

East San Joaquin Water Quality Coalition

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January 19, 2007

L. Dana Kulesza
Wendy Cohen
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
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Dear Dana and Wendy,

The East San Joaquin Water Quality Coalition is submitting the 2006 Irrigation Season Semi-Annual Monitoring Report for review by the Central Valley Regional Water Quality Control Board (CVRWQCB) as required by the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands Resolution Order No. R5-2003-0105, Monitoring and Reporting Program Order No. R5-2005-0833, amended by Monitoring and Reporting Program Order No. R5-2006-0053 and Monitoring and Reporting Program Order No. R5-2006-0077. The Coalition experienced delays in receiving necessary data and personnel did not have an opportunity to conduct full quality control and quality assurance analyses until recently.

The document herein reports on the Coalition monitoring program for the period of May 1, 2006 through December 31, 2006 and covers activities associated with the 2006 irrigation season monitoring, reporting, outreach and education.

In every aspect, the Coalition seeks the best quality in its monitoring program by using the most scientifically reliable field and laboratory protocols, ensuring complete quality control and quality assurance of the data received from laboratories, and reporting on that data accurately and punctually to both the CVRWQCB and to the members of the Coalition. The Coalition and its technical staff process and review an immense quantity of data and provide a large number of reports in a timely manner to the CVRWQCB. Despite this, changes in water quality objectives, changes in data reports from the laboratories, and miscalculations led to several instances where exceedances were not reported. Tables 1 and 2 of this letter provide those exceedances or corrects the exceedances. The corrections are identified as exceedances in the Semi-Annual Monitoring Report.

There were other instances where quality control violations occurred. A number of the samples experienced an exceedance of the hold time limit. In many cases, these exceedances of the specified hold time were a result of toxicity tests that failed test

acceptability criteria and re-tests of the same sample were undertaken. These samples have been flagged accordingly in this report and in the database submitted to the CVRWQCB.

The Coalition had one site that was changed due to difficulty with accessibility (Mattos Drain @ Range Road changed to South Slough @ Quinley Ave). The Coalition had one site which was previously known as Duck Slough @ Pioneer Road, but during a routine check of target lat/longs with lat/longs on the field sheets, it was determined that the site was actually Duck Slough @ Highway 99. Sampling had always occurred at Duck Slough @ Highway 99 and the site name in this report reflects the change. As a result, exceedance and communication reports delivered to the CVRWQB and included in this report may not reflect that change. But, Duck Slough @ Pioneer Road and Duck Slough @ Highway 99 are the same site and samples have always been collected at the Highway 99 location. Also, it should be noted that over the course of the season there were four instances where a sampling site was dry when the Coalition went to sample, and thus samples were not taken at those sites.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment for violations.

Submitted respectfully,

Michael L. Johnson
ESJWQC Technical Program Manager

Table 1. Exceedances not reported for the 2006 irrigation season sampling.

Site Name	Date Sampled	Analyte	Result	Comment	Actions To Be Taken	Promised Deliverable Completion Date	Promised in Communication Report
Ash Slough @ Ave 21	05/16/06	Lead	0.68	Exceedance Not Reported	No use reported for lead	–	–
Dry Creek at Road 18	05/16/06	Lead	0.36	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Duck Slough @ Hwy 99	05/17/06	Lead	5.2	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Highline Canal @ Hwy 99	05/17/06	Lead	0.42	Exceedance Not Reported	No use reported for lead	–	–
Highline Canal @ Lombardy Rd	05/17/06	Lead	0.49	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Jones Drain @ Oakdale Road	05/17/06	Lead	2	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Ash Slough @ Ave 21	06/13/06	Lead	1.6	Exceedance Not Reported	No use reported for lead	–	–
Cottonwood Creek @ Road 20	06/13/06	Lead	0.73	Exceedance Not Reported	No use reported for lead	–	–
Dry Creek at Road 18	06/13/06	Lead	0.27	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Highline Canal @ Lombardy Rd	06/14/06	Lead	0.55	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Duck Slough @ Hwy 99	08/08/06	Lead	2.3	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Highline Canal @ Hwy 99	08/09/06	Lead	0.39	Exceedance Not Reported	No use reported for lead		
Highline Canal @ Lombardy Rd	08/09/06	Lead	0.34	Exceedance Not Reported	Complete lead sampling for isotopic analysis	30/Sep/2007	27/Dec/2006
Deadman Creek (Dutchman) @ Gurr Rd	05/17/06	E. coli	1200	Exceedance Not Reported	Final Report on Bacterial ID Study	15/Jan/2007	27/Oct/2006

Site Name	Date Sampled	Analyte	Result	Comment	Actions To Be Taken	Promised Deliverable Completion Date	Promised in Communication Report
Dry Creek at Road 18	09/12/06	E. coli	>2400	Exceedance Not Reported	Perform bacterial ID Study	31/Dec/2006	12/Sep/2006
Prairie Flower Drain @ Crows Landing Road	09/14/06	TDS	760	Exceedance Not Reported	Perform TDS Source Study	30/Sep/2007	27/Dec/2006
Deadman Creak @ Highway 59	06/13/06	DDD(p,p')	0.0053	Exceedance Not Reported	PUR received	-	-
Deadman Creak @ Highway 59	06/13/06	DDT(p,p')	0.05	Exceedance Not Reported	PUR received	-	-
Duck Slough @ Gurr Rd	06/14/06	Bifenthrin	0.025	Exceedance Not Reported	PUR received	-	-
Duck Slough @ Gurr Rd	06/14/06	Cyhalothrin, lambda, total	0.011	Exceedance Not Reported	PUR received	-	-
Duck Slough @ Gurr Rd	07/12/06	Bifenthrin	0.0088	Exceedance Not Reported	PUR received	-	-
Duck Slough @ Gurr Rd	07/12/06	Thiobencarb	0.29	Exceedance Not Reported	PUR received	-	-
Dry Creek @ Wellsford Road	09/14/06	Thiobencarb	0.1	Exceedance Not Reported	PUR received	-	-
Cottonwood Creek @ Road 20	05/16/06	DO	5.71	Exceedance Not Reported	Potential BOD study	-	-
Jones Drain @ Oakdale Road	05/17/06	DO	6.8	Exceedance Not Reported	Potential BOD study	-	-
Black Rascal Creek @ Yosemite Road	05/18/06	DO	5.41	Exceedance Not Reported	Potential BOD study	-	-
Hilmar Drain @ Central Ave	05/18/06	DO	6.28	Exceedance Not Reported	Potential BOD study	-	-
Mustang Creek @ East Ave	05/18/06	DO	5.82	Exceedance Not Reported	Potential BOD study	-	-
Bear Creek @ Kibby Rd	06/13/06	DO	6.99	Exceedance Not Reported	Potential BOD study	-	-
Berenda Slough along Avenue 18 1/2	06/13/06	DO	5.49	Exceedance Not Reported	Potential BOD study	-	-
Cottonwood Creek @ Road 20	06/13/06	DO	6.9	Exceedance Not Reported	Potential BOD study	-	-
Deadman Creak @ Highway 59	06/13/06	DO	5.65	Exceedance Not Reported	Potential BOD study	-	-
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	DO	5.01	Exceedance Not Reported	Potential BOD study	-	-
Merced River @ Santa Fe	06/14/06	DO	6.4	Exceedance Not Reported	Potential BOD study	-	-

Site Name	Date Sampled	Analyte	Result	Comment	Actions To Be Taken	Promised Deliverable Completion Date	Promised in Communication Report
Dry Creek @ Wellsford Road	06/15/06	DO	6.08	Exceedance Not Reported	Potential BOD study	-	-
Hilmar Drain @ Central Ave	06/15/06	DO	6.8	Exceedance Not Reported	Potential BOD study	-	-
Mustang Creek @ East Ave	06/15/06	DO	5	Exceedance Not Reported	Potential BOD study	-	-
Berenda Slough along Avenue 18 1/2	07/11/06	DO	6.54	Exceedance Not Reported	Potential BOD study	-	-
Cottonwood Creek @ Road 20	07/11/06	DO	6.51	Exceedance Not Reported	Potential BOD study	-	-
Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	DO	6.5	Exceedance Not Reported	Potential BOD study	-	-
Black Rascal Creek @ Yosemite Road	07/12/06	DO	5.53	Exceedance Not Reported	Potential BOD study	-	-
Duck Slough @ Gurr Rd	07/12/06	DO	6.18	Exceedance Not Reported	Potential BOD study	-	-
Dry Creek @ Wellsford Road	07/13/06	DO	6.69	Exceedance Not Reported	Potential BOD study	-	-
Jones Drain @ Oakdale Road	07/13/06	DO	6.52	Exceedance Not Reported	Potential BOD study	-	-
Prairie Flower Drain @ Crows Landing Road	07/13/06	DO	5.45	Exceedance Not Reported	Potential BOD study	-	-
Silva Drain @ Meadow Drive	07/13/06	DO	5.75	Exceedance Not Reported	Potential BOD study	-	-
Prairie Flower Drain @ Crows Landing Road	07/20/06	DO	6.41	Exceedance Not Reported	Potential BOD study	-	-
Cottonwood Creek @ Road 20	08/08/06	DO	6.95	Exceedance Not Reported	Potential BOD study	-	-
Deadman Creek @ Highway 59	08/08/06	DO	6.55	Exceedance Not Reported	Potential BOD study	-	-
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	DO	6.96	Exceedance Not Reported	Potential BOD study	-	-
Black Rascal Creek @ Yosemite Road	08/09/06	DO	5.65	Exceedance Not Reported	Potential BOD study	-	-
Black Rascal Creek @ Yosemite Road	09/12/06	DO	5.56	Exceedance Not Reported	Potential BOD study	-	-
Cottonwood Creek @ Road 20	09/12/06	DO	6.11	Exceedance Not Reported	Potential BOD study	-	-
Deadman Creek @ Highway 59	09/12/06	DO	6.53	Exceedance Not Reported	Potential BOD study	-	-

Site Name	Date Sampled	Analyte	Result	Comment	Actions To Be Taken	Promised Deliverable Completion Date	Promised in Communication Report
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	DO	6.08	Exceedance Not Reported	Potential BOD study	-	-
Dry Creek at Road 18	09/12/06	DO	5.61	Exceedance Not Reported	Potential BOD study	-	-
Duck Slough @ Gurr Rd	09/13/06	DO	5.53	Exceedance Not Reported	Potential BOD study	-	-
Duck Slough @ Hwy 99	09/13/06	DO	6.72	Exceedance Not Reported	Potential BOD study	-	-
Jones Drain @ Oakdale Road	09/13/06	DO	6.29	Exceedance Not Reported	Potential BOD study	-	-
Silva Drain @ Meadow Drive	09/13/06	DO	5.99	Exceedance Not Reported	Potential BOD study	-	-
Prairie Flower Drain @ Crows Landing Road	09/14/06	DO	6.01	Exceedance Not Reported	Potential BOD study	-	-

Table 2. Exceedances that were reported inaccurately for the 2006 irrigation season sampling.

Site Name	Date Sampled	Analyte	Result	Comment	Exceedance Report Date	Communication Report Date	Actions To Be Taken
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	E. coli		Incorrectly Reported Exceedance of >2400	10/20/2006	12/27/2006	None
Deadman Creak @ Highway 59	09/12/06	Chlorpyrifos	0.059	Exceedance Incorrectly reported as 0.069	23/Oct/2006	27/Dec/2006	PUR received
Black Rascal Creek @ Yosemite Road	05/18/06	Chlorpyrifos	0.033	Incorrectly reported Mustang Creek results 0.012 (DNQ), not included as exceedance.	10/Jul/2006	12/Sep/2006	PUR received
Mustang Creek @ East Avenue	05/18/06	Chlorpyrifos	0.012 (DNQ)	Incorrectly reported Black Rascal Creek results 0.033	10/Jul/2006	12/Sep/2006	None
Duck Slough @ Hwy 99	05/17/06	pH	8.57	Incorrectly reported with a value of 8.51	19/May/2006	23/Jul/2006	PUR received

January 19, 2007

East San Joaquin Water Quality Coalition

SEMI-ANNUAL MONITORING REPORT IRRIGATION 2006



Prepared by
Michael L. Johnson LLC

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LIST OF ACRONYMS

BOD	Biological Oxygen Demand
CAC	County Agriculture Commissioners
CDFG	California Department of Fish and Game
CVRWQCB	Central Valley Regional Water Quality Control Board
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DO	Dissolved Oxygen
DPR	(California) Department of Pesticide Regulation
DWR	(California) Department of Water Resources
E	Environmental sample
EC	Electrical Conductivity
EPA	Environmental Protection Agency
ESJWQC	East San Joaquin Water Quality Coalition
FB	Field Blank
FD	Field Duplicate
LCS	Laboratory Control Spike
LCSD	Laboratory Control Spike Duplicate
MDL	Method Detection Limit
MPN	Most Probable Number
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MTRS	Meridian, Township, Range, Section
NA	Not Applicable
ND	Not Detected
NONAG	The sample was provided by a project other than the Coalition to the laboratory and was included in the QA report from the laboratory to meet their QA criteria
NSG	Not significantly different than control; greater than 80% threshold
NSL	Not significantly different than control; less than 80% threshold
pH	Power of hydrogen
PQL	Practical Quantification Limit
PR	Percent Recovery
PUR	Pesticide Use Reports
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
RL	Reporting Limit
RPD	Relative Percent Difference
RS	Resample

SG	Statistically significantly different from control; Greater than 80% threshold
SL	Statistically significantly different from control; Less than 80% threshold
SOP	Standard operating procedure
TDS	Total Dissolved Solids
TIE	Toxicity Identification Evaluation
TOC	Total Organic Carbon
TRS	Township, range, section
TUa	Toxic Unit (acute)
UCD	University of California, Davis
USGS	United States Geological Survey
WER	Watershed Evaluation Report
WQO	Water Quality Objective

LIST OF TERMS

Agricultural Commissioner – County Agriculture Commissioner

ArcGIS – Geographic Information Systems mapping software

Central Valley – California Central Valley

Coalition – East San Joaquin Water Quality Coalition

Coalition/ESJWQC region – The region within the Central Valley that is monitored by the East San Joaquin Water Quality Coalition.

drainage –water that moves horizontally across the surface or vertically into the subsurface from land

landowners – one or more persons responsible for the management of the irrigated land

Regional Board – Central Valley Regional Water Quality Control Board

site subwatershed – Starting from the sampling site, all water bodies that drain, directly or indirectly, into the water body before the point where sampling occurs.

subwatershed – The topographic perimeter of the catchment area of a stream tributary. (EPA terms of environment:
(<http://www.epa.gov/OCEPAt/terms/sterms.html>)

Waiver – Central Valley Regional Water Quality Control Board Coalition Group Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands, Order No. R5-2006-0077, amending Order No. R5-2006-0053.

water body –standing or flowing water of any size that may or may not move into a larger body of water, including lakes, reservoirs, ponds, rivers, streams, tributaries, creeks, sloughs, canals, laterals and drainage ditches.

watershed – The land area that drains into a stream; the watershed for a major river may encompass a number of smaller watersheds that ultimately combine at a common point. (EPA terms of environment:
<http://www.epa.gov/OCEPAt/terms/wterms.html>)

EXECUTIVE SUMMARY

The East San Joaquin Water Quality Coalition (ESJWQC) region includes the counties of Stanislaus, Merced, Madera, Tuolumne, and Mariposa and the portion of Calaveras County that drains into the Stanislaus River. Apart from the San Joaquin River which forms the south and east boundary of the coalition, there are five major rivers in the watershed: the Fresno River, Chowchilla River, Merced River, Tuolumne River and Stanislaus River. In addition, the Eastside Bypass is considered a major water body. These east side tributaries of the San Joaquin River drain the Sierra Nevada range from east to west. Irrigated agriculture is the predominant land use in the Coalition area although the growing urban areas in the Valley are also a significant land use. Other non-irrigated land uses include dairies with some acreage in feedlots.

Five times during the irrigation season, the ESJWQC successfully sampled ambient water at twenty sites, once per month starting May 2006. Sediment was sampled at the same sites in August. The primary objective of the monitoring program was to characterize discharges from irrigated agriculture. To do so field parameters were measured during each sampling event, and ambient water samples were analyzed for toxicity to three test species; *Ceriodaphnia dubia*, *Pimephales promelas*, and *Selenastrum capricornutum*, pesticides, metals, inorganic and organic parameters as specified in Table 1 of the Coalition Monitoring and Reporting Program (MRP). Sediment sampling events included measures of field parameters, and toxicity testing using *Hyalella azteca*. Additional sampling was conducted as a result of exceedances experienced by the Coalition, primarily for toxicity. As a result of exceedances in four subwatersheds, Management Plans were produced for toxicity and chlorpyrifos exceedances, and those are currently being reviewed by Regional Board staff. Those Management Plans are not discussed in this report.

During the 2006 irrigation season, 30 pesticide exceedances of water quality objectives occurred all pesticides including chlorpyrifos (57% of exceedances), thiobencarb, DDT, DDD, bifenthrin, lambda-cyhalothrin, and malathion. Water column toxicity was experienced 13 times, nine were for *Ceriodaphnia*, three for *Pimephales*, and one for *Selenastrum*. Two additional toxicity exceedances were experienced for *Hyalella* from sediment. There were 46 exceedances of the DO water quality objective (7.0 mg/L) spread across 16 of the 20 sites and four exceedances of pH. Eight exceedances of the specific conductance (EC) water quality objective were experienced at the Hilmar Drain and Prairie Flower Drain sites. Exceedances of the TDS water quality objective were experienced at Hilmar Drain during the same two monitoring events as EC exceedances and during every monitoring event at Prairie Flower Drain. Exceedance of the color

water quality objective was experienced at almost every single site at every monitoring event through the 2006 irrigation season. There were 40 exceedances of the *E. coli* water quality objective. Four metals, copper, zinc, lead, and selenium were found at concentrations above water quality objectives in water samples. Copper exceedances were experienced 24 times at nine sites, lead exceedances occurred 18 times at 8 sites, zinc exceedances were experienced once at each of two sites and only one exceedance of arsenic occurred at one site.

Monitoring results from the last several years indicated that *E. coli* exceedances were one of the most common water quality problems experienced by the Coalition. In response to this problem, the Coalition authorized the University of California, Davis to perform a source identification study using *Bacteroides*, an obligately anaerobic genus of bacteria found along with *E. coli* in feces. That study was performed during August 2006, and the results will be provided to the Regional Board. Those results will not be discussed in this document.

Dissolved oxygen exceedances were also frequently experienced throughout all Irrigation sampling events. Over the five sampling events, 46 samples experienced DO exceedances. In an attempt to understand the cause of low DO in the Coalitions surface waters, the Coalition undertook some preliminary analyses using data from 2005 and 2006 at several sites in the Coalition region. The interpretation from our analysis showed no conclusive source that was responsible for the low levels of DO apparent in the water bodies. Therefore, it was interpreted that numerous factors must be involved.

To further analyze dissolved oxygen dynamics, the Coalition sampled for Biological Oxygen Demand during the September monitoring event. Only 2 samples contained measurable amounts of BOD from the East San Joaquin Water Quality Coalition region thus data from the San Joaquin County and Delta Water Quality Coalition was also used for the analysis. There was a negative but nonsignificant relationship between BOD and dissolved oxygen. The lack of significance is a result of the small sample size and lack of statistical power. Although the relationship between BOD and dissolved oxygen was statistically insignificant due to the minimal sample size, a general correlation was apparent.

Exceedances of EC and TDS at the Prairie Flower Drain @ Crows Landing Road and Hilmar Drain @ Central Ave sites were common during the preceding two years. As a result, the Coalition authorized a study of the sources of the ions causing the EC/TDS. The conceptual study design was submitted to the Regional Board in November 2006 and the Coalition is awaiting comments on the design. The Coalition is identifying specific locations for sampling and will work with the Regional Board to finalize the list of sample sites and intends to

initiate sampling during the winter of 2007. The study is expected to be completed by September of 2007.

Outreach and education activities are a central component of the Coalition monitoring program. In October 2006 all growers were in the four subwatersheds requiring Management Plans were contacted and provided information on their subwatersheds and management practices surveys to acquire information on the types of practices that are occurring in those subwatersheds. Meetings were held for growers in those subwatersheds in late October to provide information on management practices that can be used to eliminate the exceedances. Three meetings were held in early December in Stanislaus County, Merced County, and Madera County to report on monitoring throughout the year and provide additional information on management practices. All meetings were well attended.

INTRODUCTION

This document is being submitted by the East San Joaquin Water Quality Coalition to the Central Valley Regional Water Quality Control Board as required by the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands Resolution No. R5-2003-0105 (Order), Monitoring and Reporting Program Order No. R5-2005-0833, amended by Monitoring and Reporting Program Order No. R5-2006-0053 and Monitoring and Reporting Program Order No. R5-2006-0077 (hereafter referred to as the Conditional Waiver). This document reports on ESJWQC activities for the period of May 1, 2006 through December 31, 2006 and covers activities associated with the 2006 irrigation season monitoring, reporting, outreach and education.

DESCRIPTION OF WATERSHED

For a full description of the ESJWQC watershed setting please refer to the ESJWQC Watershed Evaluation Report submitted December 8, 2006 (pages 8-9). The report includes an area overview, a map of the Coalition region and county-specific maps including land use and site locations, as well as land use information, pesticide application information, general environmental characteristics such as climate, soils, hydrology and aquatic resources, water bodies and their receiving water bodies and beneficial uses, and a full list of all water bodies by size designation that have potential to receive input from agriculture in the Coalition region, as well as site subwatershed size designation, maps and land use descriptions.

MONITORING OBJECTIVES

The objectives of the ESJWQC monitoring program are to:

- Determine the concentration and load of waste in discharges to surface waters
- Evaluate compliance with existing narrative and numeric water quality objectives to determine if implementation of additional management practices is necessary to improve and/or protect water quality
- Assess the impact of waste discharges from irrigated agriculture to surface water
- Determine the degree of implementation of management practices to reduce discharge of specific wastes that impact water quality in watersheds within the coalition region
- Determine the effectiveness of management practices and strategies to reduce discharges of wastes that impact water quality

Monitoring is conducted in both the winter and the summer, and this report covers only monitoring conducted during the summer irrigation season. The summer irrigation season sampling is designed to characterize the discharge from irrigated agriculture when irrigation is taking place. In order to achieve these objectives, the ESJWQC monitored water quality at 20 sites in the Coalition region during the 2006 irrigation season (May-September). The Coalition sampled for numerous water quality variables and constituents including 39 pesticides, *E. coli*, physical parameters (total dissolved solids, color and turbidity), eight metals, total organic carbon, nutrients, field parameters (dissolved oxygen, pH, electrical conductivity), water toxicity to three test species including *Ceriodaphnia dubia*, *Pimephales promelas* and *Selenastrum capricornutum* and sediment toxicity to *Hyalella azteca*. Monitoring constituents are established by the Conditional Waiver and are discussed in more detail below.

Pesticides and Toxicity

Pesticide applications occur throughout the summer, and irrigation return flows can move sediment and chemicals to surface waters. Toxicity testing is complementary to chemical analyses, and can provide an independent and more direct assessment of the level of impairment in the water body. The objective of the Coalition is to use the toxicity testing along with water chemistry to assess the impact of discharges from irrigated agriculture.

Nutrients and Physical Parameters

Excessive nutrients can cause eutrophication of surface waters and high total organic carbon and high turbidity. All of these factors can independently cause impairment of surface waters. However, sources of nutrients, organic carbon, and low dissolved oxygen are difficult to determine. Total dissolved solids (TDS), a measure of salt content, is similar to the other physical parameters and nutrients in that it is difficult to identify the source and manage exceedances. The Coalition's objective is to determine if exceedances are occurring, and to investigate potential sources through analysis of monitoring data and conducting special studies. By understanding the sources of constituents responsible for the exceedances, the Coalition can properly recommend management practices to address the exceedances.

Field Parameters

Much like physical parameters, exceedances of water quality objectives for pH, dissolved oxygen, and specific conductance (EC) are difficult to track to sources. All of these parameters are nonconserved meaning that they can increase or decrease in value as water moves downstream. These parameters are the responses to processes occurring in the water column and sediment, and can vary diurnally. As with nutrients and physical parameters, the Coalition's objective is to determine if exceedances are occurring, and to investigate potential sources through analysis of monitoring data and conducting special studies. By understanding the sources of constituents responsible for the exceedances, the Coalition can properly recommend management practices to address the exceedances.

E. coli

E. coli inhabits the intestinal tracts of animals and is voided in fecal material. *E. coli* may persist in the presence of oxygen in the environment for periods of time after being voided. They are also known to reproduce and magnify in the environment. The conditions under which this occurs are not well understood and require additional research. Any species of vertebrates that void feces can contribute *E. coli* to surface waters including humans, companion animal (dogs and cats primarily), cows, chickens, waterfowl (ducks and geese), raccoons, otters, ground squirrels, feral pigs, and in some locations deer. Consequently, there may be a large amount of bacteria in any environmental sample that is collected.

E. coli from humans can enter aquatic systems from leaky septic systems, leaky sanitary sewer lines, improperly treated discharge from waste water treatment

plants, application of biosolids to agricultural land, and direct inputs from individuals who defecate in or near water bodies. Input from cows can occur from dairies, grazing in irrigated pastures, and various manure sources. *E. coli* from chickens can enter from poultry operations or manure sources. Irrigated agriculture is responsible for management if *E. coli* from irrigated pasture or manure applications as fertilizer is occurring.

SAMPLING SITES DESCRIPTION

The sample sites and location of all sites monitored during the 2006 irrigation season are provided in Table 1. Twenty sites were monitored over five sampling events from May to September.

All site subwatersheds in Table 1 drain agricultural land in the Coalition region. The discussion below briefly describes each subwatershed with respect to hydrology and agricultural production. Maps of site subwatersheds are provided in the ESJWQC December 8 WER (pages 55-59) and include detail on the crops grown on each of the parcels in the site subwatershed and the hydrology within the subwatershed that drains through those parcels. ArcGIS coverage of all site subwatersheds has been provided electronically with previous reports. Not included are roadside ditches that may drain fields to the nearest surface water body. Ditches are constructed to move water draining from roads adjacent to the fields and are not generally constructed to move water draining from agricultural fields. Ditches are more common in the northern portion of the Coalition region where soils are somewhat more resistant to infiltration. In the southern portions of the Coalition region (e.g., southern Stanislaus, Merced and Madera Counties), sandy soils with a high infiltration rate do not require ditches to move water that has drained from the road surfaces. In the western portion of the Coalition region near the San Joaquin River, there is a shallow depth to ground water that requires drains to reduce the soil moisture.

Table 1. ESJWQC Irrigation 2006 sampling locations (* indicates new sites starting with the irrigation 2006 monitoring).

SITE NAME	STATION CODE	LATITUDE	LONGITUDE
Ash Slough @ Avenue 21	545XASAAT	37.0545	-120.4158
Bear Creek @ Kibby Rd	535XBCAKR	37.3128	-120.4138
Berenda Slough @ Dairyland Road	545XBSADR	37.0251	-120.3097
Black Rascal Creek @ Yosemite Rd*	535BRCAYR	37.33208	-120.3947
Cottonwood Creek @ Road 20	545XCCART	36.8686	-120.1818
Deadman Creek @ Gurr Road	535XDCAGR	37.1936	-120.5612
Dry Creek @ Road 18	545XDCARE	36.9818	-120.2195
Dry Creek @ Wellsford Road	535XDCAWR	37.6602	-120.8743
Duck Slough @ Gurr Road	535XDSAGR	37.2142	-120.5596
Duck Slough @ Highway 99	535XDSAHN	37.2524	-120.3963
Deadman Creek @ Highway 59*	535DMCAHF	37.1981	-120.4869
Highline Canal @ Hwy 99	535XHCHNN	37.4153	-120.7557
Highline Canal @ Lombardy Ave	535XHCALR	37.4556	-120.7207
Hilmar Drain @ Central Ave	535XHDACA	37.3906	-120.9582

SITE NAME	STATION CODE	LATITUDE	LONGITUDE
Jones Drain @ Oakdale Road	535XJDAOR	37.4495	-120.6007
South Slough @ Quinley Rd*	535XSSAQR	37.2699	-120.59714
Merced River @ Santa Fe [†]	535XMRSFD	37.4271	-120.6721
Mustang Creek @ East Ave*	535XMCAEA	37.4918	-120.6839
Prairie Flower Drain @ Crows Landing Road	535XPFDCCL	37.4422	-121.0024
Silva Drain @ Meadow Drive*	535XSDAMD	37.4291	-120.6261

LOCATION MAPS OF SAMPLE SITES AND LAND USE

The location maps of all site-subwatershed including land use are provided in the ESJWQC December 8 WER (pages 55-59).

MONITORING RESULTS

Samples were collected during the 2006 irrigation season every month from May to September. Sites were re-sampled if a toxicity exceedance occurred. All station names, seasons, and sample dates are listed in Table 2. Mattos Drain @ Range Road was visited twice (May and June) and after unsuccessful trips to access the drain, the monitoring site was moved to South Slough @ Quinley Road which drains similar agricultural lands.

Table 3 is a compilation of results for field parameters, and Table 4 is a compilation of all organic (pesticide) results from this sampling period. Re-samples (RS) are collected within 72 hrs of being notified that the original sample was toxic. Toxicity tests are initiated within 36 hours of sampling and re-tests (RT) are performed if lab controls do not meet method test criteria (see toxicity test comments). Inorganic data (physical parameters, *E. coli*, metals, and nutrients) are not included in these results due to errors in some of the reports and delays in receiving electronic results. Once the Coalition has received all updated reports and electronic files and has performed an internal review, an appended table will be submitted.

For results that have exceeded water quality objectives (WQO), loads have been calculated (Table 8) according to the following formula:

Load = Discharge (cfs) X 28.317L X Concentration (milligram/L X 1000 or µg/L).

These results include inorganics (nutrients and total dissolved solids), metals, and organics. For a list of WQOs used to determine exceedances refer to Table 9.

Two analytes, aldicarb and methiocarb, were spiked below the original reporting limit however after discussions with the laboratory technicians it was apparent that due to the analytical technique the lab was able to detect and quantify the analyte below this value. The laboratory has approved the raising of the RL and MDL for these samples only. In the future, the laboratory will spike with amounts above the RL to avoid this issue. A letter from the laboratory documenting the authorization and reason for change follows this section.

The reporting limit for the quality control samples for glyphosate is listed in the lab report from North Coast Labs as 10 µg/L. The actual reporting limit is 5 µg/L. A letter from North Coast Labs is also provided below as documentation.



4203 West Swift ▼ Fresno, California 93722 ▼ Phone 559.275-2175 ▼ Fax 559.275-4422

January 10, 2007

Michael L. Johnson
Monitoring Reporting Manager
1815 Michelangelo Pl
Davis, CA 95616

Dear Dr. Johnson:

For the ESJWQC project, the EPA 8321A analysis includes two analytes that were spiked below the reporting limits: Aldicarb and Methiocarb (RLs = 0.4 ug/L and Spike Levels = 0.267 ug/L).

The spike levels were established near the mid-point of the calibration curve. The EPA 8321A method requires a calibration curve to be analyzed down to the MDL. The low point on the calibration curve that corresponds to the MDL is 0.1ppb for both compounds. APPL Inc. calibration levels meet the method requirement and reflect the linear calibration range of the analyte for the mass spec detector. The reporting limit for the spiked samples can be lowered to 0.267 ug/L for this round of sampling with the MDL at 0.1ppb.

The quantitation for these two analytes is supported by a calibration curve. The samples and spikes are analyzed using MS-MS technique, which reduces matrix background interferences.

In the future, Aldicarb and Methiocarb spike levels will be increased from 0.267ug/L to 1.66ug/L and the reporting limit of 0.4ug/L will be used.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

Sincerely,

Diane Anderson, President
APPL, Inc.

LF/sd
cc: file

Pae Eco Risk 8321 Spike.doc



**NORTH COAST
LABORATORIES LTD.**

December 20, 2006

Michael L. Johnson
Monitoring Reporting Manager
1815 Michelangelo Pl
Davis, CA 95616

Dear Mr. Johnson,

Melissa Turner requested that I write a letter regarding the discrepancy in some of the earlier data between the glyphosate reporting limits for the samples versus the quality control samples. The samples were all reported with a reporting limit of 5.0 µg/L and the quality control samples were reported with at 10 µg/L. The data has been reviewed and the quality control samples have a reporting limit of 5.0 µg/L. We have changed the way that we log these samples in on our end so the latter reports have the correct reporting limit for the quality control samples as well as the samples. Please do not hesitate to contact me if you have any additional questions or concerns.

Sincerely,

Roxanne Golich-Moore
Laboratory Manager

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

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Table 2. Station names, seasons, and sample dates. If a site was re-sampled due to a toxicity exceedance or if the crew was unable to sample a site, it is listed in the sample comments. Table is sorted by station name and sample date.

Season	Station Name	Sample Date	Sample Comments
Irrigation1	Ash Slough @ Ave 21	05/16/06	
Irrigation2	Ash Slough @ Ave 21	06/13/06	
Irrigation3	Ash Slough @ Ave 21	07/11/06	
Irrigation4	Ash Slough @ Ave 21	08/08/06	
Irrigation5	Ash Slough @ Ave 21	09/12/06	
Irrigation1	Bear Creek @ Kibby Rd	05/17/06	
Irrigation1	Bear Creek @ Kibby Rd	05/25/06	Resampling event due to toxicity for Ceriodaphnia
Irrigation2	Bear Creek @ Kibby Rd	06/13/06	
Irrigation3	Bear Creek @ Kibby Rd	07/12/06	
Irrigation4	Bear Creek @ Kibby Rd	08/09/06	
Irrigation5	Bear Creek @ Kibby Rd	09/12/06	
Irrigation1	Berenda Slough along Avenue 18 1/2	05/16/06	
Irrigation2	Berenda Slough along Avenue 18 1/2	06/13/06	
Irrigation3	Berenda Slough along Avenue 18 1/2	07/11/06	
Irrigation4	Berenda Slough along Avenue 18 1/2	08/08/06	
Irrigation5	Berenda Slough along Avenue 18 1/2	09/12/06	
Irrigation5	Berenda Slough along Avenue 18 1/2	09/21/06	Resample due to toxicity experienced September 12-15 2006
Irrigation1	Black Rascal Creek @ Yosemite Road	05/18/06	
Irrigation2	Black Rascal Creek @ Yosemite Road	06/14/06	
Irrigation3	Black Rascal Creek @ Yosemite Road	07/12/06	
Irrigation4	Black Rascal Creek @ Yosemite Road	08/09/06	
Irrigation5	Black Rascal Creek @ Yosemite Road	09/12/06	
Irrigation1	Cottonwood Creek @ Road 20	05/16/06	
Irrigation2	Cottonwood Creek @ Road 20	06/13/06	
Irrigation3	Cottonwood Creek @ Road 20	07/11/06	
Irrigation4	Cottonwood Creek @ Road 20	08/08/06	
Irrigation5	Cottonwood Creek @ Road 20	09/12/06	
Irrigation1	Deadman Creak @ Highway 59	05/17/06	

Season	Station Name	Sample Date	Sample Comments
Irrigation2	Deadman Creak @ Highway 59	06/13/06	
Irrigation3	Deadman Creak @ Highway 59	07/11/06	
Irrigation4	Deadman Creak @ Highway 59	08/08/06	
Irrigation5	Deadman Creak @ Highway 59	09/12/06	
Irrigation1	Deadman Creek (Dutchman) @ Gurr Rd	05/17/06	
Irrigation2	Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	
Irrigation2	Deadman Creek (Dutchman) @ Gurr Rd	06/23/06	Resample due to toxicity on 13 June 2006
Irrigation3	Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	
Irrigation4	Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	
Irrigation5	Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	
Irrigation1	Dry Creek @ Wellsford Road	05/18/06	
Irrigation2	Dry Creek @ Wellsford Road	06/15/06	
Irrigation3	Dry Creek @ Wellsford Road	07/13/06	
Irrigation4	Dry Creek @ Wellsford Road	08/10/06	
Irrigation5	Dry Creek @ Wellsford Road	09/14/06	
Irrigation5	Dry Creek @ Wellsford Road	09/21/06	Resample due to toxicity experienced September 12-15 2006
Irrigation1	Dry Creek at Road 18	05/16/06	
Irrigation2	Dry Creek at Road 18	06/13/06	
Irrigation2	Dry Creek at Road 18	06/29/06	Resampling to test for toxicity persistence
Irrigation3	Dry Creek at Road 18	07/11/06	
Irrigation4	Dry Creek at Road 18	08/08/06	
Irrigation5	Dry Creek at Road 18	09/12/06	
Irrigation1	Duck Slough @ Gurr Rd	05/17/06	
Irrigation2	Duck Slough @ Gurr Rd	06/14/06	
Irrigation3	Duck Slough @ Gurr Rd	07/12/06	
Irrigation4	Duck Slough @ Gurr Rd	08/08/06	
Irrigation5	Duck Slough @ Gurr Rd	09/13/06	
Irrigation1	Duck Slough @ Hwy 99	05/17/06	
Irrigation1	Duck Slough @ Hwy 99	05/25/06	Resampling event due to toxicity for Ceriodaphnia
Irrigation2	Duck Slough @ Hwy 99	06/14/06	
Irrigation3	Duck Slough @ Hwy 99	07/12/06	

Season	Station Name	Sample Date	Sample Comments
Irrigation4	Duck Slough @ Hwy 99	08/08/06	
Irrigation5	Duck Slough @ Hwy 99	09/13/06	
Irrigation1	Highline Canal @ Hwy 99	05/17/06	
Irrigation2	Highline Canal @ Hwy 99	06/14/06	
Irrigation3	Highline Canal @ Hwy 99	07/12/06	
Irrigation4	Highline Canal @ Hwy 99	08/09/06	
Irrigation4	Highline Canal @ Hwy 99	09/05/06	Resampling for sediment toxicity
Irrigation5	Highline Canal @ Hwy 99	09/13/06	
Irrigation5	Highline Canal @ Hwy 99	09/21/06	resample due to toxicity experienced September 12-15 2006
Irrigation1	Highline Canal @ Lombardy Rd	05/17/06	
Irrigation2	Highline Canal @ Lombardy Rd	06/14/06	
Irrigation2	Highline Canal @ Lombardy Rd	06/23/06	Resample due to toxicity on 13 June 2006
Irrigation3	Highline Canal @ Lombardy Rd	07/12/06	
Irrigation4	Highline Canal @ Lombardy Rd	08/09/06	
Irrigation5	Highline Canal @ Lombardy Rd	09/13/06	
Irrigation5	Highline Canal @ Lombardy Rd	09/21/06	Resample due to toxicity experienced September 12-15 2006
Irrigation1	Hilmar Drain @ Central Ave	05/18/06	
Irrigation2	Hilmar Drain @ Central Ave	06/15/06	
Irrigation3	Hilmar Drain @ Central Ave	07/13/06	
Irrigation3	Hilmar Drain @ Central Ave	07/20/06	Resampling due to toxicity in original sample
Irrigation4	Hilmar Drain @ Central Ave	08/10/06	
Irrigation5	Hilmar Drain @ Central Ave	09/14/06	
Irrigation1	Jones Drain @ Oakdale Road	05/17/06	
Irrigation2	Jones Drain @ Oakdale Road	06/14/06	
Irrigation3	Jones Drain @ Oakdale Road	07/13/06	
Irrigation4	Jones Drain @ Oakdale Road	08/10/06	
Irrigation5	Jones Drain @ Oakdale Road	09/13/06	
Irrigation1	Mattos Drain @ Range Rd	05/16/06	Dry (no water)
Irrigation2	Mattos Drain @ Range Rd	06/13/06	Could not access site, on private property over barbed wire. No sample collected.
Irrigation1	Merced River @ Santa Fe	05/16/06	
Irrigation2	Merced River @ Santa Fe	06/14/06	

Season	Station Name	Sample Date	Sample Comments
Irrigation3	Merced River @ Santa Fe	07/12/06	
Irrigation4	Merced River @ Santa Fe	08/09/06	
Irrigation5	Merced River @ Santa Fe	09/13/06	
Irrigation1	Mustang Creek @ East Ave	05/18/06	
Irrigation2	Mustang Creek @ East Ave	06/15/06	
Irrigation3	Mustang Creek @ East Ave	07/13/06	Dry (no water)
Irrigation4	Mustang Creek @ East Ave	08/10/06	
Irrigation5	Mustang Creek @ East Ave	09/14/06	Dry (no water)
Irrigation1	Prairie Flower Drain @ Crows Landing Road	05/18/06	
Irrigation2	Prairie Flower Drain @ Crows Landing Road	06/15/06	
Irrigation3	Prairie Flower Drain @ Crows Landing Road	07/13/06	
Irrigation3	Prairie Flower Drain @ Crows Landing Road	07/20/06	Resampling due to toxicity in original sample
Irrigation4	Prairie Flower Drain @ Crows Landing Road	08/10/06	
Irrigation5	Prairie Flower Drain @ Crows Landing Road	09/14/06	
Irrigation1	Silva Drain @ Meadow Drive	05/18/06	
Irrigation2	Silva Drain @ Meadow Drive	06/14/06	
Irrigation3	Silva Drain @ Meadow Drive	07/13/06	
Irrigation4	Silva Drain @ Meadow Drive	08/09/06	
Irrigation4	Silva Drain @ Meadow Drive	08/17/06	Resampling for Toxicity at 08/09/06 sampling event
Irrigation4	Silva Drain @ Meadow Drive	09/05/06	Resampling for sediment toxicity
Irrigation5	Silva Drain @ Meadow Drive	09/13/06	
Irrigation3	South Slough at Quinley Road	07/11/06	
Irrigation4	South Slough at Quinley Road	08/09/06	
Irrigation5	South Slough at Quinley Road	09/12/06	Dry (no water)

Table 3. ESJWQC field measurements recorded from irrigation sampling events in 2006. After July, field measurements were not taken for re-sample events unless there was a previous field water quality exceedance.

Station Name	Sample Date	Sample Time	Discharge cfs	DO mg/L	pH none	EC µS/cm	Temperature °C	Field Result Comments
Ash Slough @ Ave 21	05/16/06	15:10	NA	8.69	8	57	26.75	too deep, unsafe from bridge to take discharge
Ash Slough @ Ave 21	06/13/06	12:10	66.65	8.49	8.01	41	24.3	
Ash Slough @ Ave 21	07/11/06	12:15	9.51	8.22	7.99	56	28.29	
Ash Slough @ Ave 21	08/08/06	12:20	5.28	8.51	8.28	68	26.3	
Ash Slough @ Ave 21	09/12/06	12:05	9.07	7.34	7.58	54	26.1	
Bear Creek @ Kibby Rd	05/17/06	13:00	NA	9.59	8.4	70	21.7	unsafe to measure discharge from bridge, too deep
Bear Creek @ Kibby Rd	05/25/06	11:40	NA	10.2	7.4	84	17.7	Resampling event, discharge not taken.
Bear Creek @ Kibby Rd	06/13/06	17:00	NA	6.99	8.69	39	19	too deep, too high from bridge to take discharge
Bear Creek @ Kibby Rd	07/12/06	10:35	NA	9.67	7.74	38	18.98	too deep, too high from bridge to take discharge
Bear Creek @ Kibby Rd	08/09/06	9:30	NA	10.23	7.14	40	18.4	bridge too high and unsafe to deploy instrument to take discharge
Bear Creek @ Kibby Rd	09/12/06	15:45	NA	7.32	8.45	54	29.1	bridge too high and unsafe to deploy instrument to take discharge
Berenda Slough along Avenue 18 ½	05/16/06	14:45	NA	8.95	7.98	82	28.3	bridge too high to take discharge, vegetation restricts access to bank
Berenda Slough along Avenue 18 ½	06/13/06	11:15	0	5.49	7.79	38	22.9	flow below detection with meter.
Berenda Slough along Avenue 18 ½	07/11/06	11:15	0	6.54	8.23	60	28.08	flow below detection with meter.
Berenda Slough along Avenue 18 ½	08/08/06	10:40	0.6	8.26	7.66	71	23.4	
Berenda Slough along Avenue 18 ½	09/12/06	10:50	18.54	7.59	7.48	115	24.1	
Black Rascal Creek @ Yosemite Road	05/18/06	8:30	NA	5.41	7.33	137	23.4	unsafe to measure discharge from bridge, soft bottom
Black Rascal Creek @ Yosemite Road	06/14/06	10:35	NA	7.92	7.5	122	21.6	unsafe from bridge to take discharge, wading impossible due to deep silt mud
Black Rascal Creek @ Yosemite Road	07/12/06	11:40	0	5.53	7.7	88	24.7	
Black Rascal Creek @ Yosemite Road	08/09/06	10:20	NA	5.65	6.68	48	22.4	no shoulder on bridge to take discharge, too deep to wade
Black Rascal Creek @ Yosemite Road	09/12/06	16:30	NA	5.56	7.41	95	22.3	no shoulder on bridge to take discharge, too deep to wade
Cottonwood Creek @ Road 20	05/16/06	9:30	2.33	5.71	7.18	391	21.6	
Cottonwood Creek @ Road 20	06/13/06	8:15	2.66	6.9	7.75	112	20.9	
Cottonwood Creek @ Road 20	07/11/06	8:30	1.96	6.51	8.25	119	24.61	
Cottonwood Creek @ Road 20	08/08/06	8:15	12.92	6.95	6.88	122	21.9	
Cottonwood Creek @ Road 20	09/12/06	8:55	38.2	6.11	7.71	114	21.5	

DO = dissolved oxygen EC = specific conductivity NA = Not Applicable

Station Name	Sample Date	Sample Time	Discharge cfs	DO mg/L	pH none	EC µS/cm	Temperature °C	Field Result Comments
Deadman Creek @ Highway 59	05/17/06	8:15	NA	7.81	7.85	411	22.2	bridge unsafe to take discharge, no access from bank
Deadman Creek @ Highway 59	06/13/06	13:50	NA	5.65	7.95	319	24.7	bridge unsafe to take discharge, no access from bank
Deadman Creek @ Highway 59	07/11/06	14:00	2.2	12.87	8.48	415	29.84	
Deadman Creek @ Highway 59	08/08/06	14:00	7.57	6.55	7.71	286	24.4	
Deadman Creek @ Highway 59	09/12/06	13:15	3.06	6.53	6.63	21	22.7	
Deadman Creek (Dutchman) @ Gurr Rd	05/17/06	9:40	9.95	7.48	7.97	310	23.2	
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	14:50	13.7	5.01	8.45	335	23.5	
Deadman Creek (Dutchman) @ Gurr Rd	06/23/06	11:50	NA	10.59	7.34	279	26.6	Resample due to toxicity on 13 June 2006; no discharge taken
Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	15:15	1.44	6.5	8.36	322	26.61	
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	15:00	8.45	6.96	7.86	415	24	
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	14:15	34.18	6.08	6.57	452	22.4	
Dry Creek @ Wellsford Road	05/18/06	12:00	NA	8.55	7.78	182	24	too deep, bridge too high and unsafe to take discharge
Dry Creek @ Wellsford Road	06/15/06	10:20	NA	6.08	7.99	100	20.4	too deep, bridge too high and unsafe to take discharge
Dry Creek @ Wellsford Road	07/13/06	11:00	123.91	6.69	7.55	130	22.93	pH measurement taken at PER. Meter malfunctioning. Field reading = -1.41
Dry Creek @ Wellsford Road	08/10/06	12:00	NA	8.63	7.36	125	23.7	too deep, bridge too high to deploy instrument to take discharge
Dry Creek @ Wellsford Road	09/14/06	9:35	NA	7.08	7.15	95	20.1	too deep to measure discharge
Dry Creek at Road 18	05/16/06	13:15	5.35	8.63	8.16	50	22.3	
Dry Creek at Road 18	06/13/06	9:20	4.02	7.29	7.57	28	19.9	
Dry Creek at Road 18	06/29/06	12:30	13.25	7.21	6.61	29	23.27	Resampling to test for toxicity persistence; discharge taken anyways.
Dry Creek at Road 18	07/11/06	9:50	11.77	7.85	7.99	20	23.59	discharge depths 0.2-0.8ft, midchannel depth 5.1ft.
Dry Creek at Road 18	08/08/06	9:30	18.85	7.63	7.21	20	21.09	
Dry Creek at Road 18	09/12/06	10:00	14.97	5.61	7.99	21	21.3	
Duck Slough @ Gurr Rd	05/17/06	10:20	2.29	8.1	8.6	293	24.8	
Duck Slough @ Gurr Rd	06/14/06	8:00	1.61	9.81	7.39	368	18.2	
Duck Slough @ Gurr Rd	07/12/06	8:00	10.93	6.18	7.77	269	21.29	
Duck Slough @ Gurr Rd	08/08/06	15:55	6.62	9.4	8.4	202	26.6	
Duck Slough @ Gurr Rd	09/13/06	9:10	0.96	5.53	7.3	250	21.5	
Duck Slough @ Hwy 99	05/17/06	11:45	NA	7.06	8.57	257	25.76	unsafe to measure discharge from bridge
Duck Slough @ Hwy 99	05/25/06	12:30	NA	9.1	7.57	133	19.7	Resampling event, discharge not taken.

DO = dissolved oxygen EC = specific conductivity NA = Not Applicable

Station Name	Sample Date	Sample Time	Discharge cfs	DO mg/L	pH none	EC µS/cm	Temperature °C	Field Result Comments
Duck Slough @ Hwy 99	06/14/06	9:30	NA	8.39	7.87	43	17.8	too deep, unsafe from bridge to take discharge
Duck Slough @ Hwy 99	07/12/06	9:30	58.3	8.13	8.45	35	19.96	
Duck Slough @ Hwy 99	08/08/06	17:15	NA	8.58	8.15	37	21.9	too deep to take discharge
Duck Slough @ Hwy 99	09/13/06	8:05	NA	6.72	7.6	69	21.8	too deep, unsafe from bridge to take discharge
Highline Canal @ Hwy 99	05/17/06	14:35	82.45	9.03	7.91	47	22.9	
Highline Canal @ Hwy 99	06/14/06	11:40	90.82	7.37	7.79	40	20.1	
Highline Canal @ Hwy 99	07/12/06	13:15	111.81	9.56	7.67	36	22.04	
Highline Canal @ Hwy 99	08/09/06	11:45	162.04	9.87	6.8	30	21.8	
Highline Canal @ Hwy 99	09/13/06	11:45	72.64	7.85	8.42	33	23	
Highline Canal @ Lombardy Rd	05/17/06	15:30	149.8	10.09	8.32	44	22.1	
Highline Canal @ Lombardy Rd	06/14/06	12:25	204.66	7.38	7.62	39	20.2	
Highline Canal @ Lombardy Rd	06/23/06	10:40	NA	10.39	7.11	41.6	22.5	Resample due to toxicity on 13 June 2006; discharge not taken
Highline Canal @ Lombardy Rd	07/12/06	14:00	265.79	10.05	8.01	33	20.89	
Highline Canal @ Lombardy Rd	08/09/06	12:40	229.97	10.06	7.07	30	21.1	
Highline Canal @ Lombardy Rd	09/13/06	12:35	153.47	8.33	7.94	32	22.1	
Hilmar Drain @ Central Ave	05/18/06	15:10	1.22	6.28	7.72	618	29.6	
Hilmar Drain @ Central Ave	06/15/06	12:40	31.75	6.8	7.91	459	22.2	
Hilmar Drain @ Central Ave	07/13/06	12:40	0.73	12.22	8.2	1096	30.98	
Hilmar Drain @ Central Ave	07/20/06	12:40	NA	9.71	8.19	536	29.38	Resampling event, discharge not taken.
Hilmar Drain @ Central Ave	08/10/06	14:50	25.87	16.03	7.84	551	25.8	
Hilmar Drain @ Central Ave	09/14/06	12:00	14.18	8.45	7.86	773	22.2	
Jones Drain @ Oakdale Road	05/17/06	16:30	NA	6.8	8	67	26.4	limited access, soft bottom; unable to take discharge
Jones Drain @ Oakdale Road	06/14/06	15:15	NA	7.04	7.02	31	19.1	limited access, soft bottom; unable to take discharge
Jones Drain @ Oakdale Road	07/13/06	8:45	NA	6.52	7.23	66	22.06	no access, vegetation obstruction and soft bottom; unable to take discharge; pH measure taken at PER, field value = 4.01
Jones Drain @ Oakdale Road	08/10/06	8:30	0	7.07	6.9	71	20.7	flow below detection of meter, not stagnant
Jones Drain @ Oakdale Road	09/13/06	15:05	0.4	6.29	7.26	54	25.1	
Mattos Drain @ Range Rd	05/16/06	17:50	NA	NA	NA	NA	NA	Dry Site
Merced River @ Santa Fe	05/16/06	18:35	NA	11.4	7.12	51	14.7	bridge too high, traffic, river too fast and deep to take discharge
Merced River @ Santa Fe	06/14/06	13:20	NA	6.4	7.17	32	13.96	bridge too high, traffic, river too fast and deep to take discharge

DO = dissolved oxygen EC = specific conductivity NA = Not Applicable

Station Name	Sample Date	Sample Time	Discharge cfs	DO mg/L	pH none	EC µS/cm	Temperature °C	Field Result Comments
Merced River @ Santa Fe	07/12/06	16:00	227.6	9.2	8.12	36	20.27	
Merced River @ Santa Fe	08/09/06	13:30	NA	9.97	6.68	37	19.3	too deep and fast, unsafe and too high from bridge unable to deploy instrument to measure discharge
Merced River @ Santa Fe	09/13/06	13:15	NA	8.83	7	35	18.4	too deep to measure discharge
Mustang Creek @ East Ave	05/18/06	10:40	0	5.82	7.18	478	21.3	low flow below detection of meter
Mustang Creek @ East Ave	06/15/06	8:55	0.08	5	6.78	420	18.3	
Mustang Creek @ East Ave	07/13/06	10:00	0	8.21	8.2	442	20.55	pH measure taken at PER, reading erratically in field - field value = -0.41
Mustang Creek @ East Ave	08/10/06	10:40	0	2.61	6.71	322	19.6	no flow
Mustang Creek @ East Ave	09/14/06	8:50	NA	NA	NA	NA	NA	Dry Site
Prairie Flower Drain @ Crows Landing Road	05/18/06	16:15	NA	10.81	8.31	2958	20.5	depth was not recorded to calculate discharge
Prairie Flower Drain @ Crows Landing Road	06/15/06	11:40	0.53	9.2	7.15	2660	22.2	
Prairie Flower Drain @ Crows Landing Road	07/13/06	13:30	0	5.45	8.85	1560	26.1	pH meter reading erratically in field - taken at PER
Prairie Flower Drain @ Crows Landing Road	07/20/06	11:30	NA	6.41	7.81	1950	26.48	Resampling due to toxicity in original sample; no discharge taken
Prairie Flower Drain @ Crows Landing Road	08/10/06	13:45	2.43	14.63	7.49	2302	25.5	discharge from culvert
Prairie Flower Drain @ Crows Landing Road	09/14/06	10:55	2.31	6.01	7.39	1276	19.7	discharge from culvert
Silva Drain @ Meadow Drive	05/18/06	13:40	3.01	7.28	7.8	61	20.4	discharge across channel, not from culvert
Silva Drain @ Meadow Drive	06/14/06	14:15	0	9.64	7.44	34	23.2	low flow below detection of meter
Silva Drain @ Meadow Drive	07/13/06	8:05	0	5.75	7.39	278	20.25	pH meter would not calibrate in the field, pH reading was taken at PER. Field pH reading was 6.24
Silva Drain @ Meadow Drive	08/09/06	15:20	0	8.9	7.21	157	29.7	no flow
Silva Drain @ Meadow Drive	09/13/06	14:15	0	5.99	7.83	47	23.4	
South Slough at Quinley Road	07/11/06	16:40	8.21	8.71	8.44	42	28.18	
South Slough at Quinley Road	08/09/06	8:10	9.25	8.73	6.89	47	19.5	
South Slough at Quinley Road	09/12/06	14:50	NA	NA	NA	NA	NA	Dry Site

DO = dissolved oxygen EC = specific conductivity NA = Not Applicable

Table 4. ESJWQC sample results including environmental samples (E) for organic analysis. Samples are sorted by station name, analyte, and sample date. Analysis for glyphosate and paraquat are shown in Table 5.

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 619	Tributylphosphate (Surrogate)	80.6	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 619	Tributylphosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 619	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 619	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 619	Triphenyl phosphate (Surrogate)	84.7	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 619	Triphenyl phosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 619	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 619	Triphenyl phosphate (Surrogate)	127	%		NA	NA	100		None - No QA Qualifier	PR 54-144	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 619	Triphenyl phosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	73	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	73	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	64.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	71.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	93	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	53.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	53.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	63.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	87.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	92.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.9	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	95.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Tributylphosphate (Surrogate)	159	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Tributylphosphate (Surrogate)	88.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Tributylphosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Tributylphosphate (Surrogate)	71.9	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Tributylphosphate (Surrogate)	146	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Tributylphosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Tributylphosphate (Surrogate)	124	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Tributylphosphate (Surrogate)	136	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Tributylphosphate (Surrogate)	75.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Tributylphosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Triphenyl phosphate (Surrogate)	90.7	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8141A	Triphenyl phosphate (Surrogate)	93.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Triphenyl phosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8141A	Triphenyl phosphate (Surrogate)	73.3	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Triphenyl phosphate (Surrogate)	147	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8141A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Triphenyl phosphate (Surrogate)	128	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8141A	Triphenyl phosphate (Surrogate)	133	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Triphenyl phosphate (Surrogate)	79.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8141A	Triphenyl phosphate (Surrogate)	122	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Tributylphosphate (Surrogate)	65.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Tributylphosphate (Surrogate)	76.4	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Tributylphosphate (Surrogate)	69.5	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 8321A	Triphenyl phosphate (Surrogate)	92.8	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 8321A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 8321A	Triphenyl phosphate (Surrogate)	65.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 8321A	Triphenyl phosphate (Surrogate)	76.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 8321A	Triphenyl phosphate (Surrogate)	76.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 619	Tributylphosphate (Surrogate)	93.3	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 619	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 619	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 619	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 619	Tributylphosphate (Surrogate)	403	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 62-145	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 619	Triphenyl phosphate (Surrogate)	93.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 619	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 619	Triphenyl phosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 619	Triphenyl phosphate (Surrogate)	86.6	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	90.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	65.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	59.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	53.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	78.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	72.3	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	68.1	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	56.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Chlorpyrifos	0.52	µg/L		0.00259	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			Surrogate recovery is outside of control limits		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			Surrogate recovery is outside of control limits		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Tributylphosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Tributylphosphate (Surrogate)	80	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Tributylphosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Tributylphosphate (Surrogate)	59.2	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	84	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Tributylphosphate (Surrogate)	92.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Tributylphosphate (Surrogate)	483	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Triphenyl phosphate (Surrogate)	123	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8141A	Triphenyl phosphate (Surrogate)	97.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Triphenyl phosphate (Surrogate)	77.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8141A	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Triphenyl phosphate (Surrogate)	57.5	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8141A	Triphenyl phosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	83.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Triphenyl phosphate (Surrogate)	83.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8141A	Triphenyl phosphate (Surrogate)	91.3	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Tributylphosphate (Surrogate)	76.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Tributylphosphate (Surrogate)	97.4	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	80.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Tributylphosphate (Surrogate)	65	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 8321A	Triphenyl phosphate (Surrogate)	82.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 8321A	Triphenyl phosphate (Surrogate)	99.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 8321A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	84.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 8321A	Triphenyl phosphate (Surrogate)	71.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 619	Tributylphosphate (Surrogate)	78.9	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 62-145	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 619	Tributylphosphate (Surrogate)	93.4	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 619	Tributylphosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 619	Triphenyl phosphate (Surrogate)	78.5	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 619	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 619	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 619	Triphenyl phosphate (Surrogate)	96.1	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 619	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	73.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	73.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	62.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	71.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	55.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	55.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	65	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	60	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	60	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	81.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	94.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Chlorpyrifos	0.043	µg/L		0.00259	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Chlorpyrifos	0.14	µg/L		0.00259	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Tributylphosphate (Surrogate)	69.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Tributylphosphate (Surrogate)	92.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Tributylphosphate (Surrogate)	76.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Tributylphosphate (Surrogate)	136	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Tributylphosphate (Surrogate)	130	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Tributylphosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Tributylphosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Tributylphosphate (Surrogate)	79	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Triphenyl phosphate (Surrogate)	66.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8141A	Triphenyl phosphate (Surrogate)	95.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8141A	Triphenyl phosphate (Surrogate)	75.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Triphenyl phosphate (Surrogate)	141	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8141A	Triphenyl phosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Triphenyl phosphate (Surrogate)	122	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8141A	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8141A	Triphenyl phosphate (Surrogate)	85.5	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Tributylphosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Tributylphosphate (Surrogate)	85.5	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Tributylphosphate (Surrogate)	77.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Tributylphosphate (Surrogate)	71.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 8321A	Triphenyl phosphate (Surrogate)	97.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 8321A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 8321A	Triphenyl phosphate (Surrogate)	85.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 8321A	Triphenyl phosphate (Surrogate)	88.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 8321A	Triphenyl phosphate (Surrogate)	75.5	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 619	Tributylphosphate (Surrogate)	99.3	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 619	Tributylphosphate (Surrogate)	89.6	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 619	Tributylphosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 619	Tributylphosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 619	Tributylphosphate (Surrogate)	319	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 62-145	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 619	Triphenyl phosphate (Surrogate)	89.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 619	Triphenyl phosphate (Surrogate)	85.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 619	Triphenyl phosphate (Surrogate)	126	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 619	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 619	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	65.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	63.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	61.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	82.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	82.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	49	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	77.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	65	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	88.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	78	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Chlorpyrifos	0.033	µg/L		0.00259	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			Surrogate recovery is outside of control limits		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	95.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	96.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Tributylphosphate (Surrogate)	72.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Tributylphosphate (Surrogate)	89.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Tributylphosphate (Surrogate)	90.3	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Tributylphosphate (Surrogate)	80	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Tributylphosphate (Surrogate)	67.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Tributylphosphate (Surrogate)	72.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Tributylphosphate (Surrogate)	366	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	84.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Triphenyl phosphate (Surrogate)	73.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8141A	Triphenyl phosphate (Surrogate)	85.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Triphenyl phosphate (Surrogate)	91.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8141A	Triphenyl phosphate (Surrogate)	122	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Triphenyl phosphate (Surrogate)	79.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8141A	Triphenyl phosphate (Surrogate)	64.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Triphenyl phosphate (Surrogate)	75.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8141A	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Tributylphosphate (Surrogate)	80.4	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Tributylphosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Tributylphosphate (Surrogate)	93.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Tributylphosphate (Surrogate)	76.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Tributylphosphate (Surrogate)	69.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 8321A	Triphenyl phosphate (Surrogate)	82.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 8321A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 8321A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 8321A	Triphenyl phosphate (Surrogate)	80.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 8321A	Triphenyl phosphate (Surrogate)	70.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 619	Tributylphosphate (Surrogate)	98.3	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 619	Tributylphosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	PR 62-145	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 619	Tributylphosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 619	Tributylphosphate (Surrogate)	93.9	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 619	Tributylphosphate (Surrogate)	86.4	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	99.2	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 619	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 619	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 619	Triphenyl phosphate (Surrogate)	95.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 619	Triphenyl phosphate (Surrogate)	97.4	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	91.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	91.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	83.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	96.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	91.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	85.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	48.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	49.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	78.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	78.2	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Chlorpyrifos	0.014	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	94.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	81.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Tributylphosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Tributylphosphate (Surrogate)	73.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	155	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Tributylphosphate (Surrogate)	130	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Tributylphosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Tributylphosphate (Surrogate)	95.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Tributylphosphate (Surrogate)	78.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	76.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	96.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8141A	Triphenyl phosphate (Surrogate)	74.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	163	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8141A	Triphenyl phosphate (Surrogate)	126	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Triphenyl phosphate (Surrogate)	99.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8141A	Triphenyl phosphate (Surrogate)	84	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	76.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Tributylphosphate (Surrogate)	98.5	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Tributylphosphate (Surrogate)	87.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Tributylphosphate (Surrogate)	78.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Tributylphosphate (Surrogate)	70.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	80.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 8321A	Triphenyl phosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 8321A	Triphenyl phosphate (Surrogate)	97.6	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 8321A	Triphenyl phosphate (Surrogate)	87.7	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 8321A	Triphenyl phosphate (Surrogate)	75.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 619	Tributylphosphate (Surrogate)	83.3	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 619	Tributylphosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 619	Tributylphosphate (Surrogate)	131	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 619	Tributylphosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 619	Tributylphosphate (Surrogate)	1100	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 62-145	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 619	Triphenyl phosphate (Surrogate)	83.8	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 619	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 619	Triphenyl phosphate (Surrogate)	133	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 619	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 619	Triphenyl phosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Bifenthrin	0.011	µg/L	DNQ	0.006	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	DDD (p,p')	0.0053	µg/L	DNQ	0.003	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	DDT (p,p')	0.05	µg/L		0.007	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	87.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	95.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	69.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	78.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	69.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	77.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	85.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	104	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 15-98	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	81.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	94.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Chlorpyrifos	0.059	µg/L		0.00259	0.02			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			Surrogate recovery is outside of control limits		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Tributylphosphate (Surrogate)	94.9	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Tributylphosphate (Surrogate)	72.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Tributylphosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	134	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	135	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	128	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	1140	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	81.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8141A	Triphenyl phosphate (Surrogate)	94.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Triphenyl phosphate (Surrogate)	71.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8141A	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	128	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	141	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	133	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	83.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Diuron	1	µg/L		0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Diuron	0.34	µg/L	DNQ	0.2	0.4			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Diuron	0.31	µg/L	DNQ	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Diuron	0.23	µg/L	DNQ	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Diuron	0.24	µg/L	DNQ	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Methomyl	0.39	µg/L		0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Methomyl	0.14	µg/L		0.05	0.07			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 8321A	Tributylphosphate (Surrogate)	71.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 8321A	Tributylphosphate (Surrogate)	171	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 36-140	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek @ Highway 59	E	07/11/06	14:00	EPA 8321A	Tributylphosphate (Surrogate)	80.5	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek @ Highway 59	E	08/08/06	14:00	EPA 8321A	Tributylphosphate (Surrogate)	69.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek @ Highway 59	E	09/12/06	13:15	EPA 8321A	Tributylphosphate (Surrogate)	72.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek @ Highway 59	E	05/17/06	8:15	EPA 8321A	Triphenyl phosphate (Surrogate)	79.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek @ Highway 59	E	06/13/06	13:50	EPA 8321A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek @ Highway 59	E	07/11/06	14:00	EPA 8321A	Triphenyl phosphate (Surrogate)	88.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek @ Highway 59	E	08/08/06	14:00	EPA 8321A	Triphenyl phosphate (Surrogate)	71.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek @ Highway 59	E	09/12/06	13:15	EPA 8321A	Triphenyl phosphate (Surrogate)	74.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 619	Tributylphosphate (Surrogate)	90.9	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 619	Tributylphosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 619	Tributylphosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 619	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 619	Tributylphosphate (Surrogate)	145	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 619	Triphenyl phosphate (Surrogate)	94.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 619	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 619	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 619	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 619	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	89.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	83.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	70.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.1	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	98	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	42.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	42.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	89.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.9	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Chlorpyrifos	0.014	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Chlorpyrifos	0.027	µg/L		0.00259	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Malathion	0.19	µg/L		0.05	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Tributylphosphate (Surrogate)	93.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Tributylphosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Tributylphosphate (Surrogate)	84.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Tributylphosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Tributylphosphate (Surrogate)	170	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Tributylphosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Tributylphosphate (Surrogate)	144	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Tributylphosphate (Surrogate)	80	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Tributylphosphate (Surrogate)	147	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Triphenyl phosphate (Surrogate)	99.7	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8141A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Triphenyl phosphate (Surrogate)	83.5	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8141A	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8141A	Triphenyl phosphate (Surrogate)	168	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8141A	Triphenyl phosphate (Surrogate)	135	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Triphenyl phosphate (Surrogate)	99.3	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8141A	Triphenyl phosphate (Surrogate)	85.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Diuron	0.73	µg/L		0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Methomyl	0.33	µg/L		0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Methomyl	0.08	µg/L		0.05	0.07			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Tributylphosphate (Surrogate)	68.1	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Tributylphosphate (Surrogate)	98.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Tributylphosphate (Surrogate)	89.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Tributylphosphate (Surrogate)	82.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Tributylphosphate (Surrogate)	65.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 8321A	Triphenyl phosphate (Surrogate)	84.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 8321A	Triphenyl phosphate (Surrogate)	94.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 8321A	Triphenyl phosphate (Surrogate)	92.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 8321A	Triphenyl phosphate (Surrogate)	75.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 8321A	Triphenyl phosphate (Surrogate)	70.5	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 619	Atrazine	0.14	µg/L	DNQ	0.067	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 619	Cyanazine	0.19	µg/L	DNQ	0.086	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 619	Cyanazine	0.34	µg/L	DNQ	0.086	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 619	Simazine	0.088	µg/L	DNQ	0.08	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 619	Tributylphosphate (Surrogate)	90.5	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 619	Tributylphosphate (Surrogate)	82.2	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 619	Tributylphosphate (Surrogate)	97.1	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 619	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 619	Tributylphosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 619	Triphenyl phosphate (Surrogate)	91.8	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 619	Triphenyl phosphate (Surrogate)	86.1	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 619	Triphenyl phosphate (Surrogate)	93.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 619	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 619	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	63.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	70.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Dicofol	0.022	µg/L	DNQ	0.01	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	72.8	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	72.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	50	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	92.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	92.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	85.1	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	77.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Chlorpyrifos	0.026	µg/L		0.00259	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Chlorpyrifos	0.024	µg/L		0.00259	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Methidathion	0.049	µg/L	DNQ	0.038	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Thiobencarb	0.1	µg/L	DNQ	0.06	0.5			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Tributylphosphate (Surrogate)	93.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Tributylphosphate (Surrogate)	95.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Tributylphosphate (Surrogate)	82.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Tributylphosphate (Surrogate)	71.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Tributylphosphate (Surrogate)	97.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Tributylphosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Tributylphosphate (Surrogate)	83.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Tributylphosphate (Surrogate)	93.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Tributylphosphate (Surrogate)	69.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Triphenyl phosphate (Surrogate)	90.7	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Triphenyl phosphate (Surrogate)	70.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8141A	Triphenyl phosphate (Surrogate)	86.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Triphenyl phosphate (Surrogate)	98.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8141A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Triphenyl phosphate (Surrogate)	90.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8141A	Triphenyl phosphate (Surrogate)	81.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Triphenyl phosphate (Surrogate)	72.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Tributylphosphate (Surrogate)	95.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Tributylphosphate (Surrogate)	77.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Tributylphosphate (Surrogate)	67.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Tributylphosphate (Surrogate)	90.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Tributylphosphate (Surrogate)	74.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 8321A	Triphenyl phosphate (Surrogate)	82.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 8321A	Triphenyl phosphate (Surrogate)	87.7	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 8321A	Triphenyl phosphate (Surrogate)	71.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 8321A	Triphenyl phosphate (Surrogate)	89.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 8321A	Triphenyl phosphate (Surrogate)	83	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 619	Tributylphosphate (Surrogate)	81.1	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 619	Tributylphosphate (Surrogate)	124	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 619	Tributylphosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 619	Tributylphosphate (Surrogate)	130	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 619	Tributylphosphate (Surrogate)	83.1	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 619	Triphenyl phosphate (Surrogate)	83.2	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 619	Triphenyl phosphate (Surrogate)	132	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 619	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 54-144	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	08/08/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	134	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 619	Triphenyl phosphate (Surrogate)	91.4	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	81	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	81	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	59	%		NA	NA	100		None - No QA Qualifier	PR 38-113	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	59	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	67.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	88.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	97.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	74	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	74	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Chlorpyrifos	0.077	µg/L		0.00259	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			Surrogate recovery is outside of control limits		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			Surrogate recovery is outside of control limits		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	89.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	124	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	72.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	131	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	134	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Tributylphosphate (Surrogate)	64.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Tributylphosphate (Surrogate)	93.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	93.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	97.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	132	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	74	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8141A	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	129	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	131	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Triphenyl phosphate (Surrogate)	67.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8141A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Tributylphosphate (Surrogate)	76.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Tributylphosphate (Surrogate)	92.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Tributylphosphate (Surrogate)	90.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	84.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Tributylphosphate (Surrogate)	67.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Dry Creek at Road 18	E	05/16/06	13:15	EPA 8321A	Triphenyl phosphate (Surrogate)	72.5	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek at Road 18	E	06/13/06	9:20	EPA 8321A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	07/11/06	9:50	EPA 8321A	Triphenyl phosphate (Surrogate)	82.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek at Road 18	E	08/08/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	81.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Dry Creek at Road 18	E	09/12/06	10:00	EPA 8321A	Triphenyl phosphate (Surrogate)	71.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 619	Cyanazine	0.19	µg/L	DNQ	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 619	Cyanazine	0.087	µg/L	DNQ	0.086	0.5		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 619	Tributylphosphate (Surrogate)	89.6	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 619	Tributylphosphate (Surrogate)	93.2	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 619	Tributylphosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 619	Tributylphosphate (Surrogate)	96.6	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 619	Tributylphosphate (Surrogate)	86	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 619	Triphenyl phosphate (Surrogate)	89.4	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 619	Triphenyl phosphate (Surrogate)	88.3	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 619	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	PR 54-144	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 619	Triphenyl phosphate (Surrogate)	95.2	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 619	Triphenyl phosphate (Surrogate)	87.5	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Bifenthrin	0.025	µg/L		0.006	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Bifenthrin	0.0088	µg/L	DNQ	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Cyhalothrin, lambda, total	0.011	µg/L	DNQ	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	71.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	61.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	83.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	67	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.2	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	55.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	63.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	59.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	68.3	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	94	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	91.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Chlorpyrifos	0.014	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Dimethoate	0.75	µg/L		0.08	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Thiobencarb	5.8	µg/L		0.6	1			None - No QA Qualifier		DF 10
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Thiobencarb	0.29	µg/L	DNQ	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Tributylphosphate (Surrogate)	94.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Tributylphosphate (Surrogate)	92.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Tributylphosphate (Surrogate)	93.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Tributylphosphate (Surrogate)	85	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Tributylphosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Tributylphosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Tributylphosphate (Surrogate)	153	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 60-150	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Tributylphosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	77.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Triphenyl phosphate (Surrogate)	87.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Triphenyl phosphate (Surrogate)	88.3	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8141A	Triphenyl phosphate (Surrogate)	82.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8141A	Triphenyl phosphate (Surrogate)	146	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	79.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4		FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Tributylphosphate (Surrogate)	64.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Tributylphosphate (Surrogate)	96.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Tributylphosphate (Surrogate)	91.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Tributylphosphate (Surrogate)	80.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Tributylphosphate (Surrogate)	76.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 8321A	Triphenyl phosphate (Surrogate)	75.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 8321A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 8321A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 8321A	Triphenyl phosphate (Surrogate)	75.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 8321A	Triphenyl phosphate (Surrogate)	80.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 619	Tributylphosphate (Surrogate)	82	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 619	Tributylphosphate (Surrogate)	99.5	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 619	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 619	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 619	Tributylphosphate (Surrogate)	94.9	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 619	Triphenyl phosphate (Surrogate)	80.7	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	96.3	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	124	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 619	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 619	Triphenyl phosphate (Surrogate)	96.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	71.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	90.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	70	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	69.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	60.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	60.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	56.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	51.2	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.1	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	80.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	78.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Chlorpyrifos	0.27	µg/L		0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			Surrogate recovery is outside of control limits		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Tributylphosphate (Surrogate)	91.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	99.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	75.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	98.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Tributylphosphate (Surrogate)	149	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Tributylphosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Tributylphosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Tributylphosphate (Surrogate)	69.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Triphenyl phosphate (Surrogate)	92.7	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8141A	Triphenyl phosphate (Surrogate)	98.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	75.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	96.3	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Triphenyl phosphate (Surrogate)	138	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-129	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8141A	Triphenyl phosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Triphenyl phosphate (Surrogate)	73.3	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Tributylphosphate (Surrogate)	73.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	95.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Tributylphosphate (Surrogate)	71.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Tributylphosphate (Surrogate)	78.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 8321A	Triphenyl phosphate (Surrogate)	79.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 8321A	Triphenyl phosphate (Surrogate)	77.6	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 8321A	Triphenyl phosphate (Surrogate)	81.5	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 619	Tributylphosphate (Surrogate)	89.5	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 619	Tributylphosphate (Surrogate)	96.8	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 619	Tributylphosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 619	Tributylphosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 619	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 619	Triphenyl phosphate (Surrogate)	90.3	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 619	Triphenyl phosphate (Surrogate)	95.8	%		NA	NA	100		None - No QA Qualifier	PR 54-144	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 619	Triphenyl phosphate (Surrogate)	133	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 619	Triphenyl phosphate (Surrogate)	124	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 619	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	78.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	92.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.1	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.1	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	46.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	49.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.8	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	87.3	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	92.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	92.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	92.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Chlorpyrifos	0.012	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Tributylphosphate (Surrogate)	96.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Tributylphosphate (Surrogate)	97.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Tributylphosphate (Surrogate)	96.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Tributylphosphate (Surrogate)	69.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Tributylphosphate (Surrogate)	86.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Tributylphosphate (Surrogate)	122	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Tributylphosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Tributylphosphate (Surrogate)	78.9	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Triphenyl phosphate (Surrogate)	94.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8141A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Triphenyl phosphate (Surrogate)	68.3	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8141A	Triphenyl phosphate (Surrogate)	95.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	129	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8141A	Triphenyl phosphate (Surrogate)	86.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8141A	Triphenyl phosphate (Surrogate)	80.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Tributylphosphate (Surrogate)	77.1	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Tributylphosphate (Surrogate)	81.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Tributylphosphate (Surrogate)	91.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Tributylphosphate (Surrogate)	77.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Tributylphosphate (Surrogate)	73.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 8321A	Triphenyl phosphate (Surrogate)	79.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 8321A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 8321A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 8321A	Triphenyl phosphate (Surrogate)	82.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 8321A	Triphenyl phosphate (Surrogate)	77.7	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 619	Tributylphosphate (Surrogate)	86.5	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 619	Tributylphosphate (Surrogate)	99.2	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 619	Tributylphosphate (Surrogate)	93.2	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 619	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 619	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 619	Triphenyl phosphate (Surrogate)	84.3	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 619	Triphenyl phosphate (Surrogate)	97.8	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 619	Triphenyl phosphate (Surrogate)	90.2	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 619	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 619	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Decachlorobiphenyl (Surrogate)	73.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	69.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	77	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	77	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	63.1	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	63.1	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	48.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	40.1	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	47.2	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.9	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	81.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	85	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Tributylphosphate (Surrogate)	95.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Tributylphosphate (Surrogate)	99.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Tributylphosphate (Surrogate)	78.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	93.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Tributylphosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Tributylphosphate (Surrogate)	84.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Tributylphosphate (Surrogate)	81.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Tributylphosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8141A	Triphenyl phosphate (Surrogate)	97.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Triphenyl phosphate (Surrogate)	79.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8141A	Triphenyl phosphate (Surrogate)	97.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	95	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Triphenyl phosphate (Surrogate)	84.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8141A	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8141A	Triphenyl phosphate (Surrogate)	76.7	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Tributylphosphate (Surrogate)	77.4	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Tributylphosphate (Surrogate)	83.1	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Tributylphosphate (Surrogate)	69.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Tributylphosphate (Surrogate)	79.5	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Tributylphosphate (Surrogate)	83.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 8321A	Triphenyl phosphate (Surrogate)	87.8	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 8321A	Triphenyl phosphate (Surrogate)	91.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 8321A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 8321A	Triphenyl phosphate (Surrogate)	82.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 8321A	Triphenyl phosphate (Surrogate)	86	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 619	Tributylphosphate (Surrogate)	95.9	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 619	Tributylphosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 619	Tributylphosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 619	Tributylphosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 619	Tributylphosphate (Surrogate)	97.6	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 619	Triphenyl phosphate (Surrogate)	95.1	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 619	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 619	Triphenyl phosphate (Surrogate)	97.3	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 619	Triphenyl phosphate (Surrogate)	123	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 619	Triphenyl phosphate (Surrogate)	98.6	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	DDD (p,p')	0.003	µg/L	DNQ	0.003	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	69.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	92.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Decachlorobiphenyl (Surrogate)	92.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	90	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.8	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	67.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	72.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	81.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	65.9	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	65.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Chlorpyrifos	0.016	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Dimethoate	0.097	µg/L	DNQ	0.08	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Tributylphosphate (Surrogate)	96.9	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Tributylphosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Tributylphosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Tributylphosphate (Surrogate)	70.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Tributylphosphate (Surrogate)	99.3	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Tributylphosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Tributylphosphate (Surrogate)	123	%		NA	NA	100		None - No QA Qualifier	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Tributylphosphate (Surrogate)	83.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Tributylphosphate (Surrogate)	77.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Tributylphosphate (Surrogate)	98.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Triphenyl phosphate (Surrogate)	99.8	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8141A	Triphenyl phosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8141A	Triphenyl phosphate (Surrogate)	70.5	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8141A	Triphenyl phosphate (Surrogate)	81.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Triphenyl phosphate (Surrogate)	98.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8141A	Triphenyl phosphate (Surrogate)	79.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Tributylphosphate (Surrogate)	89.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Tributylphosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Tributylphosphate (Surrogate)	64.1	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Tributylphosphate (Surrogate)	90.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Tributylphosphate (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 8321A	Triphenyl phosphate (Surrogate)	94.6	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 8321A	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 8321A	Triphenyl phosphate (Surrogate)	64.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 8321A	Triphenyl phosphate (Surrogate)	96.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 8321A	Triphenyl phosphate (Surrogate)	79.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 619	Cyanazine	0.44	µg/L	DNQ	0.086	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 619	Tributylphosphate (Surrogate)	97.5	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 619	Tributylphosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 619	Tributylphosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 619	Tributylphosphate (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 619	Triphenyl phosphate (Surrogate)	94.6	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 619	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 619	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 619	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 619	Triphenyl phosphate (Surrogate)	68	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	DDT (p,p')	0.013	µg/L		0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	96.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	96.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	84	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	92.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	71.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.9	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	87.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	61.5	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Chlorpyrifos	0.017	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Chlorpyrifos	0.018	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Tributylphosphate (Surrogate)	96	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Tributylphosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Tributylphosphate (Surrogate)	69.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	84.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Tributylphosphate (Surrogate)	93.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Tributylphosphate (Surrogate)	99.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8141A	Triphenyl phosphate (Surrogate)	90.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8141A	Triphenyl phosphate (Surrogate)	71.5	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Triphenyl phosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8141A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	85	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Triphenyl phosphate (Surrogate)	70.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8141A	Triphenyl phosphate (Surrogate)	88	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Tributylphosphate (Surrogate)	75	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Tributylphosphate (Surrogate)	77.4	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Tributylphosphate (Surrogate)	69.5	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Tributylphosphate (Surrogate)	89.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Tributylphosphate (Surrogate)	53.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 8321A	Triphenyl phosphate (Surrogate)	76.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 8321A	Triphenyl phosphate (Surrogate)	86.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 8321A	Triphenyl phosphate (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 8321A	Triphenyl phosphate (Surrogate)	86.6	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 8321A	Triphenyl phosphate (Surrogate)	48.3	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 56-121	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 619	Tributylphosphate (Surrogate)	79.9	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 619	Tributylphosphate (Surrogate)	85.1	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 619	Tributylphosphate (Surrogate)	130	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 619	Tributylphosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 619	Tributylphosphate (Surrogate)	98.7	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 619	Triphenyl phosphate (Surrogate)	78.9	%		NA	NA	100		None - No QA Qualifier	PR 54-144	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 619	Triphenyl phosphate (Surrogate)	84.6	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 619	Triphenyl phosphate (Surrogate)	138	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 619	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 619	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	78.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	86	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	86	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	81	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	52.1	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	52.1	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	49.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	42.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.1	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	60	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.2	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	96.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	89	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Chlorpyrifos	0.011	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Tributylphosphate (Surrogate)	90.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Tributylphosphate (Surrogate)	77.4	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Tributylphosphate (Surrogate)	85.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Tributylphosphate (Surrogate)	127	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Tributylphosphate (Surrogate)	91.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Tributylphosphate (Surrogate)	84.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Tributylphosphate (Surrogate)	80.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Triphenyl phosphate (Surrogate)	93.5	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Triphenyl phosphate (Surrogate)	84.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8141A	Triphenyl phosphate (Surrogate)	78.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Triphenyl phosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8141A	Triphenyl phosphate (Surrogate)	90.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Triphenyl phosphate (Surrogate)	82.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8141A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	87.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Tributylphosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Tributylphosphate (Surrogate)	80.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Tributylphosphate (Surrogate)	91.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Tributylphosphate (Surrogate)	81.1	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Tributylphosphate (Surrogate)	81.6	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 8321A	Triphenyl phosphate (Surrogate)	93.5	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 8321A	Triphenyl phosphate (Surrogate)	92.6	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 8321A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 8321A	Triphenyl phosphate (Surrogate)	86.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 8321A	Triphenyl phosphate (Surrogate)	87	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 619	Tributylphosphate (Surrogate)	96	%		NA	NA	100		None - No QA Qualifier	PR 62-145	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 619	Tributylphosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 619	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 619	Triphenyl phosphate (Surrogate)	94.6	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 619	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 619	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	80	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	80	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	89.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.7	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier	PR 15-98	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	69.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	68.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	77.7	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Chlorpyrifos	0.012	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Chlorpyrifos	0.015	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Tributylphosphate (Surrogate)	94.6	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Tributylphosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Tributylphosphate (Surrogate)	68.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Tributylphosphate (Surrogate)	99.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Tributylphosphate (Surrogate)	81.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Triphenyl phosphate (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8141A	Triphenyl phosphate (Surrogate)	96	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8141A	Triphenyl phosphate (Surrogate)	69.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Triphenyl phosphate (Surrogate)	96.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8141A	Triphenyl phosphate (Surrogate)	79.7	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Tributylphosphate (Surrogate)	81.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Tributylphosphate (Surrogate)	99.5	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Tributylphosphate (Surrogate)	80.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 8321A	Triphenyl phosphate (Surrogate)	86.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 8321A	Triphenyl phosphate (Surrogate)	98.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 8321A	Triphenyl phosphate (Surrogate)	80.5	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 619	Cyanazine	0.13	µg/L	DNQ	0.086	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 619	Tributylphosphate (Surrogate)	85.3	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 619	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 619	Tributylphosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 619	Tributylphosphate (Surrogate)	89.6	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 619	Tributylphosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 619	Triphenyl phosphate (Surrogate)	86.2	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 619	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 619	Triphenyl phosphate (Surrogate)	98.6	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 619	Triphenyl phosphate (Surrogate)	87.3	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 619	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Bifenthrin	0.037	µg/L		0.006	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	95.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	95.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	82.5	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	91.1	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	70.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	83	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	59.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Decachlorobiphenyl (Surrogate)	62.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	69.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.6	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	67.8	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	77.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.1	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	74.5	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.3	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Chlorpyrifos	0.014	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Dimethoate	0.12	µg/L		0.08	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Tributylphosphate (Surrogate)	93.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Tributylphosphate (Surrogate)	90.1	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Tributylphosphate (Surrogate)	77.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Tributylphosphate (Surrogate)	97.3	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Tributylphosphate (Surrogate)	69.2	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 60-150	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Tributylphosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Tributylphosphate (Surrogate)	69.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Triphenyl phosphate (Surrogate)	80.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8141A	Triphenyl phosphate (Surrogate)	93.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8141A	Triphenyl phosphate (Surrogate)	74.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8141A	Triphenyl phosphate (Surrogate)	96.7	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Triphenyl phosphate (Surrogate)	92	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8141A	Triphenyl phosphate (Surrogate)	67.1	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Triphenyl phosphate (Surrogate)	69.5	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Carbaryl	0.25	µg/L		0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Tributylphosphate (Surrogate)	87.1	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Tributylphosphate (Surrogate)	64.9	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Tributylphosphate (Surrogate)	76.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Tributylphosphate (Surrogate)	74.4	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 8321A	Triphenyl phosphate (Surrogate)	91.5	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 8321A	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 8321A	Triphenyl phosphate (Surrogate)	62.4	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 8321A	Triphenyl phosphate (Surrogate)	78.7	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 8321A	Triphenyl phosphate (Surrogate)	79.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 619	Tributylphosphate (Surrogate)	89	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 619	Tributylphosphate (Surrogate)	96.8	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 619	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 619	Tributylphosphate (Surrogate)	97.1	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 619	Tributylphosphate (Surrogate)	95.9	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 619	Triphenyl phosphate (Surrogate)	93.2	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 619	Triphenyl phosphate (Surrogate)	97.2	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 619	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 619	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 619	Triphenyl phosphate (Surrogate)	95	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	81	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	81	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	72.4	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	66.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	101	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.6	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	69.9	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Decachlorobiphenyl (Surrogate)	70.8	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	74.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	74.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	51.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	46.7	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.3	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	85.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	85.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	92.2	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.6	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Chlorpyrifos	0.015	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Chlorpyrifos	0.14	µg/L		0.00259	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Chlorpyrifos	0.013	µg/L	DNQ	0.00259	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Dimethoate	0.27	µg/L		0.08	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Tributylphosphate (Surrogate)	99.7	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Tributylphosphate (Surrogate)	96.8	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Tributylphosphate (Surrogate)	68.5	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Tributylphosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Tributylphosphate (Surrogate)	70.3	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Tributylphosphate (Surrogate)	128	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Tributylphosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Tributylphosphate (Surrogate)	77.3	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Triphenyl phosphate (Surrogate)	90.6	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8141A	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Triphenyl phosphate (Surrogate)	70.4	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8141A	Triphenyl phosphate (Surrogate)	97.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Triphenyl phosphate (Surrogate)	97.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8141A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Triphenyl phosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8141A	Triphenyl phosphate (Surrogate)	78.2	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Triphenyl phosphate (Surrogate)	80.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8141A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Tributylphosphate (Surrogate)	97.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Tributylphosphate (Surrogate)	74.4	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Tributylphosphate (Surrogate)	69.2	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Tributylphosphate (Surrogate)	81.7	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Tributylphosphate (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 8321A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 8321A	Triphenyl phosphate (Surrogate)	86.9	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 8321A	Triphenyl phosphate (Surrogate)	67.1	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 8321A	Triphenyl phosphate (Surrogate)	81.2	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 8321A	Triphenyl phosphate (Surrogate)	81.7	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 619	Tributylphosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	PR 62-145	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 619	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 619	Triphenyl phosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier	PR 54-144	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	79	%		NA	NA	100		None - No QA Qualifier	PR 41-117	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.3	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.2	%		NA	NA	100		None - No QA Qualifier	PR 41-117	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Esfenvalerate / Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	94.9	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	98	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.4	%		NA	NA	100		None - No QA Qualifier	PR 38-113	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86.4	%		NA	NA	100		None - No QA Qualifier	PR 15-98	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.00259	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.00353	0.02			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Tributylphosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Tributylphosphate (Surrogate)	124	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Tributylphosphate (Surrogate)	86.3	%		NA	NA	100		None - No QA Qualifier	PR 60-150	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8141A	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Triphenyl phosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier	PR 56-129	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8141A	Triphenyl phosphate (Surrogate)	86.9	%		NA	NA	100		None - No QA Qualifier	PR 56-129	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Tributylphosphate (Surrogate)	250	%		NA	NA	100		Surrogate recovery is outside of control limits	PR 36-140	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Tributylphosphate (Surrogate)	84.8	%		NA	NA	100		None - No QA Qualifier	PR 36-140	
South Slough at Quinley Road	E	07/11/06	16:40	EPA 8321A	Triphenyl phosphate (Surrogate)	95.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	
South Slough at Quinley Road	E	08/09/06	8:10	EPA 8321A	Triphenyl phosphate (Surrogate)	86.3	%		NA	NA	100		None - No QA Qualifier	PR 56-121	

Table 5. ESJWQC sample results including environmental samples (E) for organic analysis performed by Northcoast laboratories (includes glyphosate and paraquat analysis). Samples were collected during the irrigation season of 2006 and are sorted by station name, analyte, and sample date.

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Ash Slough @ Ave 21	E	05/16/06	15:10	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Ash Slough @ Ave 21	E	06/13/06	12:10	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Ash Slough @ Ave 21	E	07/11/06	12:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.8	None - No QA Qualifier		
Ash Slough @ Ave 21	E	08/08/06	12:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Ash Slough @ Ave 21	E	09/12/06	12:05	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	05/17/06	13:00	EPA 549.2M	Paraquat dichloride	<0.16	µg/L	ND	0.16	0.46	A holding time violation has occurred.	Sample extracted within 7 days of sample date	DF=1.1, Sample was filtered and re-extracted due to non quantifiable result in original analysis
Bear Creek @ Kibby Rd	E	06/13/06	17:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	07/12/06	10:35	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	08/09/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Bear Creek @ Kibby Rd	E	09/12/06	15:45	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	05/16/06	14:45	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Berenda Slough along Avenue 18 1/2	E	06/13/06	11:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	07/11/06	11:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.8	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	08/08/06	10:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Berenda Slough along Avenue 18 1/2	E	09/12/06	10:50	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	05/18/06	8:30	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	RL elevated due to matrix interference, Sample Run outside hold time		DF=10; associated MS with zero recovery therefore sample re-extracted and re-analyzed to confirm original NQ result (original extraction on 5/24/06)
Black Rascal Creek @ Yosemite Road	E	06/14/06	10:35	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	07/12/06	11:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	08/09/06	10:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Black Rascal Creek @ Yosemite Road	E	09/12/06	16:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	05/16/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	A holding time violation has occurred.	Sample extracted within 7 days of sample date	Sample was filtered and re-extracted due to non quantifiable result in original analysis (extraction date 5/19/06)
Cottonwood Creek @ Road 20	E	06/13/06	8:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	07/11/06	8:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.8	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	08/08/06	8:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Cottonwood Creek @ Road 20	E	09/12/06	8:55	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creak @ Highway 59	E	08/08/06	14:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creak @ Highway 59	E	09/12/06	13:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creak @ Highway 59	E	05/17/06	8:15	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Deadman Creak @ Highway 59	E	06/13/06	13:50	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Deadman Creak @ Highway 59	E	07/11/06	14:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.8	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek @ Highway 59	E	08/08/06	14:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Deadman Creek @ Highway 59	E	09/12/06	13:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	05/17/06	9:40	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Deadman Creek (Dutchman) @ Gurr Rd	E	06/13/06	14:50	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	07/11/06	15:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.8	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	08/08/06	15:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Deadman Creek (Dutchman) @ Gurr Rd	E	09/12/06	14:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	05/18/06	12:00	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Dry Creek @ Wellsford Road	E	06/15/06	10:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	07/13/06	11:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	08/10/06	12:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Dry Creek @ Wellsford Road	E	09/14/06	9:35	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	1.5	None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Dry Creek at Road 18	E	05/16/06	13:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Dry Creek at Road 18	E	06/13/06	9:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Dry Creek at Road 18	E	07/11/06	9:50	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.8	None - No QA Qualifier		
Dry Creek at Road 18	E	08/08/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Dry Creek at Road 18	E	09/12/06	10:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	05/17/06	10:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L		0.14	0.4	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	06/14/06	8:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	07/12/06	8:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	08/08/06	15:55	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Duck Slough @ Gurr Rd	E	09/13/06	9:10	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	Reporting limits elevated due to matrix interferences		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	05/17/06	11:45	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Duck Slough @ Hwy 99	E	06/14/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	07/12/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	08/08/06	17:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Duck Slough @ Hwy 99	E	09/13/06	8:05	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	Reporting limits elevated due to matrix interferences		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Highline Canal @ Hwy 99	E	05/17/06	14:35	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	06/14/06	11:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Highline Canal @ Hwy 99	E	07/12/06	13:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Highline Canal @ Hwy 99	E	08/09/06	11:45	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Highline Canal @ Hwy 99	E	09/13/06	11:45	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	Reporting limits elevated due to matrix interferences		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	05/17/06	15:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L		0.14	0.4	None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	06/14/06	12:25	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	07/12/06	14:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Highline Canal @ Lombardy Rd	E	08/09/06	12:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	09/13/06	12:35	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	Reporting limits elevated due to matrix interferences		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	05/18/06	15:10	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Hilmar Drain @ Central Ave	E	06/15/06	12:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	07/13/06	12:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	08/10/06	14:50	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Hilmar Drain @ Central Ave	E	09/14/06	12:00	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	1.5	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	05/17/06	16:30	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Jones Drain @ Oakdale Road	E	06/14/06	15:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	07/13/06	8:45	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Jones Drain @ Oakdale Road	E	08/10/06	8:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	09/13/06	15:05	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	Reporting limits elevated due to matrix interferences		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Merced River @ Santa Fe	E	05/16/06	18:35	EPA 549.2M	Paraquat dichloride	0.24	µg/L		0.14	0.4	None - No QA Qualifier		
Merced River @ Santa Fe	E	06/14/06	13:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Merced River @ Santa Fe	E	07/12/06	16:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Merced River @ Santa Fe	E	08/09/06	13:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Merced River @ Santa Fe	E	09/13/06	13:15	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	Reporting limits elevated due to matrix interferences		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Mustang Creek @ East Ave	E	05/18/06	10:40	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Mustang Creek @ East Ave	E	06/15/06	8:55	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Mustang Creek @ East Ave	E	08/10/06	10:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	40	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	05/18/06	16:15	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Prairie Flower Drain @ Crows Landing Road	E	06/15/06	11:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	07/13/06	13:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	08/10/06	13:45	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Prairie Flower Drain @ Crows Landing Road	E	09/14/06	10:55	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	1.5	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 547M	Glyphosate	12	µg/L		4	5	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	05/18/06	13:40	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	Reporting limits elevated due to matrix interferences		DF=10
Silva Drain @ Meadow Drive	E	06/14/06	14:15	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	07/13/06	8:05	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		
Silva Drain @ Meadow Drive	E	08/09/06	15:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	09/13/06	14:15	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	Reporting limits elevated due to matrix interferences		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	None - No QA Qualifier		
South Slough at Quinley Road	E	07/11/06	16:40	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.8	None - No QA Qualifier		
South Slough at Quinley Road	E	08/09/06	8:10	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	None - No QA Qualifier		

Table 6. ESJWQC sample results including environmental samples (E) for inorganic, E.coli, and metal analysis. Samples were collected during the irrigation season of 2006 and are sorted by station name, analyte, and sample date.

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 350.2	Ammonia as N	NA	mg/L		0.07	0.1			Insufficient sample to perform the analysis		
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Arsenic	1.2	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Arsenic	1.4	µg/L		0.2	0.5	1.2	15	None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Arsenic	0.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Arsenic	0.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Arsenic	0.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Arsenic	0.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Boron	10	µg/L		0.2	1			RPD exceeds laboratory control limit	RPD ≤ 25	DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Boron	20	µg/L		0.2	1	10	67	RPD exceeds laboratory control limit	RPD ≤ 25	DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Boron	7	µg/L		0.4	2			None - No QA Qualifier		DF=2
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Boron	8	µg/L		0.2	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Boron	14	µg/L		0.2	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1	<0.4	NA	None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 110.2	Color	45	color units		15	15			None - No QA Qualifier		DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 110.2	Color	9	color units		3	75			None - No QA Qualifier		DF=25
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 110.2	Color	24	color units		6	6			None - No QA Qualifier		DF=2
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 110.2	Color	30	color units		3	6			None - No QA Qualifier		DF=2
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 110.2	Color	26	color units		3	6			None - No QA Qualifier		DF=2
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Copper	4.8	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Copper	4.6	µg/L		0.08	0.5	4.8	4.3	None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Copper	17	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Copper	6.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Copper	6.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Copper	9.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	SM 9223	E. coli	39	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	SM 9223	E. coli	770	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	SM 9223	E. coli	36	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:41 DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	SM 9223	E. coli	12	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	SM 9223	E. coli	63	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 130.2	Hardness as CaCO3	22	mg/L		3	5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 130.2	Hardness as CaCO3	28	mg/L		3	5	22	24	None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 130.2	Hardness as CaCO3	30	mg/L		3	5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 130.2	Hardness as CaCO3	38	mg/L		3	5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 130.2	Hardness as CaCO3	28	mg/L		3	5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 130.2	Hardness as CaCO3	30	mg/L		3	5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Lead	0.68	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Lead	0.66	µg/L		0.07	0.25	0.68	3	None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Lead	1.6	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Lead	0.18	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Lead	0.15	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Lead	0.34	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Nickel	2	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Nickel	2	µg/L		0.2	0.5	2	0	None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Nickel	5	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Nickel	0.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Nickel	0.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Nickel	1.1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 300.0	Nitrate as N	0.035	mg/L	DNQ	0.03	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 300.0	Nitrate as N	0.029	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 300.0	Nitrate as N	0.76	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 354.1	Nitrite as N	0.012	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 351.3	Nitrogen, Total Kjeldahl	NA	mg/L		0.07	0.1			Insufficient sample to perform the analysis		
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 351.3	Nitrogen, Total Kjeldahl	0.33	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 351.3	Nitrogen, Total Kjeldahl	0.099	mg/L	DNQ	0.07	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 351.3	Nitrogen, Total Kjeldahl	0.29	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 365.2	OrthoPhosphate as P	0.03	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 365.2	OrthoPhosphate as P	0.079	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 365.2	OrthoPhosphate as P	0.024	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 365.2	OrthoPhosphate as P	0.047	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 365.2	OrthoPhosphate as P	0.032	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 365.2	Phosphate as P	NA	mg/L		0.01	0.01			Insufficient sample to perform the analysis		
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 365.2	Phosphate as P	0.2	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 365.2	Phosphate as P	0.054	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 365.2	Phosphate as P	0.079	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 365.2	Phosphate as P	0.059	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1	<0.7	NA	None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Selenium	5	µg/L		0.9	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 160.1	Total Dissolved Solids	55	mg/L		5.6	10			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 160.1	Total Dissolved Solids	210	mg/L		40	100			None - No QA Qualifier		DF=10
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 160.1	Total Dissolved Solids	67	mg/L		4	10			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 160.1	Total Dissolved Solids	53	mg/L		4	10			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 160.1	Total Dissolved Solids	55	mg/L		4	10			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 415.1	Total Organic Carbon	3.5	mg/L		0.6	1			None - No QA Qualifier		DF=2
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 415.1	Total Organic Carbon	3.3	mg/L		0.6	1			None - No QA Qualifier		DF=2
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 415.1	Total Organic Carbon	2.6	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 415.1	Total Organic Carbon	2.5	mg/L		0.6	1			None - No QA Qualifier		DF=2
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 415.1	Total Organic Carbon	3.1	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 180.1	Turbidity	33	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 180.1	Turbidity	93	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 180.1	Turbidity	9.3	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 180.1	Turbidity	14	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	05/16/06	15:10	EPA 200.8	Zinc	8	µg/L		0.8	2			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	2.00	05/16/06	15:10	EPA 200.8	Zinc	7	µg/L		0.8	2	8	13	None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	06/13/06	12:10	EPA 200.8	Zinc	22	µg/L		0.4	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	07/11/06	12:15	EPA 200.8	Zinc	3	µg/L		0.4	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	08/08/06	12:20	EPA 200.8	Zinc	2	µg/L		0.4	1			None - No QA Qualifier		DF=1
Ash Slough @ Ave 21	E	1.00	1.00	09/12/06	12:05	EPA 200.8	Zinc	14	µg/L		0.4	2			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Arsenic	0.6	µg/L		0.2	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Arsenic	0.5	µg/L	DNQ	0.2	0.5	0.6	18	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Arsenic	0.4	µg/L	DNQ	0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Arsenic	0.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Boron	13	µg/L		0.4	2			RPD exceeds laboratory control limit	RPD ≤ 25	DF=2
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Boron	18	µg/L		0.2	1	13	32	RPD exceeds laboratory control limit	RPD ≤ 25	DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Boron	5	µg/L		0.2	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Boron	5	µg/L		0.2	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Boron	10	µg/L		0.4	2			None - No QA Qualifier		DF=2
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1	<0.04	NA	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 110.2	Color	20	color units		3	3			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 110.2	Color	18	color units		3	3			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 110.2	Color	19	color units		3	3			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 110.2	Color	14	color units		3	3			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 110.2	Color	26	color units		3	6			None - No QA Qualifier		DF=2
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Copper	1.9	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Copper	2	µg/L		0.08	0.5	1.9	5.1	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Copper	1.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Copper	1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Copper	1.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Copper	3.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	SM 9223	E. coli	78	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	SM 9223	E. coli	39	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	SM 9223	E. coli	20	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:55 DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	SM 9223	E. coli	38	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:17 DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	SM 9223	E. coli	39	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 130.2	Hardness as CaCO3	30	mg/L		3	5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 130.2	Hardness as CaCO3	28	mg/L		3	5	30	6.9	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 130.2	Hardness as CaCO3	24	mg/L		3	5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 130.2	Hardness as CaCO3	24	mg/L		3	5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 130.2	Hardness as CaCO3	18	mg/L		3	5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 130.2	Hardness as CaCO3	32	mg/L		3	5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Lead	0.46	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Lead	0.48	µg/L		0.07	0.25	0.46	4.3	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Lead	0.24	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Lead	0.19	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Lead	0.29	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Lead	0.57	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Nickel	1.2	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Nickel	1.4	µg/L		0.2	0.5	1.2	15	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Nickel	0.6	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Nickel	0.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Nickel	0.9	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Nickel	1.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 300.0	Nitrate as N	0.039	mg/L	DNQ	0.03	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 300.0	Nitrate as N	0.038	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 300.0	Nitrate as N	0.04	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 300.0	Nitrate as N	0.029	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 300.0	Nitrate as N	0.054	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.14	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 351.3	Nitrogen, Total Kjeldahl	0.19	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.15	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 351.3	Nitrogen, Total Kjeldahl	0.79	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 365.2	OrthoPhosphate as P	0.068	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 365.2	OrthoPhosphate as P	0.053	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 365.2	Phosphate as P	0.044	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 365.2	Phosphate as P	0.05	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 365.2	Phosphate as P	0.032	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 365.2	Phosphate as P	0.041	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 365.2	Phosphate as P	0.15	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1	<0.7	NA	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Selenium	2	µg/L		0.9	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 160.1	Total Dissolved Solids	37	mg/L		5.6	10			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 160.1	Total Dissolved Solids	39	mg/L		4	10			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 160.1	Total Dissolved Solids	44	mg/L		4	10			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 160.1	Total Dissolved Solids	40	mg/L		8	20			None - No QA Qualifier		DF=2
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 415.1	Total Organic Carbon	2.5	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 415.1	Total Organic Carbon	2.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 415.1	Total Organic Carbon	2.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 415.1	Total Organic Carbon	3.5	mg/L		0.6	1			None - No QA Qualifier		DF=2
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 415.1	Total Organic Carbon	4.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 180.1	Turbidity	6.1	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 180.1	Turbidity	4.5	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 180.1	Turbidity	4.7	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 180.1	Turbidity	6.8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	08/09/06	9:30	EPA 180.1	Turbidity	6.7	NTU		0.02	0.05	6.8	1	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 180.1	Turbidity	9.5	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	05/17/06	13:00	EPA 200.8	Zinc	3	µg/L		0.8	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	2.00	05/17/06	13:00	EPA 200.8	Zinc	3	µg/L		0.8	1	3	0	None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	06/13/06	17:00	EPA 200.8	Zinc	4	µg/L		0.4	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	07/12/06	10:35	EPA 200.8	Zinc	3	µg/L		0.4	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	08/09/06	9:30	EPA 200.8	Zinc	5	µg/L		0.4	1			None - No QA Qualifier		DF=1
Bear Creek @ Kibby Rd	E	1.00	1.00	09/12/06	15:45	EPA 200.8	Zinc	17	µg/L		0.4	2			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	09/12/06	10:50	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	05/16/06	14:45	EPA 110.2	Color	48	color units		6	6			None - No QA Qualifier		DF=2
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	06/13/06	11:15	EPA 110.2	Color	25	color units		3	3			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	07/11/06	11:15	EPA 110.2	Color	34	color units		6	6			None - No QA Qualifier		DF=2
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	08/08/06	10:40	EPA 110.2	Color	40	color units		3	6			None - No QA Qualifier		DF=2
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	09/12/06	10:50	EPA 110.2	Color	26	color units		3	6			None - No QA Qualifier		DF=2
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	05/16/06	14:45	SM 9223	E. coli	100	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	06/13/06	11:15	SM 9223	E. coli	460	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	07/11/06	11:15	SM 9223	E. coli	30	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:41 DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	08/08/06	10:40	SM 9223	E. coli	210	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	09/12/06	10:50	SM 9223	E. coli	230	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	05/16/06	14:45	EPA 160.1	Total Dissolved Solids	54	mg/L		5.6	10			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	06/13/06	11:15	EPA 160.1	Total Dissolved Solids	46	mg/L		4	10			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	07/11/06	11:15	EPA 160.1	Total Dissolved Solids	57	mg/L		4	10			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	08/08/06	10:40	EPA 160.1	Total Dissolved Solids	52	mg/L		4	10			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	09/12/06	10:50	EPA 160.1	Total Dissolved Solids	38	mg/L		8	20			None - No QA Qualifier		DF=2
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	05/16/06	14:45	EPA 415.1	Total Organic Carbon	5.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	06/13/06	11:15	EPA 415.1	Total Organic Carbon	3.8	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	07/11/06	11:15	EPA 415.1	Total Organic Carbon	3.5	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	08/08/06	10:40	EPA 415.1	Total Organic Carbon	2.9	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	09/12/06	10:50	EPA 415.1	Total Organic Carbon	4.1	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	05/16/06	14:45	EPA 180.1	Turbidity	3.2	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	06/13/06	11:15	EPA 180.1	Turbidity	3.3	NTU		0.02	0.05			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	07/11/06	11:15	EPA 180.1	Turbidity	9.4	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	08/08/06	10:40	EPA 180.1	Turbidity	20	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Berenda Slough along Avenue 18 1/2	E	1.00	1.00	09/12/06	10:50	EPA 180.1	Turbidity	9.3	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	09/12/06	16:30	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	05/18/06	8:30	EPA 110.2	Color	280	color units		75	75			None - No QA Qualifier		DF=25
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	06/14/06	10:35	EPA 110.2	Color	90	color units		3	15			None - No QA Qualifier		DF=5
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	07/12/06	11:40	EPA 110.2	Color	90	color units		15	15			None - No QA Qualifier		DF=5
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	08/09/06	10:20	EPA 110.2	Color	44	color units		3	6			None - No QA Qualifier		DF=2
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	09/12/06	16:30	EPA 110.2	Color	100	color units		3	15			None - No QA Qualifier		DF=5
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	05/18/06	8:30	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=08:00 DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	06/14/06	10:35	SM 9223	E. coli	490	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:32 DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	07/12/06	11:40	SM 9223	E. coli	57	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:55 DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	08/09/06	10:20	SM 9223	E. coli	56	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:17 DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	09/12/06	16:30	SM 9223	E. coli	120	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	05/18/06	8:30	EPA 160.1	Total Dissolved Solids	120	mg/L		5.6	10			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	06/14/06	10:35	EPA 160.1	Total Dissolved Solids	180	mg/L		8	20			None - No QA Qualifier		DF=2
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	07/12/06	11:40	EPA 160.1	Total Dissolved Solids	120	mg/L		8	20			None - No QA Qualifier		DF=2
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	08/09/06	10:20	EPA 160.1	Total Dissolved Solids	54	mg/L		8	20			None - No QA Qualifier		DF=2
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	09/12/06	16:30	EPA 160.1	Total Dissolved Solids	54	mg/L		8	20			None - No QA Qualifier		DF=2
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	05/18/06	8:30	EPA 415.1	Total Organic Carbon	12	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	06/14/06	10:35	EPA 415.1	Total Organic Carbon	8.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	07/12/06	11:40	EPA 415.1	Total Organic Carbon	4.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	08/09/06	10:20	EPA 415.1	Total Organic Carbon	3.9	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	09/12/06	16:30	EPA 415.1	Total Organic Carbon	4.9	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	05/18/06	8:30	EPA 180.1	Turbidity	140	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	2.00	05/18/06	8:30	EPA 180.1	Turbidity	140	NTU		0.02	0.05	140	1.6	None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	06/14/06	10:35	EPA 180.1	Turbidity	45	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	07/12/06	11:40	EPA 180.1	Turbidity	37	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	08/09/06	10:20	EPA 180.1	Turbidity	21	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Black Rascal Creek @ Yosemite Road	E	1.00	1.00	09/12/06	16:30	EPA 180.1	Turbidity	28	NTU		0.02	0.05			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 350.2	Ammonia as N	NA	mg/L		0.07	0.1			Insufficient sample to perform the analysis		
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Arsenic	1.2	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Arsenic	0.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Arsenic	1.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Arsenic	1.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Arsenic	0.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Boron	32	µg/L		0.2	1			Field duplicate RPD above QC limit	RPD ≤ 25	DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Boron	11	µg/L		0.2	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Boron	16	µg/L		0.2	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Boron	15	µg/L		0.4	2			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Boron	20	µg/L		0.4	2			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 110.2	Color	36	color units		6	6			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 110.2	Color	40	color units		3	15			None - No QA Qualifier		DF=5
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 110.2	Color	37	color units		3	3			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 110.2	Color	40	color units		3	6			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 110.2	Color	44	color units		3	6			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Copper	4.4	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Copper	8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Copper	5.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Copper	4.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Copper	5.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	2.00	1.00	05/16/06	9:30	SM 9223	E. coli	160	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	SM 9223	E. coli	170	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Cottonwood Creek @ Road 20	E	2.00	2.00	05/16/06	9:30	SM 9223	E. coli	180	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	SM 9223	E. coli	99	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	SM 9223	E. coli	180	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:41 DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	SM 9223	E. coli	60	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	SM 9223	E. coli	56	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 130.2	Hardness as CaCO3	32	mg/L		6	10			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 130.2	Hardness as CaCO3	28	mg/L		3	5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 130.2	Hardness as CaCO3	54	mg/L		3	5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 130.2	Hardness as CaCO3	50	mg/L		3	5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 130.2	Hardness as CaCO3	42	mg/L		3	5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Lead	0.42	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Lead	0.73	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Lead	0.52	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Lead	0.41	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Lead	0.52	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Nickel	0.8	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Nickel	1.1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Nickel	1.1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Nickel	1.2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Nickel	1.1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 300.0	Nitrate as N	0.21	mg/L		0.03	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 300.0	Nitrate as N	0.075	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 300.0	Nitrate as N	0.15	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 300.0	Nitrate as N	0.024	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 351.3	Nitrogen, Total Kjeldahl	NA	mg/L		0.07	0.1			Insufficient sample to perform the analysis		
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 351.3	Nitrogen, Total Kjeldahl	0.68	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.36	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 351.3	Nitrogen, Total Kjeldahl	0.48	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 365.2	OrthoPhosphate as P	0.049	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 365.2	OrthoPhosphate as P	0.019	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 365.2	OrthoPhosphate as P	0.026	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 365.2	OrthoPhosphate as P	0.05	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 365.2	OrthoPhosphate as P	0.041	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 365.2	Phosphate as P	0.1	mg/L		0.01	0.01			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 365.2	Phosphate as P	0.097	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 365.2	Phosphate as P	0.072	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 365.2	Phosphate as P	0.097	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 365.2	Phosphate as P	0.055	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 160.1	Total Dissolved Solids	67	mg/L		5.6	10			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 160.1	Total Dissolved Solids	100	mg/L		8	20			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 160.1	Total Dissolved Solids	90	mg/L		8	20			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 160.1	Total Dissolved Solids	93	mg/L		4	10			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 160.1	Total Dissolved Solids	81	mg/L		4	10			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 415.1	Total Organic Carbon	4.6	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 415.1	Total Organic Carbon	3.6	mg/L		0.6	1			None - No QA Qualifier		DF=2
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 415.1	Total Organic Carbon	4.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 415.1	Total Organic Carbon	3.6	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 415.1	Total Organic Carbon	5.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 180.1	Turbidity	11	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 180.1	Turbidity	15	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 180.1	Turbidity	10	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 180.1	Turbidity	11	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	05/16/06	9:30	EPA 200.8	Zinc	4	µg/L		0.8	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	06/13/06	8:15	EPA 200.8	Zinc	7	µg/L		0.4	1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	E	1.00	1.00	07/11/06	8:30	EPA 200.8	Zinc	5	µg/L		0.4	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	08/08/06	8:15	EPA 200.8	Zinc	4	µg/L		0.4	1			None - No QA Qualifier		DF=1
Cottonwood Creek @ Road 20	E	1.00	1.00	09/12/06	8:55	EPA 200.8	Zinc	20	µg/L		0.4	1			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	09/12/06	13:15	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	05/17/06	8:15	EPA 110.2	Color	85	color units		15	15			None - No QA Qualifier		DF=5
Deadman Creak @ Highway 59	E	1.00	1.00	06/13/06	13:50	EPA 110.2	Color	45	color units		3	15			None - No QA Qualifier		DF=5
Deadman Creak @ Highway 59	E	1.00	1.00	07/11/06	14:00	EPA 110.2	Color	34	color units		6	6			None - No QA Qualifier		DF=2
Deadman Creak @ Highway 59	E	1.00	1.00	08/08/06	14:00	EPA 110.2	Color	60	color units		3	15			None - No QA Qualifier		DF=5
Deadman Creak @ Highway 59	E	1.00	1.00	09/12/06	13:15	EPA 110.2	Color	36	color units		3	6			None - No QA Qualifier		DF=2
Deadman Creak @ Highway 59	E	1.00	1.00	05/17/06	8:15	SM 9223	E. coli	210	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	06/13/06	13:50	SM 9223	E. coli	180	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	07/11/06	14:00	SM 9223	E. coli	56	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:41 DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	08/08/06	14:00	SM 9223	E. coli	130	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	09/12/06	13:15	SM 9223	E. coli	120	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	05/17/06	8:15	EPA 160.1	Total Dissolved Solids	260	mg/L		5.6	10			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	06/13/06	13:50	EPA 160.1	Total Dissolved Solids	250	mg/L		8	20			None - No QA Qualifier		DF=2
Deadman Creak @ Highway 59	E	1.00	1.00	07/11/06	14:00	EPA 160.1	Total Dissolved Solids	300	mg/L		8	20			None - No QA Qualifier		DF=2
Deadman Creak @ Highway 59	E	1.00	1.00	08/08/06	14:00	EPA 160.1	Total Dissolved Solids	230	mg/L		8	20			None - No QA Qualifier		DF=2
Deadman Creak @ Highway 59	E	1.00	1.00	09/12/06	13:15	EPA 160.1	Total Dissolved Solids	310	mg/L		8	20			None - No QA Qualifier		DF=2
Deadman Creak @ Highway 59	E	1.00	1.00	05/17/06	8:15	EPA 415.1	Total Organic Carbon	7.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creak @ Highway 59	E	1.00	1.00	06/13/06	13:50	EPA 415.1	Total Organic Carbon	5.1	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	07/11/06	14:00	EPA 415.1	Total Organic Carbon	0.66	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	08/08/06	14:00	EPA 415.1	Total Organic Carbon	2.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	09/12/06	13:15	EPA 415.1	Total Organic Carbon	4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	05/17/06	8:15	EPA 180.1	Turbidity	22	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	06/13/06	13:50	EPA 180.1	Turbidity	24	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	07/11/06	14:00	EPA 180.1	Turbidity	17	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	08/08/06	14:00	EPA 180.1	Turbidity	27	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	2.00	08/08/06	14:00	EPA 180.1	Turbidity	28	NTU		0.02	0.05	27	1.4	None - No QA Qualifier		DF=1
Deadman Creak @ Highway 59	E	1.00	1.00	09/12/06	13:15	EPA 180.1	Turbidity	23	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Arsenic	9.8	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Arsenic	5.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Arsenic	5.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Arsenic	6.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Arsenic	8.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Boron	38	µg/L		0.4	2			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Boron	45	µg/L		0.4	2			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Boron	29	µg/L		0.4	2			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Boron	34	µg/L		1	5			None - No QA Qualifier		DF=5
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Boron	31	µg/L		0.4	2			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Cadmium	0.03	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Cadmium	0.03	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 110.2	Color	65	color units		15	15			None - No QA Qualifier		DF=5
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 110.2	Color	40	color units		3	15			None - No QA Qualifier		DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 110.2	Color	70	color units		15	15			None - No QA Qualifier		DF=5
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 110.2	Color	100	color units		3	15			None - No QA Qualifier		DF=5
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 110.2	Color	40	color units		3	15			None - No QA Qualifier		DF=5
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Copper	7.5	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Copper	4.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Copper	9.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Copper	6.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Copper	7.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	SM 9223	E. coli	1200	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	SM 9223	E. coli	310	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	SM 9223	E. coli	490	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:41 DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	SM 9223	E. coli	390	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 130.2	Hardness as CaCO3	90	mg/L		3	5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 130.2	Hardness as CaCO3	94	mg/L		3	5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 130.2	Hardness as CaCO3	110	mg/L		3	5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 130.2	Hardness as CaCO3	130	mg/L		3	5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 130.2	Hardness as CaCO3	140	mg/L		3	5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Lead	1.1	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Lead	0.69	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Lead	1.8	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Lead	1.3	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Lead	1.4	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Nickel	6.8	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Nickel	3.9	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Nickel	9.2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Nickel	7.3	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Nickel	8.6	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 300.0	Nitrate as N	0.97	mg/L		0.03	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 300.0	Nitrate as N	2.3	mg/L		0.006	0.05			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 300.0	Nitrate as N	2.4	mg/L		0.012	0.1			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 300.0	Nitrate as N	2.2	mg/L		0.012	0.1			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 300.0	Nitrate as N	1.1	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 354.1	Nitrite as N	0.14	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 354.1	Nitrite as N	0.021	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 354.1	Nitrite as N	0.065	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 354.1	Nitrite as N	0.04	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 354.1	Nitrite as N	0.034	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 351.3	Nitrogen, Total Kjeldahl	1.2	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 351.3	Nitrogen, Total Kjeldahl	0.71	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 351.3	Nitrogen, Total Kjeldahl	1.3	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.86	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 351.3	Nitrogen, Total Kjeldahl	1.1	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 365.2	OrthoPhosphate as P	1	mg/L		0.05	0.05			None - No QA Qualifier		DF=5
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 365.2	OrthoPhosphate as P	0.77	mg/L		0.01	0.01			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 365.2	OrthoPhosphate as P	0.39	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 365.2	OrthoPhosphate as P	0.49	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 365.2	OrthoPhosphate as P	0.17	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 365.2	Phosphate as P	0.94	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 365.2	Phosphate as P	0.83	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 365.2	Phosphate as P	0.49	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 365.2	Phosphate as P	0.62	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 365.2	Phosphate as P	0.34	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Selenium	3	µg/L		0.9	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 160.1	Total Dissolved Solids	190	mg/L		5.6	10			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 160.1	Total Dissolved Solids	260	mg/L		8	20			None - No QA Qualifier		DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 160.1	Total Dissolved Solids	220	mg/L		8	20			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 160.1	Total Dissolved Solids	300	mg/L		8	20			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 160.1	Total Dissolved Solids	280	mg/L		8	20			None - No QA Qualifier		DF=2
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 415.1	Total Organic Carbon	7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 415.1	Total Organic Carbon	5.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 415.1	Total Organic Carbon	4.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 415.1	Total Organic Carbon	1.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 415.1	Total Organic Carbon	4.5	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 180.1	Turbidity	40	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 180.1	Turbidity	22	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 180.1	Turbidity	62	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 180.1	Turbidity	51	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 180.1	Turbidity	53	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	05/17/06	9:40	EPA 200.8	Zinc	11	µg/L		0.8	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	06/13/06	14:50	EPA 200.8	Zinc	15	µg/L		0.4	1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	07/11/06	15:15	EPA 200.8	Zinc	19	µg/L		0.4	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	08/08/06	15:00	EPA 200.8	Zinc	13	µg/L		0.4	1			None - No QA Qualifier		DF=1
Deadman Creek (Dutchman) @ Gurr Rd	E	1.00	1.00	09/12/06	14:15	EPA 200.8	Zinc	29	µg/L		0.4	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 350.2	Ammonia as N	0.41	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 350.2	Ammonia as N	0.16	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Arsenic	1.3	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Arsenic	0.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Arsenic	0.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Arsenic	1.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Arsenic	0.4	µg/L	DNQ	0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Boron	26	µg/L		0.4	2			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Boron	14	µg/L		0.2	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Boron	16	µg/L		0.2	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Boron	16	µg/L		0.2	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Boron	16	µg/L		0.4	2			None - No QA Qualifier		DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 110.2	Color	120	color units		15	15			None - No QA Qualifier		DF=5
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 110.2	Color	74	color units		3	6			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 110.2	Color	74	color units		6	6			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 110.2	Color	70	color units		3	6			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 110.2	Color	65	color units		3	15			None - No QA Qualifier		DF=5
Dry Creek @ Wellsford Road	E	1.00	2.00	09/14/06	9:35	EPA 110.2	Color	65	color units		3	15	65	0	None - No QA Qualifier		DF=5
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Copper	5.1	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Copper	3.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Copper	3.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Copper	3.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Copper	3.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	SM 9223	E. coli	280	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:00 DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	SM 9223	E. coli	210	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:43 DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	SM 9223	E. coli	61	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	SM 9223	E. coli	68	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:45 DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	SM 9223	E. coli	310	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:31 DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 130.2	Hardness as CaCO3	54	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 130.2	Hardness as CaCO3	60	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 130.2	Hardness as CaCO3	80	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 130.2	Hardness as CaCO3	56	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 130.2	Hardness as CaCO3	42	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Lead	0.54	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Lead	0.64	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Lead	0.38	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Lead	0.48	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Lead	0.41	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Nickel	3.4	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Nickel	2.3	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Nickel	2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Nickel	2.4	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Nickel	1.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 300.0	Nitrate as N	0.76	mg/L		0.03	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 300.0	Nitrate as N	0.17	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 300.0	Nitrate as N	0.1	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 300.0	Nitrate as N	0.35	mg/L		0.006	0.05			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 300.0	Nitrate as N	0.15	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 354.1	Nitrite as N	0.16	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 354.1	Nitrite as N	0.014	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 354.1	Nitrite as N	0.008	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 354.1	Nitrite as N	0.07	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 354.1	Nitrite as N	0.009	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 351.3	Nitrogen, Total Kjeldahl	1.8	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 351.3	Nitrogen, Total Kjeldahl	0.98	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 351.3	Nitrogen, Total Kjeldahl	2.4	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.85	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 351.3	Nitrogen, Total Kjeldahl	0.64	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 365.2	OrthoPhosphate as P	1.8	mg/L		0.05	0.05			None - No QA Qualifier		DF=5
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 365.2	OrthoPhosphate as P	0.47	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 365.2	OrthoPhosphate as P	0.55	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 365.2	OrthoPhosphate as P	0.66	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 365.2	OrthoPhosphate as P	0.48	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 365.2	Phosphate as P	1.5	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 365.2	Phosphate as P	0.58	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 365.2	Phosphate as P	0.59	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 365.2	Phosphate as P	0.74	mg/L		0.01	0.01			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 365.2	Phosphate as P	0.47	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	2			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 160.1	Total Dissolved Solids	110	mg/L		5.6	10			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 160.1	Total Dissolved Solids	98	mg/L		8	20			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 160.1	Total Dissolved Solids	100	mg/L		8	20			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 160.1	Total Dissolved Solids	88	mg/L		8	20			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 160.1	Total Dissolved Solids	94	mg/L		8	20			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 415.1	Total Organic Carbon	13	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 415.1	Total Organic Carbon	12	mg/L		0.6	1			None - No QA Qualifier		DF=2
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 415.1	Total Organic Carbon	9.2	mg/L		1.5	2			None - No QA Qualifier		DF=5
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 415.1	Total Organic Carbon	6.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 415.1	Total Organic Carbon	7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 180.1	Turbidity	17	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	2.00	06/15/06	10:20	EPA 180.1	Turbidity	16	NTU		0.02	0.05	17	3.5	None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 180.1	Turbidity	8.4	NTU		0.02	0.05			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 180.1	Turbidity	16	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	2.00	09/14/06	9:35	EPA 180.1	Turbidity	12	NTU		0.02	0.05	12	1.9	None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	05/18/06	12:00	EPA 200.8	Zinc	12	µg/L		0.8	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	06/15/06	10:20	EPA 200.8	Zinc	11	µg/L		0.4	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	07/13/06	11:00	EPA 200.8	Zinc	5	µg/L		0.4	1			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	08/10/06	12:00	EPA 200.8	Zinc	6	µg/L		0.4	2			None - No QA Qualifier		DF=1
Dry Creek @ Wellsford Road	E	1.00	1.00	09/14/06	9:35	EPA 200.8	Zinc	15	µg/L		0.4	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 350.2	Ammonia as N	NA	mg/L		0.07	0.1			Insufficient sample to perform the analysis		
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 350.2	Ammonia as N	0.066	mg/L	DNQ	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Arsenic	1.7	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Arsenic	0.5	µg/L	DNQ	0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Arsenic	0.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Arsenic	0.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Arsenic	0.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Boron	11	µg/L		0.2	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Boron	7	µg/L		0.2	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Boron	8	µg/L		0.2	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Boron	9	µg/L		0.4	2			None - No QA Qualifier		DF=2
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 110.2	Color	24	color units		6	6			None - No QA Qualifier		DF=2
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 110.2	Color	22	color units		3	3			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 110.2	Color	22	color units		3	3			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 110.2	Color	20	color units		3	3			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 110.2	Color	22	color units		3	3			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Copper	4.3	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Copper	6.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Copper	4.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Copper	4.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Copper	6.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	SM 9223	E. coli	1600	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	SM 9223	E. coli	150	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Dry Creek at Road 18	E	2.00	1.00	06/13/06	9:20	SM 9223	E. coli	160	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Dry Creek at Road 18	E	2.00	2.00	06/13/06	9:20	SM 9223	E. coli	160	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=17:57 DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	SM 9223	E. coli	79	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:41 DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	SM 9223	E. coli	78	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	SM 9223	E. coli	88	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:01 DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 130.2	Hardness as CaCO3	16	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 130.2	Hardness as CaCO3	12	mg/L		3	5			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 130.2	Hardness as CaCO3	20	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 130.2	Hardness as CaCO3	18	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 130.2	Hardness as CaCO3	8	mg/L		3	5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Lead	0.36	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Lead	0.27	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Lead	0.26	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Lead	0.25	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Lead	0.31	µg/L		0.1	0.25			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Nickel	0.6	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Nickel	0.5	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Nickel	0.5	µg/L	DNQ	0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Nickel	0.6	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Nickel	0.6	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 300.0	Nitrate as N	0.009	mg/L	DNQ	0.006	0.05			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 300.0	Nitrate as N	0.027	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 351.3	Nitrogen, Total Kjeldahl	NA	mg/L		0.07	0.1			Insufficient sample to perform the analysis		
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 351.3	Nitrogen, Total Kjeldahl	0.35	mg/L		0.07	0.1			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 351.3	Nitrogen, Total Kjeldahl	0.13	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.2	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 365.2	OrthoPhosphate as P	0.03	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 365.2	OrthoPhosphate as P	0.023	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 365.2	OrthoPhosphate as P	0.011	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 365.2	OrthoPhosphate as P	0.013	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 365.2	Phosphate as P	NA	mg/L		0.01	0.01			Insufficient sample to perform the analysis		
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 365.2	Phosphate as P	0.044	mg/L		0.01	0.01			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 365.2	Phosphate as P	0.16	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 365.2	Phosphate as P	0.051	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 365.2	Phosphate as P	0.023	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 160.1	Total Dissolved Solids	40	mg/L		5.6	10			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 160.1	Total Dissolved Solids	42	mg/L		8	20			None - No QA Qualifier		DF=2
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 160.1	Total Dissolved Solids	20	mg/L		4	10			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	2.00	07/11/06	9:50	EPA 160.1	Total Dissolved Solids	18	mg/L		4	10	20	11	None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 160.1	Total Dissolved Solids	24	mg/L		4	10			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	2.00	08/08/06	9:30	EPA 160.1	Total Dissolved Solids	27	mg/L		4	10	24	12	None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 160.1	Total Dissolved Solids	15	mg/L		4	10			RPD exceeds laboratory control limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	E	1.00	2.00	09/12/06	10:00	EPA 160.1	Total Dissolved Solids	7	mg/L	DNQ	4	10	15	73	RPD exceeds laboratory control limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 415.1	Total Organic Carbon	3.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	2.00	05/16/06	13:15	EPA 415.1	Total Organic Carbon	3.4	mg/L		0.3	0.5	3.2	6.1	None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 415.1	Total Organic Carbon	3.1	mg/L		0.6	1			None - No QA Qualifier		DF=2
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 415.1	Total Organic Carbon	1.8	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 415.1	Total Organic Carbon	1.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 415.1	Total Organic Carbon	2.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 180.1	Turbidity	10	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 180.1	Turbidity	6.6	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 180.1	Turbidity	6.1	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 180.1	Turbidity	6.8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 180.1	Turbidity	8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	05/16/06	13:15	EPA 200.8	Zinc	4	µg/L		0.8	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	06/13/06	9:20	EPA 200.8	Zinc	6	µg/L		0.4	1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	E	1.00	1.00	07/11/06	9:50	EPA 200.8	Zinc	3	µg/L		0.4	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	08/08/06	9:30	EPA 200.8	Zinc	4	µg/L		0.4	1			None - No QA Qualifier		DF=1
Dry Creek at Road 18	E	1.00	1.00	09/12/06	10:00	EPA 200.8	Zinc	18	µg/L		0.4	2			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1	<0.07	NA	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Arsenic	2.8	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Arsenic	6.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Arsenic	5.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Arsenic	2.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Arsenic	1.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Arsenic	1.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Boron	13	µg/L		0.4	2			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Boron	54	µg/L		0.4	2			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Boron	27	µg/L		0.4	2			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Boron	25	µg/L		0.4	2			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Boron	12	µg/L		0.2	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Boron	14	µg/L		0.2	1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Cadmium	0.04	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Cadmium	0.06	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 110.2	Color	37	color units		3	3			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 110.2	Color	37	color units		3	3	37	NA	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 110.2	Color	80	color units		3	15			None - No QA Qualifier		DF=5
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 110.2	Color	85	color units		15	15			None - No QA Qualifier		DF=5
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 110.2	Color	40	color units		3	6			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 110.2	Color	35	color units		3	15			None - No QA Qualifier		DF=5; Collected as Matrix Spike, not spiked by lab
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 110.2	Color	44	color units		3	6			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	2.00	2.00	09/13/06	9:10	EPA 110.2	Color	35	color units		3	3	35	0	None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Copper	2.9	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Copper	120	µg/L		0.6	1			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Copper	14	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Copper	3.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Copper	4.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Copper	4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	SM 9223	E. coli	2000	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	SM 9223	E. coli	690	MPN/100 mL		1	1			Holding time was > 24 hours for Bacteria tests only	Analysis of sample within 24 hours of collection	AnalysisTime=08:32 DF=1; Received and set out of hold time.
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	SM 9223	E. coli	130	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:55 DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	SM 9223	E. coli	120	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	SM 9223	E. coli	110	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	SM 9223	E. coli	190	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Duck Slough @ Gurr Rd	E	2.00	2.00	09/13/06	9:10	SM 9223	E. coli	130	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 130.2	Hardness as CaCO3	90	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 130.2	Hardness as CaCO3	120	mg/L		3	5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 130.2	Hardness as CaCO3	100	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 130.2	Hardness as CaCO3	60	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 130.2	Hardness as CaCO3	84	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 130.2	Hardness as CaCO3	82	mg/L		3	5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Lead	0.24	µg/L	DNQ	0.07	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Lead	0.71	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Lead	2.7	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Lead	0.55	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Lead	0.82	µg/L		0.1	0.25			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Lead	0.84	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Nickel	3	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Nickel	8.4	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Nickel	17	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Nickel	3.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Nickel	4.9	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Nickel	4.5	µg/L		0.4	0.5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 300.0	Nitrate as N	0.091	mg/L		0.03	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 300.0	Nitrate as N	0.096	mg/L		0.03	0.05	0.091	5.3	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 300.0	Nitrate as N	0.073	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 300.0	Nitrate as N	1.9	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 300.0	Nitrate as N	0.86	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 300.0	Nitrate as N	1.5	mg/L		0.006	0.05			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 300.0	Nitrate as N	1.4	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 354.1	Nitrite as N	0.005	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 354.1	Nitrite as N	0.005	mg/L	DNQ	0.003	0.03	0.0047	0	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 354.1	Nitrite as N	0.081	mg/L		0.003	0.03			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 354.1	Nitrite as N	0.014	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 354.1	Nitrite as N	0.016	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 354.1	Nitrite as N	0.016	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 351.3	Nitrogen, Total Kjeldahl	0.44	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 351.3	Nitrogen, Total Kjeldahl	0.43	mg/L		0.07	0.1	0.44	2.3	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 351.3	Nitrogen, Total Kjeldahl	1.8	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 351.3	Nitrogen, Total Kjeldahl	1.3	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 351.3	Nitrogen, Total Kjeldahl	0.26	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 351.3	Nitrogen, Total Kjeldahl	0.55	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 351.3	Nitrogen, Total Kjeldahl	0.55	mg/L		0.07	0.1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 365.2	OrthoPhosphate as P	0.062	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 365.2	OrthoPhosphate as P	0.069	mg/L		0.01	0.01	0.062	11	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 365.2	OrthoPhosphate as P	0.083	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 365.2	OrthoPhosphate as P	0.23	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 365.2	OrthoPhosphate as P	0.15	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 365.2	OrthoPhosphate as P	0.043	mg/L		0.01	0.01			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 365.2	OrthoPhosphate as P	0.04	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 365.2	Phosphate as P	0.11	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 365.2	Phosphate as P	0.11	mg/L		0.01	0.01	0.11	0	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 365.2	Phosphate as P	0.31	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 365.2	Phosphate as P	0.36	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 365.2	Phosphate as P	0.24	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 365.2	Phosphate as P	0.12	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 365.2	Phosphate as P	0.11	mg/L		0.01	0.01			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 160.1	Total Dissolved Solids	150	mg/L		5.6	10			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 160.1	Total Dissolved Solids	130	mg/L		5.6	10	150	14	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 160.1	Total Dissolved Solids	260	mg/L		8	20			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 160.1	Total Dissolved Solids	170	mg/L		8	20			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 160.1	Total Dissolved Solids	150	mg/L		4	10			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 160.1	Total Dissolved Solids	140	mg/L		8	20			None - No QA Qualifier		DF=2; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 160.1	Total Dissolved Solids	190	mg/L		8	20			Field duplicate RPD above QC limit	RPD ≤ 25	DF=2
Duck Slough @ Gurr Rd	E	2.00	2.00	09/13/06	9:10	EPA 160.1	Total Dissolved Solids	160	mg/L		8	20	190	13	None - No QA Qualifier		DF=2; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 415.1	Total Organic Carbon	4.5	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 415.1	Total Organic Carbon	19	mg/L		0.6	1			None - No QA Qualifier		DF=2
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 415.1	Total Organic Carbon	4.8	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 415.1	Total Organic Carbon	3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 415.1	Total Organic Carbon	2.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 415.1	Total Organic Carbon	2.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 180.1	Turbidity	8.6	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	05/17/06	10:20	EPA 180.1	Turbidity	8.5	NTU		0.02	0.05	8.6	1.2	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 180.1	Turbidity	19	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	2.00	06/14/06	8:00	EPA 180.1	Turbidity	19	NTU		0.02	0.05	19	1.9	None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 180.1	Turbidity	80	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 180.1	Turbidity	18	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 180.1	Turbidity	26	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 180.1	Turbidity	28	NTU		0.02	0.05			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	E	2.00	2.00	09/13/06	9:10	EPA 180.1	Turbidity	26	NTU		0.02	0.05		5.2	None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	05/17/06	10:20	EPA 200.8	Zinc	3	µg/L		0.8	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	06/14/06	8:00	EPA 200.8	Zinc	7	µg/L		0.4	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	07/12/06	8:00	EPA 200.8	Zinc	21	µg/L		0.4	2			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	1.00	1.00	08/08/06	15:55	EPA 200.8	Zinc	9	µg/L		0.4	1			None - No QA Qualifier		DF=1
Duck Slough @ Gurr Rd	E	2.00	1.00	09/13/06	9:10	EPA 200.8	Zinc	20	µg/L		0.4	1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Duck Slough @ Gurr Rd	E	1.00	1.00	09/13/06	9:10	EPA 200.8	Zinc	8	µg/L		0.4	1			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 350.2	Ammonia as N	0.45	mg/L		0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Arsenic	3.2	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Arsenic	0.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Arsenic	0.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Arsenic	3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Boron	15	µg/L		0.8	4			None - No QA Qualifier		DF=4
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Boron	7	µg/L		0.2	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Boron	5	µg/L		0.2	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Boron	3	µg/L		0.2	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Boron	8	µg/L		0.2	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Cadmium	0.1	µg/L		0.02	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 110.2	Color	90	color units		30	30			None - No QA Qualifier		DF=10
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 110.2	Color	34	color units		3	6			None - No QA Qualifier		DF=2
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 110.2	Color	45	color units		15	15			None - No QA Qualifier		DF=5
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 110.2	Color	24	color units		3	6			None - No QA Qualifier		DF=2
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 110.2	Color	100	color units		3	15			None - No QA Qualifier		DF=5
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Copper	5.9	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Copper	2.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Copper	2.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Copper	3.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Copper	19	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	SM 9223	E. coli	280	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	SM 9223	E. coli	260	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:32 DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	SM 9223	E. coli	80	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:55 DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	SM 9223	E. coli	82	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:39 DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	SM 9223	E. coli	340	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 130.2	Hardness as CaCO3	96	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 130.2	Hardness as CaCO3	34	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 130.2	Hardness as CaCO3	46	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 130.2	Hardness as CaCO3	20	mg/L		3	5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 130.2	Hardness as CaCO3	48	mg/L		6	10			None - No QA Qualifier		DF=2
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Lead	5.2	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Lead	0.6	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Lead	0.81	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Lead	2.3	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Lead	24	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Nickel	6.8	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Nickel	2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Nickel	2.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Nickel	3.2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Nickel	22	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 300.0	Nitrate as N	0.11	mg/L		0.03	0.05			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 300.0	Nitrate as N	0.007	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 300.0	Nitrate as N	0.058	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 300.0	Nitrate as N	0.059	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 300.0	Nitrate as N	0.19	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 354.1	Nitrite as N	0.018	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 354.1	Nitrite as N	0.007	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 354.1	Nitrite as N	0.005	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 354.1	Nitrite as N	0.043	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 351.3	Nitrogen, Total Kjeldahl	0.92	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.2	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.26	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 351.3	Nitrogen, Total Kjeldahl	1.4	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 365.2	OrthoPhosphate as P	0.35	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 365.2	OrthoPhosphate as P	0.062	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 365.2	OrthoPhosphate as P	0.08	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 365.2	OrthoPhosphate as P	0.031	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 365.2	OrthoPhosphate as P	0.11	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 365.2	Phosphate as P	0.6	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 365.2	Phosphate as P	0.12	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 365.2	Phosphate as P	0.064	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 365.2	Phosphate as P	0.079	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 365.2	Phosphate as P	0.37	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 160.1	Total Dissolved Solids	160	mg/L		5.6	10			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 160.1	Total Dissolved Solids	48	mg/L		8	20			None - No QA Qualifier		DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 160.1	Total Dissolved Solids	64	mg/L		8	20			None - No QA Qualifier		DF=2
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 160.1	Total Dissolved Solids	38	mg/L		4	10			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 160.1	Total Dissolved Solids	44	mg/L		8	20			None - No QA Qualifier		DF=2
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 415.1	Total Organic Carbon	5.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 415.1	Total Organic Carbon	4.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 415.1	Total Organic Carbon	2.1	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 415.1	Total Organic Carbon	2.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 415.1	Total Organic Carbon	3.7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 180.1	Turbidity	74	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 180.1	Turbidity	15	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 180.1	Turbidity	34	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 180.1	Turbidity	23	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 180.1	Turbidity	72	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	05/17/06	11:45	EPA 200.8	Zinc	11	µg/L		0.8	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	06/14/06	9:30	EPA 200.8	Zinc	10	µg/L		0.4	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	07/12/06	9:30	EPA 200.8	Zinc	7	µg/L		0.4	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	08/08/06	17:15	EPA 200.8	Zinc	7	µg/L		0.4	1			None - No QA Qualifier		DF=1
Duck Slough @ Hwy 99	E	1.00	1.00	09/13/06	8:05	EPA 200.8	Zinc	51	µg/L		0.4	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Arsenic	<0.2	µg/L	ND	0.2	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Boron	6	µg/L		0.4	2			None - No QA Qualifier		DF=2
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Boron	4	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Boron	7	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 110.2	Color	23	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 110.2	Color	18	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 110.2	Color	19	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 110.2	Color	12	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 110.2	Color	13	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Copper	1.8	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Copper	1.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Copper	1.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Copper	1.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Copper	1.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	SM 9223	E. coli	120	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	SM 9223	E. coli	55	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:32 DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	SM 9223	E. coli	59	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:55 DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	SM 9223	E. coli	8.6	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:17 DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	SM 9223	E. coli	62	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 130.2	Hardness as CaCO3	18	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 130.2	Hardness as CaCO3	24	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 130.2	Hardness as CaCO3	32	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 130.2	Hardness as CaCO3	16	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 130.2	Hardness as CaCO3	16	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Lead	0.42	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Lead	0.38	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Lead	0.48	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Lead	0.39	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Lead	0.24	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Nickel	1.2	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Nickel	1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Nickel	1.2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Nickel	0.9	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Nickel	0.8	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 300.0	Nitrate as N	0.01	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 300.0	Nitrate as N	0.047	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 300.0	Nitrate as N	0.04	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 351.3	Nitrogen, Total Kjeldahl	0.11	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 351.3	Nitrogen, Total Kjeldahl	0.25	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 351.3	Nitrogen, Total Kjeldahl	0.19	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 365.2	OrthoPhosphate as P	0.019	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 365.2	OrthoPhosphate as P	0.01	mg/L		0.01	0.01			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 365.2	OrthoPhosphate as P	0.017	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 365.2	Phosphate as P	0.059	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 365.2	Phosphate as P	0.056	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 365.2	Phosphate as P	0.048	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 365.2	Phosphate as P	0.035	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 160.1	Total Dissolved Solids	14	mg/L		5.6	10			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 160.1	Total Dissolved Solids	47	mg/L		4	10			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 160.1	Total Dissolved Solids	45	mg/L		4	10			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 160.1	Total Dissolved Solids	20	mg/L		4	10			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 415.1	Total Organic Carbon	2.6	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	2.00	05/17/06	14:35	EPA 415.1	Total Organic Carbon	2.2	mg/L		0.3	0.5	2.6	17	None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 415.1	Total Organic Carbon	3.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 415.1	Total Organic Carbon	4.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 415.1	Total Organic Carbon	11	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 415.1	Total Organic Carbon	2.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 180.1	Turbidity	8.3	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 180.1	Turbidity	9.2	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 180.1	Turbidity	9	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 180.1	Turbidity	4.1	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	05/17/06	14:35	EPA 200.8	Zinc	3	µg/L		0.8	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	06/14/06	11:40	EPA 200.8	Zinc	8	µg/L		0.4	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	07/12/06	13:15	EPA 200.8	Zinc	11	µg/L		0.4	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	08/09/06	11:45	EPA 200.8	Zinc	6	µg/L		0.4	1			None - No QA Qualifier		DF=1
Highline Canal @ Hwy 99	E	1.00	1.00	09/13/06	11:45	EPA 200.8	Zinc	19	µg/L		0.4	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Arsenic	<0.2	µg/L	ND	0.2	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Arsenic	0.3	µg/L	DNQ	0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Boron	4	µg/L		0.2	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Boron	7	µg/L		0.4	2			None - No QA Qualifier		DF=2
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 110.2	Color	22	color units		6	6			None - No QA Qualifier		DF=2
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 110.2	Color	18	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 110.2	Color	17	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 110.2	Color	11	color units		3	3			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 110.2	Color	14	color units		3	3			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Copper	2.1	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Copper	1.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Copper	1.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Copper	1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Copper	1.2	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	SM 9223	E. coli	98	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	SM 9223	E. coli	52	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:32 DF=1
Highline Canal @ Lombardy Rd	E	2.00	1.00	07/12/06	14:00	SM 9223	E. coli	60	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:55 DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	SM 9223	E. coli	60	MPN/100 mL		1	1			Field duplicate RPD above QC limit	RPD ≤ 25	AnalysisTime=07:55 DF=1
Highline Canal @ Lombardy Rd	E	2.00	2.00	07/12/06	14:00	SM 9223	E. coli	73	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:55 DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	SM 9223	E. coli	16	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:17 DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	SM 9223	E. coli	4.1	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 130.2	Hardness as CaCO3	22	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 130.2	Hardness as CaCO3	24	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 130.2	Hardness as CaCO3	28	mg/L		3	5			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 130.2	Hardness as CaCO3	16	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 130.2	Hardness as CaCO3	12	mg/L		3	5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Lead	0.49	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Lead	0.55	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Lead	0.27	µg/L		0.1	0.25			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Lead	0.34	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Lead	0.29	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Nickel	1.3	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Nickel	1.1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Nickel	0.8	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Nickel	0.8	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Nickel	0.8	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 300.0	Nitrate as N	0.008	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 300.0	Nitrate as N	0.012	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.077	mg/L	DNQ	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 351.3	Nitrogen, Total Kjeldahl	0.18	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.23	mg/L		0.07	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 351.3	Nitrogen, Total Kjeldahl	0.088	mg/L	DNQ	0.07	0.1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 365.2	OrthoPhosphate as P	0.015	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 365.2	OrthoPhosphate as P	0.011	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 365.2	OrthoPhosphate as P	0.026	mg/L		0.01	0.01			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 365.2	OrthoPhosphate as P	0.012	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 365.2	Phosphate as P	0.05	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 365.2	Phosphate as P	0.047	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 365.2	Phosphate as P	0.035	mg/L		0.01	0.01			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 365.2	Phosphate as P	0.023	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 365.2	Phosphate as P	0.026	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 160.1	Total Dissolved Solids	17	mg/L		5.6	10			RPD exceeds laboratory control limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	E	1.00	2.00	05/17/06	15:30	EPA 160.1	Total Dissolved Solids	13	mg/L		5.6	10	17	27	RPD exceeds laboratory control limit	RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 160.1	Total Dissolved Solids	43	mg/L		4	10			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 160.1	Total Dissolved Solids	36	mg/L		4	10			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 160.1	Total Dissolved Solids	20	mg/L		4	10			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 160.1	Total Dissolved Solids	19	mg/L		4	10			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 415.1	Total Organic Carbon	2.3	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 415.1	Total Organic Carbon	4.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 415.1	Total Organic Carbon	4.9	mg/L		0.6	1			Field duplicate RPD above QC limit	RPD ≤ 25	DF=2
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 415.1	Total Organic Carbon	5.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 415.1	Total Organic Carbon	1.8	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 180.1	Turbidity	11	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 180.1	Turbidity	8.8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 180.1	Turbidity	6.8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 180.1	Turbidity	4.8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	05/17/06	15:30	EPA 200.8	Zinc	3	µg/L		0.8	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	06/14/06	12:25	EPA 200.8	Zinc	9	µg/L		0.4	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	07/12/06	14:00	EPA 200.8	Zinc	4	µg/L		0.4	1			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	08/09/06	12:40	EPA 200.8	Zinc	6	µg/L		0.4	1			None - No QA Qualifier		DF=1
Highline Canal @ Lombardy Rd	E	1.00	1.00	09/13/06	12:35	EPA 200.8	Zinc	23	µg/L		0.4	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 350.2	Ammonia as N	0.48	mg/L		0.07	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 350.2	Ammonia as N	0.51	mg/L		0.07	0.1	0.48	6.1	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 350.2	Ammonia as N	3.8	mg/L		0.04	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Arsenic	3.7	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Arsenic	3.9	µg/L		0.2	0.5	3.7	5.3	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Arsenic	2.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Arsenic	4.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Arsenic	3.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Arsenic	4.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Boron	110	µg/L		0.8	4			None - No QA Qualifier		DF=4
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Boron	110	µg/L		0.8	4	110	0	None - No QA Qualifier		DF=4
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Boron	62	µg/L		0.4	2			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Boron	150	µg/L		0.4	2			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Boron	82	µg/L		0.4	2			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Boron	120	µg/L		0.4	2			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Cadmium	0.06	µg/L	DNQ	0.04	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Cadmium	0.06	µg/L	DNQ	0.04	0.1	0.06	0	None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Cadmium	0.02	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Cadmium	0.05	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Cadmium	0.03	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 110.2	Color	60	color units		15	15			None - No QA Qualifier		DF=5
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 110.2	Color	25	color units		3	3			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 110.2	Color	100	color units		15	15			None - No QA Qualifier		DF=5
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 110.2	Color	25	color units		3	3			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 110.2	Color	28	color units		3	3			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Copper	5.8	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Copper	5.8	µg/L		0.08	0.5	5.8	0	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Copper	4.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Copper	31	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Copper	4.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Copper	6.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=08:00 DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	SM 9223	E. coli	140	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:43 DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	SM 9223	E. coli	1000	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:45 DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	SM 9223	E. coli	180	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:31 DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 130.2	Hardness as CaCO3	170	mg/L		3	5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 130.2	Hardness as CaCO3	170	mg/L		3	5	170	0	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 130.2	Hardness as CaCO3	190	mg/L		15	20			None - No QA Qualifier		DF=5
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 130.2	Hardness as CaCO3	230	mg/L		3	5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 130.2	Hardness as CaCO3	150	mg/L		3	5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 130.2	Hardness as CaCO3	220	mg/L		3	5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Lead	0.78	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Lead	0.77	µg/L		0.07	0.25	0.78	1.3	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Lead	0.47	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Lead	0.19	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Lead	0.2	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Lead	0.36	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Nickel	4.8	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Nickel	4.9	µg/L		0.2	0.5	4.8	2.1	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Nickel	3.3	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Nickel	4.5	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Nickel	3.1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Nickel	4.1	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 300.0	Nitrate as N	2.4	mg/L		0.03	0.05			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 300.0	Nitrate as N	12	mg/L		0.06	0.5			None - No QA Qualifier		DF=10

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 300.0	Nitrate as N	11	mg/L		0.03	0.2			None - No QA Qualifier		DF=5
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 300.0	Nitrate as N	13	mg/L		0.03	0.2			None - No QA Qualifier		DF=5
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 300.0	Nitrate as N	20	mg/L		0.03	0.2			None - No QA Qualifier		DF=5
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 354.1	Nitrite as N	0.022	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 354.1	Nitrite as N	0.23	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 354.1	Nitrite as N	0.048	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 354.1	Nitrite as N	0.059	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 351.3	Nitrogen, Total Kjeldahl	1.6	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 351.3	Nitrogen, Total Kjeldahl	0.52	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 351.3	Nitrogen, Total Kjeldahl	6.4	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 351.3	Nitrogen, Total Kjeldahl	0.63	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.88	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 365.2	OrthoPhosphate as P	0.51	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 365.2	OrthoPhosphate as P	0.25	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 365.2	OrthoPhosphate as P	0.81	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 365.2	OrthoPhosphate as P	0.49	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 365.2	OrthoPhosphate as P	0.5	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 365.2	Phosphate as P	0.66	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 365.2	Phosphate as P	0.65	mg/L		0.01	0.01	0.66	1.5	None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 365.2	Phosphate as P	0.26	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 365.2	Phosphate as P	1.4	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 365.2	Phosphate as P	0.51	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 365.2	Phosphate as P	0.5	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Selenium	1	µg/L		0.7	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Selenium	1	µg/L		0.7	1	1	0	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Selenium	2	µg/L		0.9	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 160.1	Total Dissolved Solids	390	mg/L		5.6	10			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 160.1	Total Dissolved Solids	320	mg/L		8	20			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 160.1	Total Dissolved Solids	610	mg/L		8	20			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 160.1	Total Dissolved Solids	370	mg/L		4	10			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 160.1	Total Dissolved Solids	510	mg/L		8	20			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 415.1	Total Organic Carbon	9.3	mg/L		0.6	1			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 415.1	Total Organic Carbon	3.9	mg/L		0.6	1			None - No QA Qualifier		DF=2
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 415.1	Total Organic Carbon	15	mg/L		1.5	2			None - No QA Qualifier		DF=5
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 415.1	Total Organic Carbon	3.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 415.1	Total Organic Carbon	5.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 180.1	Turbidity	28	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 180.1	Turbidity	9.8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 180.1	Turbidity	5	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 180.1	Turbidity	6.9	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	05/18/06	15:10	EPA 200.8	Zinc	8	µg/L		0.8	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	2.00	05/18/06	15:10	EPA 200.8	Zinc	8	µg/L		0.8	1	8	0	None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	06/15/06	12:40	EPA 200.8	Zinc	8	µg/L		0.4	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	07/13/06	12:40	EPA 200.8	Zinc	8	µg/L		0.4	1			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	08/10/06	14:50	EPA 200.8	Zinc	4	µg/L		0.4	2			None - No QA Qualifier		DF=1
Hilmar Drain @ Central Ave	E	1.00	1.00	09/14/06	12:00	EPA 200.8	Zinc	22	µg/L		0.4	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 350.2	Ammonia as N	0.19	mg/L		0.04	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 350.2	Ammonia as N	0.14	mg/L		0.04	0.1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Arsenic	1.7	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Arsenic	1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Arsenic	1.3	µg/L		0.3	0.5			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Arsenic	0.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Arsenic	1.5	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 405.1	BOD	14	mg/L		0.6	5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Boron	8	µg/L		0.2	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Boron	5	µg/L		0.2	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Boron	7	µg/L		0.2	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Boron	7	µg/L		0.2	1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Boron	6	µg/L		0.2	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Boron	10	µg/L		0.2	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Cadmium	0.05	µg/L	DNQ	0.04	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Cadmium	0.05	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Cadmium	0.04	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 110.2	Color	90	color units		3	3			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 110.2	Color	20	color units		3	3			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 110.2	Color	42	color units		6	6			None - No QA Qualifier		DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 110.2	Color	70	color units		3	15			None - No QA Qualifier		DF=5; Collected as MatrixSpike, not spiked by lab
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 110.2	Color	50	color units		3	15			Field duplicate RPD above QC limit	RPD ≤ 25	DF=5
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 110.2	Color	85	color units		3	15			None - No QA Qualifier		DF=5
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Copper	12	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Copper	2.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Copper	11	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Copper	5.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Copper	4.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Copper	9.1	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	SM 9223	E. coli	2400	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:05 DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=08:32 DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	SM 9223	E. coli	1300	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	SM 9223	E. coli	1400	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:45 DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	SM 9223	E. coli	870	MPN/100 mL		1	1			Field duplicate RPD above QC limit	RPD ≤ 25	AnalysisTime=07:45 DF=1
Jones Drain @ Oakdale Road	E	2.00	2.00	08/10/06	8:30	SM 9223	E. coli	920	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:45 DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 130.2	Hardness as CaCO3	36	mg/L		3	5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 130.2	Hardness as CaCO3	22	mg/L		3	5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 130.2	Hardness as CaCO3	54	mg/L		3	5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 130.2	Hardness as CaCO3	50	mg/L		3	5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 130.2	Hardness as CaCO3	52	mg/L		3	5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 130.2	Hardness as CaCO3	40	mg/L		3	5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Lead	2	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Lead	0.43	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Lead	0.8	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Lead	0.82	µg/L		0.1	0.25			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Lead	0.74	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Lead	1.8	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Nickel	6.3	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Nickel	1.4	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Nickel	3.9	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Nickel	3.2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Nickel	2.8	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Nickel	5.2	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 300.0	Nitrate as N	0.063	mg/L		0.03	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 300.0	Nitrate as N	0.055	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 300.0	Nitrate as N	0.096	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 300.0	Nitrate as N	0.13	mg/L		0.006	0.05			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 300.0	Nitrate as N	0.14	mg/L		0.006	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 300.0	Nitrate as N	0.033	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 354.1	Nitrite as N	0.015	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 354.1	Nitrite as N	0.012	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 354.1	Nitrite as N	0.011	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 354.1	Nitrite as N	0.015	mg/L	DNQ	0.003	0.03			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.71	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 351.3	Nitrogen, Total Kjeldahl	0.21	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 351.3	Nitrogen, Total Kjeldahl	0.72	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.55	mg/L		0.07	0.1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.15	mg/L		0.07	0.1			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 351.3	Nitrogen, Total Kjeldahl	0.85	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 365.2	OrthoPhosphate as P	0.29	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 365.2	OrthoPhosphate as P	0.048	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 365.2	OrthoPhosphate as P	0.081	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 365.2	OrthoPhosphate as P	0.059	mg/L		0.01	0.01			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 365.2	OrthoPhosphate as P	0.057	mg/L		0.01	0.01			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 365.2	OrthoPhosphate as P	0.11	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 365.2	Phosphate as P	0.36	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 365.2	Phosphate as P	0.11	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 365.2	Phosphate as P	0.15	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 365.2	Phosphate as P	0.15	mg/L		0.01	0.01			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 365.2	Phosphate as P	0.16	mg/L		0.01	0.01			Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 365.2	Phosphate as P	0.3	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 160.1	Total Dissolved Solids	42	mg/L		5.6	10			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 160.1	Total Dissolved Solids	66	mg/L		8	20			None - No QA Qualifier		DF=2
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 160.1	Total Dissolved Solids	50	mg/L		8	20			None - No QA Qualifier		DF=2
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 160.1	Total Dissolved Solids	38	mg/L		8	20			None - No QA Qualifier		DF=2
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 160.1	Total Dissolved Solids	30	mg/L		8	20			RPD exceeds laboratory control limit		DF=2; Collected as Matrix Spike, not spiked by lab
Jones Drain @ Oakdale Road	E	2.00	2.00	08/10/06	8:30	EPA 160.1	Total Dissolved Solids	22	mg/L		8	20	30	31	RPD exceeds laboratory control limit		DF=2; collected as matrix spike but not spiked

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 160.1	Total Dissolved Solids	34	mg/L		8	20			None - No QA Qualifier		DF=2
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 415.1	Total Organic Carbon	8.2	mg/L		0.6	1			None - No QA Qualifier		DF=2
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 415.1	Total Organic Carbon	5.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 415.1	Total Organic Carbon	3.3	mg/L		1.5	2			None - No QA Qualifier		DF=5
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 415.1	Total Organic Carbon	2.8	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 415.1	Total Organic Carbon	4.3	mg/L		0.6	1			None - No QA Qualifier		DF=2; collected as matrix spike but not spiked
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 415.1	Total Organic Carbon	3.9	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 180.1	Turbidity	60	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 180.1	Turbidity	13	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 180.1	Turbidity	20	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 180.1	Turbidity	28	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 180.1	Turbidity	38	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	2.00	08/10/06	8:30	EPA 180.1	Turbidity	29	NTU		0.02	0.05	28	1.4	None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	2.00	08/10/06	8:30	EPA 180.1	Turbidity	38	NTU		0.02	0.05	38	0.3	None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 180.1	Turbidity	33	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	05/17/06	16:30	EPA 200.8	Zinc	18	µg/L		0.8	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	06/14/06	15:15	EPA 200.8	Zinc	5	µg/L		0.4	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	1.00	1.00	07/13/06	8:45	EPA 200.8	Zinc	8	µg/L		0.4	1			None - No QA Qualifier		DF=1
Jones Drain @ Oakdale Road	E	2.00	1.00	08/10/06	8:30	EPA 200.8	Zinc	12	µg/L		0.4	1			None - No QA Qualifier		DF=1; Collected as Matrix Spike, not spiked by lab - used as lab duplicate
Jones Drain @ Oakdale Road	E	1.00	1.00	08/10/06	8:30	EPA 200.8	Zinc	10	µg/L		0.4	2			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	E	1.00	1.00	09/13/06	15:05	EPA 200.8	Zinc	24	µg/L		0.4	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 200.8	Arsenic	0.5	µg/L	DNQ	0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Arsenic	0.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Arsenic	0.5	µg/L	DNQ	0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 200.8	Boron	4	µg/L		0.2	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Boron	5	µg/L		0.2	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Boron	5	µg/L		0.2	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Boron	3	µg/L		0.2	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Boron	7	µg/L		0.2	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 110.2	Color	20	color units		3	3			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 110.2	Color	16	color units		3	3			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 110.2	Color	17	color units		3	3			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 110.2	Color	10	color units		3	3			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 110.2	Color	16	color units		3	3			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Copper	0.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Copper	1.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Copper	0.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Copper	1.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 130.2	Hardness as CaCO3	NA	mg/L		3	5			Insufficient sample to perform the analysis		
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 130.2	Hardness as CaCO3	12	mg/L		3	5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 130.2	Hardness as CaCO3	42	mg/L		3	5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 130.2	Hardness as CaCO3	16	mg/L		3	5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 130.2	Hardness as CaCO3	18	mg/L		3	5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 200.8	Lead	0.12	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Lead	0.14	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Lead	0.19	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Lead	0.14	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Lead	0.11	µg/L	DNQ	0.1	0.25			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 200.8	Nickel	0.7	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Nickel	0.5	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Nickel	0.6	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Nickel	0.5	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Nickel	0.5	µg/L	DNQ	0.4	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 300.0	Nitrate as N	0.041	mg/L	DNQ	0.03	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 300.0	Nitrate as N	0.033	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 300.0	Nitrate as N	0.048	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 300.0	Nitrate as N	0.027	mg/L	DNQ	0.006	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 300.0	Nitrate as N	0.033	mg/L	DNQ	0.006	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 351.3	Nitrogen, Total Kjeldahl	0.088	mg/L	DNQ	0.07	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.25	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 351.3	Nitrogen, Total Kjeldahl	0.14	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 365.2	OrthoPhosphate as P	0.016	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 365.2	Phosphate as P	0.026	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 365.2	Phosphate as P	0.022	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 365.2	Phosphate as P	0.032	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 365.2	Phosphate as P	0.038	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 365.2	Phosphate as P	0.026	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	2			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 160.1	Total Dissolved Solids	42	mg/L		5.6	10			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 160.1	Total Dissolved Solids	44	mg/L		4	10			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 160.1	Total Dissolved Solids	48	mg/L		4	10			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 160.1	Total Dissolved Solids	6	mg/L	DNQ	4	10			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 160.1	Total Dissolved Solids	17	mg/L		4	10			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 415.1	Total Organic Carbon	2.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 415.1	Total Organic Carbon	3.9	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 415.1	Total Organic Carbon	2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 415.1	Total Organic Carbon	3.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 415.1	Total Organic Carbon	2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 180.1	Turbidity	3.3	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 180.1	Turbidity	3.3	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 180.1	Turbidity	7.4	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 180.1	Turbidity	2.8	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 180.1	Turbidity	2.1	NTU		0.02	0.05			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Merced River @ Santa Fe	E	1.00	1.00	05/16/06	18:35	EPA 200.8	Zinc	7	µg/L		0.4	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	06/14/06	13:20	EPA 200.8	Zinc	2	µg/L		0.4	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	07/12/06	16:00	EPA 200.8	Zinc	3	µg/L		0.4	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	08/09/06	13:30	EPA 200.8	Zinc	3	µg/L		0.4	1			None - No QA Qualifier		DF=1
Merced River @ Santa Fe	E	1.00	1.00	09/13/06	13:15	EPA 200.8	Zinc	19	µg/L		0.4	10			None - No QA Qualifier		DF=1
Mustang Creek @ East Ave	E	1.00	1.00	05/18/06	10:40	EPA 110.2	Color	180	color units		15	15			None - No QA Qualifier		DF=5
Mustang Creek @ East Ave	E	1.00	1.00	06/15/06	8:55	EPA 110.2	Color	110	color units		3	15			None - No QA Qualifier		DF=5
Mustang Creek @ East Ave	E	1.00	1.00	08/10/06	10:40	EPA 110.2	Color	120	color units		3	15			None - No QA Qualifier		DF=5
Mustang Creek @ East Ave	E	1.00	1.00	05/18/06	10:40	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=08:00 DF=1
Mustang Creek @ East Ave	E	1.00	1.00	06/15/06	8:55	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=07:43 DF=1
Mustang Creek @ East Ave	E	1.00	1.00	08/10/06	10:40	SM 9223	E. coli	980	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:45 DF=1
Mustang Creek @ East Ave	E	1.00	1.00	05/18/06	10:40	EPA 160.1	Total Dissolved Solids	290	mg/L		5.6	10			None - No QA Qualifier		DF=1
Mustang Creek @ East Ave	E	1.00	1.00	06/15/06	8:55	EPA 160.1	Total Dissolved Solids	350	mg/L		8	20			None - No QA Qualifier		DF=2
Mustang Creek @ East Ave	E	1.00	1.00	08/10/06	10:40	EPA 160.1	Total Dissolved Solids	250	mg/L		8	20			None - No QA Qualifier		DF=2
Mustang Creek @ East Ave	E	1.00	1.00	05/18/06	10:40	EPA 415.1	Total Organic Carbon	20	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Mustang Creek @ East Ave	E	1.00	1.00	06/15/06	8:55	EPA 415.1	Total Organic Carbon	26	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Mustang Creek @ East Ave	E	1.00	1.00	08/10/06	10:40	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Mustang Creek @ East Ave	E	1.00	1.00	05/18/06	10:40	EPA 180.1	Turbidity	12	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Mustang Creek @ East Ave	E	1.00	1.00	06/15/06	8:55	EPA 180.1	Turbidity	10	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Mustang Creek @ East Ave	E	1.00	1.00	08/10/06	10:40	EPA 180.1	Turbidity	7.5	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 350.2	Ammonia as N	0.18	mg/L		0.07	0.1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 350.2	Ammonia as N	0.51	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 350.2	Ammonia as N	18	mg/L		0.04	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 350.2	Ammonia as N	0.74	mg/L		0.04	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 350.2	Ammonia as N	1.5	mg/L		0.04	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Arsenic	8.8	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Arsenic	7.6	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Arsenic	4.2	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Arsenic	7.7	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Arsenic	5.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 405.1	BOD	13	mg/L		0.6	5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Boron	420	µg/L		2	10			None - No QA Qualifier		DF=10
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Boron	300	µg/L		1	5			None - No QA Qualifier		DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Boron	150	µg/L		0.4	2			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Boron	320	µg/L		1	5			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Boron	170	µg/L		0.4	2			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Cadmium	0.07	µg/L	DNQ	0.04	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Cadmium	0.04	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Cadmium	0.05	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Cadmium	0.04	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Cadmium	0.04	µg/L	DNQ	0.02	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 110.2	Color	90	color units		15	15			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	2.00	05/18/06	16:15	EPA 110.2	Color	90	color units		15	15	90	0	None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 110.2	Color	68	color units		3	6			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 110.2	Color	90	color units		15	15			None - No QA Qualifier		DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 110.2	Color	760	color units		3	60			None - No QA Qualifier		DF=20
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 110.2	Color	140	color units		3	15			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Copper	10	µg/L		0.08	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Copper	7.9	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Copper	7.3	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Copper	8.4	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Copper	8.8	µg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	SM 9223	E. coli	550	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:00 DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	SM 9223	E. coli	1300	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:43 DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	SM 9223	E. coli	790	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	SM 9223	E. coli	820	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:45 DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	SM 9223	E. coli	2400	MPN/100 mL	>	1	1			None - No QA Qualifier		AnalysisTime=07:31 DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 130.2	Hardness as CaCO3	570	mg/L		15	20			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 130.2	Hardness as CaCO3	550	mg/L		15	20			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 130.2	Hardness as CaCO3	210	mg/L		3	5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 130.2	Hardness as CaCO3	460	mg/L		15	20			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 130.2	Hardness as CaCO3	280	mg/L		3	5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Lead	0.64	µg/L		0.07	0.25			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Lead	0.52	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Lead	0.68	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Lead	0.49	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Lead	0.78	µg/L		0.1	0.25			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Nickel	9.3	µg/L		0.2	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Nickel	7.5	µg/L		0.4	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Nickel	4.3	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Nickel	7.3	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Nickel	5.9	µg/L		0.4	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 300.0	Nitrate as N	5.8	mg/L		0.03	0.05			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	2.00	05/18/06	16:15	EPA 300.0	Nitrate as N	5.8	mg/L		0.03	0.05	5.8	0	None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 300.0	Nitrate as N	21	mg/L		0.06	0.5			None - No QA Qualifier		DF=10
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 300.0	Nitrate as N	8	mg/L		0.03	0.2			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 300.0	Nitrate as N	17	mg/L		0.03	0.2			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 300.0	Nitrate as N	11	mg/L		0.03	0.2			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 354.1	Nitrite as N	0.38	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	2.00	05/18/06	16:15	EPA 354.1	Nitrite as N	0.38	mg/L		0.003	0.03	0.38	0	None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 354.1	Nitrite as N	0.28	mg/L		0.003	0.03			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 354.1	Nitrite as N	0.38	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 354.1	Nitrite as N	1.1	mg/L		0.03	0.3			None - No QA Qualifier		DF=10
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 354.1	Nitrite as N	0.28	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 351.3	Nitrogen, Total Kjeldahl	2.5	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 351.3	Nitrogen, Total Kjeldahl	2.3	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 351.3	Nitrogen, Total Kjeldahl	20	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 351.3	Nitrogen, Total Kjeldahl	3.7	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 351.3	Nitrogen, Total Kjeldahl	3.5	mg/L		0.07	0.1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 365.2	OrthoPhosphate as P	1.4	mg/L		0.05	0.05			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	2.00	05/18/06	16:15	EPA 365.2	OrthoPhosphate as P	1.3	mg/L		0.05	0.05	1.4	7.4	None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 365.2	OrthoPhosphate as P	0.97	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 365.2	OrthoPhosphate as P	0.55	mg/L		0.01	0.01			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 365.2	OrthoPhosphate as P	1.1	mg/L		0.1	0.1			None - No QA Qualifier		DF=10
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 365.2	OrthoPhosphate as P	1.2	mg/L		0.05	0.05			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 365.2	Phosphate as P	1.4	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 365.2	Phosphate as P	1.5	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 365.2	Phosphate as P	0.72	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 365.2	Phosphate as P	1.4	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 365.2	Phosphate as P	1.2	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Selenium	3	µg/L		0.7	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Selenium	3	µg/L		0.9	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Selenium	2	µg/L		0.9	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Selenium	2	µg/L		0.9	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 160.1	Total Dissolved Solids	1700	mg/L		5.6	10			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	2.00	05/18/06	16:15	EPA 160.1	Total Dissolved Solids	1600	mg/L		5.6	10	1700	6.1	None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 160.1	Total Dissolved Solids	1700	mg/L		8	20			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 160.1	Total Dissolved Solids	720	mg/L		8	20			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 160.1	Total Dissolved Solids	1800	mg/L		20	50			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 160.1	Total Dissolved Solids	760	mg/L		8	20			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 415.1	Total Organic Carbon	15	mg/L		0.6	1			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	2.00	05/18/06	16:15	EPA 415.1	Total Organic Carbon	15	mg/L		0.6	1	15	6.1	None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 415.1	Total Organic Carbon	25	mg/L		0.6	1			None - No QA Qualifier		DF=2
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 415.1	Total Organic Carbon	12	mg/L		1.5	2			None - No QA Qualifier		DF=5
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 415.1	Total Organic Carbon	17	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 415.1	Total Organic Carbon	12	mg/L		0.3	0.5			None - No QA Qualifier		DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 180.1	Turbidity	22	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	2.00	05/18/06	16:15	EPA 180.1	Turbidity	23	NTU		0.02	0.05	22	4.4	None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 180.1	Turbidity	22	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 180.1	Turbidity	18	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 180.1	Turbidity	120	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 180.1	Turbidity	46	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	05/18/06	16:15	EPA 200.8	Zinc	11	µg/L		0.8	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	06/15/06	11:40	EPA 200.8	Zinc	13	µg/L		0.4	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	07/13/06	13:30	EPA 200.8	Zinc	14	µg/L		0.4	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	08/10/06	13:45	EPA 200.8	Zinc	12	µg/L		0.4	1			None - No QA Qualifier		DF=1
Prairie Flower Drain @ Crows Landing Road	E	1.00	1.00	09/14/06	10:55	EPA 200.8	Zinc	25	µg/L		0.4	1			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	09/13/06	14:15	EPA 405.1	BOD	6	mg/L		0.6	5			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	05/18/06	13:40	EPA 110.2	Color	45	color units		15	15			None - No QA Qualifier		DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	1.00	1.00	06/14/06	14:15	EPA 110.2	Color	28	color units		3	6			None - No QA Qualifier		DF=2
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	EPA 110.2	Color	90	color units		15	15			None - No QA Qualifier		DF=5
Silva Drain @ Meadow Drive	E	1.00	1.00	08/09/06	15:20	EPA 110.2	Color	50	color units		3	15			None - No QA Qualifier		DF=5
Silva Drain @ Meadow Drive	E	1.00	1.00	09/13/06	14:15	EPA 110.2	Color	70	color units		3	15			None - No QA Qualifier		DF=5
Silva Drain @ Meadow Drive	E	1.00	1.00	05/18/06	13:40	SM 9223	E. coli	1300	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:00 DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	06/14/06	14:15	SM 9223	E. coli	130	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=08:32 DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	SM 9223	E. coli	690	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:50 DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	08/09/06	15:20	SM 9223	E. coli	460	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:17 DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	09/13/06	14:15	SM 9223	E. coli	320	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:37 DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	EPA 300.0	Nitrate as N	6.2	mg/L		0.03	0.2			None - No QA Qualifier		DF=5
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	EPA 354.1	Nitrite as N	0.18	mg/L		0.003	0.03			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	EPA 365.2	OrthoPhosphate as P	0.55	mg/L		0.01	0.01			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	05/18/06	13:40	EPA 160.1	Total Dissolved Solids	53	mg/L		5.6	10			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	06/14/06	14:15	EPA 160.1	Total Dissolved Solids	29	mg/L		4	10			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	EPA 160.1	Total Dissolved Solids	150	mg/L		8	20			None - No QA Qualifier		DF=2
Silva Drain @ Meadow Drive	E	1.00	1.00	08/09/06	15:20	EPA 160.1	Total Dissolved Solids	110	mg/L		8	20			None - No QA Qualifier		DF=2
Silva Drain @ Meadow Drive	E	1.00	1.00	09/13/06	14:15	EPA 160.1	Total Dissolved Solids	20	mg/L		8	20			None - No QA Qualifier		DF=2
Silva Drain @ Meadow Drive	E	1.00	1.00	05/18/06	13:40	EPA 415.1	Total Organic Carbon	7	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	06/14/06	14:15	EPA 415.1	Total Organic Carbon	5.5	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	EPA 415.1	Total Organic Carbon	8.1	mg/L		1.5	2			None - No QA Qualifier		DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Silva Drain @ Meadow Drive	E	1.00	1.00	08/09/06	15:20	EPA 415.1	Total Organic Carbon	3.4	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	09/13/06	14:15	EPA 415.1	Total Organic Carbon	5.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	05/18/06	13:40	EPA 180.1	Turbidity	19	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	06/14/06	14:15	EPA 180.1	Turbidity	14	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	07/13/06	8:05	EPA 180.1	Turbidity	54	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	08/09/06	15:20	EPA 180.1	Turbidity	28	NTU		0.02	0.05			None - No QA Qualifier		DF=1
Silva Drain @ Meadow Drive	E	1.00	1.00	09/13/06	14:15	EPA 180.1	Turbidity	34	NTU		0.02	0.05			None - No QA Qualifier		DF=1
South Slough at Quinley Road	E	1.00	1.00	07/11/06	16:40	EPA 110.2	Color	36	color units		6	6			None - No QA Qualifier		DF=2
South Slough at Quinley Road	E	1.00	1.00	08/09/06	8:10	EPA 110.2	Color	35	color units		3	3			None - No QA Qualifier		DF=1
South Slough at Quinley Road	E	1.00	1.00	07/11/06	16:40	SM 9223	E. coli	1200	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:41 DF=1
South Slough at Quinley Road	E	1.00	1.00	08/09/06	8:10	SM 9223	E. coli	580	MPN/100 mL		1	1			None - No QA Qualifier		AnalysisTime=07:17 DF=1
South Slough at Quinley Road	E	1.00	1.00	07/11/06	16:40	EPA 160.1	Total Dissolved Solids	60	mg/L		8	20			None - No QA Qualifier		DF=2
South Slough at Quinley Road	E	1.00	1.00	08/09/06	8:10	EPA 160.1	Total Dissolved Solids	28	mg/L		8	20			None - No QA Qualifier		DF=2
South Slough at Quinley Road	E	1.00	1.00	07/11/06	16:40	EPA 415.1	Total Organic Carbon	1.5	mg/L		0.6	1			None - No QA Qualifier		DF=2
South Slough at Quinley Road	E	1.00	1.00	08/09/06	8:10	EPA 415.1	Total Organic Carbon	2.2	mg/L		0.3	0.5			None - No QA Qualifier		DF=1
South Slough at Quinley Road	E	1.00	1.00	07/11/06	16:40	EPA 180.1	Turbidity	24	NTU		0.02	0.05			None - No QA Qualifier		DF=1
South Slough at Quinley Road	E	1.00	1.00	08/09/06	8:10	EPA 180.1	Turbidity	28	NTU		0.02	0.05			None - No QA Qualifier		DF=1

Table 7. ESJWQC toxicity testing results for the irrigation season 2006. Data sorted by station name, species and sample date.

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Ash Slough @ Ave 21	05/16/06	15:10	23 hr	water	E	05/17/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Ash Slough @ Ave 21	06/13/06	12:10	150 hr	water	RT	06/19/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Control Survival <90% for Lab Control treatment in 6/14/06 test. Retest outside of standard hold time for sample. 6/14 Survival = 100%.
Ash Slough @ Ave 21	07/11/06	12:15	28 hr	water	E	07/12/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	
Ash Slough @ Ave 21	08/08/06	12:20	28 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Ash Slough @ Ave 21	09/12/06	12:05	29 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	95	95	NSG	
Ash Slough @ Ave 21	05/16/06	15:10	22 hr	water	E	05/17/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Ash Slough @ Ave 21	06/13/06	12:10	29 hr	water	E	06/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Ash Slough @ Ave 21	07/11/06	12:15	29 hr	water	E	07/12/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Ash Slough @ Ave 21	08/08/06	12:20	27 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Ash Slough @ Ave 21	09/12/06	12:05	29 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Ash Slough @ Ave 21	05/16/06	15:10	260 hr	water	RT	05/27/06	Selenastrum capricornutum	Total Cell Count	1003000	1811250	181	NSG	CV >20% for Lab Control treatment in 5/17/06 test. As a result, this retest was run outside of standard hold time for sample. 5/17 Cell Growth = 2,013,000 cells/mL.
Ash Slough @ Ave 21	06/13/06	12:10	26 hr	water	E	06/14/06	Selenastrum capricornutum	Total Cell Count	826000	1230000	149	NSG	
Ash Slough @ Ave 21	07/11/06	12:15	27 hr	water	E	07/12/06	Selenastrum capricornutum	Total Cell Count	706525	1692650	240	NSG	
Ash Slough @ Ave 21	08/08/06	12:20	26 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	331750	1511500	456	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Ash Slough @ Ave 21	09/12/06	12:05	28 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	473050	1726425	365	NSG	
Ash Slough @ Ave 21	08/08/06	12:20	251 hr	sediment	E	08/19/06	Hyalella azteca	Survival (%)	100	96.25	96	NSG	
Bear Creek @ Kibby Rd	05/17/06	13:00	25 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	0	0	SL	Dilution series NOEC=25%, EC50=30.8%, 3.25TUa. TIE 5/19/06. Toxicity 100% Baseline, tox persist. C18SPE removed tox, nonpolar organic responsible for tox. PBO reduced tox, metabolically activated substance partially involved in tox. Resampled, tox not persist.
Bear Creek @ Kibby Rd	05/25/06	11:40	27 hr	water	RS	05/26/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Resample - toxicity not persistent.
Bear Creek @ Kibby Rd	06/13/06	17:00	23 hr	water	E	06/14/06	Ceriodaphnia dubia	Survival (%)	95	95	100	NSG	
Bear Creek @ Kibby Rd	07/12/06	10:35	29 hr	water	E	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Bear Creek @ Kibby Rd	08/09/06	9:30	147 hr	water	RT	08/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Control Survival <90% in 8/10/06 test. Retest run outside hold time for sample.
Bear Creek @ Kibby Rd	09/12/06	15:45	25 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Bear Creek @ Kibby Rd	05/17/06	13:00	24 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	95	95	NSG	
Bear Creek @ Kibby Rd	06/13/06	17:00	24 hr	water	E	06/14/06	Pimephales promelas	Survival (%)	100	95	95	NSG	
Bear Creek @ Kibby Rd	07/12/06	10:35	29 hr	water	E	07/13/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Bear Creek @ Kibby Rd	08/09/06	9:30	28 hr	water	E	08/10/06	Pimephales promelas	Survival (%)	95	100	105	NSG	
Bear Creek @ Kibby Rd	09/12/06	15:45	25 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	95	95	NSG	
Bear Creek @ Kibby Rd	05/17/06	13:00	24 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	323750	1994750	616	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Bear Creek @ Kibby Rd	06/13/06	17:00	21 hr	water	E	06/14/06	Selenastrum capricornutum	Total Cell Count	1061000	1220000	115	NSG	
Bear Creek @ Kibby Rd	07/12/06	10:35	30 hr	water	E	07/13/06	Selenastrum capricornutum	Total Cell Count	461725	1787875	387	NSG	
Bear Creek @ Kibby Rd	08/09/06	9:30	28 hr	water	E	08/10/06	Selenastrum capricornutum	Total Cell Count	336500	1175250	349	NSG	
Bear Creek @ Kibby Rd	09/12/06	15:45	24 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	427925	1827750	427	NSG	
Bear Creek @ Kibby Rd	08/09/06	9:30	254 hr	sediment	E	08/20/06	Hyalella azteca	Survival (%)	98.75	97.5	99	NSG	
Berenda Slough along Avenue 18 1/2	05/16/06	14:45	23 hr	water	E	05/17/06	Ceriodaphnia dubia	Survival (%)	100	95	95	NSG	
Berenda Slough along Avenue 18 1/2	06/13/06	11:15	150 hr	water	RT	06/19/06	Ceriodaphnia dubia	Survival (%)	100	95	95	NSG	Control Survival <90% for Lab Control treatment in 6/14/06 test. Retest outside of standard hold time for sample. 6/14 Survival = 100%.
Berenda Slough along Avenue 18 1/2	07/11/06	11:15	29 hr	water	E	07/12/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	
Berenda Slough along Avenue 18 1/2	08/08/06	10:40	30 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Berenda Slough along Avenue 18 1/2	09/12/06	10:50	30 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	40	40	SL	Significant toxicity original sample. Phase1TIE 9/18/06, 100% mortality Baseline, tox persistent. C18SPE,PBO removed tox. Tox due to non-polar organics, metabolically-activated substances. Resampled, tox not persistent.
Berenda Slough along Avenue 18 1/2	09/21/06	12:40	29 hr	water	RS	09/22/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	Resample - toxicity not persistent.

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Berenda Slough along Avenue 18 1/2	05/16/06	14:45	22 hr	water	E	05/17/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Berenda Slough along Avenue 18 1/2	06/13/06	11:15	30 hr	water	E	06/14/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Berenda Slough along Avenue 18 1/2	07/11/06	11:15	20 hr	water	E	07/12/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Berenda Slough along Avenue 18 1/2	08/08/06	10:40	29 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Berenda Slough along Avenue 18 1/2	09/12/06	10:50	30 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Berenda Slough along Avenue 18 1/2	05/16/06	14:45	261 hr	water	RT	05/27/06	Selenastrum capricornutum	Total Cell Count	1003000	1485750	148	NSG	CV >20% for Lab Control treatment in 5/17/06 test. As a result, this retest was run outside of standard hold time for sample. 5/17 Cell Growth = 1,921,000 cells/mL. This was > the event threshold of 80% of the Lab Control growth.
Berenda Slough along Avenue 18 1/2	06/13/06	11:15	27 hr	water	E	06/14/06	Selenastrum capricornutum	Total Cell Count	826000	1155000	140	NSG	
Berenda Slough along Avenue 18 1/2	07/11/06	11:15	28 hr	water	E	07/12/06	Selenastrum capricornutum	Total Cell Count	706525	1740300	246	NSG	
Berenda Slough along Avenue 18 1/2	08/08/06	10:40	28 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	331750	1426250	430	NSG	
Berenda Slough along Avenue 18 1/2	09/12/06	10:50	29 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	473050	1675075	354	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Berenda Slough along Avenue 18 1/2	08/08/06	10:40	255 hr	sediment	E	08/19/06	Hyaella azteca	Survival (%)	100	100	100	NSG	
Black Rascal Creek @ Yosemite Road	05/18/06	8:30	29 hr	water	E	05/19/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	
Black Rascal Creek @ Yosemite Road	06/14/06	10:35	29 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Black Rascal Creek @ Yosemite Road	07/12/06	11:40	28 hr	water	E	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Black Rascal Creek @ Yosemite Road	08/09/06	10:20	146 hr	water	RT	08/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Control Survival <90% in 8/10/06 test. Retest was run outside hold time for sample.
Black Rascal Creek @ Yosemite Road	09/12/06	16:30	25 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Black Rascal Creek @ Yosemite Road	05/18/06	8:30	27 hr	water	E	05/19/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Black Rascal Creek @ Yosemite Road	06/14/06	10:35	28 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Black Rascal Creek @ Yosemite Road	07/12/06	11:40	28 hr	water	E	07/13/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Black Rascal Creek @ Yosemite Road	08/09/06	10:20	28 hr	water	E	08/10/06	Pimephales promelas	Survival (%)	95	100	105	NSG	
Black Rascal Creek @ Yosemite Road	09/12/06	16:30	24 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	98	98	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Black Rascal Creek @ Yosemite Road	05/18/06	8:30	32 hr	water	E	05/19/06	Selenastrum capricornutum	Total Cell Count	264750	2225750	841	NSG	
Black Rascal Creek @ Yosemite Road	06/14/06	10:35	27 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	760000	1650000	217	NSG	
Black Rascal Creek @ Yosemite Road	07/12/06	11:40	29 hr	water	E	07/13/06	Selenastrum capricornutum	Total Cell Count	461725	2066175	447	NSG	
Black Rascal Creek @ Yosemite Road	08/09/06	10:20	28 hr	water	E	08/10/06	Selenastrum capricornutum	Total Cell Count	336500	1417250	421	NSG	
Black Rascal Creek @ Yosemite Road	09/12/06	16:30	24 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	427925	1651625	386	NSG	
Black Rascal Creek @ Yosemite Road	08/09/06	10:20	253 hr	sediment	E	08/20/06	Hyaella azteca	Survival (%)	98.75	97.5	99	NSG	
Cottonwood Creek @ Road 20	05/16/06	9:30	28 hr	water	E	05/17/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Cottonwood Creek @ Road 20	06/13/06	8:15	153 hr	water	RT	06/19/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Control Survival <90% for Lab Control treatment in 6/14/06 test. Retest outside of standard hold time for sample. 6/14 Survival = 100%. This was > the event threshold of 90% of the Lab Control survival.
Cottonwood Creek @ Road 20	07/11/06	8:30	32 hr	water	E	07/12/06	Ceriodaphnia dubia	Survival (%)	95	95	100	NSG	
Cottonwood Creek @ Road 20	08/08/06	8:15	32 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Cottonwood Creek @ Road 20	09/12/06	8:55	32 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Cottonwood Creek @ Road 20	05/16/06	9:30	27 hr	water	E	05/17/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Cottonwood Creek @ Road 20	06/13/06	8:15	33 hr	water	E	06/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Cottonwood Creek @ Road 20	07/11/06	8:30	33 hr	water	E	07/12/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Cottonwood Creek @ Road 20	08/08/06	8:15	31 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Cottonwood Creek @ Road 20	09/12/06	8:55	32 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Cottonwood Creek @ Road 20	05/16/06	9:30	27 hr	water	E	05/17/06	Selenastrum capricornutum	Total Cell Count	236750	2067000	873	NSG	
Cottonwood Creek @ Road 20	06/13/06	8:15	30 hr	water	E	06/14/06	Selenastrum capricornutum	Total Cell Count	826000	1565000	189	NSG	
Cottonwood Creek @ Road 20	07/11/06	8:30	31 hr	water	E	07/12/06	Selenastrum capricornutum	Total Cell Count	706525	2032200	288	NSG	
Cottonwood Creek @ Road 20	08/08/06	8:15	30 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	331750	1698750	512	NSG	
Cottonwood Creek @ Road 20	09/12/06	8:55	31 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	473050	1736800	367	NSG	
Cottonwood Creek @ Road 20	08/08/06	8:15	250 hr	sediment	E	08/19/06	Hyalella azteca	Survival (%)	100	100	100	NSG	
Deadman Creek @ Highway 59	05/17/06	8:15	30 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Deadman Creak @ Highway 59	06/13/06	13:50	26 hr	water	E	06/14/06	Ceriodaphnia dubia	Survival (%)	95	90	95	NSG	
Deadman Creak @ Highway 59	07/11/06	14:00	26 hr	water	E	07/12/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	Concurrent pH 7 adj. test run. No toxicity observed in either the pH adj. or untreated samples. Survival=100%, Control ph adj. Survival=100%.
Deadman Creak @ Highway 59	08/08/06	14:00	26 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	100	95	95	NSG	
Deadman Creak @ Highway 59	09/12/06	13:15	28 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Deadman Creak @ Highway 59	05/17/06	8:15	28 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	95	95	NSG	
Deadman Creak @ Highway 59	06/13/06	13:50	27 hr	water	E	06/14/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Deadman Creak @ Highway 59	07/11/06	14:00	28 hr	water	E	07/12/06	Pimephales promelas	Survival (%)	100	100	100	NSG	Concurrent pH 7 adj. test run. No toxicity observed in either the pH adj. or untreated samples. Survival=100%, Control ph adj. Survival=100%.
Deadman Creak @ Highway 59	08/08/06	14:00	26 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Deadman Creak @ Highway 59	09/12/06	13:15	27 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Deadman Creak @ Highway 59	05/17/06	8:15	28 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	323750	2703750	835	NSG	
Deadman Creak @ Highway 59	06/13/06	13:50	24 hr	water	E	06/14/06	Selenastrum capricornutum	Total Cell Count	1061000	1757500	166	NSG	
Deadman Creak @ Highway 59	07/11/06	14:00	25 hr	water	E	07/12/06	Selenastrum capricornutum	Total Cell Count	708575	2128075	300	NSG	Concurrent pH 7 adj. test run. No toxicity observed in either the pH adj. or untreated samples. Cells/mL=1,681,000 Control ph adj. growth cells/mL=778,000
Deadman Creak @ Highway 59	08/08/06	14:00	24 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	333000	1520000	456	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Deadman Creak @ Highway 59	09/12/06	13:15	27 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	427925	2144200	501	NSG	
Deadman Creak @ Highway 59	08/08/06	14:00	249 hr	sediment	E	08/19/06	Hyalella azteca	Survival (%)	100	97.5	97	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	05/17/06	9:40	29 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	14:50	25 hr	water	E	06/14/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	15:15	25 hr	water	E	07/12/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	15:00	26 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	14:15	27 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	05/17/06	9:40	28 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	14:50	27 hr	water	E	06/14/06	Pimephales promelas	Survival (%)	100	88	88	SG	Significant toxicity in original sample. Resampled - toxicity not persistent.
Deadman Creek (Dutchman) @ Gurr Rd	06/23/06	11:50	5 hr	water	RS	06/23/06	Pimephales promelas	Survival (%)	100	98	98	NSG	Resample - toxicity not persistent.
Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	15:15	26 hr	water	E	07/12/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	15:00	24 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	100	100	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	14:15	26 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	93	93	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	05/17/06	9:40	27 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	265750	2158750	812	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	14:50	24 hr	water	E	06/14/06	Selenastrum capricornutum	Total Cell Count	1061000	1847500	174	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	15:15	24 hr	water	E	07/12/06	Selenastrum capricornutum	Total Cell Count	708575	2725625	385	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	15:00	23 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	331750	1649500	497	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	14:15	26 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	473050	2298900	486	NSG	
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	15:00	253 hr	sediment	E	08/19/06	Hyalella azteca	Survival (%)	100	98.75	99	NSG	
Dry Creek @ Wellsford Road	05/18/06	12:00	26 hr	water	E	05/19/06	Ceriodaphnia dubia	Survival (%)	100	95	95	NSG	
Dry Creek @ Wellsford Road	06/15/06	10:20	28 hr	water	E	06/16/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Dry Creek @ Wellsford Road	07/13/06	11:00	27 hr	water	E	07/14/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Dry Creek @ Wellsford Road	08/10/06	12:00	29 hr	water	E	08/11/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Dry Creek @ Wellsford Road	09/14/06	9:35	27 hr	water	E	09/15/06	Ceriodaphnia dubia	Survival (%)	100	70	70	SL	Significant toxicity original sample. Resampled, toxicity not persistent.

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Dry Creek @ Wellsford Road	09/21/06	14:55	30 hr	water	RS	09/22/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	Resample - toxicity not persistent.
Dry Creek @ Wellsford Road	05/18/06	12:00	23 hr	water	E	05/19/06	Pimephales promelas	Survival (%)	98	98	100	NSG	
Dry Creek @ Wellsford Road	06/15/06	10:20	28 hr	water	E	06/16/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Dry Creek @ Wellsford Road	07/13/06	11:00	27 hr	water	E	07/14/06	Pimephales promelas	Survival (%)	98	100	103	NSG	
Dry Creek @ Wellsford Road	08/10/06	12:00	31 hr	water	E	08/11/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Dry Creek @ Wellsford Road	09/14/06	9:35	29 hr	water	E	09/15/06	Pimephales promelas	Survival (%)	95	98	103	NSG	
Dry Creek @ Wellsford Road	05/18/06	12:00	28 hr	water	E	05/19/06	Selenastrum capricornutum	Total Cell Count	241000	2135750	886	NSG	
Dry Creek @ Wellsford Road	06/15/06	10:20	173 hr	water	RT	06/22/06	Selenastrum capricornutum	Total Cell Count	308000	2050000	666	NSG	CV >20% for Lab Control treatment in 6/16/06 test. Retest outside of standard hold time for sample. 6/16 Cell Growth = 2,270,000 cells/mL.
Dry Creek @ Wellsford Road	07/13/06	11:00	25 hr	water	E	07/14/06	Selenastrum capricornutum	Total Cell Count	677250	2018250	298	NSG	
Dry Creek @ Wellsford Road	08/10/06	12:00	28 hr	water	E	08/11/06	Selenastrum capricornutum	Total Cell Count	426500	1963350	460	NSG	
Dry Creek @ Wellsford Road	09/14/06	9:35	29 hr	water	E	09/15/06	Selenastrum capricornutum	Total Cell Count	502000	3151075	628	NSG	
Dry Creek @ Wellsford Road	08/10/06	12:00	252 hr	sediment	E	08/21/06	Hyalella azteca	Survival (%)	100	97.5	97	NSG	
Dry Creek at Road 18	05/16/06	13:15	25 hr	water	E	05/17/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Dry Creek at Road 18	06/13/06	9:20	152 hr	water	RT	06/19/06	Ceriodaphnia dubia	Survival (%)	100	80	80	SG	Control Survival failed at <90% 6/14/06 test. Retest outside hold time. 6/14 sample survival=100%. >the event threshold 90% of Control survival.
Dry Creek at Road 18	06/29/06	12:30	28 hr	water	RS	06/30/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Resample - toxicity not persistent.
Dry Creek at Road 18	07/11/06	9:50	30 hr	water	E	07/12/06	Ceriodaphnia dubia	Survival (%)	95	95	100	NSG	
Dry Creek at Road 18	08/08/06	9:30	31 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Dry Creek at Road 18	09/12/06	10:00	31 hr	water	E	09/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Dry Creek at Road 18	05/16/06	13:15	24 hr	water	E	05/17/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Dry Creek at Road 18	06/13/06	9:20	32 hr	water	E	06/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Dry Creek at Road 18	07/11/06	9:50	32 hr	water	E	07/12/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Dry Creek at Road 18	08/08/06	9:30	30 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Dry Creek at Road 18	09/12/06	10:00	31 hr	water	E	09/13/06	Pimephales promelas	Survival (%)	100	83	83	NSG	
Dry Creek at Road 18	05/16/06	13:15	23 hr	water	E	05/17/06	Selenastrum capricornutum	Total Cell Count	236750	1545500	653	NSG	
Dry Creek at Road 18	06/13/06	9:20	29 hr	water	E	06/14/06	Selenastrum capricornutum	Total Cell Count	826000	1175750	142	NSG	
Dry Creek at Road 18	07/11/06	9:50	29 hr	water	E	07/12/06	Selenastrum capricornutum	Total Cell Count	706525	1272550	180	NSG	
Dry Creek at Road 18	08/08/06	9:30	29 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	331750	1248750	376	NSG	
Dry Creek at Road 18	09/12/06	10:00	30 hr	water	E	09/13/06	Selenastrum capricornutum	Total Cell Count	473050	1422400	301	NSG	
Dry Creek at Road 18	08/08/06	9:30	254 hr	sediment	E	08/19/06	Hyalella azteca	Survival (%)	100	97.5	97	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Duck Slough @ Gurr Rd	05/17/06	10:20	28 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Duck Slough @ Gurr Rd	06/14/06	8:00	31 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Duck Slough @ Gurr Rd	07/12/06	8:00	32 hr	water	E	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Duck Slough @ Gurr Rd	08/08/06	15:55	25 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Duck Slough @ Gurr Rd	09/13/06	9:10	31 hr	water	E	09/14/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Duck Slough @ Gurr Rd	05/17/06	10:20	26 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Duck Slough @ Gurr Rd	06/14/06	8:00	31 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Duck Slough @ Gurr Rd	07/12/06	8:00	31 hr	water	E	07/13/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Duck Slough @ Gurr Rd	08/08/06	15:55	24 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Duck Slough @ Gurr Rd	09/13/06	9:10	29 hr	water	E	09/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Duck Slough @ Gurr Rd	05/17/06	10:20	26 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	323750	3097750	957	NSG	
Duck Slough @ Gurr Rd	06/14/06	8:00	29 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	760000	1030250	136	NSG	
Duck Slough @ Gurr Rd	07/12/06	8:00	32 hr	water	E	07/13/06	Selenastrum capricornutum	Total Cell Count	461725	2846425	616	NSG	
Duck Slough @ Gurr Rd	08/08/06	15:55	23 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	333000	1682500	505	NSG	
Duck Slough @ Gurr Rd	09/13/06	9:10	30 hr	water	E	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	2542500	466	NSG	
Duck Slough @ Gurr Rd	08/08/06	15:55	248 hr	sediment	E	08/19/06	Hyalella azteca	Survival (%)	100	98.75	99	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Duck Slough @ Hwy 99	05/17/06	11:45	27 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	0	0	SL	Dilution series NOEC=25%,EC50=30.8%, 3.25TUa. TIE 5/19/06. Toxicity 100%Baseline, tox persist. C18SPE removed tox, nonpolar organic responsible for tox. PBO reduced tox, metabolically activated subst partially involved in tox. Resampled, tox not persist.
Duck Slough @ Hwy 99	05/25/06	12:30	26 hr	water	RS	05/26/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Resample - toxicity not persistent.
Duck Slough @ Hwy 99	06/14/06	9:30	30 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Duck Slough @ Hwy 99	07/12/06	9:30	30 hr	water	E	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Duck Slough @ Hwy 99	08/08/06	17:15	23 hr	water	E	08/09/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Duck Slough @ Hwy 99	09/13/06	8:05	32 hr	water	E	09/14/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Duck Slough @ Hwy 99	05/17/06	11:45	25 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Duck Slough @ Hwy 99	06/14/06	9:30	29 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	100	95	95	NSG	
Duck Slough @ Hwy 99	07/12/06	9:30	30 hr	water	E	07/13/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Duck Slough @ Hwy 99	08/08/06	17:15	22 hr	water	E	08/09/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Duck Slough @ Hwy 99	09/13/06	8:05	30 hr	water	E	09/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Duck Slough @ Hwy 99	05/17/06	11:45	25 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	323750	2586250	799	NSG	
Duck Slough @ Hwy 99	06/14/06	9:30	28 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	760000	1370000	180	NSG	
Duck Slough @ Hwy 99	07/12/06	9:30	31 hr	water	E	07/13/06	Selenastrum capricornutum	Total Cell Count	461725	1614475	350	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Duck Slough @ Hwy 99	08/08/06	17:15	21 hr	water	E	08/09/06	Selenastrum capricornutum	Total Cell Count	333000	1362000	409	NSG	
Duck Slough @ Hwy 99	09/13/06	8:05	31 hr	water	E	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	2582250	473	NSG	
Duck Slough @ Hwy 99	08/08/06	17:15	246 hr	sediment	E	08/19/06	Hyalella azteca	Survival (%)	100	98.75	99	NSG	
Highline Canal @ Hwy 99	05/17/06	14:35	24 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Highline Canal @ Hwy 99	06/14/06	11:40	28 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Highline Canal @ Hwy 99	07/12/06	13:15	26 hr	water	E	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Highline Canal @ Hwy 99	08/09/06	11:45	144 hr	water	RT	08/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Control Survival <90% in 8/10/06 test. Retest was run outside hold time for sample.
Highline Canal @ Hwy 99	09/13/06	11:45	28 hr	water	E	09/14/06	Ceriodaphnia dubia	Survival (%)	90	60	67	SL	Significant toxicity original sample. Resampled, toxicity not persistent.
Highline Canal @ Hwy 99	09/21/06	11:15	31 hr	water	RS	09/22/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	Resample - toxicity not persistent.
Highline Canal @ Hwy 99	05/17/06	14:35	23 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Highline Canal @ Hwy 99	06/14/06	11:40	27 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Highline Canal @ Hwy 99	07/12/06	13:15	26 hr	water	E	07/13/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Highline Canal @ Hwy 99	08/09/06	11:45	26 hr	water	E	08/10/06	Pimephales promelas	Survival (%)	95	95	100	NSG	
Highline Canal @ Hwy 99	09/13/06	11:45	27 hr	water	E	09/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Highline Canal @ Hwy 99	05/17/06	14:35	22 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	265750	1772750	667	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Highline Canal @ Hwy 99	06/14/06	11:40	26 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	760000	1360000	179	NSG	
Highline Canal @ Hwy 99	07/12/06	13:15	27 hr	water	E	07/13/06	Selenastrum capricornutum	Total Cell Count	461725	1321325	286	NSG	
Highline Canal @ Hwy 99	08/09/06	11:45	26 hr	water	E	08/10/06	Selenastrum capricornutum	Total Cell Count	336500	1149750	342	NSG	
Highline Canal @ Hwy 99	09/13/06	11:45	28 hr	water	E	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	1795250	329	NSG	
Highline Canal @ Hwy 99	08/09/06	11:45	252 hr	sediment	E	08/20/06	Hyalella azteca	Survival (%)	98.75	88.75	90	SG	Significant acute toxicity HCHNN sediment grab sample. Re-sampled, toxicity persistent.
Highline Canal @ Hwy 99	09/05/06	11:10	216 hr	sediment	RS	09/14/06	Hyalella azteca	Survival (%)	100	80	80	NSG	Resample - toxicity persistent. Reduction in survival <20% Control, may not be ecologically significant.
Highline Canal @ Lombardy Rd	05/17/06	15:30	23 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Highline Canal @ Lombardy Rd	06/14/06	12:25	27 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	65	65	SL	Significant toxicity in original sample. Resampled - toxicity not persistent.
Highline Canal @ Lombardy Rd	06/23/06	10:40	6 hr	water	RS	06/23/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Resample - toxicity not persistent.
Highline Canal @ Lombardy Rd	07/12/06	14:00	26 hr	water	E	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Highline Canal @ Lombardy Rd	08/09/06	12:40	143 hr	water	RT	08/15/06	Ceriodaphnia dubia	Survival (%)	100	95	95	NSG	Control Survival <90% in 8/10/06 test. Retest was run outside hold time for sample.
Highline Canal @ Lombardy Rd	09/13/06	12:35	28 hr	water	E	09/14/06	Ceriodaphnia dubia	Survival (%)	90	35	39	SL	Significant toxicity original sample, Phase1 TIE 9/19/06 targeting pesticides, toxicity not persistent. Labile contaminants. Resampled, toxicity not persistent.

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Highline Canal @ Lombardy Rd	09/21/06	10:45	31 hr	water	RS	09/22/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	Resample - toxicity not persistent.
Highline Canal @ Lombardy Rd	05/17/06	15:30	22 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	93	93	NSG	
Highline Canal @ Lombardy Rd	06/14/06	12:25	26 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	100	83	83	NSG	
Highline Canal @ Lombardy Rd	07/12/06	14:00	26 hr	water	E	07/13/06	Pimephales promelas	Survival (%)	98	100	103	NSG	
Highline Canal @ Lombardy Rd	08/09/06	12:40	25 hr	water	E	08/10/06	Pimephales promelas	Survival (%)	95	100	105	NSG	
Highline Canal @ Lombardy Rd	09/13/06	12:35	26 hr	water	E	09/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Highline Canal @ Lombardy Rd	05/17/06	15:30	21 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	265750	1777250	669	NSG	
Highline Canal @ Lombardy Rd	06/14/06	12:25	25 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	760000	1235000	163	NSG	
Highline Canal @ Lombardy Rd	07/12/06	14:00	26 hr	water	E	07/13/06	Selenastrum capricornutum	Total Cell Count	463775	1600450	345	NSG	
Highline Canal @ Lombardy Rd	08/09/06	12:40	25 hr	water	E	08/10/06	Selenastrum capricornutum	Total Cell Count	336500	1379000	410	NSG	
Highline Canal @ Lombardy Rd	09/13/06	12:35	27 hr	water	E	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	1856000	340	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Highline Canal @ Lombardy Rd	08/09/06	12:40	251 hr	sediment	E	08/20/06	Hyaella azteca	Survival (%)	98.75	98.75	100	NSG	
Hilmar Drain @ Central Ave	05/18/06	15:10	22 hr	water	E	05/19/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Hilmar Drain @ Central Ave	06/15/06	12:40	26 hr	water	E	06/16/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Hilmar Drain @ Central Ave	07/13/06	12:40	25 hr	water	E	07/14/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Hilmar Drain @ Central Ave	08/10/06	14:50	26 hr	water	E	08/11/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Hilmar Drain @ Central Ave	09/14/06	12:00	27 hr	water	E	09/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Hilmar Drain @ Central Ave	05/18/06	15:10	19 hr	water	E	05/19/06	Pimephales promelas	Survival (%)	98	98	100	NSG	
Hilmar Drain @ Central Ave	06/15/06	12:40	25 hr	water	E	06/16/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Hilmar Drain @ Central Ave	07/13/06	12:40	26 hr	water	E	07/14/06	Pimephales promelas	Survival (%)	98	100	103	NSG	
Hilmar Drain @ Central Ave	08/10/06	14:50	28 hr	water	E	08/11/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Hilmar Drain @ Central Ave	09/14/06	12:00	26 hr	water	E	09/15/06	Pimephales promelas	Survival (%)	95	93	97	NSG	
Hilmar Drain @ Central Ave	05/18/06	15:10	25 hr	water	E	05/19/06	Selenastrum capricornutum	Total Cell Count	241000	3026000	1256	NSG	
Hilmar Drain @ Central Ave	06/15/06	12:40	171 hr	water	RT	06/22/06	Selenastrum capricornutum	Total Cell Count	308000	2305000	748	NSG	CV >20% for Lab Control treatment in 6/16/06 test. Retest outside of standard hold time for sample. 6/16 Cell Growth = 2,270,000 cells/mL. This was > the event threshold of 80% of the Lab Control growth.

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Hilmar Drain @ Central Ave	07/13/06	12:40	23 hr	water	E	07/14/06	Selenastrum capricornutum	Total Cell Count	677250	242000	36	SL	Significant toxicity in sample. Phase I TIE 7/19/06, toxicity not persistent. Labile contaminants. Resampled, toxicity not persistent.
Hilmar Drain @ Central Ave	07/20/06	12:40	148 hr	water	RS, RT	07/26/06	Selenastrum capricornutum	Total Cell Count	323500	1845750	571	NSG	Resample. Growth<200K cells/mL Control, 7/21=10,000 cells/mL. Retest outside hold time, 7/21 growth=1,307,000 cells/mL. >threshold 80%Control. CV>20% re-test, algal density >Control, toxicity not persistent. No further testing.
Hilmar Drain @ Central Ave	08/10/06	14:50	26 hr	water	E	08/11/06	Selenastrum capricornutum	Total Cell Count	211125	2349250	1113	NSG	
Hilmar Drain @ Central Ave	09/14/06	12:00	26 hr	water	E	09/15/06	Selenastrum capricornutum	Total Cell Count	502000	2646500	527	NSG	
Hilmar Drain @ Central Ave	08/10/06	14:50	249 hr	sediment	E	08/21/06	Hyalella azteca	Survival (%)	100	98.75	99	NSG	
Jones Drain @ Oakdale Road	05/17/06	16:30	22 hr	water	E	05/18/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Jones Drain @ Oakdale Road	06/14/06	15:15	24 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Jones Drain @ Oakdale Road	07/13/06	8:45	29 hr	water	E	07/14/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Jones Drain @ Oakdale Road	08/10/06	8:30	33 hr	water	E	08/11/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Jones Drain @ Oakdale Road	09/13/06	15:05	25 hr	water	E	09/14/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	
Jones Drain @ Oakdale Road	05/17/06	16:30	21 hr	water	E	05/18/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Jones Drain @ Oakdale Road	06/14/06	15:15	24 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	95	88	92	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Jones Drain @ Oakdale Road	07/13/06	8:45	30 hr	water	E	07/14/06	Pimephales promelas	Survival (%)	98	100	103	NSG	
Jones Drain @ Oakdale Road	08/10/06	8:30	34 hr	water	E	08/11/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Jones Drain @ Oakdale Road	09/13/06	15:05	23 hr	water	E	09/14/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Jones Drain @ Oakdale Road	05/17/06	16:30	20 hr	water	E	05/18/06	Selenastrum capricornutum	Total Cell Count	265750	2404500	905	NSG	
Jones Drain @ Oakdale Road	06/14/06	15:15	22 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	662000	1507500	228	NSG	
Jones Drain @ Oakdale Road	07/13/06	8:45	27 hr	water	E	07/14/06	Selenastrum capricornutum	Total Cell Count	677250	1978500	292	NSG	
Jones Drain @ Oakdale Road	08/10/06	8:30	31 hr	water	E	08/11/06	Selenastrum capricornutum	Total Cell Count	426500	2105750	494	NSG	
Jones Drain @ Oakdale Road	09/13/06	15:05	24 hr	water	E	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	2312750	424	NSG	
Jones Drain @ Oakdale Road	08/10/06	8:30	255 hr	sediment	E	08/21/06	Hyalella azteca	Survival (%)	100	97.5	97	NSG	
Merced River @ Santa Fe	05/16/06	18:35	19 hr	water	E	05/17/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Merced River @ Santa Fe	06/14/06	13:20	26 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Merced River @ Santa Fe	07/12/06	16:00	24 hr	water	E	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Merced River @ Santa Fe	08/09/06	13:30	143 hr	water	E	08/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Control Survival <90% in 8/10/06 test. Retest was run outside hold time for sample.
Merced River @ Santa Fe	09/13/06	13:15	27 hr	water	E	09/14/06	Ceriodaphnia dubia	Survival (%)	95	95	100	NSG	
Merced River @ Santa Fe	05/16/06	18:35	18 hr	water	E	05/17/06	Pimephales promelas	Survival (%)	100	98	98	NSG	
Merced River @ Santa Fe	06/14/06	13:20	26 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	95	95	100	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Merced River @ Santa Fe	07/12/06	16:00	24 hr	water	E	07/13/06	Pimephales promelas	Survival (%)	98	100	103	NSG	
Merced River @ Santa Fe	08/09/06	13:30	25 hr	water	E	08/10/06	Pimephales promelas	Survival (%)	95	100	105	NSG	
Merced River @ Santa Fe	09/13/06	13:15	25 hr	water	E	09/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Merced River @ Santa Fe	05/16/06	18:35	257 hr	water	RT	05/27/06	Selenastrum capricornutum	Total Cell Count	1003000	1704500	170	NSG	CV >20% for Lab Control treatment in 5/17/06 test. As a result, this retest was run outside of standard hold time for sample. 5/17 Cell Growth = 1,821,000 cells/mL. This was > the event threshold of 80% of the Lab Control growth.
Merced River @ Santa Fe	06/14/06	13:20	24 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	662000	1375000	208	NSG	
Merced River @ Santa Fe	07/12/06	16:00	24 hr	water	E	07/13/06	Selenastrum capricornutum	Total Cell Count	463775	1811200	391	NSG	
Merced River @ Santa Fe	08/09/06	13:30	25 hr	water	E	08/10/06	Selenastrum capricornutum	Total Cell Count	336500	1476000	439	NSG	
Merced River @ Santa Fe	09/13/06	13:15	26 hr	water	E	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	2063250	378	NSG	
Merced River @ Santa Fe	08/09/06	13:30	251 hr	sediment	E	08/20/06	Hyalella azteca	Survival (%)	98.75	100	101	NSG	
Mustang Creek @ East Ave	05/18/06	10:40	27 hr	water	E	05/19/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	
Mustang Creek @ East Ave	06/15/06	8:55	30 hr	water	E	06/16/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Mustang Creek @ East Ave	08/10/06	10:40	30 hr	water	E	08/11/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Mustang Creek @ East Ave	05/18/06	10:40	25 hr	water	E	05/19/06	Pimephales promelas	Survival (%)	100	95	95	NSG	
Mustang Creek @ East Ave	06/15/06	8:55	29 hr	water	E	06/16/06	Pimephales promelas	Survival (%)	100	100	100	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Mustang Creek @ East Ave	08/10/06	10:40	32 hr	water	E	08/11/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Mustang Creek @ East Ave	05/18/06	10:40	29 hr	water	E	05/19/06	Selenastrum capricornutum	Total Cell Count	264750	2441000	922	NSG	
Mustang Creek @ East Ave	06/15/06	8:55	175 hr	water	RT	06/22/06	Selenastrum capricornutum	Total Cell Count	308000	3122500	1014	NSG	CV >20% for Lab Control treatment in 6/16/06 test. Retest outside of standard hold time for sample. 6/16 Cell Growth = 2,270,000 cells/mL. This was > the event threshold of 80% of the Lab Control growth.
Mustang Creek @ East Ave	08/10/06	10:40	30 hr	water	E	08/11/06	Selenastrum capricornutum	Total Cell Count	426500	2692750	631	NSG	
Mustang Creek @ East Ave	08/10/06	10:40	253 hr	sediment	E	08/21/06	Hyalella azteca	Survival (%)	100	97.5	97	NSG	
Prairie Flower Drain @ Crows Landing Road	05/18/06	16:15	21 hr	water	E	05/19/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	
Prairie Flower Drain @ Crows Landing Road	06/15/06	11:40	27 hr	water	E	06/16/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Prairie Flower Drain @ Crows Landing Road	07/13/06	13:30	24 hr	water	E	07/14/06	Ceriodaphnia dubia	Survival (%)	90	95	106	NSG	
Prairie Flower Drain @ Crows Landing Road	08/10/06	13:45	27 hr	water	E	08/11/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Prairie Flower Drain @ Crows Landing Road	09/14/06	10:55	28 hr	water	E	09/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Prairie Flower Drain @ Crows Landing Road	05/18/06	16:15	19 hr	water	E	05/19/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Prairie Flower Drain @ Crows Landing Road	06/15/06	11:40	26 hr	water	E	06/16/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Prairie Flower Drain @ Crows Landing Road	07/13/06	13:30	25 hr	water	E	07/14/06	Pimephales promelas	Survival (%)	98	8	8	SL	Significant toxicity in sample. Phase I TIE 7/16/06. Toxicity persistent (100% mortality Baseline) Zeolite removed tox, ammonia main cause. C18SPE slight nonpolar organic. Resampled, toxicity persistent but with diminishing magnitude.
Prairie Flower Drain @ Crows Landing Road	07/20/06	11:30	25 hr	water	RS	07/21/06	Pimephales promelas	Survival (%)	100	70	70	SL	Resample. Significant reduction in survival, indicating that toxicity persistent but with diminishing magnitude.
Prairie Flower Drain @ Crows Landing Road	08/10/06	13:45	29 hr	water	E	08/11/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Prairie Flower Drain @ Crows Landing Road	09/14/06	10:55	28 hr	water	E	09/15/06	Pimephales promelas	Survival (%)	95	98	103	NSG	
Prairie Flower Drain @ Crows Landing Road	05/18/06	16:15	24 hr	water	E	05/19/06	Selenastrum capricornutum	Total Cell Count	264750	2038000	770	NSG	
Prairie Flower Drain @ Crows Landing Road	06/15/06	11:40	172 hr	water	RT	06/22/06	Selenastrum capricornutum	Total Cell Count	308000	2762500	897	NSG	CV >20% for Lab Control treatment in 6/16/06 test. Retest outside of standard hold time for sample. 6/16 Cell Growth = 2,270,000 cells/mL. This was > the event threshold of 80% of the Lab Control growth.

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Prairie Flower Drain @ Crows Landing Road	07/13/06	13:30	22 hr	water	E	07/14/06	Selenastrum capricornutum	Total Cell Count	677250	1361250	201	NSG	
Prairie Flower Drain @ Crows Landing Road	08/10/06	13:45	26 hr	water	E	08/11/06	Selenastrum capricornutum	Total Cell Count	426500	2768500	649	NSG	
Prairie Flower Drain @ Crows Landing Road	09/14/06	10:55	27 hr	water	E	09/15/06	Selenastrum capricornutum	Total Cell Count	502000	4065750	810	NSG	
Prairie Flower Drain @ Crows Landing Road	08/10/06	13:45	250 hr	sediment	E	08/21/06	Hyalella azteca	Survival (%)	100	100	100	NSG	
Silva Drain @ Meadow Drive	05/18/06	13:40	24 hr	water	E	05/19/06	Ceriodaphnia dubia	Survival (%)	100	95	95	NSG	
Silva Drain @ Meadow Drive	06/14/06	14:15	25 hr	water	E	06/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	
Silva Drain @ Meadow Drive	07/13/06	8:05	30 hr	water	E	07/14/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
Silva Drain @ Meadow Drive	08/09/06	15:20	159	water	RT	08/15/06	Ceriodaphnia dubia	Survival (%)	100	0	0	SL	Control Survival<90% 8/10/06 test. Retest outside hold time. Dilution series NOEC=25%, EC50=38%, 2.63TUa. TIE 8/13/06, tox persist. C18SPE,PBO removed tox, metabolically-activated non-polar organic likely responsible. Resampled, toxicity not persistent.
Silva Drain @ Meadow Drive	08/17/06	11:35	123 hr	water	RS, RT	08/22/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	Resample, retested due to initial control failure, Run outside of hold time for sample.
Silva Drain @ Meadow Drive	09/13/06	14:15	26 hr	water	E	09/14/06	Ceriodaphnia dubia	Survival (%)	95	100	105	NSG	

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
Silva Drain @ Meadow Drive	05/18/06	13:40	22 hr	water	E	05/19/06	Pimephales promelas	Survival (%)	98	98	100	NSG	
Silva Drain @ Meadow Drive	06/14/06	14:15	25 hr	water	E	06/15/06	Pimephales promelas	Survival (%)	95	93	97	NSG	
Silva Drain @ Meadow Drive	07/13/06	8:05	30 hr	water	E	07/14/06	Pimephales promelas	Survival (%)	98	98	100	NSG	
Silva Drain @ Meadow Drive	08/09/06	15:20	38 hr	water	E	08/10/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Silva Drain @ Meadow Drive	09/13/06	14:15	24 hr	water	E	09/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
Silva Drain @ Meadow Drive	05/18/06	13:40	26 hr	water	E	05/19/06	Selenastrum capricornutum	Total Cell Count	241000	2102250	872	NSG	
Silva Drain @ Meadow Drive	06/14/06	14:15	23 hr	water	E	06/15/06	Selenastrum capricornutum	Total Cell Count	662000	1345000	203	NSG	
Silva Drain @ Meadow Drive	07/13/06	8:05	28 hr	water	E	07/14/06	Selenastrum capricornutum	Total Cell Count	677250	2083500	308	NSG	
Silva Drain @ Meadow Drive	08/09/06	15:20	23 hr	water	E	08/10/06	Selenastrum capricornutum	Total Cell Count	369750	1092500	295	NSG	
Silva Drain @ Meadow Drive	09/13/06	14:15	25 hr	water	E	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	2113000	387	NSG	
Silva Drain @ Meadow Drive	08/09/06	15:20	248 hr	sediment	E	08/20/06	Hyalella azteca	Survival (%)	98.75	61.25	62	SL	Significant acute toxicity SDAMD sediment grab sample. Re-sampled, toxicity persistent.
Silva Drain @ Meadow Drive	09/05/06	11:50	216 hr	sediment	RS	09/14/06	Hyalella azteca	Survival (%)	100	91.25	91	NSG	Resample - toxicity persistent. Reduction in survival <20% Control, may not be ecologically significant.
South Slough at Quinley Road	07/11/06	16:40	24 hr	water	E	07/12/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	
South Slough at Quinley Road	08/09/06	8:10	150 hr	water	RT	08/15/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	Control Survival <90% in 8/10/06 test. Retest was run outside hold time for sample.

Station Name	Sample Date	Sample Time	Sample Age at Start of Test	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Toxicity Test Comments
South Slough at Quinley Road	07/11/06	16:40	25 hr	water	E	07/12/06	Pimephales promelas	Survival (%)	100	95	95	NSG	
South Slough at Quinley Road	08/09/06	8:10	30 hr	water	E	08/10/06	Pimephales promelas	Survival (%)	100	100	100	NSG	
South Slough at Quinley Road	07/11/06	16:40	22 hr	water	E	07/12/06	Selenastrum capricornutum	Total Cell Count	708575	1533125	216	NSG	
South Slough at Quinley Road	08/09/06	8:10	30 hr	water	E	08/10/06	Selenastrum capricornutum	Total Cell Count	369750	1868250	505	NSG	
South Slough at Quinley Road	08/09/06	8:10	255 hr	sediment	E	08/20/06	Hyalella azteca	Survival (%)	98.75	96.25	97	NSG	

Table 8. Load calculations for analytes that have exceeded water quality objectives including inorganics (total dissolved solids and nutrients), metals, and organics. Data is sorted by group of analytes, site name, analyte, and date sampled.

Site Name	Date Sampled	Sample Type	Analyte	Result	Data Qualifier	Unit	Discharge (cfs)	Instantaneous Loading Rates (µg/s)
Inorganics								
Hilmar Drain @ Central Ave	07/13/06	E	TDS	610		mg/L	0.73	12609560.10
Hilmar Drain @ Central Ave	09/14/06	E	TDS	510		mg/L	14.18	204782880.60
Prairie Flower Drain @ Crows Landing Road	08/10/06	E	Nitrite as N	1.1		mg/L	2.43	75691.34
Prairie Flower Drain @ Crows Landing Road	05/18/06	E	TDS	1700		mg/L	NA	NA
Prairie Flower Drain @ Crows Landing Road	06/15/06	E	TDS	1700		mg/L	0.53	25513617.00
Prairie Flower Drain @ Crows Landing Road	07/13/06	E	TDS	720		mg/L	0	0.00
Prairie Flower Drain @ Crows Landing Road	08/10/06	E	TDS	1800		mg/L	2.43	123858558.00
Prairie Flower Drain @ Crows Landing Road	09/14/06	E	TDS	760		mg/L	2.31	49713325.20
Metals								
Ash Slough @ Ave 21	05/16/06	E	Copper	4.8		µg/L	NA	NA
Ash Slough @ Ave 21	05/16/06	E	Lead	0.68		µg/L	NA	NA
Ash Slough @ Ave 21	06/13/06	E	Copper	17		µg/L	66.65	32084.58
Ash Slough @ Ave 21	06/13/06	E	Lead	1.6		µg/L	66.65	3019.72
Ash Slough @ Ave 21	07/11/06	E	Copper	6.7		µg/L	9.51	1804.27
Ash Slough @ Ave 21	08/08/06	E	Copper	6.3		µg/L	5.28	941.94
Ash Slough @ Ave 21	09/12/06	E	Copper	9.3		µg/L	9.07	2388.57
Ash Slough @ Ave 21	09/12/06	E	Selenium	5		µg/L	9.07	1284.18
Cottonwood Creek @ Road 20	06/13/06	E	Copper	8		µg/L	2.66	602.59
Cottonwood Creek @ Road 20	06/13/06	E	Lead	0.73		µg/L	2.66	54.99
Cottonwood Creek @ Road 20	05/16/06	E	Copper	4.4		µg/L	2.33	290.31
Cottonwood Creek @ Road 20	09/12/06	E	Copper	5.5		µg/L	38.2	5949.40
Dry Creek at Road 18	05/16/06	E	Copper	4.3		µg/L	5.35	651.43
Dry Creek at Road 18	05/16/06	E	Lead	0.36		µg/L	5.35	54.54
Dry Creek at Road 18	06/13/06	FD	Copper	5.5		µg/L	4.02	626.09
Dry Creek at Road 18	06/13/06	E	Copper	6.3		µg/L	4.02	717.16
Dry Creek at Road 18	06/13/06	E	Lead	0.27		µg/L	4.02	30.74
Dry Creek at Road 18	07/11/06	E	Copper	4.1		µg/L	11.77	1366.49

Site Name	Date Sampled	Sample Type	Analyte	Result	Data Qualifier	Unit	Discharge (cfs)	Instantaneous Loading Rates (µg/s)
Dry Creek at Road 18	08/08/06	E	Copper	4.6		µg/L	18.85	2455.37
Dry Creek at Road 18	09/12/06	E	Copper	6.1		µg/L	14.97	2585.82
Dry Creek at Road 18	09/12/06	E	Lead	0.31		µg/L	14.97	131.41
Dry Creek at Road 18	09/12/06	E	Zinc	18		µg/L	14.97	7630.30
Duck Slough @ Gurr Rd	06/14/06	E	Copper	120		µg/L	1.61	5470.84
Duck Slough @ Gurr Rd	07/12/06	E	Copper	14		µg/L	10.93	4333.07
Duck Slough @ Gurr Rd	07/12/06	E	Lead	2.7		µg/L	10.93	835.66
Duck Slough @ Hwy 99	05/17/06	E	Lead	5.2		µg/L	2.29	337.20
Duck Slough @ Hwy 99	08/08/06	E	Copper	3.4		µg/L	6.62	637.36
Duck Slough @ Hwy 99	08/08/06	E	Lead	2.3		µg/L	6.62	431.15
Duck Slough @ Hwy 99	09/13/06	E	Copper	19		µg/L	0.96	516.50
Duck Slough @ Hwy 99	09/13/06	E	Lead	24		µg/L	0.96	652.42
Highline Canal @ Hwy 99	05/17/06	E	Lead	0.42		µg/L	82.45	980.59
Highline Canal @ Hwy 99	08/09/06	E	Lead	0.39		µg/L	162.04	1789.51
Highline Canal @ Lombardy Rd	05/17/06	E	Lead	0.49		µg/L	149.8	2078.52
Highline Canal @ Lombardy Rd	06/14/06	E	Lead	0.55		µg/L	204.66	3187.45
Highline Canal @ Lombardy Rd	08/09/06	E	Lead	0.34		µg/L	162.04	1560.09
Highline Canal @ Lombardy Rd	09/13/06	E	Lead	0.29		µg/L	72.64	596.51
Highline Canal @ Lombardy Rd	09/13/06	E	Zinc	23		µg/L	72.64	47309.78
Hilmar Drain @ Central Ave	07/13/06	E	Copper	31		µg/L	0.73	640.81
Jones Drain @ Oakdale Road	05/17/06	E	Copper	12		µg/L	NA	NA
Jones Drain @ Oakdale Road	05/17/06	E	Lead	2		µg/L	NA	NA
Jones Drain @ Oakdale Road	06/14/06	E	Copper	2.7		µg/L	NA	NA
Jones Drain @ Oakdale Road	07/13/06	E	Copper	11		µg/L	NA	NA
Jones Drain @ Oakdale Road	08/10/06	FD	Copper	5.8		µg/L	0	0.00
Jones Drain @ Oakdale Road	09/13/06	E	Copper	9.1		µg/L	0.4	103.07
Jones Drain @ Oakdale Road	09/13/06	E	Lead	1.8		µg/L	0.4	20.39
Organics								
Bear Creek @ Kibby Rd	05/17/06	E	Chlorpyrifos	0.52		µg/L	NA	NA
Berenda Slough along Avenue 18 1/2	07/11/06	E	Chlorpyrifos	0.043		µg/L	0	0.00
Berenda Slough along Avenue 18 1/2	09/12/06	E	Chlorpyrifos	0.14		µg/L	18.54	73.50

Site Name	Date Sampled	Sample Type	Analyte	Result	Data Qualifier	Unit	Discharge (cfs)	Instantaneous Loading Rates (µg/s)
Black Rascal Creek @ Yosemite Road	05/18/06	E	Chlorpyrifos	0.033		µg/L	NA	NA
Deadman Creak @ Highway 59	08/08/06	E	Bifenthrin	0.011	DNQ	µg/L	7.57	2.36
Deadman Creak @ Highway 59	09/12/06	E	Chlorpyrifos	0.059		µg/L	3.06	5.11
Deadman Creak @ Highway 59	06/13/06	E	DDD(p,p')	0.0053	DNQ	µg/L	NA	NA
Deadman Creak @ Highway 59	06/13/06	E	DDT(p,p')	0.05		µg/L	NA	NA
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	E	Chlorpyrifos	0.027		µg/L	34.18	26.13
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	E	Malathion	0.19		µg/L	8.45	45.46
Dry Creek @ Wellsford Road	07/13/06	E	Chlorpyrifos	0.026		µg/L	123.91	91.23
Dry Creek @ Wellsford Road	08/10/06	E	Chlorpyrifos	0.024		µg/L	NA	NA
Dry Creek @ Wellsford Road	09/14/06	E	Thiobencarb	0.1	DNQ	µg/L	NA	NA
Dry Creek at Road 18	07/11/06	E	Chlorpyrifos	0.077		µg/L	11.77	25.66
Duck Slough @ Gurr Rd	06/14/06	E	Bifenthrin	0.025		µg/L	1.61	1.14
Duck Slough @ Gurr Rd	07/12/06	E	Bifenthrin	0.0088	DNQ	µg/L	10.93	2.72
Duck Slough @ Gurr Rd	06/14/06	E	Cyhalothrin, lambda, total	0.011	DNQ	µg/L	1.61	0.50
Duck Slough @ Gurr Rd	06/14/06	E	Thiobencarb	5.8		µg/L	1.61	264.42
Duck Slough @ Gurr Rd	07/12/06	E	Thiobencarb	0.29	DNQ	µg/L	10.93	89.76
Duck Slough @ Hwy 99	05/17/06	E	Chlorpyrifos	0.27		µg/L	NA	NA
Hilmar Drain @ Central Ave	07/13/06	E	Chlorpyrifos	0.016	DNQ	µg/L	0.73	0.33
Hilmar Drain @ Central Ave	08/10/06	E	DDD(p,p')	0.003	DNQ	µg/L	25.87	2.20
Jones Drain @ Oakdale Road	08/10/06	FD	Chlorpyrifos	0.021		µg/L	0	0.00
Jones Drain @ Oakdale Road	08/10/06	E	Chlorpyrifos	0.017	DNQ	µg/L	0	0.00
Jones Drain @ Oakdale Road	09/13/06	E	Chlorpyrifos	0.018	DNQ	µg/L	0.4	0.20
Jones Drain @ Oakdale Road	09/13/06	E	DDT(p,p')	0.013		µg/L	0.4	0.15
Mustang Creek @ East Ave	08/10/06	E	Chlorpyrifos	0.015	DNQ	µg/L	0	0.00
Prairie Flower Drain @ Crows Landing Road	08/10/06	E	Bifenthrin	0.037		µg/L	2.43	2.55
Silva Drain @ Meadow Drive	07/13/06	E	Chlorpyrifos	0.015	DNQ	µg/L	0	0.00
Silva Drain @ Meadow Drive	08/09/06	E	Chlorpyrifos	0.14		µg/L	0	0.00

Table 9. Water Quality Objectives used to evaluate sample results for exceedances.

Constituent	Limit	Water Quality Objective	Reference
Parameters			
pH	6.5 - 8.5 units	pH	Sacramento/San Joaquin Rivers Basin Plan
Electrical Conductivity	700 umhos/cm	Chemical Constituent	Water Quality for Agriculture (Ayers & Westcot)
Dissolved Oxygen (minimum)	7	Dissolved Oxygen	
Color	15 units	Chemical Constituent	California Secondary MCL
Turbidity	variable increase	Turbidity	Basin Plans - increase varies based on natural turbidity
Total Dissolved Solids	500 mg/L	Chemical Constituent	California Primary MCL
Total Organic Carbon	---		
Pesticides - Carbamates			
Aldicarb	7 ug/L	Toxicity	California State Notification Level - DHS
Carbaryl	2.53 ug/L	Toxicity	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average (California Department of Fish and Game)
Carbofuran	0 ug/L	Pesticide Prohibition	Sacramento/San Joaquin Basin Plan - Performance Goal
Methiocarb	0.5 ug/L	Sacramento/San Joaquin Basin Plan Implementation	PAN Pesticides Database - Chemical Toxicity Studies on Aquatic Organisms - Toxicity Studies for Methiocarb on All Organism Groups - Toxicology studies from the primary scientific literature on aquatic organisms. The mean 96 hour LC50 toxic dose for Ptero
Methomyl	0.52 ug/L	Toxicity	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average (California Department of Fish and Game)
Pesticides - Organochlorines			
DDD(p,p')	0.00083 ug/L	California Toxics Rule	Human Health Protection, 30-Day Average - Sources of Drinking Water (water & fish consumption)
DDE(p,p')	0.00059 ug/L	California Toxics Rule	Human Health Protection, 30-Day Average - Sources of Drinking Water (water & fish consumption)
DDT(p,p')	0.00059 ug/L	California Toxics Rule	Human Health Protection, 30-Day Average - Sources of Drinking Water (water & fish consumption)
Dicofol	5.3 ug/L	Sacramento/San Joaquin Basin Plan Implementation	PAN Pesticides Database - Toxicity Study for Dicofol on All Organism Groups - Toxicology studies from the primary scientific literature on aquatic organisms. The mean 96 hour LC50 toxic dose for Oncorhynchus slarki (Cutthroat trout) is 53 ug/L.
Dieldrin	0.00014 ug/L	California Toxics Rule	Human Health Protection, 30-Day Average - Sources of Drinking Water (water & fish consumption)
Endrin	0.036 ug/L	California Toxics Rule	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average
Methoxychlor	0.03 ug/L	Toxicity	National Ambient Water Quality Criteria - Freshwater Aquatic Life Protection - instantaneous maximum
Pesticides - Organophosphates			

Constituent	Limit	Water Quality Objective	Reference
Azinphos methyl	0.01 ug/L	Toxicity	National Ambient Water Quality Criteria - Freshwater Aquatic Life Protection (Instantaneous)
Chlorpyrifos	0.015 ug/L	Chronic Criterion	Central Valley Regional Water Quality Control Board; Beaulaurier, et al, 2005 - Draft Basin Plan Amendment Staff Report for Diazinon and Chlorpyrifos in the Lower San Joaquin River.
Diazinon	0.1 ug/L	Chronic Criterion	Central Valley Regional Water Quality Control Board; Beaulaurier, et al, 2005 - Draft Basin Plan Amendment Staff Report for Diazinon and Chlorpyrifos in the Lower San Joaquin River.
Dimethoate	1.0 ug/L	Toxicity	California State Action Level - DHS
Disulfoton	0.05 ug/L	Toxicity	National Ambient Water Quality Criteria - Freshwater Aquatic Life Protection - instantaneous maximum
Malathion	0 ug/L	Pesticide Prohibition	Sacramento/San Joaquin Basin Plan - Performance Goal
Methamidophos	0.00002 ug/L	Sacramento/San Joaquin Basin Plan Implementation	PAN Pesticides Database - Toxicity Study for Methamidophos on All Organism Groups - Toxicology studies from the primary scientific literature on aquatic organisms. The mean 96 hour LC50 toxic dose for Macrobrachium rosenbergii (Giant river prawn) is 0.0002 ug/L.
Methidathion	0.07 ug/L	Sacramento/San Joaquin Basin Plan Implementation	PAN Pesticides Database - Toxicity Study for Methidathion on All Organism Groups - Toxicology studies from the primary scientific literature on aquatic organisms. The mean 96 hour LC50 toxic dose for Americamysis bahia (Opossum shrimp) is 0.7 ug/L.
Parathion, Methyl	0 ug/L	Pesticide Prohibition	Sacramento/San Joaquin Basin Plan - Performance Goal
Phorate	0.03 ug/L	Sacramento/San Joaquin Basin Plan Implementation	PAN Pesticides Database - Toxicity Study for Phorate on All Organism Groups - Toxicology studies from the primary scientific literature on aquatic organisms. The mean 96 hour LC50 toxic dose for Americamysis bahia (Opossum shrimp) is 0.3 ug/L.
Phosmet	0.2 ug/L	Sacramento/San Joaquin Basin Plan Implementation	PAN Pesticides Database - Chemical Toxicity Studies on Aquatic Organisms - Toxicity Studies for Phosmet on All Organism Groups - Toxicology studies from the primary scientific literature on aquatic organisms. The mean 96 hour LC50 toxic dose for Gammarus fasciatus (Scud) is 2.0 ug/L.
Pesticides - Pyrethroids			
Bifenthrin	0.0004 ug/L	Sacramento/San Joaquin Basin Plan Implementation	Sacramento River Watershed Program, Annual Monitoring Report, 2002-2003, July 2004, Table 22 Toxicity Threshold Values for Pyrethroid Pesticides lists Bifenthrin LC50 (96 hour) for crustacea as 0.004 ug/L.
Cyfluthrin, total	0.00024 ug/L	Sacramento/San Joaquin Basin Plan Implementation	Sacramento River Watershed Program, Annual Monitoring Report, 2002-2003, July 2004, Table 22 Toxicity Threshold Values for Pyrethroid Pesticides lists cyfluthrin LC50 (96 hour) for crustacea as 0.0024 ug/L.

Constituent	Limit	Water Quality Objective	Reference
Cypermethrin, total	0.00047 ug/L	Basin Plan Implementation	Sacramento River Watershed Program, Annual Monitoring Report, 2002-2003, July 2004, Table 22 Toxicity Threshold Values for Pyrethroid Pesticides lists cypermethrin LC50 (96 hour) for crustacea as 0.0047 ug/L.
Esfenvalerate/Fenvalerate, total	0.007 ug/L	Sacramento/San Joaquin Basin Plan Implementation	PAN Pesticides Database - Chemical Toxicity Studies on Aquatic Organisms - Toxicity Studies for Esfenvalerate on All Organism Groups - Toxicology studies from the primary scientific literature on aquatic organisms. The mean 96 hour LC50 toxic dose for On
Cyhalothrin, lambda, total	0.00041 ug/L	Sacramento/San Joaquin Basin Plan Implementation	Sacramento River Watershed Program, Annual Monitoring Report, 2002-2003, July 2004, Table 22 Toxicity Threshold Values for Pyrethroid Pesticides lists lambda-cyhalothrin LC50 (96 hour) for crustacea as 0.0041 ug/L.
Permethrin, total	0.0019 ug/L	Sacramento/San Joaquin Basin Plan Implementation	Sacramento River Watershed Program, Annual Monitoring Report, 2002-2003, July 2004, Table 22 Toxicity Threshold Values for Pyrethroid Pesticides lists permethrin LC50 (96 hour) for crustacea as 0.019 ug/L.
Pesticides - Herbicides			
Atrazine	1.0 ug/L	Chemical Constituent	California Primary MCL
Cyanazine	1.0 ug/L	Toxicity	USEPA Health Advisory
Diuron	14 ug/L	Toxicity	USEPA IRIS Reference Dose as a drinking water level*
Glyphosate	700 ug/L	Chemical Constituent	California Primary MCL
Linuron	1.4 ug/L	Toxicity	USEPA IRIS Reference Dose as a drinking water level*
Molinate	0 ug/L	Pesticide Prohibition	Sacramento/San Joaquin Basin Plan - Performance Goal
Paraquat dichloride	3.2 ug/L	Toxicity	USEPA IRIS Reference Dose as a drinking water level*
Simazine	4.0 ug/L	Chemical Constituent	California Primary MCL
Thiobencarb	0 ug/L	Pesticide Prohibition	Sacramento/San Joaquin Basin Plan - Performance Goal
Metals			
Arsenic	10 ug/L	Sacramento/San Joaquin Basin Plan - Water Quality Objectives	Table III-1, Trace Element Water Quality Objective. Applicable Water Bodies - Sacramento River from Keswick Dam to the I Street Bridge at City of Sacramento (13,30); American River from Folsom Dam to the Sacramento River (51); Folsom Lake (50); and the S
Boron	700 ug/L	Chemical Constituent	Water Quality for Agriculture (Ayers & Westcot)
Cadmium	Variable, based on hardness	California Toxics Rule	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average - Varies with water hardness
Copper	Variable, based on hardness	California Toxics Rule	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average - Varies with water hardness
Lead	Variable, based on hardness	California Toxics Rule	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average - varies with water hardness

Constituent	Limit	Water Quality Objective	Reference
Nickel	Variable, based on hardness	California Toxics Rule	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average - varies with water hardness
Selenium	5 ug/L (4-day average)	Sacramento/San Joaquin Basin Plan - Water Quality Objectives	Table III-1: Trace Element Water Quality Objective. Applicable Water Bodies - San Joaquin River, mouth of the Merced River to Vernalis
Zinc	Variable, based on hardness	California Toxics Rule	Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average - varies with water hardness
Nutrients			
Nitrate as NO3	45,000 ug/L as NO3	Chemical Constituent	California Primary MCL
Nitrite as Nitrogen	1,000 ug/L as N	Chemical Constituent	California Primary MCL

SAMPLING AND ANALYTICAL METHODS USED

Sampling, field parameters and instruments used to collect measurements and analytical methods are provided below in Tables 10-12. All sample collection methods were performed and requirements followed as outlined in the Quality Assurance Project Plan (QAPP) (Table 10). Field parameters were collected using instruments described in Table 11 and calibrated according to manual instructions. All analytical methods were performed as described in the QAPP. That table has been reproduced as Table 12.

Table 10. Sampling procedures, containers, sample volumes, preservation and storage techniques, and holding times for samples collected in the field during the 2006 irrigation season sampling.

Parameter	Sample Container	Sample Volume ⁽¹⁾	Immediate Processing and Storage	Holding Time ⁽²⁾
Physical Parameters ⁽³⁾				
Color	Glass or polyethylene	500 mL	Store at 4°C	48 hours
Turbidity	Glass or polyethylene	150 mL	Store at 4°C	48 hours
Total Dissolved Solids	Polyethylene	500 mL	Store at 4°C	7 days
Drinking Water				
<i>E. coli</i> (pathogens)	Polyethylene (sterile)	100 mL	Store at 4°C	24 hours ⁽⁴⁾
Total Organic Carbon	Amber Glass VOA, PTFE-lined cap	125 mL	Preserve w/HCL; Store at 4°C	28 days
Toxicity				
Aquatic bioassays	Amber glass	5 gallons	Store at 4°C	36 hours
Sediment bioassays	Glass	2 liter	Store at 4°C	14 days
Pesticides				
Carbamates	Amber Glass	1 liter	Store at 4°C; Extract within 7 days	40 days
Organochlorines	Amber Glass	1 liter		
Organophosphates	Amber Glass	1 liter		
Pyrethroids	Amber Glass	1 liter		
Herbicides (general)	Amber Glass	1 liter		
Herbicides (paraquat)	Polyethylene	1 liter	Store at 4°C, freeze within 2 weeks	6 months
Herbicides (glyphosate)	Amber Glass VOA	40 ml (x2)		
Nutrients				
TKN, Ammonia, and Total Phosphorus	Polyethylene	500 mL	Preserve to ≤ pH 2 with H ₂ SO ₄ ; Store at 4°C	28 days
Nitrate as NO ₃ , Nitrite as N, and Soluble Ortho-Phosphate	Polyethylene	1000 mL	Store at 4°C	48 hours
Metals/Trace Elements				
Trace elements ⁽⁵⁾	Polyethylene	500 mL	Filter as necessary; Preserve to ≤ pH 2 with HNO ₃	40 days

1. Additional volumes may be required for QC analyses; NA = Not Applicable
2. Holding time after initial preservation or extraction.
3. Volume of water necessary to analyze the physical parameters is typically combined in multiple 1L polyethylene bottles, which provides sufficient volume for re-analyses and lab spike duplicates. This is only possible when the same laboratory provides the analyses for all of the physical parameters.
4. Samples for bacteria analyses should be set up as soon as possible.
5. To include arsenic, boron, cadmium, copper, lead, nickel, selenium, and zinc.

Table 11. Field parameters and instruments used to collect measurements.

Parameter	Instrument
Dissolved oxygen	YSI Model 556 Multiprobe Meter
Temperature	YSI Model 556 Multiprobe Meter
pH	YSI Model 556 Multiprobe Meter
Electrical Conductivity	YSI Model 556 Multiprobe Meter
Discharge	Global Water Flow Meter
Discharge	Swoffer Flow Meter Model 2100

Table 12. Analytical methods, units, and reporting limits (RL).

Analyte	Method	RL	Units
Physical Parameters			
Color	EPA 100.2	5.0	color units
Turbidity	EPA 180.1	1.0	NTU
Dissolved Solids, Total	EPA 160.1	10	mg/L
Drinking Water Parameters			
Escherischia coli (<i>E. coli</i>)	SM 9223	2	MPN/100 mL
Total Organic Carbon	EPA 415.1	0.5	mg/L
Nutrients			
Total Kjeldahl Nitrogen	EPA 351.3	0.5	mg/L
Nitrate as NO ₃	EPA 300.0	0.05	mg/L
Nitrite as Nitrogen	EPA 354.1	0.05	mg/L
Ammonia	EPA 350.2	0.10	mg/L
Hardness	EPA 130.2	10	mg/L
Total Phosphorus	EPA 365.2	0.01	mg/L
Soluble Orthophosphate	EPA 365.2	0.01	mg/L
Metals			
Arsenic	EPA 200.8	1	µg/L
Boron	EPA 200.8	10	µg/L
Cadmium	EPA 200.8	0.1	µg/L
Copper	EPA 200.8	0.5	µg/L
Lead	EPA 200.8	0.5	µg/L
Nickel	EPA 200.8	1	µg/L
Selenium	EPA 200.8	1	µg/L
Zinc	EPA 200.8	1	µg/L
Carbamate Pesticides			
Aldicarb	EPA 8321	0.5	µg/L
Carbaryl	EPA 8321	0.5	µg/L
Carbofuran	EPA 8321	0.5	µg/L
Methiocarb	EPA 8321	0.5	µg/L
Methomyl	EPA 8321	0.5	µg/L
Oxnamyl	EPA 8321	0.5	µg/L
Organochlorine Pesticides			
DDD	EPA 8081A	0.02	µg/L
DDE	EPA 8081A	0.01	µg/L
DDt	EPA 8081A	0.01	µg/L
Dicofol	EPA 8081A	0.1	µg/L
Dieldrin	EPA 8081A	0.01	µg/L
Endrin	EPA 8081A	0.01	µg/L

Analyte	Method	RL	Units
Methoxychlor	EPA 8081A	0.05	µg/L
Organophosphorus Pesticides			
Azinphos-methyl	EPA 8141A	0.1	µg/L
Chlorpyrifos	EPA 8141A	0.02	µg/L
Diazinon	EPA 8141A	0.02	µg/L
Dimethoate	EPA 8141A	0.1	µg/L
Disulfoton	EPA 8141A	0.1	µg/L
Malathion	EPA 8141A	0.1	µg/L
Methamidophos	EPA 8141A	0.2	µg/L
Methidathion	EPA 8141A	0.1	µg/L
Parathion-methyl	EPA 8141A	0.1	µg/L
Phorate	EPA 8141A	0.2	µg/L
Phosmet	EPA 8141A	0.2	µg/L
Pyrethroid Pesticides			
Biphenrin	EPA 8081A	0.05	µg/L
Cyfluthrin	EPA 8081A	0.05	µg/L
Cypermethrin	EPA 8081A	0.05	µg/L
Esfenvalerate	EPA 8081A	0.05	µg/L
Lambda-Cyhalothrin	EPA 8081A	0.05	µg/L
Permethrin	EPA 8081A	0.05	µg/L
Herbicides			
Atrazine	EPA 619	0.5	µg/L
Cyanazine	EPA 619	0.5	µg/L
Diuron	EPA 8321	0.5	µg/L
Glyphosate	EPA 547	5	µg/L
Linuron	EPA 8321	0.5	µg/L
Molinate	EPA 8141A	0.5	µg/L
Paraquat dichloride	EPA 549.1	0.5	µg/L
Simazine	EPA 619	0.5	µg/L
Thiobencarb	EPA 8141A	0.5	µg/L

COPY OF CHAIN OF CUSTODY FORMS

Chain of custody forms are provided in Appendix 1 as copies from pdfs provided by the laboratories in their lab reports. After receiving the COC's from the field crews, each lab scanned the forms and created pdf files for inclusion in their laboratory reports. As such, they are complete and accurate records of sample handling and processing and reflect the timing of sample collection and delivery to the laboratories. Sample collection and delivery was performed according to the QAPP submitted to the Regional Board and no samples were flagged for collection or delivery problems.

LABORATORY AND FIELD QC RESULTS

Field quality control (QC) samples, including field duplicates and field blanks, were collected every sample event during the irrigation 2006 sampling season for each analyte. Tables 13-16 list all field QC results for organics, inorganics and toxicity testing.

Laboratory quality assurance (LABQA) and quality control (QC) samples are run for each batch of samples run by a specific method. A batch is determined by the preservation, extraction or analysis date depending on the analysis. For each batch, accuracy and precision are assessed by its associated LABQA (see ESJWQC QAPP Table B-6b-g and Table B-7 for a list of quality control requirements). For laboratory control samples, the sample date is equal to the extraction date; some LABQA samples may appear to be duplicates due to multiple batches run on the same date.

If a result is outside of its quality control requirements it is flagged and the associated samples are evaluated accordingly. For organics, if a surrogate is outside of its percent recovery (PR) range all samples within that batch are flagged. All data are recorded in a SWAMP database replicate with a unique batch, batch code, and batch comments. Matrix spike (MS), laboratory control spike (LCS) and lab blank results are presented in Tables 17-19 for organics and inorganics (including *E. coli*, physical parameters, nutrients and metals).

Table 13. ESJWQC sample results including field blanks (FB) and field duplicates (FD) for organic analysis. Expected values for field duplicates are the associated environmental sample result. Samples are sorted by station name, analyte, and sample date.

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Tributylphosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Tributylphosphate (Surrogate)	112	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	63.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	63.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	63.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	63.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.9	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.9	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.9	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	66.9	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	113	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	97.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	97.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	78	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	78	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	84	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	84	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5	<0.067	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5	<0.086	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 619	Tributylphosphate (Surrogate)	93	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	93.2	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02	<0.006	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02	<0.001	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.3	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1	<0.01	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01	<0.005	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02	<0.002	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01	<0.008	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02	<0.009	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	61.5	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	61.5	%		NA	NA	100		None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1	<0.0215	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02	<0.00259	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02	<0.00353	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2	<0.1	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1	<0.038	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5	<0.13	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1	<0.0755	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1	<0.0722	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2	<0.0566	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5	<0.06	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	81.3	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	84.7	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	72.3	%		NA	NA	100		None - No QA Qualifier		
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	82.4	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 619	Tributylphosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 619	Triphenyl phosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	47.5	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	53.9	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.6	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	88.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	115	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	89.2	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Tributylphosphate (Surrogate)	149	%		NA	NA	100		Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 8321A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5	<0.067	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5	<0.086	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 619	Tributylphosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 619	Triphenyl phosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02	<0.006	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02	<0.001	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	82	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	73.3	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1	<0.01	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01	<0.005	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02	<0.002	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01	<0.008	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02	<0.009	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	76.8	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.2	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1	<0.0215	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02	<0.00259	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02	<0.00353	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2	<0.1	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1	<0.038	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5	<0.13	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1	<0.0755	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1	<0.0722	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2	<0.0566	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5	<0.06	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	92.8	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	125	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	96.6	%		NA	NA	100		None - No QA Qualifier		
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Tributylphosphate (Surrogate)	96.7	%		NA	NA	100		None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 8321A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 619	Tributylphosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 619	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	87	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	101	%		NA	NA	100		Surrogate recovery is outside of control limits	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	103	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	139	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	73.7	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	78.5	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Tributylphosphate (Surrogate)	75.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 8321A	Triphenyl phosphate (Surrogate)	79.6	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5	<0.067	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 619	Cyanazine	0.12	µg/L	DNQ	0.086	0.5	<0.087	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 619	Tributylphosphate (Surrogate)	88.2	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 619	Triphenyl phosphate (Surrogate)	91.8	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02	<0.006	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02	<0.001	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	79	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	83.8	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1	<0.01	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01	<0.005	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02	<0.002	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01	<0.008	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02	<0.009	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.5	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.3	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1	<0.0215	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02	<0.00259	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02	<0.00353	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2	<0.1	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1	<0.038	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5	<0.13	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1	<0.0755	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1	<0.0722	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2	<0.0566	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5	<0.06	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	73.9	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	72.7	%		NA	NA	100		None - No QA Qualifier		

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Tributylphosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier		
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 8321A	Triphenyl phosphate (Surrogate)	77.2	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 619	Cyanazine	0.096	µg/L	DNQ	0.086	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 619	Tributylphosphate (Surrogate)	109	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 619	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			A holding time violation has occurred.	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	58.7	%		NA	NA	100		A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	71.7	%		NA	NA	100		A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			A holding time violation has occurred.	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54.2	%		NA	NA	100		A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	72.5	%		NA	NA	100		A holding time violation has occurred.	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	90.3	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	87.2	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Tributylphosphate (Surrogate)	74.3	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 8321A	Triphenyl phosphate (Surrogate)	98.9	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5	<0.067	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 619	Cyanazine	0.26	µg/L	DNQ	0.086	0.5	<0.086	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 619	Tributylphosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 619	Triphenyl phosphate (Surrogate)	123	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02	<0.006	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02	<0.001	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	70.7	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.8	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1	<0.01	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01	<0.005	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02	<0.002	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01	<0.008	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02	<0.009	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.2	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.9	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1	<0.0215	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Chlorpyrifos	0.013	µg/L	DNQ	0.0026	0.02	<0.0026	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02	<0.00353	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2	<0.1	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1	<0.038	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5	<0.13	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1	<0.0755	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1	<0.0722	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2	<0.0566	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5	<0.06	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	99.8	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	97	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	120	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Tributylphosphate (Surrogate)	100	%		NA	NA	100		None - No QA Qualifier		
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 8321A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 619	Tributylphosphate (Surrogate)	122	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 619	Triphenyl phosphate (Surrogate)	129	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	61.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	61.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	93.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	93.4	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	88.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	119	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	84.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4			None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Tributylphosphate (Surrogate)	86	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 8321A	Triphenyl phosphate (Surrogate)	89.8	%		NA	NA	100		None - No QA Qualifier	<RL or < (sample ÷ 5)	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5	<0.067	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5	<0.086	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 619	Tributylphosphate (Surrogate)	137	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 619	Triphenyl phosphate (Surrogate)	142	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02	<0.006	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02	<0.001	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01	<0.004	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	94.5	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.5	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1	<0.01	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01	<0.005	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01	<0.007	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02	<0.002	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01	<0.008	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02	<0.009	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	97.8	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	97.7	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1	<0.0215	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Chlorpyrifos	0.021	µg/L		0.0026	0.02	0.017	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02	<0.00353	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1	<0.08	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2	<0.1	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1	<0.038	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5	<0.13	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1	<0.0755	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1	<0.0722	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2	<0.0566	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5	<0.06	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	91.3	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	117	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	89.3	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07	<0.05	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4	<0.2	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Tributylphosphate (Surrogate)	79.4	%		NA	NA	100		None - No QA Qualifier		
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 8321A	Triphenyl phosphate (Surrogate)	81.2	%		NA	NA	100		None - No QA Qualifier		

Table 14. ESJWQC sample results including field blanks (FB) and field duplicated (FD) for organic analysis performed by Northcoast laboratories. Samples were collected during the irrigation season of 2006 and are sorted by sample type, station name, analyte and sample date. Table includes analysis for glyphosate and paraquat only.

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	<1.4		None - No QA Qualifier	<MDL	
Cottonwood Creek @ Road 20	FB	05/16/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14		None - No QA Qualifier	<MDL	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4		None - No QA Qualifier	<MDL	
Dry Creek at Road 18	FB	06/13/06	9:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14		None - No QA Qualifier	<MDL	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4		None - No QA Qualifier	<MDL	
Duck Slough @ Gurr Rd	FB	09/13/06	9:10	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	<0.25		Reporting limits elevated due to matrix interferences	<MDL	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4		None - No QA Qualifier	<MDL	
Highline Canal @ Lombardy Rd	FB	07/12/06	14:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14		None - No QA Qualifier	<MDL	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4		None - No QA Qualifier	<MDL	
Jones Drain @ Oakdale Road	FB	08/10/06	8:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14		None - No QA Qualifier	<MDL	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5	<1.4	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	05/16/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Station Name	Sample Type	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FD	06/13/06	9:20	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Duck Slough @ Gurr Rd	FD	09/13/06	9:10	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.8	<0.25	FD RPD NA	Reporting limits elevated due to matrix interferences	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Highline Canal @ Lombardy Rd	FD	07/12/06	14:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 547M	Glyphosate	<4	µg/L	ND	4	5	<4	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	
Jones Drain @ Oakdale Road	FD	08/10/06	8:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	<0.14	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	

Table 15. ESJWQC sample results including field blanks (FB) and field duplicates (FD) for inorganic, E. coli, and metal analysis. Samples were collected during the irrigation season of 2006 and are sorted by station name, analyte, and sample date. Expected value reflects the amount in the associated environmental sample for field duplicates.

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Arsenic	0.2	µg/L	DNQ	0.2	0.5	<0.5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Boron	2	µg/L		0.2	1	<1		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 110.2	Color	<3	color units	ND	3	3			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	2.00	05/16/06	9:30	EPA 110.2	Color	<3	color units	ND	3	3			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Copper	0.2	µg/L	DNQ	0.08	0.5	<0.5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	SM 9223	E. coli	56	MPN/100 mL		1	1	<1 or <170 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	AnalysisTime=07:50 DF=1; greater than 1/5 environmental sample
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Lead	<0.07	µg/L	ND	0.07	0.25			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Nickel	<0.2	µg/L	ND	0.2	0.5			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	2.00	05/16/06	9:30	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	2.00	05/16/06	9:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	2.00	05/16/06	9:30	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01	<0.01		None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 365.2	Phosphate as P	0.01	mg/L		0.01	0.01	<0.1 or <0.1 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 160.1	Total Dissolved Solids	<5.6	mg/L	ND	5.6	10			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	2.00	05/16/06	9:30	EPA 160.1	Total Dissolved Solids	<5.6	mg/L	ND	5.6	10			None - No QA Qualifier	<MDL	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 180.1	Turbidity	0.07	NTU		0.02	0.05	<0.05 or <11 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Cottonwood Creek @ Road 20	FB	1.00	2.00	05/16/06	9:30	EPA 180.1	Turbidity	0.03	NTU	DNQ	0.02	0.05	<0.05 or <11 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Cottonwood Creek @ Road 20	FB	1.00	1.00	05/16/06	9:30	EPA 200.8	Zinc	<0.8	µg/L	ND	0.8	1			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Boron	2	µg/L		0.2	1	<1 or <7 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 110.2	Color	<3	color units	ND	3	3			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1			None - No QA Qualifier	<MDL	AnalysisTime=17:57 DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 160.1	Total Dissolved Solids	9	mg/L	DNQ	4	10	<10		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 180.1	Turbidity	<0.02	NTU	ND	0.02	0.05			None - No QA Qualifier	<MDL	DF=1
Dry Creek at Road 18	FB	1.00	1.00	06/13/06	9:20	EPA 200.8	Zinc	5	µg/L		0.4	1	<1 or <6 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Boron	5	µg/L		0.2	1	<1 or <12 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 110.2	Color	<3	color units	ND	3	3			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Copper	0.4	µg/L	DNQ	0.3	0.5	<0.5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1			None - No QA Qualifier	<MDL	AnalysisTime=07:37 DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 365.2	Phosphate as P	0.026	mg/L		0.01	0.01	<0.01 or <0.12 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Selenium	2	µg/L		0.9	1	<1		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10			None - No QA Qualifier	<MDL	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 415.1	Total Organic Carbon	0.62	mg/L		0.3	0.5	<0.5 or <2.7 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 180.1	Turbidity	0.26	NTU		0.02	0.05	<0.05 or <26 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Duck Slough @ Gurr Rd	FB	1.00	1.00	09/13/06	9:10	EPA 200.8	Zinc	16	µg/L		0.4	1	<1 or <8 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Boron	4	µg/L		0.2	1	<1 or <6 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 110.2	Color	<3	color units	ND	3	3			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1			None - No QA Qualifier	<MDL	AnalysisTime=07:55 DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.077	mg/L	DNQ	0.07	0.1	<0.1		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 365.2	Phosphate as P	0.01	mg/L		0.01	0.01	<0.01 or <0.026 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 160.1	Total Dissolved Solids	15	mg/L		4	10	<10 or <36 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 180.1	Turbidity	<0.02	NTU	ND	0.02	0.05			None - No QA Qualifier	<MDL	DF=1
Highline Canal @ Lombardy Rd	FB	1.00	1.00	07/12/06	14:00	EPA 200.8	Zinc	1	µg/L		0.4	1	<1 or <4 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 110.2	Color	<3	color units	ND	3	3			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1			None - No QA Qualifier	<MDL	AnalysisTime=07:45 DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 300.0	Nitrate as N	0.052	mg/L		0.006	0.05	<0.05 or <0.14 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1; greater than 1/5 environmental sample
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 365.2	Phosphate as P	0.023	mg/L		0.01	0.01	<0.01 or <0.16 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10			None - No QA Qualifier	<MDL	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5			None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 180.1	Turbidity	0.52	NTU		0.02	0.05	<0.05 or <22 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Jones Drain @ Oakdale Road	FB	1.00	1.00	08/10/06	8:30	EPA 200.8	Zinc	2	µg/L		0.4	2	<2 or <10 ÷ 5		Analyte detected in method, trip, or equipment blank	<RL or < sample ÷ 5	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1	NA	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1; associated environmental sample not analyzed
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Arsenic	1	µg/L		0.3	0.5	1.2	FD RPD 18	None - No QA Qualifier	RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Boron	15	µg/L		0.2	1	32	FD RPD 72	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1	<0.04	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 110.2	Color	34	color units		6	6	36	FD RPD 5.7	None - No QA Qualifier	RPD ≤ 25	DF=2
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Copper	4.8	µg/L		0.3	0.5	4.4	FD RPD 8.7	None - No QA Qualifier	RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	SM 9223	E. coli	180	MPN/100 mL		1	1	170	FD RPD 5.7	None - No QA Qualifier	RPD ≤ 25	AnalysisTime=07:50 DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 130.2	Hardness as CaCO3	NA	mg/L		3	5	32	FD RPD NA	Insufficient sample to perform the analysis	RPD ≤ 25	
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Lead	0.46	µg/L		0.1	0.25	0.42	FD RPD 9.1	None - No QA Qualifier	RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Nickel	0.9	µg/L		0.4	0.5	0.8	FD RPD 12	None - No QA Qualifier	RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 300.0	Nitrate as N	0.21	mg/L		0.03	0.05	0.21	FD RPD 0	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.51	mg/L		0.07	0.1	NA	FD RPD NA	None - No QA Qualifier	RPD $\leq$ 25	DF=1; associated environmental sample not analyzed
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 365.2	OrthoPhosphate as P	0.056	mg/L		0.01	0.01	0.049	FD RPD 13	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 365.2	Phosphate as P	0.072	mg/L		0.01	0.01	0.1	FD RPD 33	Field duplicate RPD above QC limit	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1	<0.7	FD RPD NA	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 160.1	Total Dissolved Solids	75	mg/L		5.6	10	67	FD RPD 11	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 415.1	Total Organic Carbon	4.5	mg/L		0.3	0.5	4.6	FD RPD 2.2	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 180.1	Turbidity	11	NTU		0.02	0.05	11	FD RPD 0	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Cottonwood Creek @ Road 20	FD	1.00	1.00	05/16/06	9:30	EPA 200.8	Zinc	5	µg/L		0.4	1	4	FD RPD 22	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1	<0.07	FD RPD NA	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Arsenic	0.5	µg/L	DNQ	0.3	0.5	0.5	FD RPD 0	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Boron	8	µg/L		0.2	1	7	FD RPD 14	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD $\leq$ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 110.2	Color	22	color units		3	3	22	FD RPD 0	None - No QA Qualifier	RPD $\leq$ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Copper	5.5	µg/L		0.3	0.5	6.3	FD RPD 14	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	SM 9223	E. coli	120	MPN/100 mL		1	1	150	FD RPD 22	None - No QA Qualifier	RPD ≤ 25	AnalysisTime=17:57 DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 130.2	Hardness as CaCO3	18	mg/L		3	5	12	FD RPD 40	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Lead	0.22	µg/L	DNQ	0.1	0.25	0.27	FD RPD 20	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Nickel	0.4	µg/L	DNQ	0.4	0.5	0.5	FD RPD 22	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 300.0	Nitrate as N	0.017	mg/L	DNQ	0.006	0.05	0.009	FD RPD 62	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 351.3	Nitrogen, Total Kjeldahl	0.23	mg/L		0.07	0.1	0.35	FD RPD 41	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 365.2	OrthoPhosphate as P	0.025	mg/L		0.01	0.01	0.025	FD RPD 8.3	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 365.2	Phosphate as P	0.047	mg/L		0.01	0.01	0.044	FD RPD 6.6	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1	<0.9	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 160.1	Total Dissolved Solids	44	mg/L		4	10	42	FD RPD 4.7	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 415.1	Total Organic Carbon	2.8	mg/L		0.3	0.5	3.1	FD RPD 10	None - No QA Qualifier	RPD ≤ 25	DF=1
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 180.1	Turbidity	6.8	NTU		0.02	0.05	6.6	FD RPD 3.0	None - No QA Qualifier	RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	FD	1.00	1.00	06/13/06	9:20	EPA 200.8	Zinc	7	µg/L		0.4	1	6	FD RPD 15	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1	<0.04	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Arsenic	1.9	µg/L		0.3	0.5	1.7	FD RPD 11	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 405.1	BOD	<0.6	mg/L	ND	0.6	5	<0.6	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Boron	13	µg/L		0.2	1	12	FD RPD 8	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 110.2	Color	35	color units		3	15	44	FD RPD 23	None - No QA Qualifier	RPD ≤ 25	DF=5
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Copper	4	µg/L		0.3	0.5	4.1	FD RPD 2.5	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	SM 9223	E. coli	200	MPN/100 mL		1	1	190	FD RPD 5.1	None - No QA Qualifier	RPD ≤ 25	AnalysisTime=07:37 DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 130.2	Hardness as CaCO3	88	mg/L		3	5	84	FD RPD 4.7	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Lead	0.75	µg/L		0.1	0.25	0.84	FD RPD 11	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Nickel	4.5	µg/L		0.4	0.5	4.9	FD RPD 8.5	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 300.0	Nitrate as N	1.5	mg/L		0.006	0.05	1.4	FD RPD 6.9	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 354.1	Nitrite as N	0.016	mg/L	DNQ	0.003	0.03	0.016	FD RPD 0	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 351.3	Nitrogen, Total Kjeldahl	0.49	mg/L		0.07	0.1	0.55	FD RPD 12	None - No QA Qualifier	RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 365.2	OrthoPhosphate as P	0.037	mg/L		0.01	0.01	0.043	FD RPD 7.8	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 365.2	Phosphate as P	0.11	mg/L		0.01	0.01	0.12	FD RPD 8.7	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1	<0.9	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 160.1	Total Dissolved Solids	140	mg/L		4	10	190	FD RPD 30	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 415.1	Total Organic Carbon	2.7	mg/L		0.3	0.5	2.7	FD RPD 0	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 180.1	Turbidity	24	NTU		0.02	0.05	26	FD RPD 8	None - No QA Qualifier	RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	FD	1.00	1.00	09/13/06	9:10	EPA 200.8	Zinc	13	µg/L		0.4	1	20	FD RPD 48	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1	<0.04	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Arsenic	0.4	µg/L	DNQ	0.3	0.5	<0.3	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Boron	7	µg/L		0.2	1	6	FD RPD 15	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 110.2	Color	17	color units		3	3	17	FD RPD 0	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Copper	1.2	µg/L		0.3	0.5	1.1	FD RPD 8.7	None - No QA Qualifier	RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	SM 9223	E. coli	39	MPN/100 mL		1	1	60	FD RPD 42	Field duplicate RPD above QC limit	RPD ≤ 25	AnalysisTime=07:55 DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 130.2	Hardness as CaCO3	38	mg/L		3	5	28	FD RPD 30	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Lead	0.31	µg/L		0.1	0.25	0.27	FD RPD 14	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Nickel	0.9	µg/L		0.4	0.5	0.8	FD RPD 12	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 300.0	Nitrate as N	0.011	mg/L	DNQ	0.006	0.05	<0.006	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03	<0.003	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 351.3	Nitrogen, Total Kjeldahl	0.21	mg/L		0.07	0.1	0.23	FD RPD 9.1	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 365.2	OrthoPhosphate as P	0.048	mg/L		0.01	0.01	0.026	FD RPD 59	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 365.2	Phosphate as P	0.022	mg/L		0.01	0.01	0.035	FD RPD 46	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1	<0.9	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 160.1	Total Dissolved Solids	28	mg/L		4	10	NA	FD RSD 5	RPD exceeds laboratory control limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	2.00	07/12/06	14:00	EPA 160.1	Total Dissolved Solids	37	mg/L		4	10	38	28	RPD exceeds laboratory control limit	RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 415.1	Total Organic Carbon	1.3	mg/L		0.3	0.5	4.9	FD RPD 116	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 180.1	Turbidity	9.7	NTU		0.02	0.05	9.9	FD RPD 9.7	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	2.00	07/12/06	14:00	EPA 180.1	Turbidity	9.9	NTU		0.02	0.05	9.7	1.6	None - No QA Qualifier	RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	FD	1.00	1.00	07/12/06	14:00	EPA 200.8	Zinc	2	µg/L		0.4	1	4	FD RPD 67	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1	<0.04	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Arsenic	0.9	µg/L		0.3	0.5	1.3	FD RPD 36	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Boron	6	µg/L		0.2	1	7	FD RPD 0	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1	<0.02	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 110.2	Color	32	color units		3	6	50	FD RPD 44	Field duplicate RPD above QC limit	RPD ≤ 25	DF=2
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Copper	5.8	µg/L		0.3	0.5	5.3	FD RPD 19	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	SM 9223	E. coli	1200	MPN/100 mL		1	1	870	FD RPD 32	Field duplicate RPD above QC limit	RPD ≤ 25	AnalysisTime=07:45 DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 130.2	Hardness as CaCO3	42	mg/L		3	5	50	FD RPD 17	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Lead	0.83	µg/L		0.1	0.25	0.82	FD RPD 11	None - No QA Qualifier	RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Nickel	3.4	µg/L		0.4	0.5	2.8	FD RPD 19	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 300.0	Nitrate as N	0.17	mg/L		0.006	0.05	0.13	FD RPD 19	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 354.1	Nitrite as N	0.011	mg/L	DNQ	0.003	0.03	0.012	FD RPD 8.7	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 351.3	Nitrogen, Total Kjeldahl	0.45	mg/L		0.07	0.1	0.15	FD RPD 100	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 365.2	OrthoPhosphate as P	0.059	mg/L		0.01	0.01	0.057	FD RPD 3.4	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 365.2	Phosphate as P	0.11	mg/L		0.01	0.01	0.16	FD RPD 37	Field duplicate RPD above QC limit	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1	<0.9	FD RPD NA	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 160.1	Total Dissolved Solids	34	mg/L		8	20	38	FD RPD 11	None - No QA Qualifier	RPD ≤ 25	DF=2
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 415.1	Total Organic Carbon	2.4	mg/L		0.3	0.5	2.8	FD RPD 15	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 180.1	Turbidity	28	NTU		0.02	0.05	28	FD RPD 0	None - No QA Qualifier	RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	FD	1.00	1.00	08/10/06	8:30	EPA 200.8	Zinc	11	µg/L		0.4	1	10	FD RPD 9.5	None - No QA Qualifier	RPD ≤ 25	DF=1

Table 16. ESJWQC toxicity testing results for Ceriodaphnia dubia, Pimephales promelas, Selenastrum capricornutum and Hyalella azteca for field QC samples collected during the irrigation season 2006. Re-samples (RS) were collected within 72 hrs of being notified that the original sample was toxic. Toxicity tests are initiated within 36 hours of sampling and re-tests (RT) are performed if lab controls did not meet method criteria (see toxicity test comments). Data sorted by station name, species and sample date.

Station Name	Sample Date	Sample Time	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Quality Assurance Criteria	Toxicity Test Comments
Cottonwood Creek @ Road 20	05/16/06	9:30	water	FD	05/17/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	RPD $\leq$ 25	FD RPD 0
Cottonwood Creek @ Road 20	05/16/06	9:30	water	FD	05/17/06	Pimephales promelas	Survival (%)	100	100	100	NSG	RPD $\leq$ 25	FD RPD 0
Cottonwood Creek @ Road 20	05/16/06	9:30	water	FD	05/17/06	Selenastrum capricornutum	Total Cell Count	236750	2022750	854	NSG	RPD $\leq$ 25	FD RPD 2
Dry Creek at Road 18	06/13/06	9:20	water	FD, RT	06/19/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	RPD $\leq$ 25	Control Survival <90% for Lab Control treatment in 6/14/06 test. Retest outside of standard hold time for sample. 6/14 Survival = 100%. FD RPD 22.
Dry Creek at Road 18	06/13/06	9:20	water	FD	06/14/06	Pimephales promelas	Survival (%)	100	88	88	NSG	RPD $\leq$ 25	FD RPD 13
Dry Creek at Road 18	06/13/06	9:20	water	FD	06/14/06	Selenastrum capricornutum	Total Cell Count	826000	1450000	176	NSG	RPD $\leq$ 25	FD RPD 21
Duck Slough @ Gurr Rd	09/13/06	9:10	water	FD	09/14/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	RPD $\leq$ 25	FD RPD 0
Duck Slough @ Gurr Rd	09/13/06	9:10	water	FD	09/14/06	Pimephales promelas	Survival (%)	100	100	100	NSG	RPD $\leq$ 25	FD RPD 0
Duck Slough @ Gurr Rd	09/13/06	9:10	water	FD	09/14/06	Selenastrum capricornutum	Total Cell Count	546000	2334250	428	NSG	RPD $\leq$ 25	FD RPD 8.6
Highline Canal @ Lombardy Rd	07/12/06	14:00	water	FD	07/13/06	Ceriodaphnia dubia	Survival (%)	100	100	100	NSG	RPD $\leq$ 25	FD RPD 0

Station Name	Sample Date	Sample Time	Matrix	Sample Code	Toxicity Start Date	Species	Toxicity End Point	Control Mean	Sample Mean	Percent Control	Toxicity Significance	Quality Assurance Criteria	Toxicity Test Comments
Highline Canal @ Lombardy Rd	07/12/06	14:00	water	FD	07/13/06	Pimephales promelas	Survival (%)	98	100	103	NSG	RPD $\leq$ 25	FD RPD 0
Highline Canal @ Lombardy Rd	07/12/06	14:00	water	FD	07/13/06	Selenastrum capricornutum	Total Cell Count	463775	1440025	311	NSG	RPD $\leq$ 25	FD RPD 10.5
Jones Drain @ Oakdale Road	08/10/06	8:30	water	FD	08/11/06	Ceriodaphnia dubia	Survival (%)	90	100	111	NSG	RPD $\leq$ 25	FD RPD 0
Jones Drain @ Oakdale Road	08/10/06	8:30	water	FD	08/11/06	Pimephales promelas	Survival (%)	100	100	100	NSG	RPD $\leq$ 25	FD RPD 0
Jones Drain @ Oakdale Road	08/10/06	8:30	water	FD	08/11/06	Selenastrum capricornutum	Total Cell Count	426500	1911000	448	NSG	RPD $\leq$ 25	FD RPD 9.7
Jones Drain @ Oakdale Road	08/10/06	8:30	sediment	FD	08/21/06	Hyaella azteca	Survival (%)	100	98.75	99	NSG	RPD $\leq$ 25	FD RPD 1.3

Table 17. ESJWQC laboratory quality assurance (LABQA) results including laboratory blanks (lab blanks), matrix spikes (MS) and laboratory control spikes (LCS) for organic analysis. LABQA was performed for samples collected during the 2006 irrigation season and results are sorted by sample type, station name, analyte and sample date. For laboratory control samples, the sample date is equal to the extraction date; some LABQA samples may appear to be duplicates due to multiple batches run on the same date. Glyphosate and paraquat results are not included.

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Aldicarb	1.09	µg/L		0.2	0.4	0.8	136		Matrix spike recovery not within control limits	PR 44-132
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Aldicarb	1.24	µg/L		0.2	0.4	0.8	155	12.9	Matrix spike recovery not within control limits	RPD ≤ 25; PR 44-132
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 619	Atrazine	0.82	µg/L		0.067	0.5	1	82		None - No QA Qualifier	PR 39-156
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 619	Atrazine	0.856	µg/L		0.067	0.5	1	85.6	4.3	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Azinphos methyl	1.02	µg/L		0.0215	0.1	1	102		None - No QA Qualifier	PR 36-189
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Azinphos methyl	1.15	µg/L		0.0215	0.1	1	115	12	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Bifenthrin	0.366	µg/L		0.006	0.02	0.4	91.5		None - No QA Qualifier	PR 52-117
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Bifenthrin	0.388	µg/L		0.006	0.02	0.4	97	5.8	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Carbaryl	0.868	µg/L		0.05	0.07	0.8	109		None - No QA Qualifier	PR 68-112
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Carbaryl	0.886	µg/L		0.05	0.07	0.8	111	2.1	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Carbofuran	0.593	µg/L		0.05	0.07	0.8	74.1		None - No QA Qualifier	PR 54-155
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Carbofuran	0.782	µg/L		0.05	0.07	0.8	97.8	27.5	RPD exceeds laboratory control limit	RPD ≤ 25; PR 54-155
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Chlorpyrifos	0.979	µg/L		0.0026	0.02	1	97.9		None - No QA Qualifier	PR 61-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Chlorpyrifos	1.77	µg/L		0.0026	0.02	1	177	57.5	Matrix spike recovery not within control limits; RPD exceeds laboratory control limit	RPD ≤ 25; PR 61-125
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 619	Cyanazine	0.868	µg/L		0.086	0.5	1	86.8		None - No QA Qualifier	PR 22-172
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 619	Cyanazine	0.891	µg/L		0.086	0.5	1	89.1	2.6	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Cyfluthrin, total	0.37	µg/L		0.003	0.03	0.4	92.5		None - No QA Qualifier	PR 53-125
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Cyfluthrin, total	0.391	µg/L		0.003	0.03	0.4	97.8	5.5	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	0.377	µg/L		0.001	0.02	0.4	94.3		None - No QA Qualifier	PR 62-104
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Cyhalothrin, lambda, total	0.385	µg/L		0.001	0.02	0.4	96.3	2.1	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Cypermethrin, total	1.88	µg/L		0.004	0.05	2	94		None - No QA Qualifier	PR 55-107
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Cypermethrin, total	2.01	µg/L		0.004	0.05	2	100	6.7	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	DDD (p,p')	0.511	µg/L		0.003	0.01	0.6	85.2		None - No QA Qualifier	PR 38-135
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	DDD (p,p')	0.537	µg/L		0.003	0.01	0.6	89.5	5	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	DDE (p,p')	0.494	µg/L		0.004	0.01	0.6	82.3		None - No QA Qualifier	PR 21-134
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	DDE (p,p')	0.522	µg/L		0.004	0.01	0.6	87	5.5	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	DDT (p,p')	0.498	µg/L		0.007	0.01	0.6	83		None - No QA Qualifier	PR 18-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	DDT (p,p')	0.54	µg/L		0.007	0.01	0.6	90	8.1	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	96.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Diazinon	0.97	µg/L		0.0035	0.02	1	97		None - No QA Qualifier	PR 57-130
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Diazinon	0.959	µg/L		0.0035	0.02	1	95.9	1.1	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Dicofol	0.424	µg/L		0.01	0.1	0.6	70.7		None - No QA Qualifier	PR 40-135
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Dicofol	0.462	µg/L		0.01	0.1	0.6	77	8.6	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Dieldrin	0.503	µg/L		0.005	0.01	0.6	83.8		None - No QA Qualifier	PR 48-121
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Dieldrin	0.522	µg/L		0.005	0.01	0.6	87	3.7	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Dimethoate	1.22	µg/L		0.08	0.1	1	122		None - No QA Qualifier	PR 68-202
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Dimethoate	1.25	µg/L		0.08	0.1	1	125	2.4	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Disulfoton	0.492	µg/L		0.02	0.1	1	49.2		None - No QA Qualifier	PR 68-202
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Disulfoton	0.381	µg/L		0.02	0.1	1	38.1	25.4	Matrix spike recovery not within control limits	RPD ≤ 25; PR 68-202

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Diuron	1.15	µg/L		0.2	0.4	1.6	71.9		None - No QA Qualifier	PR 72-124
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Diuron	1.6	µg/L		0.2	0.4	1.6	100	32.7	RPD exceeds laboratory control limit	RPD ≤ 25; PR 72-124
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Endrin	0.538	µg/L		0.007	0.01	0.6	89.7		None - No QA Qualifier	PR 24-143
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Endrin	0.539	µg/L		0.007	0.01	0.6	89.8	0.19	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.381	µg/L		0.002	0.02	0.4	95.3		None - No QA Qualifier	PR 52-117
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	4.03	µg/L		0.002	0.02	0.4	101	5.6	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Linuron	1.68	µg/L		0.2	0.4	1.6	105		None - No QA Qualifier	PR 64-131
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Linuron	1.5	µg/L		0.2	0.4	1.6	93.8	11.3	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Malathion	0.93	µg/L		0.05	0.1	1	93		None - No QA Qualifier	PR 47-125
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Malathion	1.01	µg/L		0.05	0.1	1	101	8.2	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Methamidophos	0.892	µg/L		0.1	0.2	1	89.2		None - No QA Qualifier	PR 40-135
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Methamidophos	0.936	µg/L		0.1	0.2	1	93.6	4.8	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Methidathion	2.78	µg/L		0.038	0.1	2	139		None - No QA Qualifier	PR 50-150
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Methidathion	2.72	µg/L		0.038	0.1	2	136	2.2	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Methiocarb	0.708	µg/L		0.2	0.4	0.8	88.5		None - No QA Qualifier	PR 63-123
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Methiocarb	0.89	µg/L		0.2	0.4	0.8	111	22.8	None - No QA Qualifier	RPD ≤ 25; PR 63-123

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Methomyl	0.444	µg/L		0.05	0.07	0.8	55.5		None - No QA Qualifier	PR 34-125
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Methomyl	0.514	µg/L		0.05	0.07	0.8	64.3	14.6	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Methoxychlor	0.485	µg/L		0.008	0.01	0.6	80.8		None - No QA Qualifier	PR 30-163
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Methoxychlor	0.498	µg/L		0.008	0.01	0.6	83	2.6	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Molinate	1.12	µg/L		0.13	0.5	1	112		None - No QA Qualifier	PR 50-150
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Molinate	0.916	µg/L		0.13	0.5	1	91.6	20	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Oxamyl	1.33	µg/L		0.2	0.4	1.6	83.1		None - No QA Qualifier	PR 10-117
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Oxamyl	1.15	µg/L		0.2	0.4	1.6	71.9	14.5	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Parathion, Methyl	0.959	µg/L		0.0755	0.1	1	95.9		None - No QA Qualifier	PR 55-164
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Parathion, Methyl	0.994	µg/L		0.0755	0.1	1	99.4	3.6	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Permethrin, total	0.368	µg/L		0.009	0.02	0.4	92		None - No QA Qualifier	PR 24-166
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Permethrin, total	0.406	µg/L		0.009	0.02	0.4	102	9.8	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Phorate	0.886	µg/L		0.0722	0.1	1	88.6		None - No QA Qualifier	PR 44-117
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Phorate	0.774	µg/L		0.0722	0.1	1	77.4	13.5	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Phosmet	23.3	µg/L		0.0566	0.2	20	117		None - No QA Qualifier	PR 50-150
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Phosmet	23.1	µg/L		0.0566	0.2	20	116	0.86	None - No QA Qualifier	RPD ≤ 25; PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 619	Simazine	0.858	µg/L		0.08	0.5	1	85.8		None - No QA Qualifier	PR 21-179
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 619	Simazine	0.892	µg/L		0.08	0.5	1	89.2	3.9	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	74.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	87	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	75.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Thiobencarb	2.4	µg/L		0.06	0.5	2	120		None - No QA Qualifier	PR 50-150
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Thiobencarb	2.35	µg/L		0.06	0.5	2	118	2.1	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 619	Tributylphosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	85.5	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	112	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	116	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Tributylphosphate (Surrogate)	87	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	76.5	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Tributylphosphate (Surrogate)	81	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 619	Triphenyl phosphate (Surrogate)	114	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	92.5	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	90	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8141A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Cottonwood Creek @ Road 20	MS	1.00	05/16/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	83.3	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Cottonwood Creek @ Road 20	MS	2.00	05/16/06	9:30	EPA 8321A	Triphenyl phosphate (Surrogate)	87.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Aldicarb	0.446	µg/L		0.2	0.4	0.8	55.8		None - No QA Qualifier	PR 44-132
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Aldicarb	1.12	µg/L		0.2	0.4	0.8	140	86.1	Matrix spike recovery not within control limits	RPD ≤ 25; PR 44-132
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 619	Atrazine	0.877	µg/L		0.067	0.5	1	87.7		None - No QA Qualifier	PR 39-156
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 619	Atrazine	0.87	µg/L		0.067	0.5	1	87	0.8	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Azinphos methyl	1.41	µg/L		0.0215	0.1	1	141		Surrogate recovery is outside of control limits	PR 36-189
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Azinphos methyl	1.14	µg/L		0.0215	0.1	1	114	21.2	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Bifenthrin	2.86	µg/L		0.006	0.02	4	71.5		None - No QA Qualifier	PR 52-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Bifenthrin	3.18	µg/L		0.006	0.02	4	79.5	10.6	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Carbaryl	0.825	µg/L		0.05	0.07	0.8	103		None - No QA Qualifier	PR 68-112
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Carbaryl	0.584	µg/L		0.05	0.07	0.8	73	34.2	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Carbofuran	0.588	µg/L		0.05	0.07	0.8	73.5		None - No QA Qualifier	PR 54-155
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Carbofuran	0.662	µg/L		0.05	0.07	0.8	82.8	11.8	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Chlorpyrifos	1.32	µg/L		0.0026	0.02	1	132		Matrix spike recovery not within control limits	PR 61-125
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Chlorpyrifos	1.1	µg/L		0.0026	0.02	1	110	18.2	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 619	Cyanazine	0.955	µg/L		0.086	0.5	1	95.5		None - No QA Qualifier	PR 22-172
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 619	Cyanazine	0.945	µg/L		0.086	0.5	1	94.5	1.1	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Cyfluthrin, total	3.8	µg/L		0.003	0.03	4	95		None - No QA Qualifier	PR 53-125
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Cyfluthrin, total	4.25	µg/L		0.003	0.03	4	106	11.2	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Cyhalothrin, lambda, total	3.59	µg/L		0.001	0.02	4	89.8		None - No QA Qualifier	PR 62-104
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Cyhalothrin, lambda, total	4.02	µg/L		0.001	0.02	4	100	11.3	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Cypermethrin, total	18	µg/L		0.004	0.05	20	90		None - No QA Qualifier	PR 55-107
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Cypermethrin, total	19.7	µg/L		0.004	0.05	20	98.5	9	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	DDD (p,p')	0.497	µg/L		0.003	0.01	0.6	82.8		None - No QA Qualifier	PR 38-135

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	DDD (p,p')	0.511	µg/L		0.003	0.01	0.6	85.2	2.8	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	DDE (p,p')	0.53	µg/L		0.004	0.01	0.6	88.3		None - No QA Qualifier	PR 21-134
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	DDE (p,p')	0.529	µg/L		0.004	0.01	0.6	88.2	0.19	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	DDT (p,p')	0.55	µg/L		0.007	0.01	0.6	91.7		None - No QA Qualifier	PR 18-145
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	DDT (p,p')	0.541	µg/L		0.007	0.01	0.6	90.2	1.6	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.2	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	83	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Decachlorobiphenyl (Surrogate)	90.8	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Diazinon	1.27	µg/L		0.0035	0.02	1	127		Surrogate recovery is outside of control limits	PR 57-130
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Diazinon	1.08	µg/L		0.0035	0.02	1	108	16.2	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Dicofol	0.642	µg/L		0.01	0.1	1	64.2		None - No QA Qualifier	PR 40-135
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Dicofol	0.74	µg/L		0.01	0.1	1	74	14.2	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Dieldrin	0.542	µg/L		0.005	0.01	0.6	90.3		None - No QA Qualifier	PR 48-121
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Dieldrin	0.541	µg/L		0.005	0.01	0.6	90.2	0.18	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Dimethoate	1.67	µg/L		0.08	0.1	1	167		Surrogate recovery is outside of control limits	PR 68-202

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Dimethoate	1.45	µg/L		0.08	0.1	1	145	14.1	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Disulfoton	0.948	µg/L		0.02	0.1	1	94.8		Surrogate recovery is outside of control limits	PR 68-202
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Disulfoton	0.873	µg/L		0.02	0.1	1	87.3	8.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Diuron	1.65	µg/L		0.2	0.4	1.6	103		None - No QA Qualifier	PR 72-124
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Diuron	1.1	µg/L		0.2	0.4	1.6	68.8	40	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Endrin	0.571	µg/L		0.007	0.01	0.6	95.2		None - No QA Qualifier	PR 24-143
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Endrin	0.561	µg/L		0.007	0.01	0.6	93.5	1.8	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Esfenvalerate/ Fenvalerate, total	3.62	µg/L		0.002	0.02	4	90.5		None - No QA Qualifier	PR 52-117
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Esfenvalerate/ Fenvalerate, total	4.05	µg/L		0.002	0.02	4	101	11.2	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Linuron	1.13	µg/L		0.2	0.4	1.6	70.6		None - No QA Qualifier	PR 64-131
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Linuron	1.72	µg/L		0.2	0.4	1.6	107	41.4	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Malathion	1.35	µg/L		0.05	0.1	1	135		Matrix spike recovery not within control limits	PR 47-125
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Malathion	1.41	µg/L		0.05	0.1	1	141	4.3	Matrix spike recovery not within control limits	RPD ≤ 25; PR 47-125
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Methamidophos	0.749	µg/L		0.1	0.2	1	74.9		Surrogate recovery is outside of control limits	PR 40-135
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Methamidophos	0.892	µg/L		0.1	0.2	1	89.2	17.4	None - No QA Qualifier	RPD ≤ 25; PR 40-135

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Methidathion	2.66	µg/L		0.038	0.1	2	133		Surrogate recovery is outside of control limits	PR 50-150
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Methidathion	2.64	µg/L		0.038	0.1	2	132	0.75	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Methiocarb	0.634	µg/L		0.2	0.4	0.8	79.3		None - No QA Qualifier	PR 63-123
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Methiocarb	0.761	µg/L		0.2	0.4	0.8	95.1	18.2	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Methomyl	0.641	µg/L		0.05	0.07	0.8	80.1		None - No QA Qualifier	PR 34-125
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Methomyl	0.609	µg/L		0.05	0.07	0.8	76.1	5.1	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Methoxychlor	0.546	µg/L		0.008	0.01	0.6	91		None - No QA Qualifier	PR 30-163
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Methoxychlor	0.552	µg/L		0.008	0.01	0.6	92	1.1	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Molinate	0.169	µg/L		0.13	0.5	0.125	135		Surrogate recovery is outside of control limits	PR 50-150
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Molinate	0.164	µg/L		0.13	0.5	0.125	131	3	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Oxamyl	1.03	µg/L		0.2	0.4	1.6	64.4		None - No QA Qualifier	PR 10-117
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Oxamyl	1.63	µg/L		0.2	0.4	1.6	102	45.1	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Parathion, Methyl	1.32	µg/L		0.0755	0.1	1	132		Surrogate recovery is outside of control limits	PR 55-164
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Parathion, Methyl	1.1	µg/L		0.0755	0.1	1	110	18.2	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Permethrin, total	2.62	µg/L		0.009	0.02	4	65.5		None - No QA Qualifier	PR 24-166

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Permethrin, total	2.93	µg/L		0.009	0.02	4	73.3	11.2	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Phorate	1.12	µg/L		0.0722	0.1	1	112		Surrogate recovery is outside of control limits	PR 44-117
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Phorate	0.878	µg/L		0.0722	0.1	1	87.8	24.2	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Phosmet	23.6	µg/L		0.0566	0.2	20	118		Surrogate recovery is outside of control limits	PR 50-150
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Phosmet	24.3	µg/L		0.0566	0.2	20	122	2.9	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 619	Simazine	0.908	µg/L		0.08	0.5	1	90.8		None - No QA Qualifier	PR 21-179
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 619	Simazine	0.932	µg/L		0.08	0.5	1	93.2	2.6	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.5	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	60.8	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	88.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	56.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Thiobencarb	2.46	µg/L		0.06	0.5	2	123		Surrogate recovery is outside of control limits	PR 50-150
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Thiobencarb	2.44	µg/L		0.06	0.5	2	122	0.82	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 619	Tributylphosphate (Surrogate)	99.5	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 619	Tributylphosphate (Surrogate)	98.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	126	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	59.8	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 60-150
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	77.6	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 60-150
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Tributylphosphate (Surrogate)	115	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 60-150
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Tributylphosphate (Surrogate)	89.5	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Tributylphosphate (Surrogate)	88.5	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 36-140
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 619	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 619	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 54-144
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	130	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 56-129
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	60.2	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	115	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 56-129
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8141A	Triphenyl phosphate (Surrogate)	79.4	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 56-129
Dry Creek at Road 18	MS	1.00	06/13/06	9:20	EPA 8321A	Triphenyl phosphate (Surrogate)	87.8	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Dry Creek at Road 18	MS	2.00	06/13/06	9:20	EPA 8321A	Triphenyl phosphate (Surrogate)	97.3	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 58-121
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Aldicarb	0.581	$\mu\text{g/L}$		0.2	0.4	0.8	72.6		Surrogate recovery is outside of control limits	PR 44-132

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Aldicarb	0.638	µg/L		0.2	0.4	0.8	79.8	9.4	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 44-132
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 619	Atrazine	25.6	µg/L		0.067	0.5	25	102		None - No QA Qualifier	PR 39-156
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 619	Atrazine	26.2	µg/L		0.067	0.5	25	105	2.3	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Azinphos methyl	1.15	µg/L		0.0215	0.1	2	57.5		None - No QA Qualifier	PR 36-189
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Azinphos methyl	1	µg/L		0.0215	0.1	2	50	14	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Bifenthrin	0.518	µg/L		0.006	0.02	0.6	86.3		None - No QA Qualifier	PR 52-117
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Bifenthrin	0.546	µg/L		0.006	0.02	0.6	91	5.3	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Carbaryl	0.624	µg/L		0.05	0.07	0.8	78		Surrogate recovery is outside of control limits	PR 68-112
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Carbaryl	0.489	µg/L		0.05	0.07	0.8	61.1	24.3	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 68-112
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Carbofuran	0.516	µg/L		0.05	0.07	0.8	64.5		Surrogate recovery is outside of control limits	PR 54-155
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Carbofuran	0.619	µg/L		0.05	0.07	0.8	77.4	18.1	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 54-155
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Chlorpyrifos	1.14	µg/L		0.0026	0.02	1	114		None - No QA Qualifier	PR 61-125
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Chlorpyrifos	1.02	µg/L		0.0026	0.02	1	102	11.1	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 619	Cyanazine	25.8	µg/L		0.086	0.5	25.087	103		None - No QA Qualifier	PR 22-172

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 619	Cyanazine	26	µg/L		0.086	0.5	25.087	104	0.77	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Cyfluthrin, total	0.604	µg/L		0.003	0.03	0.6	101		None - No QA Qualifier	PR 53-125
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Cyfluthrin, total	0.615	µg/L		0.003	0.03	0.6	103	1.8	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Cyhalothrin, lambda, total	0.564	µg/L		0.001	0.02	0.6	94		None - No QA Qualifier	PR 62-104
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Cyhalothrin, lambda, total	0.6	µg/L		0.001	0.02	0.6	100	6.2	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Cypermethrin, total	2.92	µg/L		0.004	0.05	3	97.3		None - No QA Qualifier	PR 55-107
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Cypermethrin, total	3.04	µg/L		0.004	0.05	3	101	4	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	DDD (p,p')	0.511	µg/L		0.003	0.01	0.6	85.2		None - No QA Qualifier	PR 38-135
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	DDD (p,p')	0.528	µg/L		0.003	0.01	0.6	88	3.3	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	DDE (p,p')	0.464	µg/L		0.004	0.01	0.6	77.3		None - No QA Qualifier	PR 21-134
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	DDE (p,p')	0.468	µg/L		0.004	0.01	0.6	78	0.86	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	DDT (p,p')	0.46	µg/L		0.007	0.01	0.6	76.7		None - No QA Qualifier	PR 18-145
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	DDT (p,p')	0.498	µg/L		0.007	0.01	0.6	83	7.9	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	89.7	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	73.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Decachlorobiphenyl (Surrogate)	89.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Diazinon	1.09	µg/L		0.0035	0.02	1	109		None - No QA Qualifier	PR 57-130
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Diazinon	0.946	µg/L		0.0035	0.02	1	94.6	14.1	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Dicofol	0.418	µg/L		0.01	0.1	0.4	104		None - No QA Qualifier	PR 40-135
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Dicofol	0.415	µg/L		0.01	0.1	0.4	104	0.72	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Dieldrin	0.557	µg/L		0.005	0.01	0.6	92.8		None - No QA Qualifier	PR 48-121
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Dieldrin	0.59	µg/L		0.005	0.01	0.6	98.3	5.8	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Dimethoate	1.38	µg/L		0.08	0.1	1	138		None - No QA Qualifier	PR 68-202
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Dimethoate	1.29	µg/L		0.08	0.1	1	129	6.7	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Disulfoton	0.701	µg/L		0.02	0.1	1	70.1		None - No QA Qualifier	PR 68-202
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Disulfoton	0.784	µg/L		0.02	0.1	1	78.4	11.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Diuron	1.07	µg/L		0.2	0.4	1.6	66.9		Surrogate recovery is outside of control limits	PR 72-124
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Diuron	1.03	µg/L		0.2	0.4	1.6	64.4	3.8	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 72-124
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Endrin	0.49	µg/L		0.007	0.01	0.6	81.7		None - No QA Qualifier	PR 24-143
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Endrin	0.486	µg/L		0.007	0.01	0.6	81	0.82	None - No QA Qualifier	RPD ≤ 25; PR 24-143

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.591	µg/L		0.002	0.02	0.6	98.5		None - No QA Qualifier	PR 52-117
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.587	µg/L		0.002	0.02	0.6	97.8	0.68	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Linuron	1.61	µg/L		0.2	0.4	1.6	101		Surrogate recovery is outside of control limits	PR 64-131
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Linuron	1.55	µg/L		0.2	0.4	1.6	96.9	3.8	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 64-131
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Malathion	1.05	µg/L		0.05	0.1	1	105		None - No QA Qualifier	PR 47-125
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Malathion	1.06	µg/L		0.05	0.1	1	106	0.95	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Methidathion	11.6	µg/L		0.038	0.1	10	116		None - No QA Qualifier	PR 50-150
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Methidathion	9.82	µg/L		0.038	0.1	10	98.2	16.6	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Methamidophos	0.319	µg/L		0.1	0.2	0.6	53.2		RPD exceeds laboratory control limit	PR 40-135
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Methamidophos	0.582	µg/L		0.1	0.2	0.6	97	58.4	RPD exceeds laboratory control limit	RPD ≤ 25; PR 40-135
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Methiocarb	0.663	µg/L		0.2	0.4	0.8	82.9		Surrogate recovery is outside of control limits	PR 63-123
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Methiocarb	0.592	µg/L		0.2	0.4	0.8	74	11.3	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 63-123
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Methomyl	0.605	µg/L		0.05	0.07	0.8	75.6		Surrogate recovery is outside of control limits	PR 34-125
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Methomyl	0.559	µg/L		0.05	0.07	0.8	69.9	7.9	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 34-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Methoxychlor	0.541	µg/L		0.008	0.01	0.6	90.2		None - No QA Qualifier	PR 30-163
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Methoxychlor	0.568	µg/L		0.008	0.01	0.6	94.7	4.9	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Molinate	30.8	µg/L		0.13	0.5	25	123		None - No QA Qualifier	PR 50-150
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Molinate	27	µg/L		0.13	0.5	25	108	13.1	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Oxamyl	1.21	µg/L		0.2	0.4	1.6	75.6		Surrogate recovery is outside of control limits	PR 10-117
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Oxamyl	1.11	µg/L		0.2	0.4	1.6	69.4	8.6	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 10-117
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Parathion, Methyl	1.07	µg/L		0.0755	0.1	1	107		None - No QA Qualifier	PR 55-164
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Parathion, Methyl	0.96	µg/L		0.0755	0.1	1	96	10.8	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Permethrin, total	0.526	µg/L		0.009	0.02	0.6	87.7		None - No QA Qualifier	PR 24-166
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Permethrin, total	0.537	µg/L		0.009	0.02	0.6	89.5	2.1	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Phorate	0.904	µg/L		0.0722	0.1	1	90.4		RPD exceeds laboratory control limit	PR 44-117
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Phorate	0.656	µg/L		0.0722	0.1	1	65.6	31.8	RPD exceeds laboratory control limit	RPD ≤ 25; PR 44-117
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Phosmet	5.79	µg/L		0.0566	0.2	5	116		None - No QA Qualifier	PR 50-150
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Phosmet	4.95	µg/L		0.0566	0.2	5	99	15.6	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 619	Simazine	15.2	µg/L		0.08	0.5	25	60.8		None - No QA Qualifier	PR 21-179

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 619	Simazine	15.4	µg/L		0.08	0.5	25	61.6	1.3	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	50.3	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	97.8	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Thiobencarb	36.3	µg/L		0.06	0.5	25	145		None - No QA Qualifier	PR 50-150
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Thiobencarb	29.6	µg/L		0.06	0.5	25	118	20.3	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 619	Tributylphosphate (Surrogate)	89.5	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 619	Tributylphosphate (Surrogate)	91.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	115	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	76.3	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	74.9	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Tributylphosphate (Surrogate)	109	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Tributylphosphate (Surrogate)	161	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 36-140
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Tributylphosphate (Surrogate)	370	%		NA	NA	100			Surrogate recovery is outside of control limits	RPD ≤ 25; PR 36-140

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 619	Triphenyl phosphate (Surrogate)	90.5	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 619	Triphenyl phosphate (Surrogate)	94	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	78.9	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	75.8	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8141A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Duck Slough @ Gurr Rd	MS	1.00	09/13/06	9:10	EPA 8321A	Triphenyl phosphate (Surrogate)	86.5	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Duck Slough @ Gurr Rd	MS	2.00	09/13/06	9:10	EPA 8321A	Triphenyl phosphate (Surrogate)	86	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Aldicarb	0.786	µg/L		0.2	0.4	0.8	98.3		None - No QA Qualifier	PR 44-132
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Aldicarb	0.817	µg/L		0.2	0.4	0.8	102	3.9	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 619	Atrazine	43.1	µg/L		0.067	0.5	25	172		Matrix spike recovery not within control limits; Surrogate recovery is outside of control limits	PR 39-156
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 619	Atrazine	42.4	µg/L		0.067	0.5	25	170	1.6	Matrix spike recovery not within control limits	RPD ≤ 25; PR 39-156
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Azinphos methyl	1.15	µg/L		0.0215	0.1	2	57.5		None - No QA Qualifier	PR 36-189

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Azinphos methyl	1.15	µg/L		0.0215	0.1	2	57.5	0	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Bifenthrin	3.02	µg/L		0.006	0.02	4	75.5		None - No QA Qualifier	PR 52-117
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Bifenthrin	2.87	µg/L		0.006	0.02	4	71.8	5.1	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Carbaryl	0.875	µg/L		0.05	0.07	0.8	109		None - No QA Qualifier	PR 68-112
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Carbaryl	0.897	µg/L		0.05	0.07	0.8	112	2.5	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Carbofuran	0.753	µg/L		0.05	0.07	0.8	94.1		None - No QA Qualifier	PR 54-155
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Carbofuran	0.751	µg/L		0.05	0.07	0.8	93.9	0.27	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Chlorpyrifos	1.2	µg/L		0.0026	0.02	1	120		None - No QA Qualifier	PR 61-125
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Chlorpyrifos	1.34	µg/L		0.0026	0.02	1	134	11	Matrix spike recovery not within control limits	RPD ≤ 25; PR 61-125
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 619	Cyanazine	52.2	µg/L		0.086	0.5	25	209		Matrix spike recovery not within control limits; Surrogate recovery is outside of control limits	PR 22-172
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 619	Cyanazine	53.8	µg/L		0.086	0.5	25	215	3	Matrix spike recovery not within control limits	RPD ≤ 25; PR 22-172

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Cyfluthrin, total	4.46	µg/L		0.003	0.03	4	112		None - No QA Qualifier	PR 53-125
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Cyfluthrin, total	4.3	µg/L		0.003	0.03	4	108	3.7	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Cyhalothrin, lambda, total	4.05	µg/L		0.001	0.02	4	101		None - No QA Qualifier	PR 62-104
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Cyhalothrin, lambda, total	3.84	µg/L		0.001	0.02	4	96	5.3	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Cypermethrin, total	19.4	µg/L		0.004	0.05	20	97		None - No QA Qualifier	PR 55-107
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Cypermethrin, total	18.7	µg/L		0.004	0.05	20	93.5	3.7	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	DDD (p,p')	0.651	µg/L		0.003	0.01	0.6	109		None - No QA Qualifier	PR 38-135
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	DDD (p,p')	0.68	µg/L		0.003	0.01	0.6	113	4.4	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	DDE (p,p')	0.632	µg/L		0.004	0.01	0.6	105		None - No QA Qualifier	PR 21-134
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	DDE (p,p')	0.645	µg/L		0.004	0.01	0.6	108	2	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	DDT (p,p')	0.612	µg/L		0.007	0.01	0.6	102		None - No QA Qualifier	PR 18-145
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	DDT (p,p')	0.626	µg/L		0.007	0.01	0.6	104	2.3	None - No QA Qualifier	RPD ≤ 25; PR 18-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	93.8	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.7	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	97.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Diazinon	1.19	µg/L		0.0035	0.02	1	119		None - No QA Qualifier	PR 57-130
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Diazinon	1.2	µg/L		0.0035	0.02	1	120	0.84	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Dicofol	0.614	µg/L		0.01	0.1	0.6	102		None - No QA Qualifier	PR 40-135
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Dicofol	0.56	µg/L		0.01	0.1	0.6	93.3	9.2	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Dieldrin	0.651	µg/L		0.005	0.01	0.6	109		None - No QA Qualifier	PR 48-121
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Dieldrin	0.662	µg/L		0.005	0.01	0.6	110	1.7	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Dimethoate	2	µg/L		0.08	0.1	1	200		None - No QA Qualifier	PR 68-202
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Dimethoate	2.12	µg/L		0.08	0.1	1	212	5.8	Matrix spike recovery not within control limits	RPD ≤ 25; PR 68-202

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Disulfoton	0.533	µg/L		0.02	0.1	1	53.3		None - No QA Qualifier	PR 68-202
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Disulfoton	0.512	µg/L		0.02	0.1	1	51.2	4	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Diuron	1.68	µg/L		0.2	0.4	1.6	105		None - No QA Qualifier	PR 72-124
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Diuron	1.83	µg/L		0.2	0.4	1.6	114	8.5	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Endrin	0.62	µg/L		0.007	0.01	0.6	103		None - No QA Qualifier	PR 24-143
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Endrin	0.635	µg/L		0.007	0.01	0.6	106	2.4	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	4.13	µg/L		0.002	0.02	4	103		None - No QA Qualifier	PR 52-117
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	3.96	µg/L		0.002	0.02	4	99	4.2	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Linuron	1.51	µg/L		0.2	0.4	1.6	94.4		None - No QA Qualifier	PR 64-131
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Linuron	1.33	µg/L		0.2	0.4	1.6	83.1	12.7	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Malathion	1.32	µg/L		0.05	0.1	1	132		Matrix spike recovery not within control limits	PR 47-125
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Malathion	1.37	µg/L		0.05	0.1	1	137	3.7	Matrix spike recovery not within control limits	RPD ≤ 25; PR 47-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Methamidophos	0.401	µg/L		0.1	0.2	0.4	100		None - No QA Qualifier	PR 40-135
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Methamidophos	0.397	µg/L		0.1	0.2	0.4	99.3	1	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Methidathion	3.63	µg/L		0.038	0.1	2	182		Matrix spike recovery not within control limits	PR 50-150
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Methidathion	3.4	µg/L		0.038	0.1	2	170	6.5	Matrix spike recovery not within control limits	RPD ≤ 25; PR 50-150
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Methiocarb	0.704	µg/L		0.2	0.4	0.8	88		None - No QA Qualifier	PR 63-123
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Methiocarb	0.73	µg/L		0.2	0.4	0.8	91.2	3.6	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Methomyl	0.564	µg/L		0.05	0.07	0.8	70.5		None - No QA Qualifier	PR 34-125
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Methomyl	0.605	µg/L		0.05	0.07	0.8	75.6	7	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Methoxychlor	0.621	µg/L		0.008	0.01	0.6	104		None - No QA Qualifier	PR 30-163
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Methoxychlor	0.639	µg/L		0.008	0.01	0.6	107	2.9	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Molinate	22.8	µg/L		0.13	0.5	25	91.2		None - No QA Qualifier	PR 50-150
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Molinate	23.5	µg/L		0.13	0.5	25	94	3	None - No QA Qualifier	RPD ≤ 25; PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Oxamyl	0.852	µg/L		0.2	0.4	1.6	53.2		None - No QA Qualifier	PR 10-117
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Oxamyl	0.695	µg/L		0.2	0.4	1.6	43.4	20.3	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Parathion, Methyl	1.59	µg/L		0.0755	0.1	1	159		None - No QA Qualifier	PR 55-164
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Parathion, Methyl	1.6	µg/L		0.0755	0.1	1	160	0.63	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Permethrin, total	2.87	µg/L		0.009	0.02	4	71.8		None - No QA Qualifier	PR 24-166
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Permethrin, total	2.71	µg/L		0.009	0.02	4	67.8	5.7	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Phorate	0.967	µg/L		0.0722	0.1	1	96.7		None - No QA Qualifier	PR 44-117
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Phorate	1.01	µg/L		0.0722	0.1	1	101	4.4	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Phosmet	28.5	µg/L		0.0566	0.2	20	143		None - No QA Qualifier	PR 50-150
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Phosmet	26.6	µg/L		0.0566	0.2	20	133	6.9	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 619	Simazine	14.6	µg/L		0.08	0.5	25	58.4		Surrogate recovery is outside of control limits	PR 21-179
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 619	Simazine	14.4	µg/L		0.08	0.5	25	57.6	1.4	None - No QA Qualifier	RPD ≤ 25; PR 21-179

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.5	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	65	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 38-113
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	78.8	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 15-98
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Thiobencarb	3.53	$\mu\text{g/L}$		0.06	0.5	2	177		Matrix spike recovery not within control limits	PR 50-150
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Thiobencarb	3.32	$\mu\text{g/L}$		0.06	0.5	2	166	6.1	Matrix spike recovery not within control limits	RPD $\leq$ 25; PR 50-150
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 619	Tributylphosphate (Surrogate)	136	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 619	Tributylphosphate (Surrogate)	137	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 62-145
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	87.7	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	120	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	89.7	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 60-150
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Tributylphosphate (Surrogate)	123	%		NA	NA	100			None - No QA Qualifier	RPD $\leq$ 25; PR 60-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Tributylphosphate (Surrogate)	90.8	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Tributylphosphate (Surrogate)	89.8	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 619	Triphenyl phosphate (Surrogate)	145	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 54-144
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 619	Triphenyl phosphate (Surrogate)	144	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	124	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	88.6	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	92.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8141A	Triphenyl phosphate (Surrogate)	120	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Highline Canal @ Lombardy Rd	MS	1.00	07/12/06	14:00	EPA 8321A	Triphenyl phosphate (Surrogate)	99	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Highline Canal @ Lombardy Rd	MS	2.00	07/12/06	14:00	EPA 8321A	Triphenyl phosphate (Surrogate)	94.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Aldicarb	0.219	µg/L	DNQ	0.2	0.4	0.267	82		None - No QA Qualifier	PR 44-132
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Aldicarb	0.241	µg/L	DNQ	0.2	0.4	0.267	90.3	9.6	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 44-132

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 619	Atrazine	28.4	µg/L		0.067	0.5	25	114		None - No QA Qualifier	PR 39-156
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 619	Atrazine	26.4	µg/L		0.067	0.5	25	106	7.3	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Azinphos methyl	0.816	µg/L		0.0215	0.1	2	40.8		None - No QA Qualifier	PR 36-189
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Azinphos methyl	0.826	µg/L		0.0215	0.1	2	41.3	1.2	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Bifenthrin	3.4	µg/L		0.006	0.02	4	85		None - No QA Qualifier	PR 52-117
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Bifenthrin	3.14	µg/L		0.006	0.02	4	78.5	8	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Carbaryl	0.263	µg/L		0.05	0.07	0.267	98.5		None - No QA Qualifier	PR 68-112
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Carbaryl	0.246	µg/L		0.05	0.07	0.267	92.1	6.7	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 68-112
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Carbofuran	0.217	µg/L		0.05	0.07	0.267	81.3		None - No QA Qualifier	PR 54-155
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Carbofuran	0.221	µg/L		0.05	0.07	0.267	82.8	1.8	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 54-155
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Chlorpyrifos	0.917	µg/L		0.0026	0.02	1.017	90		None - No QA Qualifier	PR 61-125
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Chlorpyrifos	0.879	µg/L		0.0026	0.02	1.017	86.2	4.2	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 619	Cyanazine	31.4	µg/L		0.086	0.5	25	126		None - No QA Qualifier	PR 22-172
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 619	Cyanazine	30.2	µg/L		0.086	0.5	25	121	3.9	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Cyfluthrin, total	5.05	µg/L		0.003	0.03	4	126		Matrix spike recovery not within control limits	PR 53-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Cyfluthrin, total	4.6	µg/L		0.003	0.03	4	115	9.3	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Cyhalothrin, lambda, total	4.6	µg/L		0.001	0.02	4	115		Matrix spike recovery not within control limits	PR 62-104
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Cyhalothrin, lambda, total	4.26	µg/L		0.001	0.02	4	107	7.7	Matrix spike recovery not within control limits	RPD ≤ 25; PR 62-104
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Cypermethrin, total	21.9	µg/L		0.004	0.05	20	109		Matrix spike recovery not within control limits	PR 55-107
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Cypermethrin, total	20.2	µg/L		0.004	0.05	20	101	8.1	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	DDD (p,p')	0.692	µg/L		0.003	0.01	0.6	115		Surrogate recovery is outside of control limits	PR 38-135
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	DDD (p,p')	0.568	µg/L		0.003	0.01	0.6	94.7	19.7	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	DDE (p,p')	0.703	µg/L		0.004	0.01	0.6	117		Surrogate recovery is outside of control limits	PR 21-134
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	DDE (p,p')	0.568	µg/L		0.004	0.01	0.6	94.7	21.2	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	DDT (p,p')	0.591	µg/L		0.007	0.01	0.6	98.5		Surrogate recovery is outside of control limits	PR 18-145
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	DDT (p,p')	0.484	µg/L		0.007	0.01	0.6	80.7	19.9	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	94.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	93.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.8	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Decachlorobiphenyl (Surrogate)	75	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Diazinon	0.817	µg/L		0.0035	0.02	1	81.7		None - No QA Qualifier	PR 57-130
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Diazinon	0.81	µg/L		0.0035	0.02	1	81	0.86	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Dicofol	0.609	µg/L		0.01	0.1	0.6	102		Surrogate recovery is outside of control limits	PR 40-135
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Dicofol	0.641	µg/L		0.01	0.1	0.6	107	5.1	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Dieldrin	0.692	µg/L		0.005	0.01	0.6	115		Surrogate recovery is outside of control limits	PR 48-121
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Dieldrin	0.557	µg/L		0.005	0.01	0.6	92.8	21.6	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Dimethoate	1.22	µg/L		0.08	0.1	1	122		None - No QA Qualifier	PR 68-202
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Dimethoate	1.16	µg/L		0.08	0.1	1	116	5	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Disulfoton	0.668	µg/L		0.02	0.1	1	66.8		None - No QA Qualifier	PR 68-202
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Disulfoton	0.62	µg/L		0.02	0.1	1	62	7.5	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Diuron	0.518	µg/L		0.2	0.4	0.533	97.2		None - No QA Qualifier	PR 72-124
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Diuron	0.569	µg/L		0.2	0.4	0.533	107	9.4	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 72-124
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Endrin	0.654	µg/L		0.007	0.01	0.6	109		Surrogate recovery is outside of control limits	PR 24-143

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Endrin	0.542	µg/L		0.007	0.01	0.6	90.3	18.7	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	4.69	µg/L		0.002	0.02	4	117		None - No QA Qualifier	PR 52-117
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Esfenvalerate/ Fenvalerate, total	4.26	µg/L		0.002	0.02	4	107	9.6	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Linuron	0.563	µg/L		0.2	0.4	0.533	106		None - No QA Qualifier	PR 64-131
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Linuron	0.485	µg/L		0.2	0.4	0.533	91	14.9	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 64-131
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Malathion	0.988	µg/L		0.05	0.1	1	98.8		None - No QA Qualifier	PR 47-125
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Malathion	0.908	µg/L		0.05	0.1	1	90.8	8.4	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Methamidophos	0.486	µg/L		0.1	0.2	0.4	121		None - No QA Qualifier	PR 40-135
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Methamidophos	0.45	µg/L		0.1	0.2	0.4	113	7.7	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Methidathion	1.94	µg/L		0.038	0.1	2	97		None - No QA Qualifier	PR 50-150
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Methidathion	2.3	µg/L		0.038	0.1	2	115	17	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Methiocarb	0.245	µg/L	DNQ	0.2	0.4	0.267	91.8		None - No QA Qualifier	PR 63-123
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Methiocarb	0.24	µg/L	DNQ	0.2	0.4	0.267	89.9	2.1	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 63-123
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Methomyl	0.264	µg/L		0.05	0.07	0.267	98.9		None - No QA Qualifier	PR 34-125
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Methomyl	0.216	µg/L		0.05	0.07	0.267	80.9	20	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 34-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Methoxychlor	0.628	µg/L		0.008	0.01	0.6	105		Surrogate recovery is outside of control limits	PR 30-163
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Methoxychlor	0.513	µg/L		0.008	0.01	0.6	85.5	20.2	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Molinate	25.6	µg/L		0.13	0.5	25	102		None - No QA Qualifier	PR 50-150
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Molinate	25.5	µg/L		0.13	0.5	25	102	0.39	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Oxamyl	0.288	µg/L	DNQ	0.2	0.4	0.533	54		None - No QA Qualifier	PR 10-117
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Oxamyl	0.291	µg/L	DNQ	0.2	0.4	0.533	54.6	1	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 10-117
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Parathion, Methyl	0.878	µg/L		0.0755	0.1	1	87.8		None - No QA Qualifier	PR 55-164
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Parathion, Methyl	0.832	µg/L		0.0755	0.1	1	83.2	5.4	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Permethrin, total	3.1	µg/L		0.009	0.02	4	77.5		None - No QA Qualifier	PR 24-166
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Permethrin, total	2.87	µg/L		0.009	0.02	4	71.8	7.7	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Phorate	0.729	µg/L		0.0722	0.1	1	72.9		None - No QA Qualifier	PR 44-117
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Phorate	0.72	µg/L		0.0722	0.1	1	72	1.2	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Phosmet	18.5	µg/L		0.0566	0.2	20	92.5		None - No QA Qualifier	PR 50-150
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Phosmet	21.5	µg/L		0.0566	0.2	20	108	15	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 619	Simazine	13.2	µg/L		0.08	0.5	25	52.8		None - No QA Qualifier	PR 21-179

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 619	Simazine	11.5	µg/L		0.08	0.5	25	46	13.8	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	99.2	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 15-98
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	95.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	79.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Thiobencarb	1.97	µg/L		0.06	0.5	2	98.5		None - No QA Qualifier	PR 50-150
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Thiobencarb	2.24	µg/L		0.06	0.5	2	112	12.8	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 619	Tributylphosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	121	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	82	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	109	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Tributylphosphate (Surrogate)	74.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Tributylphosphate (Surrogate)	95.5	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Tributylphosphate (Surrogate)	147	%		NA	NA	100			Surrogate recovery is outside of control limits	RPD ≤ 25; PR 36-140

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 619	Triphenyl phosphate (Surrogate)	119	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 619	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	117	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	86.5	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	76	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8141A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Jones Drain @ Oakdale Road	MS	1.00	08/10/06	8:30	EPA 8321A	Triphenyl phosphate (Surrogate)	88.7	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Jones Drain @ Oakdale Road	MS	2.00	08/10/06	8:30	EPA 8321A	Triphenyl phosphate (Surrogate)	93.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Aldicarb	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 619	Atrazine	<0.067	µg/L	ND	0.067	0.5				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Azinphos methyl	<0.0215	µg/L	ND	0.0215	0.1				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Bifenthrin	<0.006	µg/L	ND	0.006	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				Surrogate recovery is outside of control limits	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Carbaryl	<0.05	µg/L	ND	0.05	0.07				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Carbofuran	<0.05	µg/L	ND	0.05	0.07				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Chlorpyrifos	<0.00259	µg/L	ND	0.0026	0.02				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 619	Cyanazine	<0.086	µg/L	ND	0.086	0.5				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Cyfluthrin, total	<0.003	µg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL

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Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	<0.001	µg/L	ND	0.001	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Cypermethrin, total	<0.004	µg/L	ND	0.004	0.05				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	DDD (p,p')	<0.003	µg/L	ND	0.003	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	DDE (p,p')	<0.004	µg/L	ND	0.004	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	DDT (p,p')	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	94.8	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	94.8	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.4	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	73.4	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	122	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	92.2	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.5	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	78.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	74	%		NA	NA	100			None - No QA Qualifier	PR 41-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	60.5	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	65.4	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.6	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	77	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	77	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	77	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	77	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	76.6	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	93.1	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	93.1	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	64.9	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	64.9	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	45	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	45	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Diazinon	<0.00353	µg/L	ND	0.0035	0.02				Surrogate recovery is outside of control limits	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Dicofol	<0.01	µg/L	ND	0.01	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Dieldrin	<0.005	µg/L	ND	0.005	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Dimethoate	<0.08	µg/L	ND	0.08	0.1				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Disulfoton	<0.02	µg/L	ND	0.02	0.1				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Diuron	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Endrin	<0.007	µg/L	ND	0.007	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	<0.002	µg/L	ND	0.002	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Linuron	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Malathion	<0.05	µg/L	ND	0.05	0.1				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/18/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/19/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Methamidophos	<0.1	µg/L	ND	0.1	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Methidathion	<0.038	µg/L	ND	0.038	0.1				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Methiocarb	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Methomyl	<0.05	µg/L	ND	0.05	0.07				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Methoxychlor	<0.008	µg/L	ND	0.008	0.01				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Molinate	<0.13	µg/L	ND	0.13	0.5				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Oxamyl	<0.2	µg/L	ND	0.2	0.4				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Parathion, Methyl	<0.0755	µg/L	ND	0.0755	0.1				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Permethrin, total	<0.009	µg/L	ND	0.009	0.02				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Phorate	<0.0722	µg/L	ND	0.0722	0.1				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Phosmet	<0.0566	µg/L	ND	0.0566	0.2				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 619	Simazine	<0.08	µg/L	ND	0.08	0.5				Surrogate recovery is outside of control limits	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.2	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.2	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.2	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	71.9	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	97.9	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	97.9	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	93	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	93	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	67.6	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	52.5	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	48.6	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.9	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	38.6	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	07/24/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	47.9	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.3	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.3	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	52.6	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	52.6	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.2	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	90.2	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.9	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.9	%		NA	NA	100			None - No QA Qualifier	PR 15-98

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.8	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.8	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				None - No QA Qualifier	<MDL
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Thiobencarb	<0.06	µg/L	ND	0.06	0.5				Surrogate recovery is outside of control limits	<MDL
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	103	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	117	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 619	Tributylphosphate (Surrogate)	111	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 619	Tributylphosphate (Surrogate)	91	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 619	Tributylphosphate (Surrogate)	98.6	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Tributylphosphate (Surrogate)	119	%		NA	NA	100			None - No QA Qualifier	PR 62-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 619	Tributylphosphate (Surrogate)	95.1	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	216	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 62-145
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	93	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	98.5	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	98.5	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	98.5	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	93.8	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	109	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	93.8	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	93.8	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	117	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	64.7	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	92.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	92.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	88.6	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	07/18/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	87.8	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	07/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	93.4	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	98.5	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	109	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	133	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	85.9	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	85.9	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	133	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	120	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	123	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	75	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 60-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	75.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	75.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	210	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 60-150
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	94.6	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	66	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	66	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	66	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	93.8	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	93.5	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	92.2	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	PR 36-140

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	69.4	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	86.9	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	79.9	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	85.1	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	73.9	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	161	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 36-140
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	161	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 36-140
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	101	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	88.6	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	88.6	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	88.6	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 54-144

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	91.1	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	94.9	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	93.6	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	94.4	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LabBlank	1.00	05/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	97	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	86.4	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	86.4	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	86.4	%		NA	NA	100			None - No QA Qualifier	PR 56-129

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	79	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	92.5	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	92.5	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	07/12/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	07/17/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	88.4	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	07/18/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	84.2	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	07/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	95.6	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	130	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 56-129
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	124	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100			None - No QA Qualifier	PR 56-129

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	82.5	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	82.5	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	130	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 56-129
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	09/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	77.4	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	79.2	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	79.2	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	09/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	95.2	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LabBlank	1.00	05/17/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	94	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	69.2	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	69.2	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	69.2	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	05/24/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	06/15/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	103	%		NA	NA	100			None - No QA Qualifier	PR 58-121

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LabBlank	1.00	06/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	91.1	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	06/21/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	07/13/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	87.3	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	07/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	07/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	78.3	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	08/11/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	94.3	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	08/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	82.9	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	08/17/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	88.1	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	09/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	79.4	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	81.3	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LabBlank	1.00	09/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	81.3	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Aldicarb	0.213	µg/L	DNQ	0.2	0.4	0.267	79.8		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Aldicarb	0.248	µg/L	DNQ	0.2	0.4	0.267	92.9	15.2	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Aldicarb	0.194	µg/L	ND	0.2	0.4	0.267	72.7		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Aldicarb	0.194	µg/L	ND	0.2	0.4	0.267	72.7		None - No QA Qualifier	PR 44-132

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Aldicarb	0.194	µg/L	ND	0.2	0.4	0.267	72.7		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Aldicarb	0.231	µg/L	DNQ	0.2	0.4	0.267	86.5	17.4	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Aldicarb	0.231	µg/L	DNQ	0.2	0.4	0.267	86.5	17.4	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Aldicarb	0.231	µg/L	DNQ	0.2	0.4	0.267	86.5	17.4	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Aldicarb	0.28	µg/L	DNQ	0.2	0.4	0.267	105		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Aldicarb	0.284	µg/L	DNQ	0.2	0.4	0.267	106	1.4	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Aldicarb	0.179	µg/L	ND	0.2	0.4	0.267	67		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Aldicarb	0.209	µg/L	DNQ	0.2	0.4	0.267	78.3		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Aldicarb	0.295	µg/L	DNQ	0.2	0.4	0.267	110		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Aldicarb	0.295	µg/L	DNQ	0.2	0.4	0.267	110		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Aldicarb	0.322	µg/L	DNQ	0.2	0.4	0.267	121	8.8	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Aldicarb	0.322	µg/L	DNQ	0.2	0.4	0.267	121	8.8	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Aldicarb	0.177	µg/L	ND	0.2	0.4	0.267	66.3		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Aldicarb	0.154	µg/L	ND	0.2	0.4	0.267	57.7	13.9	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Aldicarb	0.202	µg/L	DNQ	0.2	0.4	0.267	75.7		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Aldicarb	0.181	µg/L	ND	0.2	0.4	0.267	67.8	11	None - No QA Qualifier	RPD ≤ 25; PR 44-132

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Aldicarb	0.155	µg/L	ND	0.2	0.4	0.267	58.1		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Aldicarb	0.13	µg/L	ND	0.2	0.4	0.267	48.7	17.5	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Aldicarb	0.237	µg/L	DNQ	0.2	0.4	0.267	88.8		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Aldicarb	0.263	µg/L	DNQ	0.2	0.4	0.267	98.5	10.4	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Aldicarb	0.187	µg/L	ND	0.2	0.4	0.267	70		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Aldicarb	0.211	µg/L	DNQ	0.2	0.4	0.267	79	12.1	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Aldicarb	0.205	µg/L	DNQ	0.2	0.4	0.267	76.8		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Aldicarb	0.155	µg/L	ND	0.2	0.4	0.267	58.1		None - No QA Qualifier	PR 44-132
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Aldicarb	0.161	µg/L	ND	0.2	0.4	0.267	60.3	3.8	None - No QA Qualifier	RPD ≤ 25; PR 44-132
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Aldicarb	0.156	µg/L	ND	0.2	0.4	0.267	58.4		Surrogate recovery is outside of control limits	PR 44-132
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Aldicarb	0.156	µg/L	ND	0.2	0.4	0.267	58.4		Surrogate recovery is outside of control limits	PR 44-132
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 619	Atrazine	0.396	µg/L		0.067	0.5	0.5	79.2		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 619	Atrazine	0.4	µg/L		0.067	0.5	0.5	80	1	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Atrazine	0.337	µg/L		0.067	0.5	0.5	67.4		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Atrazine	0.337	µg/L		0.067	0.5	0.5	67.4		None - No QA Qualifier	PR 39-156

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Atrazine	0.337	µg/L		0.067	0.5	0.5	67.4		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Atrazine	0.335	µg/L		0.067	0.5	0.5	67	0.6	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Atrazine	0.335	µg/L		0.067	0.5	0.5	67	0.6	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Atrazine	0.335	µg/L		0.067	0.5	0.5	67	0.6	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 619	Atrazine	0.441	µg/L		0.067	0.5	0.5	88.2		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 619	Atrazine	0.458	µg/L		0.067	0.5	0.5	91.6	3.8	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Atrazine	0.343	µg/L		0.067	0.5	0.5	68.6		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Atrazine	0.343	µg/L		0.067	0.5	0.5	68.6		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Atrazine	0.456	µg/L		0.067	0.5	0.5	91.2	28.3	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Atrazine	0.456	µg/L		0.067	0.5	0.5	91.2	28.3	RPD exceeds laboratory control limit	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 619	Atrazine	14	µg/L		0.067	0.5	12.5	112		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 619	Atrazine	13.8	µg/L		0.067	0.5	12.5	110	1.4	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 619	Atrazine	18.1	µg/L		0.067	0.5	12.5	145		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 619	Atrazine	20.9	µg/L		0.067	0.5	12.5	167	14.4	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 619	Atrazine	8.68	µg/L		0.067	0.5	12.5	69.4		None - No QA Qualifier	PR 39-156

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 619	Atrazine	12.7	µg/L		0.067	0.5	12.5	102	37.6	RPD exceeds laboratory control limit	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Atrazine	13.9	µg/L		0.067	0.5	12.5	111		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Atrazine	13.9	µg/L		0.067	0.5	12.5	111		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Atrazine	12.5	µg/L		0.067	0.5	12.5	100		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 619	Atrazine	13.3	µg/L		0.067	0.5	12.5	106	6.2	None - No QA Qualifier	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 619	Atrazine	11.7	µg/L		0.067	0.5	12.5	93.6		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 619	Atrazine	12.6	µg/L		0.067	0.5	12.5	101		None - No QA Qualifier	PR 39-156
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 619	Atrazine	12.1	µg/L		0.067	0.5	12.5	96.8		RPD exceeds laboratory control limit	PR 39-156
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 619	Atrazine	15.8	µg/L		0.067	0.5	12.5	126	26.5	RPD exceeds laboratory control limit	RPD ≤ 25; PR 39-156
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Azinphos methyl	0.411	µg/L		0.0215	0.1	0.5	82.2		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Azinphos methyl	0.403	µg/L		0.0215	0.1	0.5	80.6	2	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	0.492	µg/L		0.0215	0.1	0.5	98.4		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	0.492	µg/L		0.0215	0.1	0.5	98.4		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	0.492	µg/L		0.0215	0.1	0.5	98.4		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	0.595	µg/L		0.0215	0.1	0.5	119	19	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	0.595	µg/L		0.0215	0.1	0.5	119	19	None - No QA Qualifier	RPD ≤ 25; PR 36-189

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Azinphos methyl	0.595	µg/L		0.0215	0.1	0.5	119	19	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Azinphos methyl	0.635	µg/L		0.0215	0.1	0.5	127		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Azinphos methyl	0.667	µg/L		0.0215	0.1	0.5	133	4.9	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Azinphos methyl	0.471	µg/L		0.0215	0.1	0.5	94.2		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Azinphos methyl	0.471	µg/L		0.0215	0.1	0.5	94.2		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Azinphos methyl	0.497	µg/L		0.0215	0.1	0.5	99.4	5.4	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Azinphos methyl	0.497	µg/L		0.0215	0.1	0.5	99.4	5.4	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Azinphos methyl	0.475	µg/L		0.0215	0.1	0.5	95		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Azinphos methyl	0.495	µg/L		0.0215	0.1	0.5	99	4.1	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Azinphos methyl	0.484	µg/L		0.0215	0.1	1	48.4		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Azinphos methyl	0.445	µg/L		0.0215	0.1	1	44.5	8.4	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Azinphos methyl	0.403	µg/L		0.0215	0.1	1	40.3		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Azinphos methyl	0.336	µg/L		0.0215	0.1	1	33.6	18.1	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Azinphos methyl	0.426	µg/L		0.0215	0.1	1	42.6		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Azinphos methyl	0.513	µg/L		0.0215	0.1	1	51.3		None - No QA Qualifier	PR 36-189

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Azinphos methyl	0.426	µg/L		0.0215	0.1	1	42.6		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Azinphos methyl	0.543	µg/L		0.0215	0.1	1	54.3	5.7	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Azinphos methyl	0.373	µg/L		0.0215	0.1	1	37.3		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Azinphos methyl	0.452	µg/L		0.0215	0.1	1	45.2		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Azinphos methyl	0.534	µg/L		0.0215	0.1	1	53.4		None - No QA Qualifier	PR 36-189
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Azinphos methyl	0.564	µg/L		0.0215	0.1	1	56.4	5.5	None - No QA Qualifier	RPD ≤ 25; PR 36-189
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Bifenthrin	0.181	µg/L		0.006	0.02	0.2	90.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Bifenthrin	0.179	µg/L		0.006	0.02	0.2	89.5	1.1	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Bifenthrin	0.166	µg/L		0.006	0.02	0.2	83		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Bifenthrin	0.166	µg/L		0.006	0.02	0.2	83		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Bifenthrin	0.166	µg/L		0.006	0.02	0.2	83		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Bifenthrin	0.165	µg/L		0.006	0.02	0.2	82.5	0.6	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Bifenthrin	0.165	µg/L		0.006	0.02	0.2	82.5	0.6	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Bifenthrin	0.165	µg/L		0.006	0.02	0.2	82.5	0.6	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Bifenthrin	1.52	µg/L		0.006	0.02	2	76		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Bifenthrin	1.68	µg/L		0.006	0.02	2	84	10	None - No QA Qualifier	RPD ≤ 25; PR 52-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Bifenthrin	1.47	µg/L		0.006	0.02	2	73.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Bifenthrin	1.47	µg/L		0.006	0.02	2	73.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Bifenthrin	1.72	µg/L		0.006	0.02	2	86	15.7	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Bifenthrin	1.72	µg/L		0.006	0.02	2	86	15.7	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Bifenthrin	1.49	µg/L		0.006	0.02	2	74.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Bifenthrin	1.57	µg/L		0.006	0.02	2	78.5	5.2	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Bifenthrin	1.36	µg/L		0.006	0.02	2	68		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Bifenthrin	1.27	µg/L		0.006	0.02	2	63.5	6.8	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Bifenthrin	0.167	µg/L		0.006	0.02	0.2	83.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Bifenthrin	0.173	µg/L		0.006	0.02	0.2	86.5	3.5	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Bifenthrin	0.188	µg/L		0.006	0.02	0.2	94		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Bifenthrin	0.173	µg/L		0.006	0.02	0.2	86.5	8.3	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Bifenthrin	1.57	µg/L		0.006	0.02	2	78.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Bifenthrin	1.39	µg/L		0.006	0.02	2	69.5		RPD exceeds laboratory control limit	PR 52-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Bifenthrin	1.57	µg/L		0.006	0.02	2	78.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Bifenthrin	1.05	µg/L		0.006	0.02	2	52.5	27.9	RPD exceeds laboratory control limit	RPD ≤ 25; PR 52-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Bifenthrin	0.261	µg/L		0.006	0.02	0.3	87		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Bifenthrin	0.244	µg/L		0.006	0.02	0.3	81.3		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Bifenthrin	0.213	µg/L		0.006	0.02	0.3	71		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Bifenthrin	0.211	µg/L		0.006	0.02	0.3	70.3	0.94	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Carbaryl	0.297	µg/L		0.05	0.07	0.267	111		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Carbaryl	0.263	µg/L		0.05	0.07	0.267	98.5	12.1	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Carbaryl	0.294	µg/L		0.05	0.07	0.267	110		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Carbaryl	0.294	µg/L		0.05	0.07	0.267	110		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Carbaryl	0.294	µg/L	DNQ	0.05	0.07	0.267	110		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Carbaryl	0.299	µg/L		0.05	0.07	0.267	112	1.7	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Carbaryl	0.299	µg/L		0.05	0.07	0.267	112	1.7	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Carbaryl	0.299	µg/L		0.05	0.07	0.267	112	1.7	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Carbaryl	0.251	µg/L		0.05	0.07	0.267	94		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Carbaryl	0.228	µg/L		0.05	0.07	0.267	85.4	9.6	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Carbaryl	0.196	µg/L		0.05	0.07	0.267	73.4		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Carbaryl	0.243	µg/L		0.05	0.07	0.267	91		None - No QA Qualifier	PR 68-112

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Carbaryl	0.298	µg/L		0.05	0.07	0.267	112		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Carbaryl	0.298	µg/L		0.05	0.07	0.267	112		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Carbaryl	0.285	µg/L		0.05	0.07	0.267	107	4.5	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Carbaryl	0.285	µg/L		0.05	0.07	0.267	107	4.5	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Carbaryl	0.182	µg/L		0.05	0.07	0.267	68.2		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Carbaryl	0.208	µg/L		0.05	0.07	0.267	77.9	13.3	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Carbaryl	0.298	µg/L		0.05	0.07	0.267	112		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Carbaryl	0.258	µg/L		0.05	0.07	0.267	96.6	14.4	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Carbaryl	0.198	µg/L		0.05	0.07	0.267	74.2		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Carbaryl	0.204	µg/L		0.05	0.07	0.267	76.4	3	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Carbaryl	0.264	µg/L		0.05	0.07	0.267	98.9		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Carbaryl	0.214	µg/L		0.05	0.07	0.267	80.1	20.9	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Carbaryl	0.191	µg/L		0.05	0.07	0.267	71.5		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Carbaryl	0.238	µg/L		0.05	0.07	0.267	89.1	21.9	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Carbaryl	0.258	µg/L		0.05	0.07	0.267	96.6		None - No QA Qualifier	PR 68-112
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Carbaryl	0.182	µg/L		0.05	0.07	0.267	68.2		None - No QA Qualifier	PR 68-112

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Carbaryl	0.173	µg/L		0.05	0.07	0.267	64.8	5.1	None - No QA Qualifier	RPD ≤ 25; PR 68-112
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Carbaryl	0.181	µg/L		0.05	0.07	0.267	67.8		Surrogate recovery is outside of control limits	PR 68-112
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Carbaryl	0.181	µg/L		0.05	0.07	0.267	67.8		Surrogate recovery is outside of control limits	PR 68-112
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Carbofuran	0.263	µg/L		0.05	0.07	0.267	98.5		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Carbofuran	0.313	µg/L		0.05	0.07	0.267	117	17.4	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Carbofuran	0.242	µg/L		0.05	0.07	0.267	90.6		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Carbofuran	0.242	µg/L		0.05	0.07	0.267	90.6		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Carbofuran	0.242	µg/L	DNQ	0.05	0.07	0.267	90.6		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Carbofuran	0.25	µg/L		0.05	0.07	0.267	93.6	3.3	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Carbofuran	0.25	µg/L		0.05	0.07	0.267	93.6	3.3	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Carbofuran	0.25	µg/L		0.05	0.07	0.267	93.6	3.3	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Carbofuran	0.254	µg/L		0.05	0.07	0.267	95.1		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Carbofuran	0.248	µg/L		0.05	0.07	0.267	92.9	2.4	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Carbofuran	0.216	µg/L		0.05	0.07	0.267	80.9		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Carbofuran	0.216	µg/L		0.05	0.07	0.267	80.9		None - No QA Qualifier	PR 54-155

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Carbofuran	0.288	µg/L		0.05	0.07	0.267	108		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Carbofuran	0.288	µg/L		0.05	0.07	0.267	108		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Carbofuran	0.271	µg/L		0.05	0.07	0.267	101	6.1	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Carbofuran	0.271	µg/L		0.05	0.07	0.267	101	6.1	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Carbofuran	0.183	µg/L		0.05	0.07	0.267	68.5		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Carbofuran	0.184	µg/L		0.05	0.07	0.267	68.9	0.54	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Carbofuran	0.229	µg/L		0.05	0.07	0.267	85.8		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Carbofuran	0.227	µg/L		0.05	0.07	0.267	85	0.88	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Carbofuran	0.193	µg/L		0.05	0.07	0.267	72.3		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Carbofuran	0.206	µg/L		0.05	0.07	0.267	77.2	6.5	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Carbofuran	0.258	µg/L		0.05	0.07	0.267	96.6		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Carbofuran	0.222	µg/L		0.05	0.07	0.267	83.1	15	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Carbofuran	0.233	µg/L		0.05	0.07	0.267	87.3		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Carbofuran	0.241	µg/L		0.05	0.07	0.267	90.3	3.4	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Carbofuran	0.237	µg/L		0.05	0.07	0.267	88.8		None - No QA Qualifier	PR 54-155
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Carbofuran	0.208	µg/L		0.05	0.07	0.267	77.9		None - No QA Qualifier	PR 54-155

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Carbofuran	0.206	µg/L		0.05	0.07	0.267	77.2	0.97	None - No QA Qualifier	RPD ≤ 25; PR 54-155
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Carbofuran	0.199	µg/L		0.05	0.07	0.267	74.5		Surrogate recovery is outside of control limits	PR 54-155
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Carbofuran	0.199	µg/L		0.05	0.07	0.267	74.5		Surrogate recovery is outside of control limits	PR 54-155
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Chlorpyrifos	0.459	µg/L		0.0026	0.02	0.5	91.8		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Chlorpyrifos	0.456	µg/L		0.0026	0.02	0.5	91.2	0.66	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	0.481	µg/L		0.0026	0.02	0.5	96.2		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	0.481	µg/L		0.0026	0.02	0.5	96.2		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	0.481	µg/L		0.0026	0.02	0.5	96.2		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	0.521	µg/L		0.0026	0.02	0.5	104	8	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	0.521	µg/L		0.0026	0.02	0.5	104	8	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Chlorpyrifos	0.521	µg/L		0.0026	0.02	0.5	104	8	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Chlorpyrifos	0.599	µg/L		0.0026	0.02	0.5	120		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Chlorpyrifos	0.672	µg/L		0.0026	0.02	0.5	134	11.5	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Chlorpyrifos	0.559	µg/L		0.0026	0.02	0.5	112		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Chlorpyrifos	0.559	µg/L		0.0026	0.02	0.5	112		None - No QA Qualifier	PR 61-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Chlorpyrifos	0.574	µg/L		0.0026	0.02	0.5	115	2.6	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Chlorpyrifos	0.574	µg/L		0.0026	0.02	0.5	115	2.6	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Chlorpyrifos	0.531	µg/L		0.0026	0.02	0.5	106		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Chlorpyrifos	0.543	µg/L		0.0026	0.02	0.5	109	2.2	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Chlorpyrifos	0.578	µg/L		0.0026	0.02	0.5	116		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Chlorpyrifos	0.512	µg/L		0.0026	0.02	0.5	102	12.1	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Chlorpyrifos	0.505	µg/L		0.0026	0.02	0.5	101		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Chlorpyrifos	0.393	µg/L		0.0026	0.02	0.5	78.6	24.9	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Chlorpyrifos	0.466	µg/L		0.0026	0.02	0.5	93.2		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Chlorpyrifos	0.576	µg/L		0.0026	0.02	0.5	115		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Chlorpyrifos	0.466	µg/L		0.0026	0.02	0.5	93.2		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Chlorpyrifos	0.585	µg/L		0.0026	0.02	0.5	117	1.6	None - No QA Qualifier	RPD ≤ 25; PR 61-125
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Chlorpyrifos	0.449	µg/L		0.0026	0.02	0.5	89.8		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Chlorpyrifos	0.48	µg/L		0.0026	0.02	0.5	96		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Chlorpyrifos	0.419	µg/L		0.0026	0.02	0.5	83.8		None - No QA Qualifier	PR 61-125
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Chlorpyrifos	0.474	µg/L		0.0026	0.02	0.5	94.8	12.3	None - No QA Qualifier	RPD ≤ 25; PR 61-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 619	Cyanazine	0.411	µg/L		0.086	0.5	0.5	82.2		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 619	Cyanazine	0.409	µg/L		0.086	0.5	0.5	81.8	0.49	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Cyanazine	0.365	µg/L		0.086	0.5	0.5	73		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Cyanazine	0.365	µg/L		0.086	0.5	0.5	73		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Cyanazine	0.365	µg/L		0.086	0.5	0.5	73		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Cyanazine	0.348	µg/L		0.086	0.5	0.5	69.6	4.8	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Cyanazine	0.348	µg/L		0.086	0.5	0.5	69.6	4.8	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Cyanazine	0.348	µg/L		0.086	0.5	0.5	69.6	4.8	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 619	Cyanazine	0.418	µg/L		0.086	0.5	0.5	83.6		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 619	Cyanazine	0.5	µg/L		0.086	0.5	0.5	100	17.9	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Cyanazine	0.378	µg/L		0.086	0.5	0.5	75.6		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Cyanazine	0.378	µg/L		0.086	0.5	0.5	75.6		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Cyanazine	0.526	µg/L		0.086	0.5	0.5	105	32.7	RPD exceeds laboratory control limit	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Cyanazine	0.526	µg/L		0.086	0.5	0.5	105	32.7	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 619	Cyanazine	15.9	µg/L		0.086	0.5	12.5	127		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 619	Cyanazine	16.7	µg/L		0.086	0.5	12.5	134	4.9	None - No QA Qualifier	RPD ≤ 25; PR 22-172

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 619	Cyanazine	22.8	µg/L		0.086	0.5	12.5	182		Spike analyte recovery is outside stated control limits	PR 22-172
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 619	Cyanazine	26.4	µg/L		0.086	0.5	12.5	211	14.6	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 619	Cyanazine	7	µg/L		0.086	0.5	12.5	56		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 619	Cyanazine	10.8	µg/L		0.086	0.5	12.5	86.4	42.7	RPD exceeds laboratory control limit	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Cyanazine	14.6	µg/L		0.086	0.5	12.5	117		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Cyanazine	14.4	µg/L		0.086	0.5	12.5	115		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Cyanazine	14.4	µg/L		0.086	0.5	12.5	115		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 619	Cyanazine	15.8	µg/L		0.086	0.5	12.5	126	7.9	None - No QA Qualifier	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 619	Cyanazine	15.9	µg/L		0.086	0.5	12.5	127		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 619	Cyanazine	12.4	µg/L		0.086	0.5	12.5	99.2		None - No QA Qualifier	PR 22-172
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 619	Cyanazine	12.2	µg/L		0.086	0.5	12.5	97.6		RPD exceeds laboratory control limit	PR 22-172
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 619	Cyanazine	16.6	µg/L		0.086	0.5	12.5	133	30.6	RPD exceeds laboratory control limit	RPD ≤ 25; PR 22-172
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Cyfluthrin, total	0.179	µg/L		0.003	0.03	0.2	89.5		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Cyfluthrin, total	0.179	µg/L		0.003	0.03	0.2	89.5	0	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	0.176	µg/L		0.003	0.03	0.2	88		None - No QA Qualifier	PR 53-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	0.176	µg/L		0.003	0.03	0.2	88		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	0.176	µg/L		0.003	0.03	0.2	88		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	0.174	µg/L		0.003	0.03	0.2	87	1.1	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	0.174	µg/L		0.003	0.03	0.2	87	1.1	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cyfluthrin, total	0.174	µg/L		0.003	0.03	0.2	87	1.1	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Cyfluthrin, total	2.06	µg/L		0.003	0.03	2	103		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Cyfluthrin, total	2.16	µg/L		0.003	0.03	2	108	4.7	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Cyfluthrin, total	1.94	µg/L		0.003	0.03	2	97		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Cyfluthrin, total	1.94	µg/L		0.003	0.03	2	97		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Cyfluthrin, total	2.32	µg/L		0.003	0.03	2	116	17.8	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Cyfluthrin, total	2.32	µg/L		0.003	0.03	2	116	17.8	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Cyfluthrin, total	2.16	µg/L		0.003	0.03	2	108		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Cyfluthrin, total	2.27	µg/L		0.003	0.03	2	114	5	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Cyfluthrin, total	1.88	µg/L		0.003	0.03	2	94		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Cyfluthrin, total	1.85	µg/L		0.003	0.03	2	92.5	1.6	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Cyfluthrin, total	0.183	µg/L		0.003	0.03	0.2	91.5		None - No QA Qualifier	PR 53-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Cyfluthrin, total	0.184	µg/L		0.003	0.03	0.2	92	0.54	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Cyfluthrin, total	0.202	µg/L		0.003	0.03	0.2	101		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Cyfluthrin, total	0.187	µg/L		0.003	0.03	0.2	93.5	7.7	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cyfluthrin, total	2.21	µg/L		0.003	0.03	2	111		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cyfluthrin, total	1.96	µg/L		0.003	0.03	2	98		RPD exceeds laboratory control limit	PR 53-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cyfluthrin, total	2.21	µg/L		0.003	0.03	2	111		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Cyfluthrin, total	1.5	µg/L		0.003	0.03	2	75	26.6	RPD exceeds laboratory control limit	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Cyfluthrin, total	0.32	µg/L		0.003	0.03	0.3	107		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Cyfluthrin, total	0.285	µg/L		0.003	0.03	0.3	95		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Cyfluthrin, total	0.259	µg/L		0.003	0.03	0.3	86.3		None - No QA Qualifier	PR 53-125
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Cyfluthrin, total	0.255	µg/L		0.003	0.03	0.3	85	1.6	None - No QA Qualifier	RPD ≤ 25; PR 53-125
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.181	µg/L		0.001	0.02	0.2	90.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.178	µg/L		0.001	0.02	0.2	89	1.7	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.171	µg/L		0.001	0.02	0.2	85.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.171	µg/L		0.001	0.02	0.2	85.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.171	µg/L		0.001	0.02	0.2	85.5		None - No QA Qualifier	PR 62-104

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.167	µg/L		0.001	0.02	0.2	83.5	2.4	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.167	µg/L		0.001	0.02	0.2	83.5	2.4	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.167	µg/L		0.001	0.02	0.2	83.5	2.4	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.96	µg/L		0.001	0.02	2	98		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	2.06	µg/L		0.001	0.02	2	103	5	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.9	µg/L		0.001	0.02	2	95		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.9	µg/L		0.001	0.02	2	95		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	2.23	µg/L		0.001	0.02	2	112	16	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	2.23	µg/L		0.001	0.02	2	112	16	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.97	µg/L		0.001	0.02	2	98.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	2.08	µg/L		0.001	0.02	2	104	5.4	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.73	µg/L		0.001	0.02	2	86.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.7	µg/L		0.001	0.02	2	85	1.7	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.183	µg/L		0.001	0.02	0.2	91.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.186	µg/L		0.001	0.02	0.2	93	1.6	None - No QA Qualifier	RPD ≤ 25; PR 62-104

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.202	µg/L		0.001	0.02	0.2	101		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.186	µg/L		0.001	0.02	0.2	93	8.2	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.97	µg/L		0.001	0.02	2	98.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	2	µg/L		0.001	0.02	2	100		RPD exceeds laboratory control limit	PR 62-104
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.97	µg/L		0.001	0.02	2	98.5		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	1.47	µg/L		0.001	0.02	2	73.5	30.5	RPD exceeds laboratory control limit	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.301	µg/L		0.001	0.02	0.3	100		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.273	µg/L		0.001	0.02	0.3	91		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.238	µg/L		0.001	0.02	0.3	79.3		None - No QA Qualifier	PR 62-104
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Cyhalothrin, lambda, total	0.232	µg/L		0.001	0.02	0.3	77.3	2.6	None - No QA Qualifier	RPD ≤ 25; PR 62-104
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Cypermethrin, total	0.903	µg/L		0.004	0.05	1	90.3		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Cypermethrin, total	0.91	µg/L		0.004	0.05	1	91	0.77	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	0.883	µg/L		0.004	0.05	1	88.3		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	0.883	µg/L		0.004	0.05	1	88.3		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	0.883	µg/L		0.004	0.05	1	88.3		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	0.881	µg/L		0.004	0.05	1	88.1	0.23	None - No QA Qualifier	RPD ≤ 25; PR 55-107

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	0.881	µg/L		0.004	0.05	1	88.1	0.23	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Cypermethrin, total	0.881	µg/L		0.004	0.05	1	88.1	0.23	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Cypermethrin, total	9.66	µg/L		0.004	0.05	10	96.6		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Cypermethrin, total	10	µg/L		0.004	0.05	10	100	3.5	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Cypermethrin, total	9.08	µg/L		0.004	0.05	10	90.8		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Cypermethrin, total	9.08	µg/L		0.004	0.05	10	90.8		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Cypermethrin, total	10.5	µg/L		0.004	0.05	10	105	14.5	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Cypermethrin, total	10.5	µg/L		0.004	0.05	10	105	14.5	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Cypermethrin, total	9.56	µg/L		0.004	0.05	10	95.6		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Cypermethrin, total	9.87	µg/L		0.004	0.05	10	98.7	3.2	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Cypermethrin, total	8.5	µg/L		0.004	0.05	10	85		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Cypermethrin, total	8.19	µg/L		0.004	0.05	10	81.9	3.7	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Cypermethrin, total	0.892	µg/L		0.004	0.05	1	89.2		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Cypermethrin, total	0.894	µg/L		0.004	0.05	1	89.4	0.22	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Cypermethrin, total	1.01	µg/L		0.004	0.05	1	101		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Cypermethrin, total	0.915	µg/L		0.004	0.05	1	91.5	9.9	None - No QA Qualifier	RPD ≤ 25; PR 55-107

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cypermethrin, total	9.4	µg/L		0.004	0.05	10	94		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cypermethrin, total	9.4	µg/L		0.004	0.05	10	94		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Cypermethrin, total	9.63	µg/L		0.004	0.05	10	96.3		RPD exceeds laboratory control limit	PR 55-107
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Cypermethrin, total	7.14	µg/L		0.004	0.05	10	71.4	29.7	RPD exceeds laboratory control limit	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Cypermethrin, total	1.43	µg/L		0.004	0.05	1.5	95.3		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Cypermethrin, total	1.34	µg/L		0.004	0.05	1.5	89.3		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Cypermethrin, total	1.29	µg/L		0.004	0.05	1.5	86		None - No QA Qualifier	PR 55-107
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Cypermethrin, total	1.22	µg/L		0.004	0.05	1.5	81.3	5.6	None - No QA Qualifier	RPD ≤ 25; PR 55-107
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	DDD (p,p')	0.28	µg/L		0.003	0.01	0.3	93.3		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	DDD (p,p')	0.295	µg/L		0.003	0.01	0.3	98.3	5.2	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	0.274	µg/L		0.003	0.01	0.3	91.3		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	0.274	µg/L		0.003	0.01	0.3	91.3		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	0.274	µg/L		0.003	0.01	0.3	91.3		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	0.306	µg/L		0.003	0.01	0.3	102	11	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	0.306	µg/L		0.003	0.01	0.3	102	11	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDD (p,p')	0.306	µg/L		0.003	0.01	0.3	102	11	None - No QA Qualifier	RPD ≤ 25; PR 38-135

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	DDD (p,p')	0.259	µg/L		0.003	0.01	0.3	86.3		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	DDD (p,p')	0.284	µg/L		0.003	0.01	0.3	94.7	9.2	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	DDD (p,p')	0.291	µg/L		0.003	0.01	0.3	97		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	DDD (p,p')	0.291	µg/L		0.003	0.01	0.3	97		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	DDD (p,p')	0.335	µg/L		0.003	0.01	0.3	112	14.1	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	DDD (p,p')	0.335	µg/L		0.003	0.01	0.3	112	14.1	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	DDD (p,p')	0.284	µg/L		0.003	0.01	0.3	94.7		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	DDD (p,p')	0.292	µg/L		0.003	0.01	0.3	97.3	2.8	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	DDD (p,p')	0.301	µg/L		0.003	0.01	0.3	100		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	DDD (p,p')	0.324	µg/L		0.003	0.01	0.3	108	7.4	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	DDD (p,p')	0.324	µg/L		0.003	0.01	0.3	108		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	DDD (p,p')	0.322	µg/L		0.003	0.01	0.3	107	0.62	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	DDD (p,p')	0.336	µg/L		0.003	0.01	0.3	112		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	DDD (p,p')	0.362	µg/L		0.003	0.01	0.3	121	7.4	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDD (p,p')	0.282	µg/L		0.003	0.01	0.3	94		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDD (p,p')	0.283	µg/L		0.003	0.01	0.3	94.3		None - No QA Qualifier	PR 38-135

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDD (p,p')	0.282	µg/L		0.003	0.01	0.3	94		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	DDD (p,p')	0.256	µg/L		0.003	0.01	0.3	85.3	10	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	DDD (p,p')	0.309	µg/L		0.003	0.01	0.3	103		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	DDD (p,p')	0.236	µg/L		0.003	0.01	0.3	78.7		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	DDD (p,p')	0.242	µg/L		0.003	0.01	0.3	80.7		None - No QA Qualifier	PR 38-135
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	DDD (p,p')	0.23	µg/L		0.003	0.01	0.3	76.7	5.1	None - No QA Qualifier	RPD ≤ 25; PR 38-135
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	DDE (p,p')	0.249	µg/L		0.004	0.01	0.3	83		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	DDE (p,p')	0.27	µg/L		0.004	0.01	0.3	90	8.1	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	0.23	µg/L		0.004	0.01	0.3	76.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	0.23	µg/L		0.004	0.01	0.3	76.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	0.23	µg/L		0.004	0.01	0.3	76.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	0.253	µg/L		0.004	0.01	0.3	84.3	9.5	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	0.253	µg/L		0.004	0.01	0.3	84.3	9.5	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDE (p,p')	0.253	µg/L		0.004	0.01	0.3	84.3	9.5	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	DDE (p,p')	0.243	µg/L		0.004	0.01	0.3	81		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	DDE (p,p')	0.27	µg/L		0.004	0.01	0.3	90	10.5	None - No QA Qualifier	RPD ≤ 25; PR 21-134

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	DDE (p,p')	0.275	µg/L		0.004	0.01	0.3	91.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	DDE (p,p')	0.275	µg/L		0.004	0.01	0.3	91.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	DDE (p,p')	0.324	µg/L		0.004	0.01	0.3	108	16.4	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	DDE (p,p')	0.324	µg/L		0.004	0.01	0.3	108	16.4	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	DDE (p,p')	0.305	µg/L		0.004	0.01	0.3	102		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	DDE (p,p')	0.33	µg/L		0.004	0.01	0.3	110	7.9	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	DDE (p,p')	0.266	µg/L		0.004	0.01	0.3	88.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	DDE (p,p')	0.294	µg/L		0.004	0.01	0.3	98	10	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	DDE (p,p')	0.256	µg/L		0.004	0.01	0.3	85.3		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	DDE (p,p')	0.221	µg/L		0.004	0.01	0.3	73.7	14.7	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	DDE (p,p')	0.311	µg/L		0.004	0.01	0.3	104		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	DDE (p,p')	0.318	µg/L		0.004	0.01	0.3	106	2.2	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDE (p,p')	0.291	µg/L		0.004	0.01	0.3	97		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDE (p,p')	0.291	µg/L		0.004	0.01	0.3	97		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDE (p,p')	0.262	µg/L		0.004	0.01	0.3	87.3		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	DDE (p,p')	0.254	µg/L		0.004	0.01	0.3	84.7	3.1	None - No QA Qualifier	RPD ≤ 25; PR 21-134

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	DDE (p,p')	0.299	µg/L		0.004	0.01	0.3	99.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	DDE (p,p')	0.197	µg/L		0.004	0.01	0.3	65.7		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	DDE (p,p')	0.21	µg/L		0.004	0.01	0.3	70		None - No QA Qualifier	PR 21-134
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	DDE (p,p')	0.185	µg/L		0.004	0.01	0.3	61.7	12.7	None - No QA Qualifier	RPD ≤ 25; PR 21-134
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	DDT (p,p')	0.269	µg/L		0.007	0.01	0.3	89.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	DDT (p,p')	0.28	µg/L		0.007	0.01	0.3	93.3	4	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	0.254	µg/L		0.007	0.01	0.3	84.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	0.254	µg/L		0.007	0.01	0.3	84.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	0.254	µg/L		0.007	0.01	0.3	84.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	0.286	µg/L		0.007	0.01	0.3	95.3	11.9	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	0.286	µg/L		0.007	0.01	0.3	95.3	11.9	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	DDT (p,p')	0.286	µg/L		0.007	0.01	0.3	95.3	11.9	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	DDT (p,p')	0.264	µg/L		0.007	0.01	0.3	88		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	DDT (p,p')	0.289	µg/L		0.007	0.01	0.3	96.3	9	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	DDT (p,p')	0.278	µg/L		0.007	0.01	0.3	92.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	DDT (p,p')	0.278	µg/L		0.007	0.01	0.3	92.7		None - No QA Qualifier	PR 18-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	DDT (p,p')	0.324	µg/L		0.007	0.01	0.3	108	15.3	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	DDT (p,p')	0.324	µg/L		0.007	0.01	0.3	108	15.3	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	DDT (p,p')	0.34	µg/L		0.007	0.01	0.3	113		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	DDT (p,p')	0.377	µg/L		0.007	0.01	0.3	126	10.3	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	DDT (p,p')	0.273	µg/L		0.007	0.01	0.3	91		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	DDT (p,p')	0.318	µg/L		0.007	0.01	0.3	106	15.2	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	DDT (p,p')	0.301	µg/L		0.007	0.01	0.3	100		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	DDT (p,p')	0.279	µg/L		0.007	0.01	0.3	93	7.6	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	DDT (p,p')	0.315	µg/L		0.007	0.01	0.3	105		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	DDT (p,p')	0.345	µg/L		0.007	0.01	0.3	115	9.1	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDT (p,p')	0.321	µg/L		0.007	0.01	0.3	107		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDT (p,p')	0.26	µg/L		0.007	0.01	0.3	86.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	DDT (p,p')	0.26	µg/L		0.007	0.01	0.3	86.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	DDT (p,p')	0.292	µg/L		0.007	0.01	0.3	97.3	9.5	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	DDT (p,p')	0.292	µg/L		0.007	0.01	0.3	97.3		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	DDT (p,p')	0.214	µg/L		0.007	0.01	0.3	71.3		None - No QA Qualifier	PR 18-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	DDT (p,p')	0.224	µg/L		0.007	0.01	0.3	74.7		None - No QA Qualifier	PR 18-145
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	DDT (p,p')	0.22	µg/L		0.007	0.01	0.3	73.3	1.8	None - No QA Qualifier	RPD ≤ 25; PR 18-145
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	88.7	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	87.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	78.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	83.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	83.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	68.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	83.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	96	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	96	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	65.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	65.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	96	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	65.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	80.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	92	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	101	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	82	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	82	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	89	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	89	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	90.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	90.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	97.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	84.7	%		NA	NA	100			None - No QA Qualifier	PR 41-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	81.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	83	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	99.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	78.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	92	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	77.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	81	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	96.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	86.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	63	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	72	%		NA	NA	100			None - No QA Qualifier	PR 41-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	61.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	72	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	52	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	50	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	96.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	94.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	74.7	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	67.3	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	79.3	%		NA	NA	100			None - No QA Qualifier	PR 41-117
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	75.7	%		NA	NA	100			None - No QA Qualifier	PR 16-146
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	71.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 41-117
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Decachlorobiphenyl (Surrogate)	56	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 16-146
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Diazinon	0.448	µg/L		0.0035	0.02	0.5	89.6		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Diazinon	0.454	µg/L		0.0035	0.02	0.5	90.8	1.3	None - No QA Qualifier	RPD ≤ 25; PR 57-130

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Diazinon	0.476	µg/L		0.0035	0.02	0.5	95.2		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Diazinon	0.476	µg/L		0.0035	0.02	0.5	95.2		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Diazinon	0.476	µg/L		0.0035	0.02	0.5	95.2		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Diazinon	0.496	µg/L		0.0035	0.02	0.5	99.2	4.1	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Diazinon	0.496	µg/L		0.0035	0.02	0.5	99.2	4.1	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Diazinon	0.496	µg/L		0.0035	0.02	0.5	99.2	4.1	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Diazinon	0.602	µg/L		0.0035	0.02	0.5	120		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Diazinon	0.665	µg/L		0.0035	0.02	0.5	133	9.9	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Diazinon	0.529	µg/L		0.0035	0.02	0.5	106		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Diazinon	0.529	µg/L		0.0035	0.02	0.5	106		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Diazinon	0.56	µg/L		0.0035	0.02	0.5	112	5.7	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Diazinon	0.56	µg/L		0.0035	0.02	0.5	112	5.7	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Diazinon	0.487	µg/L		0.0035	0.02	0.5	97.4		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Diazinon	0.536	µg/L		0.0035	0.02	0.5	107	9.6	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Diazinon	0.547	µg/L		0.0035	0.02	0.5	109		None - No QA Qualifier	PR 57-130

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Diazinon	0.49	µg/L		0.0035	0.02	0.5	98	11	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Diazinon	0.509	µg/L		0.0035	0.02	0.5	102		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Diazinon	0.401	µg/L		0.0035	0.02	0.5	80.2	23.7	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Diazinon	0.443	µg/L		0.0035	0.02	0.5	88.6		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Diazinon	0.563	µg/L		0.0035	0.02	0.5	113		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Diazinon	0.443	µg/L		0.0035	0.02	0.5	88.6		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Diazinon	0.594	µg/L		0.0035	0.02	0.5	119	5.4	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Diazinon	0.452	µg/L		0.0035	0.02	0.5	90.4		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Diazinon	0.455	µg/L		0.0035	0.02	0.5	91		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Diazinon	0.421	µg/L		0.0035	0.02	0.5	84.2		None - No QA Qualifier	PR 57-130
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Diazinon	0.458	µg/L		0.0035	0.02	0.5	91.6	8.4	None - No QA Qualifier	RPD ≤ 25; PR 57-130
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Dicofol	0.207	µg/L		0.01	0.1	0.3	69		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Dicofol	0.218	µg/L		0.01	0.1	0.3	72.7	5.2	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Dicofol	0.211	µg/L		0.01	0.1	0.3	70.3		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Dicofol	0.211	µg/L		0.01	0.1	0.3	70.3		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Dicofol	0.211	µg/L		0.01	0.1	0.3	70.3		None - No QA Qualifier	PR 40-135

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Dicofol	0.279	µg/L		0.01	0.1	0.3	93	27.8	RPD exceeds laboratory control limit	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Dicofol	0.279	µg/L		0.01	0.1	0.3	93	27.8	RPD exceeds laboratory control limit	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Dicofol	0.279	µg/L		0.01	0.1	0.3	93	27.8	RPD exceeds laboratory control limit	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Dicofol	0.631	µg/L		0.01	0.1	1	63.1		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Dicofol	0.674	µg/L		0.01	0.1	1	67.4	6.6	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Dicofol	0.267	µg/L		0.01	0.1	0.3	89		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Dicofol	0.267	µg/L		0.01	0.1	0.3	89		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Dicofol	0.283	µg/L		0.01	0.1	0.3	94.3	5.8	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Dicofol	0.283	µg/L		0.01	0.1	0.3	94.3	5.8	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Dicofol	0.298	µg/L		0.01	0.1	0.3	99.3		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Dicofol	0.298	µg/L		0.01	0.1	0.3	99.3	0	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Dicofol	0.284	µg/L		0.01	0.1	0.3	94.7		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Dicofol	0.302	µg/L		0.01	0.1	0.3	101	6.1	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Dicofol	0.283	µg/L		0.01	0.1	0.3	94.3		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Dicofol	0.307	µg/L		0.01	0.1	0.3	102	8.1	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Dicofol	0.31	µg/L		0.01	0.1	0.3	103		None - No QA Qualifier	PR 40-135

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Dicofol	0.359	µg/L		0.01	0.1	0.3	120	14.6	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Dicofol	0.285	µg/L		0.01	0.1	0.3	95		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Dicofol	0.328	µg/L		0.01	0.1	0.3	109		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Dicofol	0.285	µg/L		0.01	0.1	0.3	95		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Dicofol	0.262	µg/L		0.01	0.1	0.3	87.3	22.4	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Dicofol	0.171	µg/L		0.01	0.1	0.2	85.5		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Dicofol	0.168	µg/L		0.01	0.1	0.2	84		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Dicofol	0.169	µg/L		0.01	0.1	0.2	84.5		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Dicofol	0.166	µg/L		0.01	0.1	0.2	83	1.8	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Dieldrin	0.276	µg/L		0.005	0.01	0.3	92		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Dieldrin	0.285	µg/L		0.005	0.01	0.3	95	3.2	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Dieldrin	0.275	µg/L		0.005	0.01	0.3	91.7		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Dieldrin	0.275	µg/L		0.005	0.01	0.3	91.7		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Dieldrin	0.275	µg/L		0.005	0.01	0.3	91.7		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Dieldrin	0.297	µg/L		0.005	0.01	0.3	99	7.7	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Dieldrin	0.297	µg/L		0.005	0.01	0.3	99	7.7	None - No QA Qualifier	RPD ≤ 25; PR 48-121

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Dieldrin	0.297	µg/L		0.005	0.01	0.3	99	7.7	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Dieldrin	0.272	µg/L		0.005	0.01	0.3	90.7		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Dieldrin	0.292	µg/L		0.005	0.01	0.3	97.3	7.1	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Dieldrin	0.271	µg/L		0.005	0.01	0.3	90.3		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Dieldrin	0.271	µg/L		0.005	0.01	0.3	90.3		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Dieldrin	0.321	µg/L		0.005	0.01	0.3	107	16.9	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Dieldrin	0.321	µg/L		0.005	0.01	0.3	107	16.9	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Dieldrin	0.328	µg/L		0.005	0.01	0.3	109		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Dieldrin	0.359	µg/L		0.005	0.01	0.3	120	9	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Dieldrin	0.304	µg/L		0.005	0.01	0.3	101		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Dieldrin	0.323	µg/L		0.005	0.01	0.3	108	6.1	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Dieldrin	0.314	µg/L		0.005	0.01	0.3	105		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Dieldrin	0.312	µg/L		0.005	0.01	0.3	104	0.64	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Dieldrin	0.334	µg/L		0.005	0.01	0.3	111		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Dieldrin	0.364	µg/L		0.005	0.01	0.3	121	8.6	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Dieldrin	0.292	µg/L		0.005	0.01	0.3	97.3		None - No QA Qualifier	PR 48-121

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Dieldrin	0.351	µg/L		0.005	0.01	0.3	117		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Dieldrin	0.292	µg/L		0.005	0.01	0.3	97.3		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Dieldrin	0.309	µg/L		0.005	0.01	0.3	103	12.7	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Dieldrin	0.318	µg/L		0.005	0.01	0.3	106		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Dieldrin	0.249	µg/L		0.005	0.01	0.3	83		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Dieldrin	0.239	µg/L		0.005	0.01	0.3	79.7		None - No QA Qualifier	PR 48-121
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Dieldrin	0.234	µg/L		0.005	0.01	0.3	78	2.1	None - No QA Qualifier	RPD ≤ 25; PR 48-121
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Dimethoate	0.493	µg/L		0.08	0.1	0.5	98.6		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Dimethoate	0.54	µg/L		0.08	0.1	0.5	108	9.1	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Dimethoate	0.585	µg/L		0.08	0.1	0.5	117		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Dimethoate	0.585	µg/L		0.08	0.1	0.5	117		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Dimethoate	0.585	µg/L		0.08	0.1	0.5	117		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Dimethoate	0.652	µg/L		0.08	0.1	0.5	130	10.8	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Dimethoate	0.652	µg/L		0.08	0.1	0.5	130	10.8	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Dimethoate	0.652	µg/L		0.08	0.1	0.5	130	10.8	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Dimethoate	0.749	µg/L		0.08	0.1	0.5	150		None - No QA Qualifier	PR 68-202

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Dimethoate	0.807	µg/L		0.08	0.1	0.5	161	7.5	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Dimethoate	0.56	µg/L		0.08	0.1	0.5	112		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Dimethoate	0.56	µg/L		0.08	0.1	0.5	112		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Dimethoate	0.614	µg/L		0.08	0.1	0.5	123	9.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Dimethoate	0.614	µg/L		0.08	0.1	0.5	123	9.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Dimethoate	0.602	µg/L		0.08	0.1	0.5	120		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Dimethoate	0.614	µg/L		0.08	0.1	0.5	123	2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Dimethoate	0.861	µg/L		0.08	0.1	0.5	172		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Dimethoate	0.758	µg/L		0.08	0.1	0.5	152	12.7	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Dimethoate	0.483	µg/L		0.08	0.1	0.5	96.6		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Dimethoate	0.44	µg/L		0.08	0.1	0.5	88	9.3	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Dimethoate	0.793	µg/L		0.08	0.1	0.5	159		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Dimethoate	0.59	µg/L		0.08	0.1	0.5	118		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Dimethoate	0.59	µg/L		0.08	0.1	0.5	118		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Dimethoate	0.836	µg/L		0.08	0.1	0.5	167	5.3	None - No QA Qualifier	RPD ≤ 25; PR 68-202

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Dimethoate	0.625	µg/L		0.08	0.1	0.5	125		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Dimethoate	0.578	µg/L		0.08	0.1	0.5	116		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Dimethoate	0.69	µg/L		0.08	0.1	0.5	138		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Dimethoate	0.754	µg/L		0.08	0.1	0.5	151	8.9	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Disulfoton	0.28	µg/L		0.02	0.1	0.5	56		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Disulfoton	0.292	µg/L		0.02	0.1	0.5	58.4	4.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Disulfoton	0.282	µg/L		0.02	0.1	0.5	56.4		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Disulfoton	0.282	µg/L		0.02	0.1	0.5	56.4		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Disulfoton	0.282	µg/L		0.02	0.1	0.5	56.4		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Disulfoton	0.306	µg/L		0.02	0.1	0.5	61.2	8.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Disulfoton	0.306	µg/L		0.02	0.1	0.5	61.2	8.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Disulfoton	0.306	µg/L		0.02	0.1	0.5	61.2	8.2	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Disulfoton	0.537	µg/L		0.02	0.1	0.5	107		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Disulfoton	0.512	µg/L		0.02	0.1	0.5	102	4.8	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Disulfoton	0.19	µg/L		0.02	0.1	0.5	38		Spike analyte recovery is outside stated control limits	PR 68-202

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Disulfoton	0.19	µg/L		0.02	0.1	0.5	38		Spike analyte recovery is outside stated control limits	PR 68-202
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Disulfoton	0.154	µg/L		0.02	0.1	0.5	30.8	20.9	Spike analyte recovery is outside stated control limits, RPD exceeds laboratory control limit	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Disulfoton	0.154	µg/L		0.02	0.1	0.5	30.8	20.9	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Disulfoton	0.388	µg/L		0.02	0.1	0.5	77.6		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Disulfoton	0.406	µg/L		0.02	0.1	0.5	81.2	4.5	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Disulfoton	0.341	µg/L		0.02	0.1	0.5	68.2		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Disulfoton	0.375	µg/L		0.02	0.1	0.5	75	9.5	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Disulfoton	0.265	µg/L		0.02	0.1	0.5	53		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Disulfoton	0.309	µg/L		0.02	0.1	0.5	61.8	15.3	None - No QA Qualifier	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Disulfoton	0.295	µg/L		0.02	0.1	0.5	59		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Disulfoton	0.438	µg/L		0.02	0.1	0.5	87.6		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Disulfoton	0.295	µg/L		0.02	0.1	0.5	59		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Disulfoton	0.384	µg/L		0.02	0.1	0.5	76.8	13.1	None - No QA Qualifier	RPD ≤ 25; PR 68-202

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Disulfoton	0.172	µg/L		0.02	0.1	0.5	34.4		Spike analyte recovery is outside stated control limits	PR 68-202
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Disulfoton	0.343	µg/L		0.02	0.1	0.5	68.6		None - No QA Qualifier	PR 68-202
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Disulfoton	0.178	µg/L		0.02	0.1	0.5	35.6		Spike analyte recovery is outside stated control limits	PR 68-202
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Disulfoton	0.162	µg/L		0.02	0.1	0.5	32.4	9.4	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 68-202
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Diuron	0.591	µg/L		0.2	0.4	0.533	111		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Diuron	0.566	µg/L		0.2	0.4	0.533	106	4.3	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Diuron	0.446	µg/L		0.2	0.4	0.533	83.7		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Diuron	0.446	µg/L		0.2	0.4	0.533	83.7		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Diuron	0.446	µg/L		0.2	0.4	0.533	83.7		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Diuron	0.428	µg/L		0.2	0.4	0.533	80.3	4.1	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Diuron	0.428	µg/L		0.2	0.4	0.533	80.3	4.1	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Diuron	0.428	µg/L		0.2	0.4	0.533	80.3	4.1	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Diuron	0.456	µg/L		0.2	0.4	0.533	85.6		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Diuron	0.532	µg/L		0.2	0.4	0.533	99.8	15.4	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Diuron	0.493	µg/L		0.2	0.4	0.533	92.5		None - No QA Qualifier	PR 72-124

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Diuron	0.438	µg/L		0.2	0.4	0.533	82.2		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Diuron	0.536	µg/L		0.2	0.4	0.533	101		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Diuron	0.536	µg/L		0.2	0.4	0.533	101		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Diuron	0.603	µg/L		0.2	0.4	0.533	113	11.8	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Diuron	0.603	µg/L		0.2	0.4	0.533	113	11.8	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Diuron	0.435	µg/L		0.2	0.4	0.533	81.6		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Diuron	0.45	µg/L		0.2	0.4	0.533	84.4	3.4	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Diuron	0.549	µg/L		0.2	0.4	0.533	103		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Diuron	0.615	µg/L		0.2	0.4	0.533	115	11.3	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Diuron	0.352	µg/L		0.2	0.4	0.533	66		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Diuron	0.391	µg/L		0.2	0.4	0.533	73.4	10.5	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Diuron	0.501	µg/L		0.2	0.4	0.533	94		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Diuron	0.429	µg/L		0.2	0.4	0.533	80.5	15.5	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Diuron	0.462	µg/L		0.2	0.4	0.533	86.7		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Diuron	0.456	µg/L		0.2	0.4	0.533	85.6	1.3	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Diuron	0.459	µg/L		0.2	0.4	0.533	86.1		None - No QA Qualifier	PR 72-124

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Diuron	0.412	µg/L		0.2	0.4	0.533	77.3		None - No QA Qualifier	PR 72-124
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Diuron	0.413	µg/L		0.2	0.4	0.533	77.5	0.24	None - No QA Qualifier	RPD ≤ 25; PR 72-124
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Diuron	0.418	µg/L		0.2	0.4	0.533	78.4		Surrogate recovery is outside of control limits	PR 72-124
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Diuron	0.418	µg/L		0.2	0.4	0.533	78.4		Surrogate recovery is outside of control limits	PR 72-124
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Endrin	0.293	µg/L		0.007	0.01	0.3	97.7		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Endrin	0.298	µg/L		0.007	0.01	0.3	99.3	1.7	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Endrin	0.273	µg/L		0.007	0.01	0.3	91		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Endrin	0.273	µg/L		0.007	0.01	0.3	91		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Endrin	0.273	µg/L		0.007	0.01	0.3	91		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Endrin	0.302	µg/L		0.007	0.01	0.3	101	10.1	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Endrin	0.302	µg/L		0.007	0.01	0.3	101	10.1	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Endrin	0.302	µg/L		0.007	0.01	0.3	101	10.1	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Endrin	0.275	µg/L		0.007	0.01	0.3	91.7		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Endrin	0.305	µg/L		0.007	0.01	0.3	102	10.3	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Endrin	0.287	µg/L		0.007	0.01	0.3	95.7		None - No QA Qualifier	PR 24-143

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Endrin	0.287	µg/L		0.007	0.01	0.3	95.7		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Endrin	0.332	µg/L		0.007	0.01	0.3	111	14.5	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Endrin	0.332	µg/L		0.007	0.01	0.3	111	14.5	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Endrin	0.34	µg/L		0.007	0.01	0.3	113		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Endrin	0.367	µg/L		0.007	0.01	0.3	122	7.6	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Endrin	0.297	µg/L		0.007	0.01	0.3	99		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Endrin	0.313	µg/L		0.007	0.01	0.3	104	5.2	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Endrin	0.331	µg/L		0.007	0.01	0.3	110		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Endrin	0.329	µg/L		0.007	0.01	0.3	110	0.61	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Endrin	0.316	µg/L		0.007	0.01	0.3	105		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Endrin	0.351	µg/L		0.007	0.01	0.3	117	10.5	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Endrin	0.281	µg/L		0.007	0.01	0.3	93.7		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Endrin	0.281	µg/L		0.007	0.01	0.3	93.7		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Endrin	0.349	µg/L		0.007	0.01	0.3	116		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Endrin	0.31	µg/L		0.007	0.01	0.3	103	11.8	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Endrin	0.301	µg/L		0.007	0.01	0.3	100		None - No QA Qualifier	PR 24-143

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Endrin	0.241	µg/L		0.007	0.01	0.3	80.3		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Endrin	0.233	µg/L		0.007	0.01	0.3	77.7		None - No QA Qualifier	PR 24-143
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Endrin	0.227	µg/L		0.007	0.01	0.3	75.7	2.6	None - No QA Qualifier	RPD ≤ 25; PR 24-143
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.18	µg/L		0.002	0.02	0.2	90		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.183	µg/L		0.002	0.02	0.2	91.5	1.7	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.169	µg/L		0.002	0.02	0.2	84.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.169	µg/L		0.002	0.02	0.2	84.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.169	µg/L		0.002	0.02	0.2	84.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.184	µg/L		0.002	0.02	0.2	92	8.5	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.184	µg/L		0.002	0.02	0.2	92	8.5	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.184	µg/L		0.002	0.02	0.2	92	8.5	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	2.01	µg/L		0.002	0.02	2	100		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.99	µg/L		0.002	0.02	2	99.5	1	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.83	µg/L		0.002	0.02	2	91.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.83	µg/L		0.002	0.02	2	91.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	2.24	µg/L		0.002	0.02	2	112	20.1	None - No QA Qualifier	RPD ≤ 25; PR 52-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	2.24	µg/L		0.002	0.02	2	112	20.1	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	2.02	µg/L		0.002	0.02	2	101		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	2.02	µg/L		0.002	0.02	2	101	0	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.76	µg/L		0.002	0.02	2	88		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.74	µg/L		0.002	0.02	2	87	1.1	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.178	µg/L		0.002	0.02	0.2	89		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.178	µg/L		0.002	0.02	0.2	89	0	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.195	µg/L		0.002	0.02	0.2	97.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.18	µg/L		0.002	0.02	0.2	90	8	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.95	µg/L		0.002	0.02	2	97.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.89	µg/L		0.002	0.02	2	94.5		RPD exceeds laboratory control limit	PR 52-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.95	µg/L		0.002	0.02	2	97.5		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	1.37	µg/L		0.002	0.02	2	68.5	31.9	RPD exceeds laboratory control limit	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.309	µg/L		0.002	0.02	0.3	103		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.268	µg/L		0.002	0.02	0.3	89.3		None - No QA Qualifier	PR 52-117
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.253	µg/L		0.002	0.02	0.3	84.3		None - No QA Qualifier	PR 52-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Esfenvalerate/ Fenvalerate, total	0.249	µg/L		0.002	0.02	0.3	83	1.6	None - No QA Qualifier	RPD ≤ 25; PR 52-117
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Linuron	0.512	µg/L		0.2	0.4	0.533	96.1		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Linuron	0.586	µg/L		0.2	0.4	0.533	110	13.5	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Linuron	0.541	µg/L		0.2	0.4	0.533	102		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Linuron	0.541	µg/L		0.2	0.4	0.533	102		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Linuron	0.541	µg/L		0.2	0.4	0.533	102		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Linuron	0.494	µg/L		0.2	0.4	0.533	92.7	9.1	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Linuron	0.494	µg/L		0.2	0.4	0.533	92.7	9.1	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Linuron	0.494	µg/L		0.2	0.4	0.533	92.7	9.1	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Linuron	0.621	µg/L		0.2	0.4	0.533	117		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Linuron	0.537	µg/L		0.2	0.4	0.533	101	14.5	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Linuron	0.382	µg/L		0.2	0.4	0.533	71.7		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Linuron	0.41	µg/L		0.2	0.4	0.533	76.9		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Linuron	0.482	µg/L		0.2	0.4	0.533	90.4		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Linuron	0.482	µg/L		0.2	0.4	0.533	90.4		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Linuron	0.524	µg/L		0.2	0.4	0.533	98.3	8.3	None - No QA Qualifier	RPD ≤ 25; PR 64-131

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Linuron	0.524	µg/L		0.2	0.4	0.533	98.3	8.3	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Linuron	0.433	µg/L		0.2	0.4	0.533	81.2		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Linuron	0.468	µg/L		0.2	0.4	0.533	87.8	7.8	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Linuron	0.495	µg/L		0.2	0.4	0.533	92.9		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Linuron	0.495	µg/L		0.2	0.4	0.533	92.9	0	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Linuron	0.403	µg/L		0.2	0.4	0.533	75.6		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Linuron	0.453	µg/L		0.2	0.4	0.533	85	11.7	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Linuron	0.434	µg/L		0.2	0.4	0.533	81.4		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Linuron	0.513	µg/L		0.2	0.4	0.533	96.2	16.7	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Linuron	0.517	µg/L		0.2	0.4	0.533	97		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Linuron	0.521	µg/L		0.2	0.4	0.533	97.7	0.77	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Linuron	0.449	µg/L		0.2	0.4	0.533	84.2		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Linuron	0.382	µg/L	DNQ	0.2	0.4	0.533	71.7		None - No QA Qualifier	PR 64-131
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Linuron	0.412	µg/L		0.2	0.4	0.533	77.3	7.6	None - No QA Qualifier	RPD ≤ 25; PR 64-131
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Linuron	0.5	µg/L		0.2	0.4	0.533	93.8		Surrogate recovery is outside of control limits	PR 64-131

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Linuron	0.5	µg/L		0.2	0.4	0.533	93.8		Surrogate recovery is outside of control limits	PR 64-131
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Malathion	0.486	µg/L		0.05	0.1	0.5	97.2		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Malathion	0.523	µg/L		0.05	0.1	0.5	105	7.3	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Malathion	0.553	µg/L		0.05	0.1	0.5	111		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Malathion	0.553	µg/L		0.05	0.1	0.5	111		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Malathion	0.553	µg/L		0.05	0.1	0.5	111		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Malathion	0.608	µg/L		0.05	0.1	0.5	122	9.5	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Malathion	0.608	µg/L		0.05	0.1	0.5	122	9.5	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Malathion	0.608	µg/L		0.05	0.1	0.5	122	9.5	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Malathion	0.682	µg/L		0.05	0.1	0.5	136		Spike analyte recovery is outside stated control limits	PR 47-125
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Malathion	0.672	µg/L		0.05	0.1	0.5	134	1.5	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Malathion	0.553	µg/L		0.05	0.1	0.5	111		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Malathion	0.553	µg/L		0.05	0.1	0.5	111		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Malathion	0.531	µg/L		0.05	0.1	0.5	106	4.1	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Malathion	0.531	µg/L		0.05	0.1	0.5	106	4.1	None - No QA Qualifier	RPD ≤ 25; PR 47-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Malathion	0.597	µg/L		0.05	0.1	0.5	119		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Malathion	0.64	µg/L		0.05	0.1	0.5	128	7	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Malathion	0.574	µg/L		0.05	0.1	0.5	115		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Malathion	0.616	µg/L		0.05	0.1	0.5	123	7.1	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Malathion	0.549	µg/L		0.05	0.1	0.5	110		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Malathion	0.606	µg/L		0.05	0.1	0.5	121	9.9	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Malathion	0.501	µg/L		0.05	0.1	0.5	100		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Malathion	0.501	µg/L		0.05	0.1	0.5	100		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Malathion	0.687	µg/L		0.05	0.1	0.5	137		Spike analyte recovery is outside stated control limits	PR 47-125
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Malathion	0.603	µg/L		0.05	0.1	0.5	121	13	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Malathion	0.504	µg/L		0.05	0.1	0.5	101		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Malathion	0.492	µg/L		0.05	0.1	0.5	98.4		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Malathion	0.543	µg/L		0.05	0.1	0.5	109		None - No QA Qualifier	PR 47-125
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Malathion	0.515	µg/L		0.05	0.1	0.5	103	5.3	None - No QA Qualifier	RPD ≤ 25; PR 47-125
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Methidathion	4.81	µg/L		0.038	0.1	5	96.2		None - No QA Qualifier	PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Methidathion	3.63	µg/L		0.038	0.1	5	72.6		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Methidathion	4.37	µg/L		0.038	0.1	5	87.4	18.5	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.41	µg/L		0.1	0.2	0.5	82		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.444	µg/L		0.1	0.2	0.5	88.8		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.444	µg/L		NA	0.2	0.5	88.8		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.444	µg/L		0.1	0.2	0.5	88.8		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.413	µg/L		0.1	0.2	0.5	82.6	7.2	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.413	µg/L		0.1	0.2	0.5	82.6	7.2	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.413	µg/L		NA	0.2	0.5	82.6	7.2	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Methamidophos	0.433	µg/L		0.1	0.2	0.5	86.6	5.5	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8141A	Methamidophos	0.298	µg/L		0.1	0.2	0.5	59.6		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	06/20/06	0:00	EPA 8141A	Methamidophos	0.274	µg/L		0.1	0.2	0.5	54.8	8.4	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Methamidophos	0.384	µg/L		0.1	0.2	0.5	76.8		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Methamidophos	0.384	µg/L		0.1	0.2	0.5	76.8		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Methamidophos	0.346	µg/L		0.1	0.2	0.5	69.2	10.4	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Methamidophos	0.346	µg/L		0.1	0.2	0.5	69.2	10.4	None - No QA Qualifier	RPD ≤ 25; PR 40-135

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/18/06	0:00	EPA 8141A	Methamidophos	0.25	µg/L		0.1	0.2	0.2	125		Surrogate recovery is outside of control limits	PR 40-135
Laboratory QA Samples	LCS	2.00	07/18/06	0:00	EPA 8141A	Methamidophos	0.257	µg/L		0.1	0.2	0.2	129	2.8	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	07/19/06	0:00	EPA 8141A	Methamidophos	0.19	µg/L		0.1	0.2	0.2	95		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	07/19/06	0:00	EPA 8141A	Methamidophos	0.165	µg/L		0.1	0.2	0.2	82.5	14.1	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Methamidophos	0.191	µg/L		0.1	0.2	0.2	95.5		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Methamidophos	0.165	µg/L		0.1	0.2	0.2	82.5	14.6	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Methamidophos	0.131	µg/L	DNQ	0.1	0.2	0.2	65.5		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Methamidophos	0.13	µg/L		0.1	0.2	0.2	65		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Methamidophos	0.131	µg/L	DNQ	0.1	0.2	0.2	65.5		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Methamidophos	0.124	µg/L		0.1	0.2	0.2	62	4.7	None - No QA Qualifier	RPD ≤ 25; PR 40-135
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Methamidophos	0.133	µg/L	DNQ	0.1	0.2	0.121	110		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Methamidophos	0.222	µg/L		0.1	0.2	0.3	74		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Methamidophos	0.222	µg/L		0.1	0.2	0.3	74		None - No QA Qualifier	PR 40-135
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Methidathion	1.33	µg/L		0.038	0.1	1	133		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Methidathion	1.48	µg/L		0.038	0.1	1	148	10.7	None - No QA Qualifier	RPD ≤ 25; PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Methidathion	1.37	µg/L		0.038	0.1	1	137		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Methidathion	1.37	µg/L		0.038	0.1	1	137		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Methidathion	1.37	µg/L		0.038	0.1	1	137		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Methidathion	1.41	µg/L		0.038	0.1	1	141	2.9	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Methidathion	1.41	µg/L		0.038	0.1	1	141	2.9	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Methidathion	1.41	µg/L		0.038	0.1	1	141	2.9	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Methidathion	1.48	µg/L		0.038	0.1	1	148		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Methidathion	1.57	µg/L		0.038	0.1	1	157	5.9	Spike analyte recovery is outside stated control limits	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Methidathion	1.08	µg/L		0.038	0.1	1	108		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Methidathion	1.08	µg/L		0.038	0.1	1	108		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Methidathion	0.979	µg/L		0.038	0.1	1	97.9	9.8	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Methidathion	0.979	µg/L		0.038	0.1	1	97.9	9.8	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Methidathion	1.07	µg/L		0.038	0.1	1	107		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Methidathion	1.2	µg/L		0.038	0.1	1	120	11.5	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Methidathion	1.47	µg/L		0.038	0.1	1	147		None - No QA Qualifier	PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Methidathion	1.45	µg/L		0.038	0.1	1	145	1.4	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Methidathion	1.01	µg/L		0.038	0.1	1	101		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Methidathion	1.24	µg/L		0.038	0.1	1	124	20.4	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Methidathion	1.08	µg/L		0.038	0.1	1	108		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Methidathion	1.13	µg/L		0.038	0.1	1	113		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Methidathion	1.08	µg/L		0.038	0.1	1	108		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Methidathion	1.31	µg/L		0.038	0.1	1	131	14.8	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Methiocarb	0.303	µg/L		0.2	0.4	0.267	113		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Methiocarb	0.337	µg/L		0.2	0.4	0.267	126	10.6	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Methiocarb	0.242	µg/L	DNQ	0.2	0.4	0.267	90.6		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Methiocarb	0.242	µg/L		0.2	0.4	0.267	90.6		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Methiocarb	0.242	µg/L		0.2	0.4	0.267	90.6		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Methiocarb	0.257	µg/L	DNQ	0.2	0.4	0.267	96.3	6	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Methiocarb	0.257	µg/L		0.2	0.4	0.267	96.3	6	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Methiocarb	0.257	µg/L		0.2	0.4	0.267	96.3	6	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Methiocarb	0.265	µg/L		0.2	0.4	0.267	99.3		None - No QA Qualifier	PR 63-123

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Methiocarb	0.257	µg/L		0.2	0.4	0.267	96.3	3.1	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Methiocarb	0.208	µg/L		0.2	0.4	0.267	77.9		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Methiocarb	0.232	µg/L		0.2	0.4	0.267	86.9		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Methiocarb	0.266	µg/L	DNQ	0.2	0.4	0.267	99.6		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Methiocarb	0.266	µg/L	DNQ	0.2	0.4	0.267	99.6		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Methiocarb	0.277	µg/L	DNQ	0.2	0.4	0.267	104	4.1	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Methiocarb	0.277	µg/L	DNQ	0.2	0.4	0.267	104	4.1	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Methiocarb	0.205	µg/L	DNQ	0.2	0.4	0.267	76.8		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Methiocarb	0.184	µg/L	DNQ	0.2	0.4	0.267	68.9	10.8	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Methiocarb	0.3	µg/L	DNQ	0.2	0.4	0.267	112		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Methiocarb	0.292	µg/L	DNQ	0.2	0.4	0.267	109	2.7	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Methiocarb	0.18	µg/L	DNQ	0.2	0.4	0.267	67.4		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Methiocarb	0.203	µg/L	DNQ	0.2	0.4	0.267	76	12	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Methiocarb	0.263	µg/L	DNQ	0.2	0.4	0.267	98.5		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Methiocarb	0.237	µg/L	DNQ	0.2	0.4	0.267	88.8	10.4	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Methiocarb	0.234	µg/L	DNQ	0.2	0.4	0.267	87.6		None - No QA Qualifier	PR 63-123

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Methiocarb	0.247	µg/L	DNQ	0.2	0.4	0.267	92.5	5.4	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Methiocarb	0.242	µg/L	DNQ	0.2	0.4	0.267	90.6		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Methiocarb	0.215	µg/L	DNQ	0.2	0.4	0.267	80.5		None - No QA Qualifier	PR 63-123
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Methiocarb	0.193	µg/L	DNQ	0.2	0.4	0.267	72.3	10.8	None - No QA Qualifier	RPD ≤ 25; PR 63-123
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Methiocarb	0.22	µg/L	DNQ	0.2	0.4	0.267	82.4		Surrogate recovery is outside of control limits	PR 63-123
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Methiocarb	0.22	µg/L	DNQ	0.2	0.4	0.267	82.4		Surrogate recovery is outside of control limits	PR 63-123
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Methomyl	0.242	µg/L		0.05	0.07	0.267	90.6		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Methomyl	0.228	µg/L		0.05	0.07	0.267	85.4	6	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Methomyl	0.127	µg/L		0.05	0.07	0.267	47.6		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Methomyl	0.127	µg/L		0.05	0.07	0.267	47.6		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Methomyl	0.127	µg/L		0.05	0.07	0.267	47.6		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Methomyl	0.148	µg/L		0.05	0.07	0.267	55.4	15.3	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Methomyl	0.148	µg/L		0.05	0.07	0.267	55.4	15.3	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Methomyl	0.148	µg/L		0.05	0.07	0.267	55.4	15.3	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Methomyl	0.169	µg/L		0.05	0.07	0.267	63.3		None - No QA Qualifier	PR 34-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Methomyl	0.183	µg/L		0.05	0.07	0.267	68.5	8	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Methomyl	0.146	µg/L		0.05	0.07	0.267	54.7		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Methomyl	0.225	µg/L		0.05	0.07	0.267	84.3		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Methomyl	0.228	µg/L		0.05	0.07	0.267	85.4		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Methomyl	0.228	µg/L		0.05	0.07	0.267	85.4		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Methomyl	0.242	µg/L		0.05	0.07	0.267	90.6	6	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Methomyl	0.242	µg/L		0.05	0.07	0.267	90.6	6	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Methomyl	0.159	µg/L		0.05	0.07	0.267	59.6		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Methomyl	0.184	µg/L		0.05	0.07	0.267	68.9	14.6	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Methomyl	0.182	µg/L		0.05	0.07	0.267	68.2		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Methomyl	0.203	µg/L		0.05	0.07	0.267	76	10.9	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Methomyl	0.169	µg/L		0.05	0.07	0.267	63.3		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Methomyl	0.176	µg/L		0.05	0.07	0.267	65.9	4.1	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Methomyl	0.259	µg/L		0.05	0.07	0.267	97		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Methomyl	0.209	µg/L		0.05	0.07	0.267	78.3	21.4	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Methomyl	0.194	µg/L		0.05	0.07	0.267	72.7		None - No QA Qualifier	PR 34-125

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Methomyl	0.214	µg/L		0.05	0.07	0.267	80.1	9.8	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Methomyl	0.222	µg/L		0.05	0.07	0.267	83.1		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Methomyl	0.186	µg/L		0.05	0.07	0.267	69.7		None - No QA Qualifier	PR 34-125
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Methomyl	0.186	µg/L		0.05	0.07	0.267	69.7	0	None - No QA Qualifier	RPD ≤ 25; PR 34-125
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Methomyl	0.192	µg/L		0.05	0.07	0.267	71.9		Surrogate recovery is outside of control limits	PR 34-125
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Methomyl	0.192	µg/L		0.05	0.07	0.267	71.9		Surrogate recovery is outside of control limits	PR 34-125
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Methoxychlor	0.263	µg/L		0.008	0.01	0.3	87.7		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Methoxychlor	0.273	µg/L		0.008	0.01	0.3	91	3.7	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Methoxychlor	0.256	µg/L		0.008	0.01	0.3	85.3		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Methoxychlor	0.256	µg/L		0.008	0.01	0.3	85.3		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Methoxychlor	0.256	µg/L		0.008	0.01	0.3	85.3		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Methoxychlor	0.285	µg/L		0.008	0.01	0.3	95	10.7	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Methoxychlor	0.285	µg/L		0.008	0.01	0.3	95	10.7	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Methoxychlor	0.285	µg/L		0.008	0.01	0.3	95	10.7	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Methoxychlor	0.268	µg/L		0.008	0.01	0.3	89.3		None - No QA Qualifier	PR 30-163

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Methoxychlor	0.29	µg/L		0.008	0.01	0.3	96.7	7.9	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Methoxychlor	0.281	µg/L		0.008	0.01	0.3	93.7		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Methoxychlor	0.281	µg/L		0.008	0.01	0.3	93.7		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Methoxychlor	0.325	µg/L		0.008	0.01	0.3	108	14.5	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Methoxychlor	0.325	µg/L		0.008	0.01	0.3	108	14.5	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Methoxychlor	0.338	µg/L		0.008	0.01	0.3	113		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Methoxychlor	0.36	µg/L		0.008	0.01	0.3	120	6.3	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Methoxychlor	0.293	µg/L		0.008	0.01	0.3	97.7		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Methoxychlor	0.325	µg/L		0.008	0.01	0.3	108	10.4	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Methoxychlor	0.331	µg/L		0.008	0.01	0.3	110		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Methoxychlor	0.335	µg/L		0.008	0.01	0.3	112	1.2	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Methoxychlor	0.334	µg/L		0.008	0.01	0.3	111		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Methoxychlor	0.364	µg/L		0.008	0.01	0.3	121	8.6	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Methoxychlor	0.259	µg/L		0.008	0.01	0.3	86.3		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Methoxychlor	0.347	µg/L		0.008	0.01	0.3	116		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Methoxychlor	0.259	µg/L		0.008	0.01	0.3	86.3		None - No QA Qualifier	PR 30-163

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Methoxychlor	0.314	µg/L		0.008	0.01	0.3	105	10	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Methoxychlor	0.311	µg/L		0.008	0.01	0.3	104		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Methoxychlor	0.245	µg/L		0.008	0.01	0.3	81.7		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Methoxychlor	0.251	µg/L		0.008	0.01	0.3	83.7		None - No QA Qualifier	PR 30-163
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Methoxychlor	0.248	µg/L		0.008	0.01	0.3	82.7	1.2	None - No QA Qualifier	RPD ≤ 25; PR 30-163
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Molinate	0.536	µg/L		0.13	0.5	0.5	107		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Molinate	0.494	µg/L		0.13	0.5	0.5	98.8	8.2	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Molinate	0.516	µg/L		0.13	0.5	0.5	103		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Molinate	0.516	µg/L		0.13	0.5	0.5	103		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Molinate	0.516	µg/L		0.13	0.5	0.5	103		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Molinate	0.518	µg/L		0.13	0.5	0.5	104	0.39	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Molinate	0.518	µg/L		0.13	0.5	0.5	104	0.39	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Molinate	0.518	µg/L		0.13	0.5	0.5	104	0.39	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Molinate	0.091	µg/L		0.13	0.5	0.125	72.8		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Molinate	0.099	µg/L		0.13	0.5	0.125	79.2	8.4	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Molinate	0.064	µg/L		0.13	0.5	0.5	12.8		Spike analyte recovery is outside stated control limits	PR 50-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Molinate	0.064	µg/L		0.13	0.5	0.5	12.8		Spike analyte recovery is outside stated control limits	PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Molinate	0.104	µg/L		0.13	0.5	0.5	20.8	47.6	Spike analyte recovery is outside stated control limits, RPD exceeds laboratory control limit	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Molinate	0.1	µg/L		0.13	0.5	0.5	20	43.9	Spike analyte recovery is outside stated control limits, RPD exceeds laboratory control limit	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Molinate	10.8	µg/L		0.13	0.5	12.5	86.4		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Molinate	11.1	µg/L		0.13	0.5	12.5	88.8	2.7	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Molinate	8.83	µg/L		0.13	0.5	12.5	70.6		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Molinate	9.89	µg/L		0.13	0.5	12.5	79.1	11.3	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Molinate	8.67	µg/L		0.13	0.5	12.5	69.4		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Molinate	6.85	µg/L		0.13	0.5	12.5	54.8	23.5	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Molinate	12.4	µg/L		0.13	0.5	12.5	99.2		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Molinate	12.9	µg/L		0.13	0.5	12.5	103		None - No QA Qualifier	PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Molinate	12.9	µg/L		0.13	0.5	12.5	103		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Molinate	15.2	µg/L		0.13	0.5	12.5	122	20.3	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Molinate	12.5	µg/L		0.13	0.5	12.5	100		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Molinate	12.6	µg/L		0.13	0.5	12.5	101		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Molinate	11.7	µg/L		0.13	0.5	12.5	93.6		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Molinate	14.6	µg/L		0.13	0.5	12.5	117	22.1	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Oxamyl	0.377	µg/L		0.2	0.4	0.533	70.7		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Oxamyl	0.398	µg/L		0.2	0.4	0.533	74.7	5.4	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Oxamyl	0.374	µg/L		0.2	0.4	0.533	70.2		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Oxamyl	0.374	µg/L		0.2	0.4	0.533	70.2		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Oxamyl	0.374	µg/L	DNQ	0.2	0.4	0.533	70.2		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Oxamyl	0.4	µg/L		0.2	0.4	0.533	75	6.7	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Oxamyl	0.4	µg/L		0.2	0.4	0.533	75	6.7	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Oxamyl	0.4	µg/L		0.2	0.4	0.533	75	6.7	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Oxamyl	0.446	µg/L		0.2	0.4	0.533	83.7		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Oxamyl	0.491	µg/L		0.2	0.4	0.533	92.1	9.6	None - No QA Qualifier	RPD ≤ 25; PR 10-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Oxamyl	0.209	µg/L		0.2	0.4	0.533	39.2		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Oxamyl	0.565	µg/L		0.2	0.4	0.533	106		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Oxamyl	0.428	µg/L		0.2	0.4	0.533	80.3		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Oxamyl	0.428	µg/L		0.2	0.4	0.533	80.3		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Oxamyl	0.458	µg/L		0.2	0.4	0.533	85.9	6.8	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Oxamyl	0.458	µg/L		0.2	0.4	0.533	85.9	6.8	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Oxamyl	0.294	µg/L		0.2	0.4	0.533	55.2		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Oxamyl	0.325	µg/L		0.2	0.4	0.533	61	10	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Oxamyl	0.214	µg/L		0.2	0.4	0.533	40.2		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Oxamyl	0.263	µg/L		0.2	0.4	0.533	49.3	20.5	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Oxamyl	0.322	µg/L		0.2	0.4	0.533	60.4		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Oxamyl	0.408	µg/L		0.2	0.4	0.533	76.5	23.6	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Oxamyl	0.445	µg/L		0.2	0.4	0.533	83.5		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Oxamyl	0.352	µg/L	DNQ	0.2	0.4	0.533	66	23.3	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Oxamyl	0.36	µg/L	DNQ	0.2	0.4	0.533	67.5		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Oxamyl	0.338	µg/L	DNQ	0.2	0.4	0.533	63.4	6.3	None - No QA Qualifier	RPD ≤ 25; PR 10-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Oxamyl	0.219	µg/L	DNQ	0.2	0.4	0.533	41.1		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Oxamyl	0.312	µg/L	DNQ	0.2	0.4	0.533	58.5		None - No QA Qualifier	PR 10-117
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Oxamyl	0.298	µg/L	DNQ	0.2	0.4	0.533	55.9	4.6	None - No QA Qualifier	RPD ≤ 25; PR 10-117
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Oxamyl	0.36	µg/L	DNQ	0.2	0.4	0.533	67.5		Surrogate recovery is outside of control limits	PR 10-117
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Oxamyl	0.36	µg/L	DNQ	0.2	0.4	0.533	67.5		Surrogate recovery is outside of control limits	PR 10-117
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Parathion, Methyl	0.416	µg/L		0.0755	0.1	0.5	83.2		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Parathion, Methyl	0.415	µg/L		0.0755	0.1	0.5	83	0.24	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	0.46	µg/L		0.0755	0.1	0.5	92		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	0.46	µg/L		0.0755	0.1	0.5	92		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	0.46	µg/L		0.0755	0.1	0.5	92		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	0.535	µg/L		0.0755	0.1	0.5	107	15.1	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	0.535	µg/L		0.0755	0.1	0.5	107	15.1	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Parathion, Methyl	0.535	µg/L		0.0755	0.1	0.5	107	15.1	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Parathion, Methyl	0.725	µg/L		0.0755	0.1	0.5	145		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Parathion, Methyl	0.632	µg/L		0.0755	0.1	0.5	126	13.7	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 55-164

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Parathion, Methyl	0.515	µg/L		0.0755	0.1	0.5	103		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Parathion, Methyl	0.515	µg/L		0.0755	0.1	0.5	103		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Parathion, Methyl	0.527	µg/L		0.0755	0.1	0.5	105	2.3	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Parathion, Methyl	0.527	µg/L		0.0755	0.1	0.5	105	2.3	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Parathion, Methyl	0.493	µg/L		0.0755	0.1	0.5	98.6		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Parathion, Methyl	0.535	µg/L		0.0755	0.1	0.5	107	8.2	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Parathion, Methyl	0.694	µg/L		0.0755	0.1	0.5	139		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Parathion, Methyl	0.603	µg/L		0.0755	0.1	0.5	121	14	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Parathion, Methyl	0.473	µg/L		0.0755	0.1	0.5	94.6		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Parathion, Methyl	0.38	µg/L		0.0755	0.1	0.5	76	21.8	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Parathion, Methyl	0.469	µg/L		0.0755	0.1	0.5	93.8		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Parathion, Methyl	0.469	µg/L		0.0755	0.1	0.5	93.8		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Parathion, Methyl	0.576	µg/L		0.0755	0.1	0.5	115		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Parathion, Methyl	0.611	µg/L		0.0755	0.1	0.5	122	5.9	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Parathion, Methyl	0.454	µg/L		0.0755	0.1	0.5	90.8		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Parathion, Methyl	0.457	µg/L		0.0755	0.1	0.5	91.4		None - No QA Qualifier	PR 55-164

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Parathion, Methyl	0.451	µg/L		0.0755	0.1	0.5	90.2		None - No QA Qualifier	PR 55-164
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Parathion, Methyl	0.48	µg/L		0.0755	0.1	0.5	96	6.2	None - No QA Qualifier	RPD ≤ 25; PR 55-164
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Permethrin, total	0.178	µg/L		0.009	0.02	0.2	89		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Permethrin, total	0.176	µg/L		0.009	0.02	0.2	88	1.1	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Permethrin, total	0.177	µg/L		0.009	0.02	0.2	88.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Permethrin, total	0.177	µg/L		0.009	0.02	0.2	88.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Permethrin, total	0.177	µg/L		0.009	0.02	0.2	88.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Permethrin, total	0.178	µg/L		0.009	0.02	0.2	89	0.56	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Permethrin, total	0.178	µg/L		0.009	0.02	0.2	89	0.56	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Permethrin, total	0.178	µg/L		0.009	0.02	0.2	89	0.56	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Permethrin, total	1.43	µg/L		0.009	0.02	2	71.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Permethrin, total	1.5	µg/L		0.009	0.02	2	75	4.8	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Permethrin, total	1.41	µg/L		0.009	0.02	2	70.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Permethrin, total	1.41	µg/L		0.009	0.02	2	70.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Permethrin, total	1.61	µg/L		0.009	0.02	2	80.5	13.2	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Permethrin, total	1.61	µg/L		0.009	0.02	2	80.5	13.2	None - No QA Qualifier	RPD ≤ 25; PR 24-166

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Permethrin, total	1.38	µg/L		0.009	0.02	2	69		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Permethrin, total	1.42	µg/L		0.009	0.02	2	71	2.9	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Permethrin, total	1.23	µg/L		0.009	0.02	2	61.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Permethrin, total	1.2	µg/L		0.009	0.02	2	60	2.5	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Permethrin, total	0.175	µg/L		0.009	0.02	0.2	87.5		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Permethrin, total	0.18	µg/L		0.009	0.02	0.2	90	2.8	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Permethrin, total	0.19	µg/L		0.009	0.02	0.2	95		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Permethrin, total	0.184	µg/L		0.009	0.02	0.2	92	3.2	None - No QA Qualifier	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Permethrin, total	1.42	µg/L		0.009	0.02	2	71		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Permethrin, total	1.41	µg/L		0.009	0.02	2	70.5		RPD exceeds laboratory control limit	PR 24-166
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Permethrin, total	1.42	µg/L		0.009	0.02	2	71		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Permethrin, total	1.06	µg/L		0.009	0.02	2	53	28.3	RPD exceeds laboratory control limit	RPD ≤ 25; PR 24-166
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Permethrin, total	0.277	µg/L		0.009	0.02	0.3	92.3		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Permethrin, total	0.252	µg/L		0.009	0.02	0.3	84		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Permethrin, total	0.246	µg/L		0.009	0.02	0.3	82		None - No QA Qualifier	PR 24-166
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Permethrin, total	0.281	µg/L		0.009	0.02	0.3	93.7	13.3	None - No QA Qualifier	RPD ≤ 25; PR 24-166

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Phorate	0.388	µg/L		0.0722	0.1	0.5	77.6		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Phorate	0.412	µg/L		0.0722	0.1	0.5	82.4	6	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Phorate	0.407	µg/L		0.0722	0.1	0.5	81.4		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Phorate	0.407	µg/L		0.0722	0.1	0.5	81.4		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Phorate	0.407	µg/L		0.0722	0.1	0.5	81.4		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Phorate	0.469	µg/L		0.0722	0.1	0.5	93.8	14.2	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Phorate	0.469	µg/L		0.0722	0.1	0.5	93.8	14.2	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Phorate	0.469	µg/L		0.0722	0.1	0.5	93.8	14.2	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Phorate	0.528	µg/L		0.0722	0.1	0.5	106		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Phorate	0.558	µg/L		0.0722	0.1	0.5	112	5.5	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Phorate	0.436	µg/L		0.0722	0.1	0.5	87.2		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Phorate	0.436	µg/L		0.0722	0.1	0.5	87.2		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Phorate	0.454	µg/L		0.0722	0.1	0.5	90.8	4	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Phorate	0.454	µg/L		0.0722	0.1	0.5	90.8	4	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Phorate	0.464	µg/L		0.0722	0.1	0.5	92.8		None - No QA Qualifier	PR 44-117

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Phorate	0.501	µg/L		0.0722	0.1	0.5	100	7.7	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Phorate	0.42	µg/L		0.0722	0.1	0.5	84		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Phorate	0.418	µg/L		0.0722	0.1	0.5	83.6	0.48	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Phorate	0.404	µg/L		0.0722	0.1	0.5	80.8		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Phorate	0.29	µg/L		0.0722	0.1	0.5	58	32.9	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Phorate	0.392	µg/L		0.0722	0.1	0.5	78.4		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Phorate	0.392	µg/L		0.0722	0.1	0.5	78.4		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Phorate	0.504	µg/L		0.0722	0.1	0.5	101		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Phorate	0.513	µg/L		0.0722	0.1	0.5	103	1.8	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Phorate	0.29	µg/L		0.0722	0.1	0.5	58		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Phorate	0.359	µg/L		0.0722	0.1	0.5	71.8		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Phorate	0.333	µg/L		0.0722	0.1	0.5	66.6		None - No QA Qualifier	PR 44-117
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Phorate	0.34	µg/L		0.0722	0.1	0.5	68	2.1	None - No QA Qualifier	RPD ≤ 25; PR 44-117
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Phosmet	11.5	µg/L		0.0566	0.2	10	115		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Phosmet	13.4	µg/L		0.0566	0.2	10	134	15.3	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Phosmet	12.2	µg/L		0.0566	0.2	10	122		None - No QA Qualifier	PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Phosmet	12.2	µg/L		0.0566	0.2	10	122		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Phosmet	12.2	µg/L		0.0566	0.2	10	122		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Phosmet	13.3	µg/L		0.0566	0.2	10	133	8.6	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Phosmet	13.3	µg/L		0.0566	0.2	10	133	8.6	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Phosmet	13.3	µg/L		0.0566	0.2	10	133	8.6	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Phosmet	13.2	µg/L		0.0566	0.2	10	132		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Phosmet	13.4	µg/L		0.0566	0.2	10	134	1.5	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Phosmet	9.63	µg/L		0.0566	0.2	10	96.3		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Phosmet	9.63	µg/L		0.0566	0.2	10	96.3		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Phosmet	8.92	µg/L		0.0566	0.2	10	89.2	7.7	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Phosmet	8.92	µg/L		0.0566	0.2	10	89.2	7.7	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Phosmet	9.34	µg/L		0.0566	0.2	10	93.4		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Phosmet	10.2	µg/L		0.0566	0.2	10	102	8.8	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Phosmet	12.8	µg/L		0.0566	0.2	10	128		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Phosmet	13.4	µg/L		0.0566	0.2	10	134	4.6	None - No QA Qualifier	RPD ≤ 25; PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Phosmet	8.99	µg/L		0.0566	0.2	10	89.9		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Phosmet	10.9	µg/L		0.0566	0.2	10	109	19.2	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Phosmet	10.2	µg/L		0.0566	0.2	10	102		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Phosmet	9.06	µg/L		0.0566	0.2	10	90.6		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Phosmet	10.2	µg/L		0.0566	0.2	10	102		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Phosmet	10.1	µg/L		0.0566	0.2	10	101	10.9	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Phosmet	2.36	µg/L		0.0566	0.2	3	94.4		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Phosmet	1.72	µg/L		0.0566	0.2	3	68.8		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Phosmet	1.99	µg/L		0.0566	0.2	3	79.6	14.6	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 619	Simazine	0.423	µg/L		0.08	0.5	0.5	84.6		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 619	Simazine	0.416	µg/L		0.08	0.5	0.5	83.2	1.7	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Simazine	0.362	µg/L		0.08	0.5	0.5	72.4		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Simazine	0.362	µg/L		0.08	0.5	0.5	72.4		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Simazine	0.362	µg/L		0.08	0.5	0.5	72.4		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Simazine	0.356	µg/L		0.08	0.5	0.5	71.2	1.7	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Simazine	0.356	µg/L		0.08	0.5	0.5	71.2	1.7	None - No QA Qualifier	RPD ≤ 25; PR 21-179

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Simazine	0.356	µg/L		0.08	0.5	0.5	71.2	1.7	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 619	Simazine	0.441	µg/L		0.08	0.5	0.5	88.2		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 619	Simazine	0.47	µg/L		0.08	0.5	0.5	94	6.4	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Simazine	0.36	µg/L		0.08	0.5	0.5	72		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Simazine	0.36	µg/L		0.08	0.5	0.5	72		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Simazine	0.459	µg/L		0.08	0.5	0.5	91.8	24.2	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Simazine	0.459	µg/L		0.08	0.5	0.5	91.8	24.2	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 619	Simazine	5.19	µg/L		0.08	0.5	12.5	41.5		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 619	Simazine	5.32	µg/L		0.08	0.5	12.5	42.6	2.5	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 619	Simazine	7.22	µg/L		0.08	0.5	12.5	57.8		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 619	Simazine	6.38	µg/L		0.08	0.5	12.5	51	12.4	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 619	Simazine	3.6	µg/L		0.08	0.5	12.5	28.8		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 619	Simazine	5.02	µg/L		0.08	0.5	12.5	40.2	32.9	RPD exceeds laboratory control limit	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Simazine	6.52	µg/L		0.08	0.5	12.5	52.2		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Simazine	5.76	µg/L		0.08	0.5	12.5	46.1		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Simazine	5.76	µg/L		0.08	0.5	12.5	46.1		None - No QA Qualifier	PR 21-179

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 619	Simazine	6.5	µg/L		0.08	0.5	12.5	52	0.31	None - No QA Qualifier	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 619	Simazine	4.67	µg/L		0.08	0.5	12.5	37.4		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 619	Simazine	6.87	µg/L		0.08	0.5	12.5	55		None - No QA Qualifier	PR 21-179
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 619	Simazine	5.51	µg/L		0.08	0.5	12.5	44.1		RPD exceeds laboratory control limit	PR 21-179
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 619	Simazine	8.14	µg/L		0.08	0.5	12.5	65.1	38.5	RPD exceeds laboratory control limit	RPD ≤ 25; PR 21-179
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	55.7	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	57.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	50.7	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	51.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	51.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	51.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	50.7	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	50.7	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	56.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	45.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	45.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	56.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	45.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	56.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	64.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	56.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	72.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	68.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	68.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	70.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	83	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	83	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	84	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	88.3	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	91	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	96.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	73.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	75.3	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	63.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	74.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	48	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	54.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	55	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	43.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	07/24/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	78.3	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	07/24/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	68	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	89	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	42.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	47.3	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	86	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	89	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	47.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	47.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	81	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	75	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	49.3	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	49.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	62.7	%		NA	NA	100			None - No QA Qualifier	PR 38-113
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	61.7	%		NA	NA	100			None - No QA Qualifier	PR 15-98
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	58.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 15-98

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8081A	Tetrachloro-m-xylene (Surrogate)	50.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 38-113
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Thiobencarb	1.24	µg/L		0.06	0.5	1	124		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Thiobencarb	1.39	µg/L		0.06	0.5	1	139	11.4	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Thiobencarb	1.24	µg/L		0.06	0.5	1	124		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Thiobencarb	1.24	µg/L		0.06	0.5	1	124		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Thiobencarb	1.24	µg/L		0.06	0.5	1	124		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Thiobencarb	1.36	µg/L		0.06	0.5	1	136	9.2	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Thiobencarb	1.36	µg/L		0.06	0.5	1	136	9.2	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Thiobencarb	1.36	µg/L		0.06	0.5	1	136	9.2	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Thiobencarb	1.4	µg/L		0.06	0.5	1	140		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Thiobencarb	1.42	µg/L		0.06	0.5	1	142	1.4	Surrogate recovery is outside of control limits	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Thiobencarb	0.957	µg/L		0.06	0.5	1	95.7		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Thiobencarb	0.957	µg/L		0.06	0.5	1	95.7		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Thiobencarb	0.863	µg/L		0.06	0.5	1	86.3	10.3	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Thiobencarb	0.863	µg/L		0.06	0.5	1	86.3	10.3	None - No QA Qualifier	RPD ≤ 25; PR 50-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Thiobencarb	1.04	µg/L		0.06	0.5	1	104		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Thiobencarb	1.2	µg/L		0.06	0.5	1	120	14.3	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Thiobencarb	1.4	µg/L		0.06	0.5	1	140		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Thiobencarb	1.49	µg/L		0.06	0.5	1	149	6.2	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Thiobencarb	1.11	µg/L		0.06	0.5	1	111		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Thiobencarb	1.27	µg/L		0.06	0.5	1	127	13.4	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Thiobencarb	1.15	µg/L		0.06	0.5	1	115		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Thiobencarb	1.05	µg/L		0.06	0.5	1	105		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Thiobencarb	1.05	µg/L		0.06	0.5	1	105		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Thiobencarb	1.32	µg/L		0.06	0.5	1	132	13.8	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Thiobencarb	13.5	µg/L		0.06	0.5	12.5	108		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Thiobencarb	14.9	µg/L		0.06	0.5	12.5	119		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Thiobencarb	13.2	µg/L		0.06	0.5	12.5	106		None - No QA Qualifier	PR 50-150
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Thiobencarb	15.6	µg/L		0.06	0.5	12.5	125	16.7	None - No QA Qualifier	RPD ≤ 25; PR 50-150
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	112	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	99.9	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	84.4	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	84.4	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	84.4	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	76.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	76.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Tributylphosphate (Surrogate)	76.3	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	77.4	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	86.6	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	86.6	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 619	Tributylphosphate (Surrogate)	116	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 619	Tributylphosphate (Surrogate)	120	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 619	Tributylphosphate (Surrogate)	117	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 619	Tributylphosphate (Surrogate)	133	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 619	Tributylphosphate (Surrogate)	65.2	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 619	Tributylphosphate (Surrogate)	97.8	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Tributylphosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 619	Tributylphosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 619	Tributylphosphate (Surrogate)	91.6	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 619	Tributylphosphate (Surrogate)	90.4	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	84.2	%		NA	NA	100			None - No QA Qualifier	PR 62-145
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 619	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 62-145
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	94.6	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	97.6	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	96.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	96.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	96.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	122	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	130	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	136	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	75.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	06/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	78	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 60-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	70	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	70	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	107	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	111	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	07/18/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	208	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 60-150
Laboratory QA Samples	LCS	2.00	07/18/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	140	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	07/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	07/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	90.8	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	99.4	%		NA	NA	100			None - No QA Qualifier	PR 60-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	101	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	85.1	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	85.1	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	122	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	101	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	131	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	131	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	124	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	97	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	78.4	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	70.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	114	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	70.2	%		NA	NA	100			None - No QA Qualifier	PR 60-150

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	103	%		NA	NA	100			None - No QA Qualifier	PR 60-150
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Tributylphosphate (Surrogate)	121	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 60-150
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	97.7	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	83.5	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	83.5	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	83.5	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	94.7	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	96.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	81.2	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	94.7	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	PR 36-140

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	112	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	112	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	91	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	92.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	94	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	97	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	75.2	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	80.5	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	82	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	84.2	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	81.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	120	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	72.8	%		NA	NA	100			None - No QA Qualifier	PR 36-140
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	75.9	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 36-140

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	171	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 36-140
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Tributylphosphate (Surrogate)	171	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 36-140
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	109	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	85.8	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	85.8	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	85.8	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	77.6	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	77.6	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	77.6	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	112	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	84.6	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	84.6	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	120	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	126	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	142	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	61.3	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	90.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	93.1	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	92.8	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	87.4	%		NA	NA	100			None - No QA Qualifier	PR 54-144
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 619	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 54-144
Laboratory QA Samples	LCS	1.00	05/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 56-129

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	05/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	05/22/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	116	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	95.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	95.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	05/23/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	95.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	06/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	126	%		NA	NA	100			None - No QA Qualifier	PR 56-129

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	06/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	133	%		NA	NA	100			Surrogate recovery is outside of control limits	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	75.6	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	06/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	78.8	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	87.6	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	87.6	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	73.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	99.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	99.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	73.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	07/12/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	113	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	07/12/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	07/17/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	114	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	07/17/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	118	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	07/18/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	134	%		NA	NA	100			Surrogate recovery is outside of control limits	PR 56-129
Laboratory QA Samples	LCS	2.00	07/18/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	146	%		NA	NA	100			Surrogate recovery is outside of control limits	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	07/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	07/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	92.4	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	101	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	111	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	104	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	127	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	84.8	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	124	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	84.8	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	127	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	120	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	2.00	08/15/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	121	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	09/19/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	82.8	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	110	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	76.4	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	76.4	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	1.00	09/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	PR 56-129
Laboratory QA Samples	LCS	2.00	09/21/06	0:00	EPA 8141A	Triphenyl phosphate (Surrogate)	93.9	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 56-129
Laboratory QA Samples	LCS	1.00	05/17/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	05/17/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	89.5	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	89.5	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	89.5	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	2.00	05/18/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	88	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	05/24/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	106	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	05/24/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	100	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	06/15/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	87.2	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	06/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	95.5	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	06/21/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	105	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	2.00	06/21/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	108	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	07/13/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	88.7	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	07/13/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	94.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	07/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	07/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	102	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	07/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	78.9	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	07/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	82.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	08/11/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	91.7	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	08/11/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	82.7	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121

Station Name	Sample Type	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria
Laboratory QA Samples	LCS	1.00	08/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	84.2	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	08/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	87.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	08/17/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	87.2	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	09/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	78.9	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	2.00	09/14/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	81.2	%		NA	NA	100			None - No QA Qualifier	RPD ≤ 25; PR 58-121
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	PR 58-121
Laboratory QA Samples	LCS	1.00	09/20/06	0:00	EPA 8321A	Triphenyl phosphate (Surrogate)	85	%		NA	NA	100			None - No QA Qualifier	PR 58-121

Table 18. ESJWQC laboratory quality assurance (LABQA) results including laboratory blanks (lab blanks), matrix spikes (MS) and laboratory control spikes (LCS) for organic (glyphosate and paraquat) analysis performed by Northcoast laboratory. LABQA was performed for samples collected during the 2006 irrigation season and results are sorted by sample type, station name, analyte and sample date. For laboratory control samples, the sample date is equal to the extraction date. To meet batch QC requirements, some samples are included that are from other projects and are given a station name of "Non Ag Waiver QA Sample".

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Bear Creek @ Kibby Rd	MS	1	1	05/17/06	13:00	EPA 547M	Glyphosate	41	µg/L		1.4	5	50	83		None - No QA Qualifier	PR 76-127	
Bear Creek @ Kibby Rd	MS	1	2	05/17/06	13:00	EPA 547M	Glyphosate	43	µg/L		1.4	5	50	87	4.8	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Bear Creek @ Kibby Rd	MS	1	1	05/17/06	13:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	2	0		Matrix spike recovery not within control limits	PR 50-126	
Bear Creek @ Kibby Rd	MS	1	2	05/17/06	13:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	2	0	0	Matrix spike recovery not within control limits	PR 50-126; RPD ≤ 25	
Berenda Slough along Avenue 18 1/2	MS	1	1	05/16/06	14:45	EPA 547M	Glyphosate	43	µg/L		1.4	5	50	85		None - No QA Qualifier	PR 76-127	
Berenda Slough along Avenue 18 1/2	MS	1	2	05/16/06	14:45	EPA 547M	Glyphosate	41	µg/L		1.4	5	50	82	4.8	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Berenda Slough along Avenue 18 1/2	MS	1	1	05/16/06	14:45	EPA 549.2M	Paraquat dichloride	12	µg/L		1.4	4	20	58		RL elevated due to matrix interference, MS/D RPD outside control limits.	PR 50-126	DF=10
Berenda Slough along Avenue 18 1/2	MS	1	2	05/16/06	14:45	EPA 549.2M	Paraquat dichloride	8.8	µg/L		1.4	4	20	44	28	RL elevated due to matrix interference, MS PR Outside Control limits, MS/D RPD outside control limits.	PR 50-126; RPD ≤ 25	DF=10

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Berenda Slough along Avenue 18 1/2	MS	1	1	09/12/06	10:50	EPA 549.2M	Paraquat dichloride	1.11	µg/L		0.25	0.4	2	55		None - No QA Qualifier	PR 50-126	
Berenda Slough along Avenue 18 1/2	MS	1	2	09/12/06	10:50	EPA 549.2M	Paraquat dichloride	1.22	µg/L		0.25	0.4	2	61	9.7	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Black Rascal Creek @ Yosemite Road	MS	1	1	05/18/06	8:30	EPA 549.2M	Paraquat dichloride	<1.4	µg/L	ND	1.4	4	2	0		Matrix spike recovery not within control limits	PR 50-126	DF=10
Black Rascal Creek @ Yosemite Road	MS	2	1	05/18/06	8:30	EPA 549.2M	Paraquat dichloride	8.2	µg/L		1.4	4	20	41		RL elevated due to matrix interference, MS PR Outside Control limits, Sample Run outside hold time	PR 50-126	DF=10; MS was re-extracted and re-analyzed to confirm original result (0% recovery)
Cottonwood Creek @ Road 20	MS	1	1	05/16/06	9:30	EPA 547M	Glyphosate	46.4	µg/L		1.4	5	50	88		None - No QA Qualifier	PR 76-127	
Cottonwood Creek @ Road 20	MS	2	1	05/16/06	9:30	EPA 547M	Glyphosate	46.6	µg/L		1.4	5	50	93		None - No QA Qualifier	PR 76-127	
Cottonwood Creek @ Road 20	MS	1	2	05/16/06	9:30	EPA 547M	Glyphosate	47.7	µg/L		1.4	5	50	91	2.9	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Cottonwood Creek @ Road 20	MS	2	2	05/16/06	9:30	EPA 547M	Glyphosate	45.8	µg/L		1.4	5	50	92	1.7	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Cottonwood Creek @ Road 20	MS	1	1	05/16/06	9:30	EPA 549.2M	Paraquat dichloride	0.9	µg/L		0.14	0.4	2	45		A holding time violation has occurred and matrix spike recovery not within limits	PR 50-126	sample filtered and re-extracted outside of hold time due to zero MS recovery in original sample

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	MS	1	1	05/16/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	2	0	0	Matrix spike recovery not within control limits	PR 50-126	
Cottonwood Creek @ Road 20	MS	1	2	05/16/06	9:30	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	2	0	0	Matrix spike recovery not within control limits	PR 50-126; RPD ≤ 25	
Cottonwood Creek @ Road 20	MS	1	1	06/13/06	8:15	EPA 549.2M	Paraquat dichloride	0.79	µg/L		0.14	0.4	2	40		Matrix spike recovery not within control limits	PR 50-126	
Cottonwood Creek @ Road 20	MS	1	2	06/13/06	8:15	EPA 549.2M	Paraquat dichloride	0.78	µg/L		0.14	0.4	2	39	1.9	Matrix spike recovery not within control limits	PR 50-126; RPD ≤ 25	
Dry Creek @ Wellsford Road	MS	1	1	09/14/06	9:35	EPA 549.2M	Paraquat dichloride	0.65	µg/L		0.25	0.4	2	33		Matrix spike recovery not within control limits;RPD exceeds laboratory control limit	PR 50-126	
Dry Creek @ Wellsford Road	MS	1	2	09/14/06	9:35	EPA 549.2M	Paraquat dichloride	0.49	µg/L		0.25	0.4	2	25	29	Matrix spike recovery not within control limits;RPD exceeds laboratory control limit	PR 50-126; RPD ≤ 25	
Dry Creek at Road 18	MS	1	1	06/13/06	9:20	EPA 547M	Glyphosate	41.7	µg/L		4	5	50	83		None - No QA Qualifier	PR 76-127	
Dry Creek at Road 18	MS	1	2	06/13/06	9:20	EPA 547M	Glyphosate	45.1	µg/L		4	5	50	90	7.9	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Dry Creek at Road 18	MS	1	1	07/11/06	9:50	EPA 549.2M	Paraquat dichloride	0.65	µg/L		0.14	0.4	2	33		Matrix spike recovery not within control limits	PR 50-126	
Dry Creek at Road 18	MS	1	2	07/11/06	9:50	EPA 549.2M	Paraquat dichloride	0.54	µg/L		0.14	0.4	2	27	19	Matrix spike recovery not within control limits	PR 50-126; RPD ≤ 25	
Duck Slough @ Gurr Rd	MS	1	1	09/13/06	9:10	EPA 547M	Glyphosate	53.9	µg/L		4	5	50	108		None - No QA Qualifier	PR 76-127	
Duck Slough @ Gurr Rd	MS	1	2	09/13/06	9:10	EPA 547M	Glyphosate	54.2	µg/L		4	5	50	108	0.44	None - No QA Qualifier	PR 76-127; RPD ≤ 25	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	MS	1	1	09/13/06	9:10	EPA 549.2M	Paraquat dichloride	0.7	µg/L		0.25	0.4	2	35		Matrix spike recovery not within control limits;RPD exceeds laboratory control limit	PR 50-126	
Duck Slough @ Gurr Rd	MS	1	2	09/13/06	9:10	EPA 549.2M	Paraquat dichloride	1.24	µg/L		0.25	0.4	2	62	56	RPD exceeds laboratory control limit	PR 50-126; RPD ≤ 25	
Highline Canal @ Lombardy Rd	MS	1	1	07/12/06	14:00	EPA 547M	Glyphosate	53.8	µg/L		4	5	50	108		None - No QA Qualifier	PR 76-127	
Highline Canal @ Lombardy Rd	MS	1	2	07/12/06	14:00	EPA 547M	Glyphosate	55.5	µg/L		4	5	50	111	3.1	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Jones Drain @ Oakdale Road	MS	1	1	08/10/06	8:30	EPA 547M	Glyphosate	44	µg/L		4	5	50	88		None - No QA Qualifier	PR 76-127	
Jones Drain @ Oakdale Road	MS	1	2	08/10/06	8:30	EPA 547M	Glyphosate	43.4	µg/L		4	5	50	87	1.4	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Jones Drain @ Oakdale Road	MS	1	1	08/10/06	8:30	EPA 549.2M	Paraquat dichloride	1.89	µg/L		0.14	0.4	2	95		None - No QA Qualifier	PR 50-126	
Jones Drain @ Oakdale Road	MS	1	2	08/10/06	8:30	EPA 549.2M	Paraquat dichloride	1.8	µg/L		0.14	0.4	2	90	4.8	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Prairie Flower Drain @ Crows Landing Road	MS	1	1	05/18/06	16:15	EPA 549.2M	Paraquat dichloride	12	µg/L		1.4	4	20	60		Reporting limits elevated due to matrix interferences	PR 50-126	DF=10
Prairie Flower Drain @ Crows Landing Road	MS	1	1	07/13/06	13:30	EPA 549.2M	Paraquat dichloride	0.92	µg/L		0.14	0.4	2	46		Matrix spike recovery not within control limits	PR 50-126	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	2	1	07/05/06	0:00	EPA 547M	Glyphosate	51.6	µg/L		4	5	50	103		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	
Non Ag Waiver QA Sample	MS	1	1	07/05/06	0:00	EPA 547M	Glyphosate	53.6	µg/L		4	5	50	107		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	
Non Ag Waiver QA Sample	MS	1	1	07/05/06	0:00	EPA 547M	Glyphosate	108	µg/L		4	5	100	108		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	
Non Ag Waiver QA Sample	MS	1	2	07/05/06	0:00	EPA 547M	Glyphosate	56.3	µg/L		4	5	50	113	5	Batch quality assurance from another project, parent sample not included in batch	PR 76-127; RPD ≤ 25	
Non Ag Waiver QA Sample	MS	1	1	07/21/06	0:00	EPA 547M	Glyphosate	51.1	µg/L		4	5	50	102		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	
Non Ag Waiver QA Sample	MS	1	1	07/21/06	0:00	EPA 547M	Glyphosate	53.8	µg/L		4	5	50	108		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1	2	07/21/06	0:00	EPA 547M	Glyphosate	52.5	µg/L		4	5	50	105	2.8	Batch quality assurance from another project, parent sample not included in batch	PR 76-127; RPD ≤ 25	
Non Ag Waiver QA Sample	MS	1	2	07/21/06	0:00	EPA 547M	Glyphosate	55.5	µg/L		4	5	50	111	3.1	Batch quality assurance from another project, parent sample not included in batch	PR 76-127; RPD ≤ 25	
Non Ag Waiver QA Sample	MS	1	1	08/08/06	9:37	EPA 547M	Glyphosate	47.8	µg/L		4	5	50	96		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	
Non Ag Waiver QA Sample	MS	1	2	08/08/06	9:37	EPA 547M	Glyphosate	46.6	µg/L		4	5	50	93	2.6	Batch quality assurance from another project, parent sample not included in batch	PR 76-127; RPD ≤ 25	
Non Ag Waiver QA Sample	MS	1	1	08/08/06	13:45	EPA 547M	Glyphosate	65.7	µg/L		4	5	56.55	118		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	
Non Ag Waiver QA Sample	MS	1	2	08/08/06	13:45	EPA 547M	Glyphosate	62.9	µg/L		4	5	56.55	113	4.3	Batch quality assurance from another project, parent sample not included in batch	PR 76-127; RPD ≤ 25	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1	1	09/12/06	12:36	EPA 547M	Glyphosate	49.5	µg/L		4	5	50	99		Batch quality assurance from another project, parent sample not included in batch	PR 76-127	
Non Ag Waiver QA Sample	MS	1	2	09/12/06	12:36	EPA 547M	Glyphosate	47.7	µg/L		4	5	50	95	3.7	Batch quality assurance from another project, parent sample not included in batch	PR 76-127; RPD ≤ 25	
Non Ag Waiver QA Sample	MS	1	1	08/08/06	8:06	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4	2	0		Batch Quality Assurance data from another project; Matrix spike recovery not within control limits; native sample for the MS/MSD or DUP is not included in the batch reported	PR 50-126	
Non Ag Waiver QA Sample	MS	1	1	09/12/06	12:39	EPA 549.2M	Paraquat dichloride	1.39	µg/L		0.25	0.4	2	69		Batch QA from another batch, RPD out of control limit, Native sample for matrix spike or duplicate not included in batch	PR 50-126	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1	2	09/12/06	12:39	EPA 549.2M	Paraquat dichloride	0.98	µg/L		0.25	0.4	2	49	34	Batch QA from another batch, Matrix Spike PR out of control limits, RPD out of control limits, native sample for matrix spike not included in batch	PR 50-126; RPD ≤ 25	
Non Ag Waiver QA Sample	MS	1	1	09/13/06	14:00	EPA 549.2M	Paraquat dichloride	1.78	µg/L		0.25	0.4	2	89		Batch quality assurance from another project, parent sample not included in batch	PR 50-126	
Non Ag Waiver QA Sample	MS	1	2	09/13/06	14:00	EPA 549.2M	Paraquat dichloride	1.72	µg/L		0.25	0.4	2	86	3.4	Batch quality assurance from another project, parent sample not included in batch	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	Lab Blank	1	1	05/22/06	0:00	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	05/24/06	0:00	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	05/24/06	0:00	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	06/12/06	0:00	EPA 547M	Glyphosate	<1.4	µg/L	ND	1.4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	07/05/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	07/05/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1	1	07/05/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	07/21/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	07/21/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	07/21/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	08/15/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	08/15/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	08/15/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	10/04/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	10/04/06	0:00	EPA 547M	Glyphosate	<4	µg/L	ND	4	5				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	05/19/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	05/23/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	05/23/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	05/24/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	06/01/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	06/01/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1	1	06/19/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	06/20/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	06/20/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	06/22/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	07/18/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	07/20/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	08/15/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	08/16/06	0:00	EPA 549.2M	Paraquat dichloride	<0.14	µg/L	ND	0.14	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	09/19/06	0:00	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	Lab Blank	1	1	09/20/06	0:00	EPA 549.2M	Paraquat dichloride	<0.25	µg/L	ND	0.25	0.4				None - No QA Qualifier	<MDL	
Laboratory QA Samples	LCS	1	1	05/22/06	0:00	EPA 547M	Glyphosate	50.6	µg/L		1.4	5	50	101		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	2	05/22/06	0:00	EPA 547M	Glyphosate	50.1	µg/L		1.4	5	50	100	1	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	05/24/06	0:00	EPA 547M	Glyphosate	46	µg/L		1.4	5	50	92		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	2	05/24/06	0:00	EPA 547M	Glyphosate	40	µg/L		1.4	5	50	81	14	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	05/24/06	0:00	EPA 547M	Glyphosate	46	µg/L		1.4	5	50	92		None - No QA Qualifier	PR 76-127	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1	2	05/24/06	0:00	EPA 547M	Glyphosate	40	µg/L		1.4	5	50	81	14	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	06/12/06	0:00	EPA 547M	Glyphosate	51	µg/L		1.4	5	50	103		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	2	06/12/06	0:00	EPA 547M	Glyphosate	49	µg/L		1.4	5	50	98	5.3	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	07/05/06	0:00	EPA 547M	Glyphosate	53.8	µg/L		4	5	50	108		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	1	07/05/06	0:00	EPA 547M	Glyphosate	44.7	µg/L		4	5	50	89		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	1	07/05/06	0:00	EPA 547M	Glyphosate	52.9	µg/L		4	5	50	106		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	2	07/05/06	0:00	EPA 547M	Glyphosate	53.7	µg/L		4	5	50	107	0.12	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	07/05/06	0:00	EPA 547M	Glyphosate	48.7	µg/L		4	5	50	98	8.6	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	07/05/06	0:00	EPA 547M	Glyphosate	54.1	µg/L		4	5	50	108	2.1	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	07/21/06	0:00	EPA 547M	Glyphosate	52.7	µg/L		4	5	50	105		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	1	07/21/06	0:00	EPA 547M	Glyphosate	46.9	µg/L		4	5	50	94		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	1	07/21/06	0:00	EPA 547M	Glyphosate	52.7	µg/L		4	5	50	105		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	2	07/21/06	0:00	EPA 547M	Glyphosate	52.6	µg/L		4	5	50	105	0.19	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	07/21/06	0:00	EPA 547M	Glyphosate	50.2	µg/L		4	5	50	100	6.8	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	07/21/06	0:00	EPA 547M	Glyphosate	52.6	µg/L		4	5	50	105	0.19	None - No QA Qualifier	PR 76-127; RPD ≤ 25	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1	1	08/15/06	0:00	EPA 547M	Glyphosate	47.3	µg/L		4	5	50	95		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	1	08/15/06	0:00	EPA 547M	Glyphosate	53	µg/L		4	5	50	106		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	2	1	08/15/06	0:00	EPA 547M	Glyphosate	42.1	µg/L		4	5	50	84		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	1	2	08/15/06	0:00	EPA 547M	Glyphosate	46.9	µg/L		4	5	50	94	0.83	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	08/15/06	0:00	EPA 547M	Glyphosate	53.1	µg/L		4	5	50	106	0.27	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	2	2	08/15/06	0:00	EPA 547M	Glyphosate	42.5	µg/L		4	5	50	85	1.1	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	10/04/06	0:00	EPA 547M	Glyphosate	52.5	µg/L		4	5	50	105		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	2	1	10/04/06	0:00	EPA 547M	Glyphosate	52.6	µg/L		4	5	50	105		None - No QA Qualifier	PR 76-127	
Laboratory QA Samples	LCS	2	2	10/04/06	0:00	EPA 547M	Glyphosate	55.4	µg/L		4	5	50	111	5.2	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	10/04/06	0:00	EPA 547M	Glyphosate	54.3	µg/L		4	5	50	109	3.3	None - No QA Qualifier	PR 76-127; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	05/19/06	0:00	EPA 549.2M	Paraquat dichloride	1.61	µg/L		0.14	0.4	2	81		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	05/19/06	0:00	EPA 549.2M	Paraquat dichloride	1.65	µg/L		0.14	0.4	2	83	2.5	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	05/23/06	0:00	EPA 549.2M	Paraquat dichloride	0.92	µg/L		0.14	0.4	2	46		Spike analyte recovery is outside stated control limits, RPD exceeds laboratory control limit	PR 50-126	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1	1	05/23/06	0:00	EPA 549.2M	Paraquat dichloride	0.92	µg/L		0.14	0.4	2	46		LCS is outside of acceptance limits	PR 50-126	
Laboratory QA Samples	LCS	1	2	05/23/06	0:00	EPA 549.2M	Paraquat dichloride	1.3	µg/L		0.14	0.4	2	64	34	RPD exceeds laboratory control limit	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	05/23/06	0:00	EPA 549.2M	Paraquat dichloride	1.3	µg/L		0.14	0.4	2	64	34	RPD exceeds laboratory control limit	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	05/24/06	0:00	EPA 549.2M	Paraquat dichloride	1.4	µg/L		0.14	0.4	2	72		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	05/24/06	0:00	EPA 549.2M	Paraquat dichloride	1.3	µg/L		0.14	0.4	2	67	8.2	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	06/01/06	0:00	EPA 549.2M	Paraquat dichloride	0.98	µg/L		0.14	0.4	2	49		Spike analyte recovery is outside stated control limits	PR 50-126	
Laboratory QA Samples	LCS	1	1	06/01/06	0:00	EPA 549.2M	Paraquat dichloride	0.98	µg/L		0.14	0.4	2	49		Spike analyte recovery is outside stated control limits	PR 50-126	
Laboratory QA Samples	LCS	1	2	06/01/06	0:00	EPA 549.2M	Paraquat dichloride	0.91	µg/L		0.14	0.4	2	46	6.6	Spike analyte recovery is outside stated control limits	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	06/01/06	0:00	EPA 549.2M	Paraquat dichloride	0.91	µg/L		0.14	0.4	2	46	6.6	Spike analyte recovery is outside stated control limits	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	06/19/06	0:00	EPA 549.2M	Paraquat dichloride	0.97	µg/L		0.14	0.4	2	48		Percent Recovery exceeds laboratory control limit	PR 50-126	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1	2	06/19/06	0:00	EPA 549.2M	Paraquat dichloride	0.96	µg/L		0.14	0.4	2	48	0.83	Percent Recovery exceeds laboratory control limit	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	06/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.36	µg/L		0.14	0.4	2	68		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	1	06/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.36	µg/L		0.14	0.4	2	68		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	06/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.37	µg/L		0.14	0.4	2	69	0.98	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	2	06/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.37	µg/L		0.14	0.4	2	69	0.98	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	06/22/06	0:00	EPA 549.2M	Paraquat dichloride	1.5	µg/L		0.14	0.4	2	77		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	06/22/06	0:00	EPA 549.2M	Paraquat dichloride	1.4	µg/L		0.14	0.4	2	72	7.1	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	07/18/06	0:00	EPA 549.2M	Paraquat dichloride	1.37	µg/L		0.14	0.4	2	68		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	07/18/06	0:00	EPA 549.2M	Paraquat dichloride	1.4	µg/L		0.14	0.4	2	70	2.3	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	07/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.04	µg/L		0.14	0.4	2	52		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	07/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.13	µg/L		0.14	0.4	2	57	8.4	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	08/15/06	0:00	EPA 549.2M	Paraquat dichloride	0.45	µg/L		0.14	0.4	2	23		LCS is outside of acceptance limits	PR 50-126	
Laboratory QA Samples	LCS	1	2	08/15/06	0:00	EPA 549.2M	Paraquat dichloride	1.73	µg/L		0.14	0.4	2	87	120	RPD exceeds laboratory control limit	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	08/16/06	0:00	EPA 549.2M	Paraquat dichloride	2.07	µg/L		0.14	0.4	2	103		None - No QA Qualifier	PR 50-126	

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1	2	08/16/06	0:00	EPA 549.2M	Paraquat dichloride	2.11	µg/L		0.14	0.4	2	106	2.1	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	09/19/06	0:00	EPA 549.2M	Paraquat dichloride	1.72	µg/L		0.25	0.4	2	86		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	09/19/06	0:00	EPA 549.2M	Paraquat dichloride	1.65	µg/L		0.25	0.4	2	83	3.9	None - No QA Qualifier	PR 50-126; RPD ≤ 25	
Laboratory QA Samples	LCS	1	1	09/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.37	µg/L		0.25	0.4	2	69		None - No QA Qualifier	PR 50-126	
Laboratory QA Samples	LCS	1	2	09/20/06	0:00	EPA 549.2M	Paraquat dichloride	1.67	µg/L		0.25	0.4	2	83	20	None - No QA Qualifier	PR 50-126; RPD ≤ 25	

Table 19. ESJWQC laboratory quality assurance (LABQA) results including laboratory blanks (lab blanks), matrix spikes (MS) and laboratory control spikes (LCS) for inorganic, E. coli, and metal analysis. LABQA was performed for samples collected during the 2006 irrigation season and results are sorted by sample type, station name, analyte and sample date. For laboratory control samples, the sample is equal to the preparation or extraction date; some LABQA samples may appear to be duplicates due to multiple batches run on the same date.

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Ash Slough @ Ave 21	MS	1.00	1.00	09/12/06	12:05	EPA 200.8	Boron	35	µg/L		0.2	1	34	106		None - No QA Qualifier	PR 80-120	DF=1
Ash Slough @ Ave 21	MS	1.00	2.00	09/12/06	12:05	EPA 200.8	Boron	32	µg/L		0.2	1	34	91	8.8	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Ash Slough @ Ave 21	MS	1.00	1.00	05/16/06	15:10	EPA 415.1	Total Organic Carbon	24	mg/L		0.6	1	23.5	101		None - No QA Qualifier	PR 80-120	DF=2
Ash Slough @ Ave 21	MS	1.00	2.00	05/16/06	15:10	EPA 415.1	Total Organic Carbon	24	mg/L		0.3	0.5	23.5	103	1.3	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Ash Slough @ Ave 21	MS	1.00	1.00	06/13/06	12:10	EPA 415.1	Total Organic Carbon	24	mg/L		0.6	1	23.3	103		None - No QA Qualifier	PR 80-120	DF=2
Ash Slough @ Ave 21	MS	1.00	2.00	06/13/06	12:10	EPA 415.1	Total Organic Carbon	24	mg/L		0.6	1	23.3	104	0.8	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Ash Slough @ Ave 21	MS	1.00	1.00	08/08/06	12:20	EPA 415.1	Total Organic Carbon	21	mg/L		0.6	1	22.5	92		None - No QA Qualifier	PR 80-120	DF=2
Ash Slough @ Ave 21	MS	1.00	2.00	08/08/06	12:20	EPA 415.1	Total Organic Carbon	20	mg/L		0.6	1	22.5	90	1.5	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Bear Creek @ Kibby Rd	MS	1.00	1.00	09/12/06	15:45	EPA 200.8	Selenium	20	µg/L		0.9	1	22	90		None - No QA Qualifier	PR 75-125	DF=1
Bear Creek @ Kibby Rd	MS	1.00	2.00	09/12/06	15:45	EPA 200.8	Selenium	18	µg/L		0.9	1	22	83	7.3		PR 75-125; RPD ≤ 25	DF=1
Bear Creek @ Kibby Rd	MS	1.00	1.00	08/09/06	9:30	EPA 415.1	Total Organic Carbon	23	mg/L		0.6	1	23.5	96		None - No QA Qualifier	PR 80-120	DF=2
Bear Creek @ Kibby Rd	MS	1.00	2.00	08/09/06	9:30	EPA 415.1	Total Organic Carbon	23	mg/L		0.6	1	23.5	96	0.4	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Black Rascal Creek @ Yosemite Road	MS	1.00	1.00	09/12/06	16:30	EPA 415.1	Total Organic Carbon	15	mg/L		0.3	0.5	14.9	99		None - No QA Qualifier	PR 80-120	DF=1
Black Rascal Creek @ Yosemite Road	MS	1.00	2.00	09/12/06	16:30	EPA 415.1	Total Organic Carbon	15	mg/L		0.3	0.5	14.9	98	0.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Arsenic	21	µg/L		0.2	0.5	21.2	97		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Arsenic	26	µg/L		0.2	0.5	21.2	122	21		PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	MS	1.00	1.00	08/08/06	8:15	EPA 200.8	Arsenic	26	µg/L		0.3	0.5	25.3	103		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	08/08/06	8:15	EPA 200.8	Arsenic	26	µg/L		0.3	0.5	25.3	102	1.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Boron	30	µg/L		0.2	1	35	75		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Boron	39	µg/L		0.2	1	52	35		QA results outside of acceptance limits due to matrix effects	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Boron	36	µg/L		0.2	1	52	21	7.5	QA results outside of acceptance limits due to matrix effects	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Boron	30	µg/L		0.2	1	35	76	0.8	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	07/11/06	8:30	EPA 200.8	Boron	31	µg/L		0.2	1	36	76		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	07/11/06	8:30	EPA 200.8	Boron	32	µg/L		0.2	1	36	79	2.1	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Cadmium	20	µg/L		0.04	0.1	20	101		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Cadmium	24	µg/L		0.04	0.1	20	122	19		PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	08/08/06	8:15	EPA 200.8	Cadmium	25	µg/L		0.02	0.1	24	103		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	08/08/06	8:15	EPA 200.8	Cadmium	24	µg/L		0.02	0.1	24	102	1.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Copper	23	µg/L		0.08	0.5	24.4	94		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Copper	28	µg/L		0.08	0.5	24.4	119	19		PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	MS	1.00	1.00	08/08/06	8:15	EPA 200.8	Copper	29	µg/L		0.3	0.5	28.1	102		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	08/08/06	8:15	EPA 200.8	Copper	28	µg/L		0.3	0.5	28.1	101	0.4	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 130.2	Hardness as CaCO3	130	mg/L		3	5	132	100		None - No QA Qualifier	PR 80-120	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 130.2	Hardness as CaCO3	140	mg/L		3	5	132	104	3	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Lead	21	µg/L		0.07	0.25	20.42	101		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Lead	25	µg/L		0.07	0.25	20.42	123	19		PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	08/08/06	8:15	EPA 200.8	Lead	27	µg/L		0.1	0.25	24.41	110		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	08/08/06	8:15	EPA 200.8	Lead	26	µg/L		0.1	0.25	24.41	108	1.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Nickel	20	µg/L		0.2	0.5	20.8	95		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Nickel	24	µg/L		0.2	0.5	20.8	116	19		PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	08/08/06	8:15	EPA 200.8	Nickel	26	µg/L		0.4	0.5	25.2	103		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	08/08/06	8:15	EPA 200.8	Nickel	25	µg/L		0.4	0.5	25.2	101	1.7	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Selenium	18	µg/L		0.7	1	20	91		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Selenium	20	µg/L		0.7	1	20	102	11	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 415.1	Total Organic Carbon	14	mg/L		0.3	0.5	14.6	99		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 415.1	Total Organic Carbon	15	mg/L		0.3	0.5	14.6	101	1.4	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	06/13/06	8:15	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	23.6	90		None - No QA Qualifier	PR 80-120	DF=2
Cottonwood Creek @ Road 20	MS	1.00	2.00	06/13/06	8:15	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	23.6	92	2.3	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Cottonwood Creek @ Road 20	MS	1.00	1.00	09/12/06	8:55	EPA 415.1	Total Organic Carbon	14	mg/L		0.3	0.5	15.2	90		None - No QA Qualifier	PR 80-120	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	09/12/06	8:55	EPA 415.1	Total Organic Carbon	14	mg/L		0.3	0.5	15.2	93	1.6	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	05/16/06	9:30	EPA 200.8	Zinc	23	µg/L		0.8	2	24	95		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	05/16/06	9:30	EPA 200.8	Zinc	29	µg/L		0.8	2	24	122	21		PR 75-125; RPD ≤ 25	DF=1
Cottonwood Creek @ Road 20	MS	1.00	1.00	08/08/06	8:15	EPA 200.8	Zinc	28	µg/L		0.4	1	28	104		None - No QA Qualifier	PR 75-125	DF=1
Cottonwood Creek @ Road 20	MS	1.00	2.00	08/08/06	8:15	EPA 200.8	Zinc	27	µg/L		0.4	1	28	98	4.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	1.00	09/12/06	14:15	EPA 200.8	Arsenic	30	µg/L		0.3	0.5	28.1	109		None - No QA Qualifier	PR 75-125	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	2.00	09/12/06	14:15	EPA 200.8	Arsenic	29	µg/L		0.3	0.5	28.1	105	2.5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	1.00	09/12/06	14:15	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	107		None - No QA Qualifier	PR 75-125	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	2.00	09/12/06	14:15	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104	2.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	1.00	09/12/06	14:15	EPA 200.8	Copper	29	µg/L		0.3	0.5	27.7	106		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	2.00	09/12/06	14:15	EPA 200.8	Copper	28	µg/L		0.3	0.5	27.7	101	3.5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	1.00	09/12/06	14:15	EPA 200.8	Lead	23	µg/L		0.1	0.25	21.4	107		None - No QA Qualifier	PR 75-125	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	2.00	09/12/06	14:15	EPA 200.8	Lead	22	µg/L		0.1	0.25	21.4	104	2.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	1.00	09/12/06	14:15	EPA 200.8	Nickel	31	µg/L		0.4	0.5	28.6	110		None - No QA Qualifier	PR 75-125	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	2.00	09/12/06	14:15	EPA 200.8	Nickel	29	µg/L		0.4	0.5	28.6	104	4.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	1.00	09/12/06	14:15	EPA 200.8	Zinc	51	µg/L		0.4	2	49	109		None - No QA Qualifier	PR 75-125	DF=1
Deadman Creek (Dutchman) @ Gurr Rd	MS	1.00	2.00	09/12/06	14:15	EPA 200.8	Zinc	49	µg/L		0.4	2	49	100	3.7	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek @ Wellsford Road	MS	1.00	1.00	08/10/06	12:00	EPA 365.2	Phosphate as P	1.7	mg/L		0.01	0.01	1.74	98		None - No QA Qualifier	PR 80-120	DF=1
Dry Creek @ Wellsford Road	MS	1.00	2.00	08/10/06	12:00	EPA 365.2	Phosphate as P	1.7	mg/L		0.01	0.01	1.74	96	0.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Dry Creek @ Wellsford Road	MS	1.00	1.00	06/15/06	10:20	EPA 415.1	Total Organic Carbon	30	mg/L		0.6	1	32	91		None - No QA Qualifier	PR 80-120	DF=2
Dry Creek @ Wellsford Road	MS	1.00	2.00	06/15/06	10:20	EPA 415.1	Total Organic Carbon	32	mg/L		0.6	1	32	99	5.1	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20.5	105		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20.5	105	0.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	07/11/06	9:50	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	20.9	110		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	MS	1.00	2.00	07/11/06	9:50	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	20.9	112	1.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Boron	24	µg/L		0.2	1	27	87		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Boron	26	µg/L		0.2	1	27	93	5.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	08/08/06	9:30	EPA 200.8	Boron	24	µg/L		0.4	2	26	93		None - No QA Qualifier	PR 75-125	DF=2
Dry Creek at Road 18	MS	1.00	2.00	08/08/06	9:30	EPA 200.8	Boron	24	µg/L		0.4	2	26	90	2.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=2
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	101		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	102	1.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	07/11/06	9:50	EPA 200.8	Cadmium	23	µg/L		0.02	0.1	20	114		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	07/11/06	9:50	EPA 200.8	Cadmium	23	µg/L		0.02	0.1	20	114	0.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Copper	28	µg/L		0.3	0.5	26.3	106		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Copper	27	µg/L		0.3	0.5	26.3	104	1.9	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	07/11/06	9:50	EPA 200.8	Copper	25	µg/L		0.3	0.5	24.1	107		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	07/11/06	9:50	EPA 200.8	Copper	26	µg/L		0.3	0.5	24.1	110	2.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 130.2	Hardness as CaCO3	110	mg/L		3	5	112	94		None - No QA Qualifier	PR 80-120	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 130.2	Hardness as CaCO3	110	mg/L		3	5	112	98	3.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.27	103		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.27	104	1.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	07/11/06	9:50	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.26	104		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	07/11/06	9:50	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.26	104	0.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20.5	103		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20.5	103	0.5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	07/11/06	9:50	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20.5	103		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	07/11/06	9:50	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20.5	104	1.1	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Selenium	17	µg/L		0.9	1	20	85		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Selenium	19	µg/L		0.9	1	20	94	11	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	08/08/06	9:30	EPA 200.8	Selenium	17	µg/L		0.9	1	20	84		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	08/08/06	9:30	EPA 200.8	Selenium	17	µg/L		0.9	1	20	85	1.5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	23.1	95		None - No QA Qualifier	PR 80-120	DF=2
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	23.1	94	1.4	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Dry Creek at Road 18	MS	1.00	1.00	06/13/06	9:20	EPA 200.8	Zinc	27	µg/L		0.4	1	26	102		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	06/13/06	9:20	EPA 200.8	Zinc	27	µg/L		0.4	1	26	103	0.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Dry Creek at Road 18	MS	1.00	1.00	07/11/06	9:50	EPA 200.8	Zinc	27	µg/L		0.4	1	23.2	119		None - No QA Qualifier	PR 75-125	DF=1
Dry Creek at Road 18	MS	1.00	2.00	07/11/06	9:50	EPA 200.8	Zinc	28	µg/L		0.4	1	23.2	123	2.8	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 350.2	Ammonia as N	4.8	mg/L		0.04	0.1	5	95		None - No QA Qualifier	PR 80-120	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 350.2	Ammonia as N	4.7	mg/L		0.04	0.1	5	95	0.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	21.7	105		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	21.7	105	0.5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	06/14/06	8:00	EPA 200.8	Boron	72	µg/L		0.4	2	74	87		None - No QA Qualifier	PR 75-125	DF=2
Duck Slough @ Gurr Rd	MS	1.00	2.00	06/14/06	8:00	EPA 200.8	Boron	72	µg/L		0.4	2	74	87	0.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=2
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Boron	31	µg/L		0.2	1	34	89		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Boron	31	µg/L		0.2	1	34	89	0	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	105	1.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Copper	24	µg/L		0.3	0.5	24	101		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Copper	24	µg/L		0.3	0.5	24	101	0.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 130.2	Hardness as CaCO3	190	mg/L		3	5	182	110		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 130.2	Hardness as CaCO3	190	mg/L		3	5	182	104	3.2	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Lead	23	µg/L		0.1	0.25	20.82	111		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Lead	23	µg/L		0.1	0.25	20.82	113	1	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Nickel	25	µg/L		0.4	0.5	24.5	103		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Nickel	25	µg/L		0.4	0.5	24.5	104	0.8	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 300.0	Nitrate as N	6.1	mg/L		0.006	0.05	6.5	94		None - No QA Qualifier	PR 80-120	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 300.0	Nitrate as N	6.2	mg/L		0.006	0.05	6.5	94	0.1	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.216	94		None - No QA Qualifier	PR 80-120	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.216	94	0	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 351.3	Nitrogen, Total Kjeldahl	5.4	mg/L		0.07	0.1	5.55	98		None - No QA Qualifier	PR 80-120	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 351.3	Nitrogen, Total Kjeldahl	5.5	mg/L		0.07	0.1	5.55	100	1.6	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 365.2	OrthoPhosphate as P	0.22	mg/L		0.01	0.01	0.243	89		None - No QA Qualifier	PR 80-120	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 365.2	OrthoPhosphate as P	0.22	mg/L		0.01	0.01	0.243	89	0	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 365.2	Phosphate as P	1.1	mg/L		0.01	0.01	1.11	96		None - No QA Qualifier	PR 80-120	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 365.2	Phosphate as P	1.1	mg/L		0.01	0.01	1.11	95	1.1	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Selenium	19	µg/L		0.9	1	20	94		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Selenium	19	µg/L		0.9	1	20	96	1.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	06/14/06	8:00	EPA 415.1	Total Organic Carbon	40	mg/L		0.6	1	39	102		None - No QA Qualifier	PR 80-120	DF=2
Duck Slough @ Gurr Rd	MS	1.00	2.00	06/14/06	8:00	EPA 415.1	Total Organic Carbon	38	mg/L		0.6	1	39	92	5.2	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 415.1	Total Organic Carbon	13	mg/L		0.3	0.5	12.7	102		None - No QA Qualifier	PR 80-120	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 415.1	Total Organic Carbon	13	mg/L		0.3	0.5	12.7	102	0.1	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Duck Slough @ Gurr Rd	MS	1.00	1.00	09/13/06	9:10	EPA 200.8	Zinc	41	µg/L		0.4	1	40	101		None - No QA Qualifier	PR 75-125	DF=1
Duck Slough @ Gurr Rd	MS	1.00	2.00	09/13/06	9:10	EPA 200.8	Zinc	41	µg/L		0.4	1	40	102	0.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Hwy 99	MS	1.00	1.00	08/09/06	11:45	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2	95		None - No QA Qualifier	PR 80-120	DF=1
Highline Canal @ Hwy 99	MS	1.00	2.00	08/09/06	11:45	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2	97	1.9	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 350.2	Ammonia as N	4.6	mg/L		0.04	0.1	5	93		None - No QA Qualifier	PR 80-120	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 350.2	Ammonia as N	4.6	mg/L		0.04	0.1	5	93	0.2	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	104	0	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Boron	24	µg/L		0.2	1	26	89		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Boron	24	µg/L		0.2	1	26	91	2.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104	0.1	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Copper	22	µg/L		0.3	0.5	21.1	103		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Copper	22	µg/L		0.3	0.5	21.1	103	0.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 130.2	Hardness as CaCO3	120	mg/L		3	5	128	94		None - No QA Qualifier	PR 80-120	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 130.2	Hardness as CaCO3	130	mg/L		3	5	128	98	3.2	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20.27	98		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20.27	98	0.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20.8	101		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20.8	103	1.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50.011	101		None - No QA Qualifier	PR 80-120	DF=10
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50.011	101	0.1	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=10
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	98		None - No QA Qualifier	PR 80-120	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2	96	2.4	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5.23	93		None - No QA Qualifier	PR 80-120	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5.23	94	1.1	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 365.2	OrthoPhosphate as P	0.23	mg/L		0.01	0.01	0.248	89		None - No QA Qualifier	PR 80-120	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 365.2	OrthoPhosphate as P	0.24	mg/L		0.01	0.01	0.248	94	4.3	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 365.2	Phosphate as P	0.97	mg/L		0.01	0.01	1.035	93		None - No QA Qualifier	PR 80-120	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 365.2	Phosphate as P	0.97	mg/L		0.01	0.01	1.035	93	0	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Selenium	18	µg/L		0.9	1	20	92		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Selenium	17	µg/L		0.9	1	20	87	5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 415.1	Total Organic Carbon	23	mg/L		0.6	1	24.9	92		None - No QA Qualifier	PR 80-120	DF=2
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 415.1	Total Organic Carbon	24	mg/L		0.6	1	24.9	94	1.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Zinc	22	µg/L		0.4	2	22	101		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	1.00	07/12/06	14:00	EPA 200.8	Zinc	24	µg/L		0.4	1	24	102		None - No QA Qualifier	PR 75-125	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Zinc	22	µg/L		0.4	2	22	101	0.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Highline Canal @ Lombardy Rd	MS	1.00	2.00	07/12/06	14:00	EPA 200.8	Zinc	24	µg/L		0.4	1	24	103	0.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	09/14/06	12:00	EPA 200.8	Arsenic	25	µg/L		0.3	0.5	24.5	104		None - No QA Qualifier	PR 75-125	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	09/14/06	12:00	EPA 200.8	Arsenic	25	µg/L		0.3	0.5	24.5	103	0.7	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	09/14/06	12:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20.03	102		None - No QA Qualifier	PR 75-125	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	09/14/06	12:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20.03	101	0.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	09/14/06	12:00	EPA 200.8	Copper	25	µg/L		0.3	0.5	26.8	93		None - No QA Qualifier	PR 75-125	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	09/14/06	12:00	EPA 200.8	Copper	26	µg/L		0.3	0.5	26.8	94	0.7	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	09/14/06	12:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.4	103		None - No QA Qualifier	PR 75-125	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	09/14/06	12:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.4	104	0.5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	09/14/06	12:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	24	97		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	MS	1.00	2.00	09/14/06	12:00	EPA 200.8	Nickel	24	µg/L		0.4	0.5	24	98	0.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	05/18/06	15:10	EPA 354.1	Nitrite as N	0.38	mg/L		0.003	0.03	0.4	91		None - No QA Qualifier	PR 80-120	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	05/18/06	15:10	EPA 354.1	Nitrite as N	0.38	mg/L		0.003	0.03	0.4	90	0.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	06/15/06	12:40	EPA 354.1	Nitrite as N	0.22	mg/L		0.003	0.03	0.222	99		None - No QA Qualifier	PR 80-120	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	06/15/06	12:40	EPA 354.1	Nitrite as N	0.23	mg/L		0.003	0.03	0.222	104	4.9	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	05/18/06	15:10	EPA 365.2	OrthoPhosphate as P	0.72	mg/L		0.01	0.01	0.71	108		None - No QA Qualifier	PR 80-120	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	05/18/06	15:10	EPA 365.2	OrthoPhosphate as P	0.69	mg/L		0.01	0.01	0.71	91	4.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	06/15/06	12:40	EPA 365.2	OrthoPhosphate as P	0.45	mg/L		0.01	0.01	0.45	100		None - No QA Qualifier	PR 80-120	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	06/15/06	12:40	EPA 365.2	OrthoPhosphate as P	0.45	mg/L		0.01	0.01	0.45	100	0.2	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	09/14/06	12:00	EPA 365.2	OrthoPhosphate as P	0.7	mg/L		0.01	0.01	0.7	101		None - No QA Qualifier	PR 80-120	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	09/14/06	12:00	EPA 365.2	OrthoPhosphate as P	0.71	mg/L		0.01	0.01	0.7	102	0.3	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	06/15/06	12:40	EPA 200.8	Selenium	21	µg/L		0.9	1	20	103		None - No QA Qualifier	PR 75-125	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	06/15/06	12:40	EPA 200.8	Selenium	22	µg/L		0.9	1	20	111	7.6	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Hilmar Drain @ Central Ave	MS	1.00	1.00	05/18/06	15:10	EPA 415.1	Total Organic Carbon	27	mg/L		0.6	1	29.3	89		None - No QA Qualifier	PR 80-120	DF=2
Hilmar Drain @ Central Ave	MS	1.00	2.00	05/18/06	15:10	EPA 415.1	Total Organic Carbon	28	mg/L		0.6	1	29.3	93	2.6	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Hilmar Drain @ Central Ave	MS	1.00	1.00	06/15/06	12:40	EPA 415.1	Total Organic Carbon	27	mg/L		0.6	1	23.9	116		None - No QA Qualifier	PR 80-120	DF=2
Hilmar Drain @ Central Ave	MS	1.00	2.00	06/15/06	12:40	EPA 415.1	Total Organic Carbon	28	mg/L		0.6	1	23.9	122	4	QA results outside of acceptance limits due to matrix effects	PR 80-120; RPD ≤ 25	DF=2
Hilmar Drain @ Central Ave	MS	1.00	1.00	09/14/06	12:00	EPA 200.8	Zinc	38	µg/L		0.4	1	42	80			PR 75-125	DF=1
Hilmar Drain @ Central Ave	MS	1.00	2.00	09/14/06	12:00	EPA 200.8	Zinc	38	µg/L		0.4	1	42	80	0.4		PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 350.2	Ammonia as N	4.7	mg/L		0.04	0.1	5.14	91		None - No QA Qualifier	PR 80-120	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 350.2	Ammonia as N	4.6	mg/L		0.04	0.1	5.14	89	2.8	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20.9	98		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20.9	95	2.7	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Boron	22	µg/L		0.2	1	27	77		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Boron	22	µg/L		0.2	1	27	78	0.5	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	100		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Cadmium	19	µg/L		0.02	0.1	20	97	3.3	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Copper	26	µg/L		0.3	0.5	25.3	102		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Copper	27	µg/L		0.3	0.5	25.3	111	6.9	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 130.2	Hardness as CaCO3	150	mg/L		3	5	152	100		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 130.2	Hardness as CaCO3	150	mg/L		3	5	152	96	2.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Lead	22	µg/L		0.1	0.25	20.82	105		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.82	102	2.2	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Nickel	24	µg/L		0.4	0.5	23.2	104		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Nickel	25	µg/L		0.4	0.5	23.2	108	2.7	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 300.0	Nitrate as N	48	mg/L		0.06	0.5	50.13	96		None - No QA Qualifier	PR 80-120	DF=10
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 300.0	Nitrate as N	48	mg/L		0.06	0.5	50.13	96	0.4	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=10
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 354.1	Nitrite as N	0.21	mg/L		0.003	0.03	0.211	100		None - No QA Qualifier	PR 80-120	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 354.1	Nitrite as N	0.21	mg/L		0.003	0.03	0.211	100	0.7	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 351.3	Nitrogen, Total Kjeldahl	5.4	mg/L		0.07	0.1	5.55	97		None - No QA Qualifier	PR 80-120	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 351.3	Nitrogen, Total Kjeldahl	5.7	mg/L		0.07	0.1	5.55	102	4.6	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	07/13/06	8:45	EPA 365.2	OrthoPhosphate as P	0.28	mg/L		0.01	0.01	0.281	101		None - No QA Qualifier	PR 80-120	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	07/13/06	8:45	EPA 365.2	OrthoPhosphate as P	0.27	mg/L		0.01	0.01	0.281	96	3.6	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 365.2	Phosphate as P	1.1	mg/L		0.01	0.01	1.15	98		None - No QA Qualifier	PR 80-120	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 365.2	Phosphate as P	1.1	mg/L		0.01	0.01	1.15	97	1.2	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Selenium	19	µg/L		0.9	1	20	94		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Selenium	20	µg/L		0.9	1	20	99	5.7	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Jones Drain @ Oakdale Road	MS	1.00	1.00	05/17/06	16:30	EPA 415.1	Total Organic Carbon	28	mg/L		0.3	0.5	28.2	100		None - No QA Qualifier	PR 80-120	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	05/17/06	16:30	EPA 415.1	Total Organic Carbon	28	mg/L		0.6	1	18.2	194	2.2	QA results outside of acceptance limits due to matrix effects	PR 80-120; RPD ≤ 25	DF=2
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	24.3	90		None - No QA Qualifier	PR 80-120	DF=2
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 415.1	Total Organic Carbon	23	mg/L		0.6	1	24.3	95	4.4	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Jones Drain @ Oakdale Road	MS	1.00	1.00	08/10/06	8:30	EPA 200.8	Zinc	31	µg/L		0.4	2	32	95		None - No QA Qualifier	PR 75-125	DF=1
Jones Drain @ Oakdale Road	MS	1.00	2.00	08/10/06	8:30	EPA 200.8	Zinc	35	µg/L		0.4	2	32	113	11	None - No QA Qualifier	PR 75-125; RPD ≤ 25	DF=1
Prairie Flower Drain @ Crows Landing Road	MS	1.00	1.00	05/18/06	16:15	EPA 130.2	Hardness as CaCO3	1100	mg/L		15	20	1070	100		None - No QA Qualifier	PR 80-120	DF=5
Prairie Flower Drain @ Crows Landing Road	MS	1.00	2.00	05/18/06	16:15	EPA 130.2	Hardness as CaCO3	1100	mg/L		15	20	1070	100	0	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=5
Prairie Flower Drain @ Crows Landing Road	MS	1.00	1.00	06/15/06	11:40	EPA 415.1	Total Organic Carbon	55	mg/L		0.6	1	45	147		QA results outside of acceptance limits due to matrix effects	PR 80-120	DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Prairie Flower Drain @ Crows Landing Road	MS	1.00	2.00	06/15/06	11:40	EPA 415.1	Total Organic Carbon	45	mg/L		0.6	1	45	97	20	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
South Slough at Quinley Road	MS	1.00	1.00	07/11/06	16:40	EPA 415.1	Total Organic Carbon	25	mg/L		0.6	1	21.5	120		None - No QA Qualifier	PR 80-120	DF=2
South Slough at Quinley Road	MS	1.00	2.00	07/11/06	16:40	EPA 415.1	Total Organic Carbon	26	mg/L		0.6	1	21.5	122	1.6	None - No QA Qualifier	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 350.2	Ammonia as N	20	mg/L		0.07	0.1	20	92		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 350.2	Ammonia as N	4.5	mg/L		0.07	0.1	5	91		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 350.2	Ammonia as N	20	mg/L		0.07	0.1	20	93	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 350.2	Ammonia as N	4.5	mg/L		0.07	0.1	5	90	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	05/18/06	0:00	EPA 350.2	Ammonia as N	4.5	mg/L		0.07	0.1	5	89		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/18/06	0:00	EPA 350.2	Ammonia as N	4.6	mg/L		0.07	0.1	5	93	3.6	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/23/06	0:00	EPA 350.2	Ammonia as N	4.6	mg/L		0.07	0.1	5	92		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/23/06	0:00	EPA 350.2	Ammonia as N	4.6	mg/L		0.07	0.1	5	93	0.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/27/06	0:00	EPA 350.2	Ammonia as N	4.7	mg/L		0.07	0.1	5.19	89		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/27/06	0:00	EPA 350.2	Ammonia as N	4.5	mg/L		0.07	0.1	5.19	87	2.9	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	06/29/06	0:00	EPA 350.2	Ammonia as N	4.5	mg/L		0.07	0.1	5	90		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/29/06	0:00	EPA 350.2	Ammonia as N	4.5	mg/L		0.07	0.1	5	91	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 350.2	Ammonia as N	4.6	mg/L		0.04	0.1	5	92		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 350.2	Ammonia as N	4.4	mg/L		0.04	0.1	5	89	3.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/12/06	0:00	EPA 350.2	Ammonia as N	20	mg/L		0.04	0.1	20	94		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/12/06	0:00	EPA 350.2	Ammonia as N	24	mg/L		0.04	0.1	24	94		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	07/12/06	0:00	EPA 350.2	Ammonia as N	24	mg/L		0.04	0.1	24	88	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/12/06	0:00	EPA 350.2	Ammonia as N	19	mg/L		0.04	0.1	20	89	1.3	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 350.2	Ammonia as N	5	mg/L		0.04	0.1	5	100	2.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/22/06	0:00	EPA 350.2	Ammonia as N	12	mg/L		0.04	0.1	12.3	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/22/06	0:00	EPA 350.2	Ammonia as N	12	mg/L		0.04	0.1	12.3	96	0.3	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	97		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	98	0.9	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 350.2	Ammonia as N	12	mg/L		0.04	0.1	12.3	92		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 350.2	Ammonia as N	3	mg/L		0.04	0.1	5	60		Matrix spike recovery not within control limits	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 350.2	Ammonia as N	12	mg/L		0.04	0.1	12.3	91	0.6	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 350.2	Ammonia as N	3	mg/L		0.04	0.1	5	60	1.1	Matrix spike recovery not within control limits	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/12/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.2	0.5	20.6	109		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/12/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.2	0.5	20.6	105	3.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.2	0.5	21.8	107		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Arsenic	28	µg/L		0.2	0.5	26.8	106		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.2	0.5	21.8	104	2.5	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Arsenic	29	µg/L		0.2	0.5	26.8	111	3.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.2	0.5	21.3	107		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.2	0.5	21.3	110	2.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/06/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	21.6	106		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/06/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	21.6	108	1.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 200.8	Arsenic	24	µg/L		0.3	0.5	22.6	105		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	22.6	105	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/21/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	21.1	104		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/21/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	21.1	104	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/22/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	21.1	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/22/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	21.1	103	1.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 200.8	Arsenic	23	µg/L		0.3	0.5	22	105		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	22	102	2.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	21.3	98		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20.5	98		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	24	µg/L		0.3	0.5	23.5	103		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	21.3	97	0.9	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20.5	98	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Arsenic	24	µg/L		0.3	0.5	23.5	101	1.9	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	21.6	103		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	21.6	104	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	21	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	21	104	1.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Boron	90	µg/L		0.2	1	92	87		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Boron	160	µg/L		1	5	170	48		Sample > 4x spike concentration; QA results outside of acceptance limits due to matrix effects	PR 75-125	DF=5
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Boron	89	µg/L		0.2	1	92	85	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Boron	160	µg/L		1	5	170	51	0.5	Sample > 4x spike concentration; QA results outside of acceptance limits due to matrix effects	PR 75-125; RPD ≤ 25	DF=5
Non Ag Waiver QA Sample	MS	1.00	1.00	05/26/06	0:00	EPA 200.8	Boron	690	µg/L		2	10	710	-25		Sample > 4x spike concentration; QA results outside of acceptance limits due to matrix effects	PR 75-125	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	05/26/06	0:00	EPA 200.8	Boron	680	µg/L		2	10	710	-39	0.4	Sample > 4x spike concentration; QA results outside of acceptance limits due to matrix effects	PR 75-125; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	08/17/06	0:00	EPA 200.8	Boron	99	µg/L		0.2	1	105	68		Sample>4X spike, Batch QA from another project, parent sample not included in batch results, Matrix Spike percent recovery outside limits.	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/17/06	0:00	EPA 200.8	Boron	100	µg/L		0.2	1	105	86	3.5	Sample>4X spike, Batch QA from another project, parent sample not included in batch results.	PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Boron	500	µg/L		1	5	470	244		Sample>4X spike, Batch QA from another project, parent sample not included in batch results, Matrix Spike percent recovery outside limits.	PR 75-125	DF=5
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Boron	470	µg/L		1	5	470	111	5.4	Sample>4X spike, Batch QA from another project, parent sample not included in batch results.	PR 75-125; RPD ≤ 25	DF=5
Non Ag Waiver QA Sample	MS	1.00	1.00	05/12/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.04	0.1	20	103		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/12/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.04	0.1	20	103	0.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.04	0.1	20	106		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.04	0.1	20.05	99		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.04	0.1	20	107	1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.04	0.1	20.05	101	2.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.04	0.1	20	107		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 200.8	Cadmium	22	µg/L		0.04	0.1	20	109	1.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/06/06	0:00	EPA 200.8	Cadmium	19	µg/L		0.02	0.1	20.04	96		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/06/06	0:00	EPA 200.8	Cadmium	19	µg/L		0.02	0.1	20.04	96	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	100	2.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/21/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	105		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/21/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	105	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/22/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	99		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/22/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	101	1.7	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	99		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	99	0	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20.5	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	19	µg/L		0.02	0.1	20	97		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	100		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20.5	101	0.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	99	1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Cadmium	19	µg/L		0.02	0.1	20	96	1.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	105	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	100		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	101	1.5	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/12/06	0:00	EPA 200.8	Copper	33	µg/L		0.08	0.5	33	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/12/06	0:00	EPA 200.8	Copper	32	µg/L		0.08	0.5	33	97	3.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Copper	31	µg/L		0.08	0.5	31	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Copper	24	µg/L		0.08	0.5	23.3	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Copper	32	µg/L		0.08	0.5	31	109	4.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Copper	23	µg/L		0.08	0.5	23.3	100	1.7	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 200.8	Copper	25	µg/L		0.08	0.5	23.2	108		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 200.8	Copper	25	µg/L		0.08	0.5	23.2	108	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 200.8	Copper	23	µg/L		0.3	0.5	22.8	99		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 200.8	Copper	22	µg/L		0.3	0.5	22.8	96	2.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/21/06	0:00	EPA 200.8	Copper	23	µg/L		0.3	0.5	22.8	103		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/21/06	0:00	EPA 200.8	Copper	23	µg/L		0.3	0.5	22.8	102	0.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/22/06	0:00	EPA 200.8	Copper	24	µg/L		0.3	0.5	23	106		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/22/06	0:00	EPA 200.8	Copper	24	µg/L		0.3	0.5	23	104	1.9	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	21.6	98		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	21.6	97	1.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	20	µg/L		0.3	0.5	20	101		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	26	µg/L		0.3	0.5	26.4	97		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	84	µg/L		0.3	0.5	83	104		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Copper	84	µg/L		0.3	0.5	83	104	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Copper	26	µg/L		0.3	0.5	26.4	97	0.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Copper	20	µg/L		0.3	0.5	20	102	1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Copper	24	µg/L		0.3	0.5	22.8	105		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Copper	24	µg/L		0.3	0.5	22.8	106	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 200.8	Copper	25	µg/L		0.3	0.5	26.9	92		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 200.8	Copper	26	µg/L		0.3	0.5	26.9	96	2.5	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 130.2	Hardness as CaCO3	140	mg/L		3	5	140	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 130.2	Hardness as CaCO3	140	mg/L		3	5	140	96	1.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/15/06	0:00	EPA 130.2	Hardness as CaCO3	150	mg/L		3	5	148	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/15/06	0:00	EPA 130.2	Hardness as CaCO3	150	mg/L		3	5	148	98	0	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 130.2	Hardness as CaCO3	160	mg/L		3	5	166	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 130.2	Hardness as CaCO3	160	mg/L		3	5	166	98	0	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/14/06	0:00	EPA 130.2	Hardness as CaCO3	420	mg/L		6	10	390	114		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	08/14/06	0:00	EPA 130.2	Hardness as CaCO3	380	mg/L		6	10	390	94	10	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	08/15/06	0:00	EPA 130.2	Hardness as CaCO3	200	mg/L		3	5	200	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	08/15/06	0:00	EPA 130.2	Hardness as CaCO3	200	mg/L		3	5	200	102	3	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 130.2	Hardness as CaCO3	300	mg/L		3	5	300	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 130.2	Hardness as CaCO3	300	mg/L		3	5	300	94	0.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/19/06	0:00	EPA 130.2	Hardness as CaCO3	230	mg/L		6	10	240	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	09/19/06	0:00	EPA 130.2	Hardness as CaCO3	240	mg/L		6	10	240	98	1.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	05/12/06	0:00	EPA 200.8	Lead	21	µg/L		0.07	0.25	20.16	104		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/12/06	0:00	EPA 200.8	Lead	21	µg/L		0.07	0.25	20.16	105	0.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Lead	22	µg/L		0.07	0.25	20.48	106		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Lead	20	µg/L		0.07	0.25	20.26	99		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Lead	20	µg/L		0.07	0.25	20.26	100	1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Lead	22	µg/L		0.07	0.25	20.48	106	0.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 200.8	Lead	22	µg/L		0.07	0.25	20.56	108		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 200.8	Lead	22	µg/L		0.07	0.25	20.56	108	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/06/06	0:00	EPA 200.8	Lead	19	µg/L		0.1	0.25	20.14	96		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/06/06	0:00	EPA 200.8	Lead	19	µg/L		0.1	0.25	20.14	96	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 200.8	Lead	19	µg/L		0.1	0.25	20.18	96		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 200.8	Lead	19	µg/L		0.1	0.25	20.18	95	1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.74	101		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.74	101	0.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/22/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.72	101		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/22/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20.72	101	0.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20.12	97		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 200.8	Lead	19	µg/L		0.1	0.25	20.12	97	0.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	22	µg/L		0.1	0.25	21.6	104		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	105		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20.27	100		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Lead	22	µg/L		0.1	0.25	21.6	102	2.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20.27	100	0.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	106	1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Lead	22	µg/L		0.1	0.25	20.3	108		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Lead	22	µg/L		0.1	0.25	20.3	110	1.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 200.8	Lead	19	µg/L		0.1	0.25	20.25	94		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 200.8	Lead	19	µg/L		0.1	0.25	20.25	96	2.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/12/06	0:00	EPA 200.8	Nickel	24	µg/L		0.2	0.5	24.3	100		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/12/06	0:00	EPA 200.8	Nickel	25	µg/L		0.2	0.5	24.3	101	0.9	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Nickel	24	µg/L		0.2	0.5	23.2	104		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Nickel	23	µg/L		0.2	0.5	22.4	103		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Nickel	23	µg/L		0.2	0.5	22.4	101	2.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Nickel	25	µg/L		0.2	0.5	23.2	108	3.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 200.8	Nickel	26	µg/L		0.2	0.5	23.9	108		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 200.8	Nickel	26	µg/L		0.2	0.5	23.9	110	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/06/06	0:00	EPA 200.8	Nickel	25	µg/L		0.4	0.5	26.1	97		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/06/06	0:00	EPA 200.8	Nickel	26	µg/L		0.4	0.5	26.1	101	3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	23.7	97		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	23.7	94	2.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/21/06	0:00	EPA 200.8	Nickel	24	µg/L		0.4	0.5	23.2	103		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/21/06	0:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	23.2	101	1.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/22/06	0:00	EPA 200.8	Nickel	24	µg/L		0.4	0.5	23	105		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/22/06	0:00	EPA 200.8	Nickel	24	µg/L		0.4	0.5	23	104	0.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	23.6	99		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	23.6	97	1.7	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	20	µg/L		0.4	0.5	20	98		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	23.1	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	22	µg/L		0.4	0.5	23	96		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Nickel	20	µg/L		0.4	0.5	20	99	0.8	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Nickel	23	µg/L		0.4	0.5	23.1	100	1.5	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Nickel	22	µg/L		0.4	0.5	23	95	0.7	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Nickel	25	µg/L		0.4	0.5	23.4	110		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Nickel	26	µg/L		0.4	0.5	23.4	112	2.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 200.8	Nickel	24	µg/L		0.4	0.5	24.8	96		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 200.8	Nickel	24	µg/L		0.4	0.5	24.8	98	1.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/15/06	0:00	EPA 300.0	Nitrate as N	57	mg/L		0.3	0.5	56	101		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	05/15/06	0:00	EPA 300.0	Nitrate as N	56	mg/L		0.3	0.5	56	101	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 300.0	Nitrate as N	60	mg/L		0.3	0.5	58.5	103		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 300.0	Nitrate as N	60	mg/L		0.3	0.5	58.5	103	0.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	05/18/06	0:00	EPA 300.0	Nitrate as N	51	mg/L		0.3	0.5	50	102		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/18/06	0:00	EPA 300.0	Nitrate as N	51	mg/L		0.3	0.5	50	103	0.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50	100		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50	99	0.8	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	06/15/06	0:00	EPA 300.0	Nitrate as N	51	mg/L		0.06	0.5	50.51	101		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	06/15/06	0:00	EPA 300.0	Nitrate as N	51	mg/L		0.06	0.5	50.51	101	0.3	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	06/16/06	0:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50	100		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/16/06	0:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50	100	0.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 300.0	Nitrate as N	61	mg/L		0.06	0.5	59.6	103		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 300.0	Nitrate as N	61	mg/L		0.06	0.5	59.6	102	0.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50	101		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 300.0	Nitrate as N	50	mg/L		0.06	0.5	50	101	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	08/10/06	0:00	EPA 300.0	Nitrate as N	52	mg/L		0.06	0.5	52.9	99		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	08/10/06	0:00	EPA 300.0	Nitrate as N	51	mg/L		0.06	0.5	50	103		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	08/10/06	0:00	EPA 300.0	Nitrate as N	52	mg/L		0.06	0.5	50	103	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	08/10/06	0:00	EPA 300.0	Nitrate as N	53	mg/L		0.06	0.5	52.9	100	0.6	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 300.0	Nitrate as N	4.8	mg/L		0.006	0.05	5	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 300.0	Nitrate as N	4.8	mg/L		0.006	0.05	5	96	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/14/06	0:00	EPA 300.0	Nitrate as N	5.6	mg/L		0.006	0.05	5.68	99		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/14/06	0:00	EPA 300.0	Nitrate as N	5.5	mg/L		0.006	0.05	5.68	97	1.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	100		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	99	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 354.1	Nitrite as N	0.18	mg/L		0.003	0.03	0.2	89		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 354.1	Nitrite as N	0.18	mg/L		0.003	0.03	0.2	89	0.6	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.213	89		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.213	88	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/15/06	0:00	EPA 354.1	Nitrite as N	6	mg/L		0.075	0.8	6.2	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=25
Non Ag Waiver QA Sample	MS	1.00	2.00	06/15/06	0:00	EPA 354.1	Nitrite as N	6.1	mg/L		0.075	0.8	6.2	98	1.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=25
Non Ag Waiver QA Sample	MS	1.00	1.00	07/10/06	0:00	EPA 354.1	Nitrite as N	0.17	mg/L		0.003	0.03	0.2083	81		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/10/06	0:00	EPA 354.1	Nitrite as N	0.17	mg/L		0.003	0.03	0.2083	81	0.9	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 354.1	Nitrite as N	0.18	mg/L		0.003	0.03	0.2096	87		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2096	90	3	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	99	1.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/09/06	0:00	EPA 354.1	Nitrite as N	0.27	mg/L		0.003	0.03	0.286	93		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/09/06	0:00	EPA 354.1	Nitrite as N	0.26	mg/L		0.003	0.03	0.286	87	5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2	97	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/14/06	0:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/14/06	0:00	EPA 354.1	Nitrite as N	0.19	mg/L		0.003	0.03	0.2	95	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	6	mg/L		0.07	0.1	6.4	92		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.9	mg/L		0.07	0.1	6.4	91	1.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/18/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	49	mg/L		0.35	0.5	51	95		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/18/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	50	mg/L		0.35	0.5	51	97	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=5
Non Ag Waiver QA Sample	MS	1.00	1.00	05/23/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	58	mg/L		0.35	0.5	60	91		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=5
Non Ag Waiver QA Sample	MS	1.00	2.00	05/23/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	57	mg/L		0.35	0.5	60	91	0.3	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=5
Non Ag Waiver QA Sample	MS	1.00	1.00	06/20/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.1	mg/L		0.07	0.1	5.69	88		QA results outside of acceptance limits due to matrix effects; RPD exceeds laboratory control limit	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/20/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	8.7	mg/L		0.07	0.1	5.69	161	53	QA results outside of acceptance limits due to matrix effects; RPD exceeds laboratory control limit	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/26/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.7	mg/L		0.07	0.1	5	94		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/26/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.8	mg/L		0.07	0.1	5	95	0.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	15	mg/L		0.07	0.1	16	84		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	15	mg/L		0.07	0.1	16	96	3.8	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/12/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	8.1	mg/L		0.07	0.1	8.4	94		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/12/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	8.2	mg/L		0.07	0.1	8.4	96	1.6	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/14/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.9	mg/L		0.07	0.1	6.2	94		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	07/14/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.8	mg/L		0.07	0.1	6.2	93	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/17/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	6.4	mg/L		0.07	0.1	6.6	97		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/17/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	6.5	mg/L		0.07	0.1	6.6	98	0.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	6.4	mg/L		0.07	0.1	6.6	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	6.7	mg/L		0.07	0.1	6.6	102	4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/22/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.8	mg/L		0.07	0.1	5	97		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	08/22/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.7	mg/L		0.07	0.1	5	94	2.8	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.9	mg/L		0.07	0.1	5.9	100		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.9	mg/L		0.07	0.1	5.9	101	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	73	mg/L		0.35	0.5	72	107		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=5
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	71	mg/L		0.35	0.5	72	98	3.1	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=5
Non Ag Waiver QA Sample	MS	1.00	1.00	09/15/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	6	mg/L		0.07	0.1	6.1	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/15/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.9	mg/L		0.07	0.1	6.1	96	1.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 365.2	OrthoPhosphate as P	0.19	mg/L		0.01	0.01	0.2	96		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 365.2	OrthoPhosphate as P	0.2	mg/L		0.01	0.01	0.2	98	1.6	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 365.2	OrthoPhosphate as P	0.63	mg/L		0.01	0.01	0.64	97		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 365.2	OrthoPhosphate as P	0.62	mg/L		0.01	0.01	0.64	93	1.1	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/15/06	0:00	EPA 365.2	OrthoPhosphate as P	3.2	mg/L		0.01	0.01	3.2	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/15/06	0:00	EPA 365.2	OrthoPhosphate as P	3.2	mg/L		0.01	0.01	3.2	97	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 365.2	OrthoPhosphate as P	0.32	mg/L		0.01	0.01	0.3	109		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 365.2	OrthoPhosphate as P	0.32	mg/L		0.01	0.01	0.3	112	1.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 365.2	OrthoPhosphate as P	0.21	mg/L		0.01	0.01	0.206	104		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 365.2	OrthoPhosphate as P	0.21	mg/L		0.01	0.01	0.206	104	0	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/15/06	0:00	EPA 365.2	Phosphate as P	0.96	mg/L		0.01	0.01	1.1	85		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/15/06	0:00	EPA 365.2	Phosphate as P	0.96	mg/L		0.01	0.01	1.1	85	0	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/19/06	0:00	EPA 365.2	Phosphate as P	18	mg/L		0.1	0.1	18	111		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=10
Non Ag Waiver QA Sample	MS	1.00	2.00	05/19/06	0:00	EPA 365.2	Phosphate as P	18	mg/L		0.1	0.1	18	101	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=10
Non Ag Waiver QA Sample	MS	1.00	1.00	06/27/06	0:00	EPA 365.2	Phosphate as P	2.5	mg/L		0.02	0.02	2.6	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	06/27/06	0:00	EPA 365.2	Phosphate as P	2.6	mg/L		0.02	0.02	2.6	98	0.3	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 365.2	Phosphate as P	1.1	mg/L		0.01	0.01	1.15	97		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 365.2	Phosphate as P	1.1	mg/L		0.01	0.01	1.15	96	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/14/06	0:00	EPA 365.2	Phosphate as P	1.4	mg/L		0.01	0.01	1.39	102		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/14/06	0:00	EPA 365.2	Phosphate as P	1.4	mg/L		0.01	0.01	1.39	99	1.8	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/05/06	0:00	EPA 365.2	Phosphate as P	3.7	mg/L		0.02	0.02	3.8	93		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	09/05/06	0:00	EPA 365.2	Phosphate as P	3.7	mg/L		0.02	0.02	3.8	95	0.7	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	05/18/06	0:00	EPA 200.8	Selenium	23	µg/L		0.7	1	23	101		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/18/06	0:00	EPA 200.8	Selenium	22	µg/L		0.7	1	23	96	4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/23/06	0:00	EPA 200.8	Selenium	18	µg/L		0.7	1	20	88		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/23/06	0:00	EPA 200.8	Selenium	17	µg/L		0.7	1	20	86	2.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/05/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	21	91		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/05/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	21	89	1.9	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/22/06	0:00	EPA 200.8	Selenium	18	µg/L		0.9	1	20	90		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/22/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	94	3.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 200.8	Selenium	21	µg/L		0.9	1	23	91		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/11/06	0:00	EPA 200.8	Selenium	25	µg/L		0.9	1	20	125		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 200.8	Selenium	21	µg/L		0.9	1	20	105	17	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	07/11/06	0:00	EPA 200.8	Selenium	22	µg/L		0.9	1	23	96	4.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/18/06	0:00	EPA 200.8	Selenium	22	µg/L		0.9	1	22	101		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	08/18/06	0:00	EPA 200.8	Selenium	21	µg/L		0.9	1	22	97	3.7	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/06/06	0:00	EPA 200.8	Selenium	20	µg/L		0.9	1	22	89		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/06/06	0:00	EPA 200.8	Selenium	21	µg/L		0.9	1	22	95	5.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Selenium	22	µg/L		0.9	1	21	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Selenium	20	µg/L		0.9	1	21	97	5.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/19/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	2	20	96		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/19/06	0:00	EPA 200.8	Selenium	17	µg/L		0.9	2	20	87	10	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/19/06	0:00	EPA 415.1	Total Organic Carbon	25	mg/L		0.6	1	26.4	91		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	08/19/06	0:00	EPA 415.1	Total Organic Carbon	24	mg/L		0.6	1	26.4	89	1.6	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	08/24/06	0:00	EPA 415.1	Total Organic Carbon	21	mg/L		0.6	1	21.5	98		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	08/24/06	0:00	EPA 415.1	Total Organic Carbon	21	mg/L		0.6	1	21.5	99	0.5	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	08/27/06	0:00	EPA 415.1	Total Organic Carbon	23	mg/L		0.6	1	22.7	101		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	08/27/06	0:00	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	22.7	97	3.1	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	08/29/06	0:00	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	25	86		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	08/29/06	0:00	EPA 415.1	Total Organic Carbon	22	mg/L		0.6	1	25	87	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 415.1	Total Organic Carbon	26	mg/L		0.6	1	25.7	101		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=2
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 415.1	Total Organic Carbon	26	mg/L		0.6	1	25.7	101	0	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=2
Non Ag Waiver QA Sample	MS	1.00	1.00	09/14/06	0:00	EPA 415.1	Total Organic Carbon	13	mg/L		0.3	0.5	13.2	102		Batch quality assurance from another project, parent sample not included in batch	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	09/14/06	0:00	EPA 415.1	Total Organic Carbon	13	mg/L		0.3	0.5	13.2	102	0.1	Batch quality assurance from another project, parent sample not included in batch	PR 80-120; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/12/06	0:00	EPA 200.8	Zinc	110	µg/L		0.8	1	106	98		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/12/06	0:00	EPA 200.8	Zinc	110	µg/L		0.8	1	106	104	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Zinc	25	µg/L		0.8	1	24	106		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/16/06	0:00	EPA 200.8	Zinc	66	µg/L		0.8	1	69	87		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Zinc	69	µg/L		0.8	1	69	98	3.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	05/16/06	0:00	EPA 200.8	Zinc	25	µg/L		0.8	1	24	104	1.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	05/17/06	0:00	EPA 200.8	Zinc	31	µg/L		0.8	1	29	109		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	05/17/06	0:00	EPA 200.8	Zinc	32	µg/L		0.8	1	29	112	1.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/06/06	0:00	EPA 200.8	Zinc	48	µg/L		0.4	1	49	95		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/06/06	0:00	EPA 200.8	Zinc	48	µg/L		0.4	1	49	98	1.6	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/14/06	0:00	EPA 200.8	Zinc	32	µg/L		0.4	1	32	97		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	06/14/06	0:00	EPA 200.8	Zinc	31	µg/L		0.4	1	32	96	0.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/21/06	0:00	EPA 200.8	Zinc	26	µg/L		0.4	1	25	106		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/21/06	0:00	EPA 200.8	Zinc	26	µg/L		0.4	1	25	106	0.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	06/22/06	0:00	EPA 200.8	Zinc	30	µg/L		0.4	1	30	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	06/22/06	0:00	EPA 200.8	Zinc	31	µg/L		0.4	1	30	104	1.1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	07/13/06	0:00	EPA 200.8	Zinc	24	µg/L		0.4	1	26	92		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	2.00	07/13/06	0:00	EPA 200.8	Zinc	24	µg/L		0.4	1	26	91	1.2	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Zinc	40	µg/L		0.4	2	40	99		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/21/06	0:00	EPA 200.8	Zinc	21	µg/L		0.4	1	22	98		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	22	100	1.7	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	08/21/06	0:00	EPA 200.8	Zinc	39	µg/L		0.4	2	40	97	1	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	08/28/06	0:00	EPA 200.8	Zinc	310	µg/L		2	5	320	49		Matrix spike recovery not within control limits	PR 75-125	DF=5
Non Ag Waiver QA Sample	MS	1.00	2.00	08/28/06	0:00	EPA 200.8	Zinc	300	µg/L		2	5	320	29	1.3	Matrix spike recovery not within control limits	PR 75-125; RPD ≤ 25	DF=5

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Non Ag Waiver QA Sample	MS	1.00	1.00	09/12/06	0:00	EPA 200.8	Zinc	24	µg/L		0.4	1	23	102		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/12/06	0:00	EPA 200.8	Zinc	24	µg/L		0.4	1	23	105	2.3	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Non Ag Waiver QA Sample	MS	1.00	1.00	09/13/06	0:00	EPA 200.8	Zinc	33	µg/L		0.4	1	36	86		Batch quality assurance from another project, parent sample not included in batch	PR 75-125	DF=1
Non Ag Waiver QA Sample	MS	1.00	2.00	09/13/06	0:00	EPA 200.8	Zinc	34	µg/L		0.4	1	36	88	1.4	Batch quality assurance from another project, parent sample not included in batch	PR 75-125; RPD ≤ 25	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/27/06	0:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/27/06	0:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/29/06	0:00	EPA 350.2	Ammonia as N	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/22/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	07/22/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/24/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/26/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/23/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/20/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/26/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/28/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/28/06	0:00	EPA 350.2	Ammonia as N	<0.04	mg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Arsenic	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Arsenic	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Arsenic	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Arsenic	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/02/06	0:00	EPA 200.8	Arsenic	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/21/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/26/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/01/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/20/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/26/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 200.8	Arsenic	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Boron	0.6	µg/L	DNQ	0.2	1				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/05/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/16/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/19/06	0:00	EPA 200.8	Boron	0.3	µg/L	DNQ	0.2	1				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/19/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	08/17/06	0:00	EPA 200.8	Boron	0.3	µg/L	DNQ	0.2	1				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/17/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/26/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/26/06	0:00	EPA 200.8	Boron	<0.2	µg/L	ND	0.2	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 200.8	Cadmium	<0.04	µg/L	ND	0.04	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/20/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/26/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/01/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/20/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/25/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 200.8	Cadmium	<0.02	µg/L	ND	0.02	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Copper	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Copper	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Copper	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Copper	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 200.8	Copper	<0.08	µg/L	ND	0.08	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/20/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/26/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/01/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/20/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/25/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 200.8	Copper	<0.3	µg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/17/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:04
Laboratory QA Samples	Lab Blank	1.00	1.00	05/18/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:05
Laboratory QA Samples	Lab Blank	1.00	1.00	05/19/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:00
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:27
Laboratory QA Samples	Lab Blank	1.00	1.00	06/15/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:52
Laboratory QA Samples	Lab Blank	1.00	1.00	06/16/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=07:51
Laboratory QA Samples	Lab Blank	1.00	1.00	07/12/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=07:47
Laboratory QA Samples	Lab Blank	1.00	1.00	07/13/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:07
Laboratory QA Samples	Lab Blank	1.00	1.00	07/14/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:00
Laboratory QA Samples	Lab Blank	1.00	1.00	08/09/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:27
Laboratory QA Samples	Lab Blank	1.00	1.00	08/10/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=07:30
Laboratory QA Samples	Lab Blank	1.00	1.00	08/11/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=07:50
Laboratory QA Samples	Lab Blank	1.00	1.00	09/14/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=08:15
Laboratory QA Samples	Lab Blank	1.00	1.00	09/15/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=07:46
Laboratory QA Samples	Lab Blank	1.00	1.00	09/16/06	0:00	SM 9223	E. coli	<1	MPN/100 mL	ND	1	1				None - No QA Qualifier	<MDL	AnalysisTime=07:34
Laboratory QA Samples	Lab Blank	1.00	1.00	05/25/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/25/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/15/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/17/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	5	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/24/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/14/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/18/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/18/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/28/06	0:00	EPA 130.2	Hardness as CaCO3	<3	mg/L	ND	3	5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Lead	<0.07	µg/L	ND	0.07	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Lead	<0.07	µg/L	ND	0.07	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Lead	<0.07	µg/L	ND	0.07	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Lead	<0.07	µg/L	ND	0.07	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 200.8	Lead	<0.07	µg/L	ND	0.07	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/20/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/26/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	08/01/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 200.8	Lead	0.11	µg/L	DNQ	0.1	0.25				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/20/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/25/06	0:00	EPA 200.8	Lead	<0.1	µg/L	ND	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 200.8	Lead	0.1	µg/L	DNQ	0.1	0.25				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Nickel	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Nickel	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Nickel	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Nickel	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 200.8	Nickel	<0.2	µg/L	ND	0.2	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	07/20/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/26/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/01/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/20/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/25/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 200.8	Nickel	<0.4	µg/L	ND	0.4	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/17/06	0:00	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/18/06	0:00	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/19/06	0:00	EPA 300.0	Nitrate as N	<0.03	mg/L	ND	0.03	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/15/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/16/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/12/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/13/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/14/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/10/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	08/10/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/11/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/13/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/14/06	0:00	EPA 300.0	Nitrate as N	<0.006	mg/L	ND	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/15/06	0:00	EPA 300.0	Nitrate as N	0.008	mg/L	DNQ	0.006	0.05				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/17/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/18/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/19/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/15/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/16/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/13/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/13/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/14/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/09/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/10/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/11/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/13/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/14/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/15/06	0:00	EPA 354.1	Nitrite as N	<0.003	mg/L	ND	0.003	0.03				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/06/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	06/20/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/26/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/25/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/28/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/30/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/22/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/25/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	<0.07	mg/L	ND	0.07	0.1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/17/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/19/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/15/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/16/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/13/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/13/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/14/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/13/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	09/14/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/15/06	0:00	EPA 365.2	OrthoPhosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/25/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/27/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/18/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/20/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/14/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/16/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/24/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 365.2	Phosphate as P	<0.01	mg/L	ND	0.01	0.01				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 200.8	Selenium	<0.7	µg/L	ND	0.7	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/14/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/20/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/26/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/21/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/27/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/27/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/16/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	08/18/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/18/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/22/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/28/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/29/06	0:00	EPA 200.8	Selenium	<0.9	µg/L	ND	0.9	2				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/22/06	0:00	EPA 160.1	Total Dissolved Solids	<5.6	mg/L	ND	5.6	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/23/06	0:00	EPA 160.1	Total Dissolved Solids	<5.6	mg/L	ND	5.6	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/24/06	0:00	EPA 160.1	Total Dissolved Solids	<5.6	mg/L	ND	5.6	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/19/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/18/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/19/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/14/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/16/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/18/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 160.1	Total Dissolved Solids	<4	mg/L	ND	4	10				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/02/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/06/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/13/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/27/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/10/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/12/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/01/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/07/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/19/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/24/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/27/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/29/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	10/02/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	10/09/06	0:00	EPA 415.1	Total Organic Carbon	0.46	mg/L	DNQ	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	10/09/06	0:00	EPA 415.1	Total Organic Carbon	<0.3	mg/L	ND	0.3	0.5				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Zinc	<0.8	µg/L	ND	0.8	2				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Zinc	<0.8	µg/L	ND	0.8	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/30/06	0:00	EPA 200.8	Zinc	<0.8	µg/L	ND	0.8	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	05/31/06	0:00	EPA 200.8	Zinc	<0.8	µg/L	ND	0.8	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/01/06	0:00	EPA 200.8	Zinc	<0.8	µg/L	ND	0.8	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/19/06	0:00	EPA 200.8	Zinc	0.5	µg/L	DNQ	0.4	1				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/21/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	06/22/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	06/23/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/21/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	07/26/06	0:00	EPA 200.8	Zinc	0.7	µg/L	DNQ	0.4	2				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/02/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/03/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/15/06	0:00	EPA 200.8	Zinc	<0.4	µg/L	ND	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Zinc	0.5	µg/L	DNQ	0.4	1				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/21/06	0:00	EPA 200.8	Zinc	0.7	µg/L	DNQ	0.4	2				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/22/06	0:00	EPA 200.8	Zinc	0.6	µg/L	DNQ	0.4	2				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	08/28/06	0:00	EPA 200.8	Zinc	0.4	µg/L	DNQ	0.4	1				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/19/06	0:00	EPA 200.8	Zinc	0.7	µg/L	DNQ	0.4	1				Analyte detected in method, trip, or equipment blank	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/20/06	0:00	EPA 200.8	Zinc	0.9	µg/L	DNQ	0.4	2				Analyte detected in method, trip, or equipment blank	<MDL	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	Lab Blank	1.00	1.00	09/21/06	0:00	EPA 200.8	Zinc	0.8	µg/L	DNQ	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/25/06	0:00	EPA 200.8	Zinc	0.8	µg/L	DNQ	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	Lab Blank	1.00	1.00	09/27/06	0:00	EPA 200.8	Zinc	0.6	µg/L	DNQ	0.4	1				None - No QA Qualifier	<MDL	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/27/06	0:00	EPA 350.2	Ammonia as N	4.7	mg/L		0.07	0.1	5	94		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 350.2	Ammonia as N	4.7	mg/L		0.07	0.1	5	94		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 350.2	Ammonia as N	4.7	mg/L		0.07	0.1	5	94		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 350.2	Ammonia as N	4.7	mg/L		0.07	0.1	5	93		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/27/06	0:00	EPA 350.2	Ammonia as N	4.8	mg/L		0.07	0.1	5	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/29/06	0:00	EPA 350.2	Ammonia as N	4.7	mg/L		0.07	0.1	5	94		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/22/06	0:00	EPA 350.2	Ammonia as N	4.8	mg/L		0.04	0.1	5	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/22/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	97		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/24/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/26/06	0:00	EPA 350.2	Ammonia as N	4.8	mg/L		0.04	0.1	5	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 350.2	Ammonia as N	5	mg/L		0.04	0.1	5	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/23/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 350.2	Ammonia as N	5	mg/L		0.04	0.1	5	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/26/06	0:00	EPA 350.2	Ammonia as N	5	mg/L		0.04	0.1	5	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/28/06	0:00	EPA 350.2	Ammonia as N	5	mg/L		0.04	0.1	5	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/28/06	0:00	EPA 350.2	Ammonia as N	4.9	mg/L		0.04	0.1	5	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Arsenic	19	µg/L		0.2	0.5	20	96		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.2	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.2	0.5	20	107		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.2	0.5	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.2	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20	101		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20	100		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/20/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	20	110		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/26/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/01/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 200.8	Arsenic	25	µg/L		0.3	0.5	24	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20	98		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	20	µg/L		0.3	0.5	20	98		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Arsenic	19	µg/L		0.3	0.5	20	97		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 200.8	Arsenic	22	µg/L		0.3	0.5	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/25/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 200.8	Arsenic	21	µg/L		0.3	0.5	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/18/06	0:00	EPA 405.1	BOD	360	mg/L		0.6	5	400	91		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 405.1	BOD	360	mg/L		0.6	5	400	90		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 405.1	BOD	390	mg/L		0.6	5	400	97		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Boron	21	µg/L		0.2	1	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Boron	20	µg/L		0.2	1	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/05/06	0:00	EPA 200.8	Boron	20	µg/L		0.2	1	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/16/06	0:00	EPA 200.8	Boron	19	µg/L		0.2	1	20	96		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Boron	18	µg/L		0.2	1	20	91		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 200.8	Boron	18	µg/L		0.2	1	20	88		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/19/06	0:00	EPA 200.8	Boron	20	µg/L		0.2	1	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/19/06	0:00	EPA 200.8	Boron	19	µg/L		0.2	1	20	93		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 200.8	Boron	19	µg/L		0.2	1	20	93		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/17/06	0:00	EPA 200.8	Boron	20	µg/L		0.2	1	20	98		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/17/06	0:00	EPA 200.8	Boron	20	µg/L		0.2	1	20	100		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 200.8	Boron	20	µg/L		0.2	1	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/26/06	0:00	EPA 200.8	Boron	20	µg/L		0.2	1	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/26/06	0:00	EPA 200.8	Boron	22	µg/L		0.2	1	20	110		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.04	0.1	20	98		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.04	0.1	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Cadmium	22	µg/L		0.04	0.1	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Cadmium	22	µg/L		0.04	0.1	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.04	0.1	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	101		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	100		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/20/06	0:00	EPA 200.8	Cadmium	23	µg/L		0.02	0.1	20	113		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/26/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/01/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 200.8	Cadmium	25	µg/L		0.02	0.1	24	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	19	µg/L		0.02	0.1	20	97		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Cadmium	20	µg/L		0.02	0.1	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 200.8	Cadmium	22	µg/L		0.02	0.1	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/25/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 200.8	Cadmium	21	µg/L		0.02	0.1	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Copper	20	µg/L		0.08	0.5	20	100		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Copper	21	µg/L		0.08	0.5	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Copper	18	µg/L		0.08	0.5	20	92		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Copper	21	µg/L		0.08	0.5	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 200.8	Copper	22	µg/L		0.08	0.5	20	111		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Copper	22	µg/L		0.3	0.5	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 200.8	Copper	20	µg/L		0.3	0.5	20	102		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	07/20/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/26/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/01/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 200.8	Copper	24	µg/L		0.3	0.5	24	101		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	20	µg/L		0.3	0.5	20	98		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	20	µg/L		0.3	0.5	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Copper	20	µg/L		0.3	0.5	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/25/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 200.8	Copper	21	µg/L		0.3	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/25/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		3	5	1000	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/25/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		3	5	1000	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		30	50	1000	102		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	06/15/06	0:00	EPA 130.2	Hardness as CaCO3	1100	mg/L		30	50	1000	106		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		30	50	1000	102		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	07/17/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		30	50	1000	102		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	07/24/06	0:00	EPA 130.2	Hardness as CaCO3	1100	mg/L		30	50	1000	106		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	08/14/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		30	50	1000	102		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 130.2	Hardness as CaCO3	980	mg/L		30	50	1000	98		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		30	50	1000	104		None - No QA Qualifier	PR 80-120	DF=10

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	09/18/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		30	50	1000	104		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	09/18/06	0:00	EPA 130.2	Hardness as CaCO3	1000	mg/L		30	50	1000	100		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	09/28/06	0:00	EPA 130.2	Hardness as CaCO3	980	mg/L		30	50	1000	98		None - No QA Qualifier	PR 80-120	DF=10
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Lead	22	µg/L		0.07	0.25	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Lead	21	µg/L		0.07	0.25	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Lead	20	µg/L		0.07	0.25	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Lead	22	µg/L		0.07	0.25	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 200.8	Lead	21	µg/L		0.07	0.25	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20	100		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/20/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/26/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20	98		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/01/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 200.8	Lead	25	µg/L		0.1	0.25	24	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Lead	20	µg/L		0.1	0.25	20	101		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 200.8	Lead	22	µg/L		0.1	0.25	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Lead	22	µg/L		0.1	0.25	20	111		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	107		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 200.8	Lead	21	µg/L		0.1	0.25	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/25/06	0:00	EPA 200.8	Lead	23	µg/L		0.1	0.25	20	113		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 200.8	Lead	22	µg/L		0.1	0.25	20	111		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Nickel	19	µg/L		0.2	0.5	20	93		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Nickel	21	µg/L		0.2	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Nickel	20	µg/L		0.2	0.5	20	102		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Nickel	21	µg/L		0.2	0.5	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 200.8	Nickel	22	µg/L		0.2	0.5	20	112		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 200.8	Nickel	20	µg/L		0.4	0.5	20	101		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Nickel	20	µg/L		0.4	0.5	20	101		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Nickel	20	µg/L		0.4	0.5	20	100		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 200.8	Nickel	20	µg/L		0.4	0.5	20	98		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/20/06	0:00	EPA 200.8	Nickel	20	µg/L		0.4	0.5	20	99		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/26/06	0:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/01/06	0:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 200.8	Nickel	24	µg/L		0.4	0.5	24	100		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	19	µg/L		0.4	0.5	20	97		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	19	µg/L		0.4	0.5	20	97		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Nickel	19	µg/L		0.4	0.5	20	97		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 200.8	Nickel	22	µg/L		0.4	0.5	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Nickel	22	µg/L		0.4	0.5	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20	107		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/25/06	0:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 200.8	Nickel	21	µg/L		0.4	0.5	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/18/06	0:00	EPA 300.0	Nitrate as N	6.4	mg/L		0.03	0.05	6.2	103		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/18/06	0:00	EPA 300.0	Nitrate as N	6.3	mg/L		0.03	0.05	6.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/19/06	0:00	EPA 300.0	Nitrate as N	6.3	mg/L		0.03	0.05	6.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 300.0	Nitrate as N	6.3	mg/L		0.006	0.05	6.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/15/06	0:00	EPA 300.0	Nitrate as N	6.3	mg/L		0.006	0.05	6.2	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/16/06	0:00	EPA 300.0	Nitrate as N	6.2	mg/L		0.006	0.05	6.2	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/12/06	0:00	EPA 300.0	Nitrate as N	6.3	mg/L		0.006	0.05	6.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/13/06	0:00	EPA 300.0	Nitrate as N	6.3	mg/L		0.006	0.05	6.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/14/06	0:00	EPA 300.0	Nitrate as N	6.2	mg/L		0.006	0.05	6.2	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/10/06	0:00	EPA 300.0	Nitrate as N	6.6	mg/L		0.006	0.05	6.2	105		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/10/06	0:00	EPA 300.0	Nitrate as N	6.4	mg/L		0.006	0.05	6.2	103		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/11/06	0:00	EPA 300.0	Nitrate as N	6.1	mg/L		0.006	0.05	6.2	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/13/06	0:00	EPA 300.0	Nitrate as N	6.2	mg/L		0.006	0.05	6.2	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/14/06	0:00	EPA 300.0	Nitrate as N	6.5	mg/L		0.006	0.05	6.2	104		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/15/06	0:00	EPA 300.0	Nitrate as N	6.2	mg/L		0.006	0.05	6.2	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/17/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/18/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/19/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/15/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	100		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	06/16/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/13/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/13/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/14/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	102		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/09/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	103		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/10/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	102		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/11/06	0:00	EPA 354.1	Nitrite as N	0.21	mg/L		0.003	0.03	0.2	103		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/13/06	0:00	EPA 354.1	Nitrite as N	0.21	mg/L		0.003	0.03	0.2	106		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/14/06	0:00	EPA 354.1	Nitrite as N	0.2	mg/L		0.003	0.03	0.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/15/06	0:00	EPA 354.1	Nitrite as N	0.21	mg/L		0.003	0.03	0.2	106		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.8	mg/L		0.07	0.1	5	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.6	mg/L		0.07	0.1	5	93		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/06/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.7	mg/L		0.07	0.1	5	93		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/20/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.8	mg/L		0.07	0.1	5	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/26/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5	mg/L		0.07	0.1	5	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5	97		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/25/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5	97		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.8	mg/L		0.07	0.1	5	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/28/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/30/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.8	mg/L		0.07	0.1	5	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5	mg/L		0.07	0.1	5	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.7	mg/L		0.07	0.1	5	95		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5	98		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	09/22/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.2	mg/L		0.07	0.1	5	103		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/25/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	4.9	mg/L		0.07	0.1	5	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 351.3	Nitrogen, Total Kjeldahl	5.1	mg/L		0.07	0.1	5	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/17/06	0:00	EPA 365.2	OrthoPhosphate as P	0.21	mg/L		0.01	0.01	0.2	103		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/19/06	0:00	EPA 365.2	OrthoPhosphate as P	0.2	mg/L		0.01	0.01	0.2	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 365.2	OrthoPhosphate as P	0.2	mg/L		0.01	0.01	0.2	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/15/06	0:00	EPA 365.2	OrthoPhosphate as P	0.2	mg/L		0.01	0.01	0.2	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/16/06	0:00	EPA 365.2	OrthoPhosphate as P	0.2	mg/L		0.01	0.01	0.2	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/13/06	0:00	EPA 365.2	OrthoPhosphate as P	0.18	mg/L		0.01	0.01	0.2	92		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/13/06	0:00	EPA 365.2	OrthoPhosphate as P	0.18	mg/L		0.01	0.01	0.2	92		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/14/06	0:00	EPA 365.2	OrthoPhosphate as P	0.2	mg/L		0.01	0.01	0.2	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/13/06	0:00	EPA 365.2	OrthoPhosphate as P	0.22	mg/L		0.01	0.01	0.2	108		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/14/06	0:00	EPA 365.2	OrthoPhosphate as P	0.19	mg/L		0.01	0.01	0.2	97		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/15/06	0:00	EPA 365.2	OrthoPhosphate as P	0.19	mg/L		0.01	0.01	0.2	95		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/25/06	0:00	EPA 365.2	Phosphate as P	0.94	mg/L		0.01	0.01	1	94		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 365.2	Phosphate as P	0.96	mg/L		0.01	0.01	1	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/27/06	0:00	EPA 365.2	Phosphate as P	0.98	mg/L		0.01	0.01	1	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/18/06	0:00	EPA 365.2	Phosphate as P	1	mg/L		0.01	0.01	1	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/20/06	0:00	EPA 365.2	Phosphate as P	0.99	mg/L		0.01	0.01	1	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/14/06	0:00	EPA 365.2	Phosphate as P	1	mg/L		0.01	0.01	1	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/16/06	0:00	EPA 365.2	Phosphate as P	1	mg/L		0.01	0.01	1	104		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/24/06	0:00	EPA 365.2	Phosphate as P	1	mg/L		0.01	0.01	1	102		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 365.2	Phosphate as P	1	mg/L		0.01	0.01	1	101		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 365.2	Phosphate as P	0.97	mg/L		0.01	0.01	1	97		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Selenium	18	µg/L		0.7	1	20	89		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Selenium	18	µg/L		0.7	1	20	91		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 200.8	Selenium	18	µg/L		0.7	1	20	88		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 200.8	Selenium	17	µg/L		0.9	1	20	86		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/20/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	93		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	95		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/26/06	0:00	EPA 200.8	Selenium	21	µg/L		0.9	1	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/21/06	0:00	EPA 200.8	Selenium	20	µg/L		0.9	1	20	101		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/27/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	93		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/27/06	0:00	EPA 200.8	Selenium	18	µg/L		0.9	1	20	92		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/16/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	95		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/18/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	95		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/18/06	0:00	EPA 200.8	Selenium	18	µg/L		0.9	1	20	90		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	94		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Selenium	18	µg/L		0.9	1	20	90		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/22/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	94		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/28/06	0:00	EPA 200.8	Selenium	19	µg/L		0.9	1	20	96		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/29/06	0:00	EPA 200.8	Selenium	18	µg/L		0.9	2	20	91		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/22/06	0:00	EPA 160.1	Total Dissolved Solids	490	mg/L		11	20	500	98		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	05/23/06	0:00	EPA 160.1	Total Dissolved Solids	500	mg/L		11	20	500	101		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	05/24/06	0:00	EPA 160.1	Total Dissolved Solids	490	mg/L		11	20	500	98		None - No QA Qualifier	PR 80-120	DF=2

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	06/19/06	0:00	EPA 160.1	Total Dissolved Solids	490	mg/L		8	20	500	99		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 160.1	Total Dissolved Solids	500	mg/L		8	20	500	101		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	07/18/06	0:00	EPA 160.1	Total Dissolved Solids	510	mg/L		8	20	500	101		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	07/19/06	0:00	EPA 160.1	Total Dissolved Solids	500	mg/L		8	20	500	100		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	08/14/06	0:00	EPA 160.1	Total Dissolved Solids	500	mg/L		8	20	500	100		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 160.1	Total Dissolved Solids	500	mg/L		8	20	500	100		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	08/16/06	0:00	EPA 160.1	Total Dissolved Solids	510	mg/L		8	20	500	101		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	09/18/06	0:00	EPA 160.1	Total Dissolved Solids	490	mg/L		8	20	500	98		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 160.1	Total Dissolved Solids	490	mg/L		8	20	500	99		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 160.1	Total Dissolved Solids	490	mg/L		8	20	500	97		None - No QA Qualifier	PR 80-120	DF=2
Laboratory QA Samples	LCS	1.00	1.00	06/02/06	0:00	EPA 415.1	Total Organic Carbon	9.9	mg/L		0.3	0.5	10	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/06/06	0:00	EPA 415.1	Total Organic Carbon	9.9	mg/L		0.3	0.5	10	99		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/13/06	0:00	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5	10	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 415.1	Total Organic Carbon	9.3	mg/L		0.3	0.5	10	93		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/27/06	0:00	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5	10	102		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/10/06	0:00	EPA 415.1	Total Organic Carbon	11	mg/L		0.3	0.5	10	107		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/12/06	0:00	EPA 415.1	Total Organic Carbon	9.6	mg/L		0.3	0.5	10	96		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/01/06	0:00	EPA 415.1	Total Organic Carbon	8.6	mg/L		0.3	0.5	10	86		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/07/06	0:00	EPA 415.1	Total Organic Carbon	5.1	mg/L		0.3	0.5	5	102		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/19/06	0:00	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5	10	104		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/24/06	0:00	EPA 415.1	Total Organic Carbon	9	mg/L		0.3	0.5	10	90		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/27/06	0:00	EPA 415.1	Total Organic Carbon	9.8	mg/L		0.3	0.5	10	98		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/29/06	0:00	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5	10	100		None - No QA Qualifier	PR 80-120	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	10/02/06	0:00	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5	10	103		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	10/09/06	0:00	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5	10	100		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	10/09/06	0:00	EPA 415.1	Total Organic Carbon	10	mg/L		0.3	0.5	10	104		None - No QA Qualifier	PR 80-120	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Zinc	20	µg/L		0.8	2	20	100		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Zinc	22	µg/L		0.8	1	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/30/06	0:00	EPA 200.8	Zinc	22	µg/L		0.8	1	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	05/31/06	0:00	EPA 200.8	Zinc	22	µg/L		0.8	1	20	108		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/01/06	0:00	EPA 200.8	Zinc	21	µg/L		0.8	1	20	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/14/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	20	111		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/21/06	0:00	EPA 200.8	Zinc	23	µg/L		0.4	1	20	113		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/22/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	20	110		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	06/23/06	0:00	EPA 200.8	Zinc	21	µg/L		0.4	1	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/21/06	0:00	EPA 200.8	Zinc	21	µg/L		0.4	1	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	07/26/06	0:00	EPA 200.8	Zinc	21	µg/L		0.4	2	20	107		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/01/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/03/06	0:00	EPA 200.8	Zinc	21	µg/L		0.4	1	20	105		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/15/06	0:00	EPA 200.8	Zinc	25	µg/L		0.4	1	24	104		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	2	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/21/06	0:00	EPA 200.8	Zinc	21	µg/L		0.4	1	20	103		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/22/06	0:00	EPA 200.8	Zinc	23	µg/L		0.4	2	20	113		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	08/28/06	0:00	EPA 200.8	Zinc	21	µg/L		0.4	1	20	106		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/19/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	20	111		None - No QA Qualifier	PR 75-125	DF=1

Station Name	Sample Type	Sample Replicate	Lab Replicate	Sample Date	Sample Time	Method Name	Analyte	Result	Unit	Qualifier Code	MDL	RL	Expected Value	PR	RPD	Quality Assurance	Data Acceptability Criteria	Lab Comments
Laboratory QA Samples	LCS	1.00	1.00	09/20/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	2	20	112		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/21/06	0:00	EPA 200.8	Zinc	23	µg/L		0.4	1	20	114		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/25/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	20	109		None - No QA Qualifier	PR 75-125	DF=1
Laboratory QA Samples	LCS	1.00	1.00	09/27/06	0:00	EPA 200.8	Zinc	22	µg/L		0.4	1	20	110		None - No QA Qualifier	PR 75-125	DF=1

PRECISION AND ACCURACY

All sites were sampled five times during the irrigation season of 2006 except for the following that were dry:

- Mattos Drain @ Range Rd (5/16/06, 6/13/06)*
- Mustang Creek @ East Ave (7/13/06, 9/14/06)
- South Slough at Quinley Road (9/12/06)

*Mattos Drain site was changed to South Slough at Quinley Road in June, 2006 due to lack of accessibility and flow.

Re-sampling of sites occurred to test for toxicity persistence at the following sites:

- Bear Creek @ Kibby Rd (5/25/06)
- Berenda Slough along Avenue 18 ½ (9/21/06)
- Dry Creek at Road 18 (6/29/06)
- Duck Slough @ Hwy 99 (5/25/06)
- Highline Canal @ Hwy 99 (9/5/06- sediment, 9/21/06)
- Highline Canal @ Lombardy Rd (6/23/06, 9/21/06)
- Hilmar Drain @ Central Ave (7/20/06)
- Prairie Flower Drain @ Crows Landing Road (7/20/06)
- Silva Drain @ Meadow Drive (8/17/06, 9/5/06- sediment)

Chemistry

Due to the addition of new sites during the irrigation season, not all sites are sampled for all constituents. Including field blanks and field duplicates but not laboratory QCs, 105 organic (pesticides), 100 *E.coli*, 105 physical parameter, and 80 nutrient and metal samples were collected and analyzed. Biological oxygen demand (BOD) was only sampled and tested for during September 2007 and therefore only 20 samples were collected for this constituent. Data completeness for all chemistry analysis (number of samples collected / number of samples analyzed and reported) was 98%. During the May sampling season there was a mix up in labeling between the nutrient and metals bottles which are acidified differently. This mix up was not detected by the lab at first and by the time it was detected the following samples and constituents could not be analyzed due to limited volume of available water:

- Cottonwood Creek @ Road 20
 - o Nitrogen, Total Kjeldahl (TKN)
 - o Ammonia
 - o Hardness (field duplicate only)
- Dry Creek at Road 18
 - o Nitrogen, Total Kjeldahl (TKN)
 - o Phosphate as P

- o Ammonia
- Ash Slough @ Ave 21
 - o Nitrogen, Total Kjeldahl (TKN)
 - o Phosphate as P
 - o Ammonia
- Merced River @ Santa Fe
 - o Hardness

For each irrigation event, one field duplicate and field blank were collected for each constituent to meet the field QC requirement of 5%. Field blanks and duplicates comprised 5% respectively of all samples for each constituent except for nutrient and metals (6%).

For constituents such as color, turbidity, TDS, and metals the values in the environmental sample may exceed the amount that the detector can detect and therefore requires a dilution. The result reported is the amount found in the diluted sample multiplied by the dilution factor to represent the amount of the analyte present in the original sample. The dilution factor is recorded and the RL is increased by multiplying the RL for that analyte by the dilution factor. For each dilution that occurs, there is a corresponding increase in the limit of quantification. The only exception for this is for color where the RL has not been raised. Ongoing discussions with the lab have occurred to address this issue and it has been confirmed that for future analysis (i.e. storm sampling in 2007) the RLs will be raised.

For pesticides such as paraquat, co-elution, also referred to as matrix interference, may cause the RL to be raised and the sample is flagged. In such cases the dilution factor (DF) is recorded in the laboratory comments for each sample.

All results are reported in the Monitoring Results section of this report (Part 1). Each result is flagged if it does not meet data quality objectives (acceptability criteria) using SWAMP codes and can also be found in the SWAMP comparable database managed by the Coalition and posted on the RB ftp site. A review of the number of samples analyzed and the percentage per analyte that meets acceptability criteria are listed in the tables following this section. A brief overview is listed below to assess overall precision and accuracy per analyte (all pesticides are grouped and discussed together).

- Color: One hundred percent of all field blanks and field duplicates met acceptability criteria. Neither matrix spikes nor CRMs were run with any of the color batches and therefore accuracy cannot be assessed. Lab duplicates were recorded by the laboratory to assess precision 80% had

RPDs less than 25. The laboratory has been notified of this issue and measures are in place to record this information for future sampling.

- Hardness: One hundred percent of field blanks were less than the RL. Sixty percent of field duplicates had RPDs less than 25. All laboratory QC met quality criteria. Lab control spikes, matrix spikes, matrix spike duplicates, lab duplicates and lab blanks were run with every batch and all met precision and accuracy requirements.
- Total Dissolved Solids (TDS): Sixty percent of field blanks were less than the RL or less than one fifth of the environmental sample. Eighty percent of field duplicates met acceptance criteria. Lab blanks were run with every batch and were less than the MDL for 100% of samples. Laboratory duplicates were analyzed with each batch and met acceptance criteria for 77% of samples. Lab control spikes and matrix spikes cannot be performed for TDS.
- Turbidity: One hundred percent of field duplicates and field blanks met acceptance criteria. Lab blanks were run with every batch and were less than the MDL. Laboratory duplicates were analyzed with each batch and 100% met acceptance criteria. Lab control spikes and matrix spikes cannot be performed for turbidity.
- Nitrate as N: Eighty percent of field duplicates and 100% of field blanks met acceptance criteria. Lab blanks were run with every batch and were less than the MDL for all samples. Lab control spikes, matrix spikes, matrix spike duplicates and laboratory duplicates were within acceptability criteria for all batches meeting accuracy and precision requirements.
- Ammonia as N: One hundred percent of field duplicates and field blanks met acceptance criteria. Lab blanks were run with every batch and were less than the MDL. Lab control spikes and matrix spike duplicates were within acceptability criteria for all batches meeting requirements of accuracy and precision. Ninety-four percent of matrix spikes were within acceptability criteria (PR 80-120). Two ammonia laboratory duplicates were run and both had RPDs less than 25.
- Nitrogen, Total Kjeldahl (TKN): One hundred percent of field blanks met acceptance criteria. Sixty percent of field duplicates had an RPD less than or equal to 25. Lab blanks were run with every batch and were less than the MDL. Lab control spikes were within acceptability criteria for all batches. Ninety-four percent of matrix spikes and matrix spike duplicates were within acceptability criteria for all batches for both accuracy and

precision requirements. One laboratory duplicate was run and had an RPD less than 25.

- Nitrite as N: One hundred percent of field duplicates and field blanks met acceptance criteria. Lab blanks were run with every batch and were less than the MDL. Lab control spikes, matrix spikes and matrix spike duplicates were within acceptability criteria for all batches meeting accuracy and precision requirements. Three laboratory duplicates were run and all had RPDs less than 25.
- Orthophosphate as P: Eighty percent of field duplicates and 100% of field blanks met acceptance criteria. Lab blanks were run with every batch and were less than the MDL. Lab control spikes, matrix spikes and matrix spike duplicates were within acceptability criteria for all batches meeting accuracy and precision requirements. Three laboratory duplicates were run and all had RPDs less than 25.
- Phosphate as P: Forty percent of field duplicates met acceptance criteria. Three out of 5 field blanks met acceptance criteria (60%). Lab blanks were run with every batch and were less than the MDL. Lab control spikes, matrix spikes and matrix spike duplicates were within acceptability criteria for all batches meeting accuracy and precision requirements. Two laboratory duplicates were run and all had RPDs less than 25.
- Biological Oxygen Demand (BOD): BOD was only analyzed for during the fifth irrigation season which was sampled during September, 2007. Both the field blank and field duplicate collected at that time met acceptance criteria. A lab control spike, lab blank and lab duplicate were run in the BOD batch and met all acceptance criteria for accuracy and precision.
- Total Organic Carbons (TOC): Eighty percent of field duplicates and 100% field blanks met acceptance criteria. Lab blanks were run with every batch and were less than the MDL. One hundred percent of lab control spikes were within acceptability criteria. Ninety-four percent of matrix spikes and 100% matrix spike duplicates were within acceptability criteria for all batches meeting accuracy and precision requirements. Three laboratory duplicates were run and had RPDs less than 25.
- Total Metals: One hundred percent of field duplicates, except for arsenic, boron, and zinc, met field precision criteria. For arsenic, boron, and zinc, 80%, 80% and 60% of all field duplicates had an RPD less than 25. Field blanks, except for boron, selenium and zinc met acceptance criteria. For these three metals there was 40%, 80% and 20%, respectively, of

samples that were less than the reporting limit or one fifth of the environmental sample. Field crew were told about the positive finding of metals in field blanks and proper sampling procedures were discussed. Due to the low amounts of these metals detected in the field blanks and fact that metals are everywhere in the environment, it was concluded that the data was not compromised. Laboratory blanks were run for each metals batch and 100% of samples met acceptability criteria except for boron (79% acceptable), lead (96% acceptable) and zinc 67% acceptable). Laboratory control spikes were within acceptable recovery limits for 100% of samples run. Matrix spike recovery was within control limits for all samples except for boron and zinc. Seventy-three percent of the boron and 96% of zinc matrix spikes were within control limits (PR 75-125). Six of the 30 matrix spikes for boron that were not within acceptability criteria were from other projects and both of the zinc matrix spikes were from another project. All matrix spike duplicates met acceptability criteria. All laboratory duplicates met acceptance criteria except for boron (33% acceptable). All results outside of acceptability criteria, for either precision, accuracy or contamination, were flagged and batch comments were made.

- *E. coli*: Sterility checks, or laboratory blanks, negative control and positive control samples were run for each batch. One hundred percent of lab blanks performed by the laboratory were less than the MDL. One hundred percent of field blanks collected had *E. coli* numbers less than the RL of 1. R_{log} s were performed on *E. coli* laboratory duplicates by Caltest Laboratories. The mean R_{log} for the laboratory was calculated to be 0.40. This value multiplied by 3.27 resulted in a precision criterion of 1.30. All laboratory duplicates had R_{log} s below the criteria acceptance level. RPDs were also calculated for *E. coli* laboratory duplicates and 100% were less than 25. Due to the nature of the analysis method and *E. coli* distribution within the water column, it is not possible to use RPDs to assess precision however field duplicate RPDs have been recorded to monitor the variation in duplicates over time analyzed by the lab. Three of the 5 field duplicate samples (60%) collected had RPDs less than 25. One hundred percent of field blanks were less than the RL.

Station Name	Sample Date	Sample Time	Analyte	Lab Replicate 1 Log	Lab Replicate 2 Log	Absolute Difference	Less than 1.30
Cottonwood Creek @ Road 20	05/16/06	9:30	E. coli	2.20	2.26	0.05	TRUE
Dry Creek at Road 18	06/13/06	9:20	E. coli	2.20	2.20	0.00	TRUE
Duck Slough @ Gurr Rd	09/13/06	9:10	E. coli	2.04	2.11	0.07	TRUE
Highline Canal @ Lombardy Rd	07/12/06	14:00	E. coli	1.78	1.86	0.09	TRUE
Jones Drain @ Oakdale Road	08/10/06	8:30	E. coli	3.15	2.96	0.18	TRUE

- Pesticides: All field blanks and field duplicates collected met acceptability criteria. For the irrigation season pesticides were analyzed in 8 different groups: pyrethroids (EPA 8081A), organochlorines (EPA 8081A), organophosphates (EPA 8141A), carbamates (EPA 8321A), methamidophos (EPA 8141A), paraquat (EPA 549.2), glyphosate (EPA 547), and triazines (EPA 619). Lab blanks were performed for each batch and met acceptability criteria for contamination for all analysis. Matrix spikes and lab control spikes were performed for each batch to assess both precision and accuracy as well as possible matrix interference. Either a matrix spike duplicate and/or a lab control spike duplicate were also performed per batch to assess precision. Surrogates were also run for each analysis except for paraquat and glyphosate. Surrogate recoveries were within specific acceptance criteria for both RPD and PR values for 98% of all samples analyzed. Laboratory control spikes and laboratory control spike duplicates were within acceptability criteria for 97% of all analytes. Laboratory precision, assessed by the RPD of the laboratory control spikes and laboratory control spike duplicates, met acceptability criteria in 95% of samples for all analytes. Matrix spikes were within acceptability criteria for 90% of all analytes. All batches with laboratory QCs outside of acceptability criteria have been flagged in addition to the specific sample and analyte. If a surrogate was out of acceptability criteria, the surrogate was flagged as well as the associated sample. Batches are approved by evaluating all measures of precision and accuracy such that although a single QC sample may be outside of acceptability criteria, the entire batch may be accepted due to other QCs within that batch meeting acceptability criteria. Issues have occurred with the paraquat analysis due to the tendency of this analyte to bind to particulates in the water column and the high amount of matrix interference. The following is a letter from the laboratory detailing the reasons for low recoveries that occurred in the May samples and the corrective measures they have employed after that time.

August 23, 2006

Melissa Turner
Staff Research Assistant
Aquatic Ecosystems Analysis Laboratory
University of California, Davis

Dear Ms. Turner

This letter is in regards to the acceptance of analytical data that has associated laboratory control sample and matrix spike recoveries that are below the lower control limit. Due to the complex nature of EPA method 549.2, laboratory control sample recoveries are occasionally below the lower control limit. In response to this problem, North Coast Laboratories has incorporated a calibration standard at one half of the reporting limit. Because the analytical instrument is calibrated down to this level, any analyte present in the sample at the reporting limit would still be detectable even if the associated laboratory control sample recoveries are approximately fifty percent. In cases where the laboratory control sample recoveries are well below the lower control limit the reporting limit is raised for the samples to reflect the low recoveries. Matrix spike samples are not normally used to judge the validity of an entire batch of samples but give a good assessment of the effect of a sample matrix on the accuracy of the sample results. Matrix spike samples may have lower recoveries than the associated laboratory control samples. In these cases the reporting limit for the sample that was fortified is raised or if there is no recovery from a matrix spike sample, the analyte is considered not quantifiable due to the sample matrix effects on analyte recovery. Samples that were reported as not quantifiable due to matrix spike recoveries were filtered and re-extracted outside of the holding time. Both sets of data are reported. All samples are being filtered prior to analysis as of 6/1/06.

If you have any questions or need more clarification please contact me.

Sincerely,

Steve Ditto
Laboratory Manager

Hold times for all chemistry analysis were met except for the following:

- Pesticides (7 days- exceedance due to re-extraction outside of hold time as a result of low surrogate recoveries in original batches for organochlorines and pyrethroids):
 - o Highline Canal @ Lombardy Rd (7/21/06, 14:00)*
- Paraquat (7 days- exceedance due to re-extraction outside of hold time due to 0% recovery for matrix spike in initial test):
 - o Bear creek @ Kibby Rd (5/17/06, 13:00)
 - o Cottonwood Creek @ Road 20 (5/16/06, 9:30)**
- E. coli (24 hours- sample analyzed 32 minutes outside of hold time):
 - o Duck Slough @ Gurr Rd (6/14/06, 8:00)***

*This sample was a field blank; the environmental and field duplicate sample were analyze within holding times.

**Both environmental and matrix spike sample were re-extracted outside of hold time.

Toxicity

For aquatic toxicity tests, the acceptability of test results is determined primarily by performance-based criteria for test organisms, culture and test conditions, and the results of control bioassays. Control bioassays include monthly reference toxicant testing and negative and solvent controls (for TIEs). Test acceptability requirements are documented in the method documents for each bioassay method and are included in the QAPP. In addition to the QA requirements for the toxicity testing methods, a minimum of 5% of the samples collected are required to be collected as field duplicates. Six percent of the samples collected for irrigation monitoring events were field duplicates.

- Water Column Toxicity: field duplicates were collected during each irrigation event and were tested for *Ceriodaphnia*, *Selenastrum*, and *Pimephales*. For these three species RPDs for all field duplicates were within acceptability criteria (RPD < 25). Twenty re-tests were performed due to method criteria not being met (17% of all samples tested). Twelve of those were for *Ceriodaphnia* tests due to control survival being less than 90%. Eight re-tests were performed for *Selenastrum* analysis due to control coefficient of variation (CV) exceeding 20%. All re-tests were flagged as exceeding holding times. Holding time violations may cause toxicity to increase, decrease or not change at all over time. If a metal or persistent organic is the cause of toxicity, than the exceedance will not affect the amount of toxicity. For pesticides such as chlorpyrifos and diazinon, exceeding the hold time by up to two weeks should not affect the amount of toxicity exhibited. All other tests met holding time requirements

(<36 hrs), water quality and control requirements (as listed in the EPA method guidelines).

- Sediment Toxicity: sediment was collected during the fourth irrigation season (August 8-10, 2006). A field duplicate was collected and was within acceptability criteria. One hundred percent of the sediment samples had laboratory controls within acceptability criteria. All sediment samples met holding time criteria.

Table 20: ESJWQC summary of field blank quality control sample evaluations. Samples were collected during the irrigation season of 2006 and are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	<RL or < (env sample/5)	5	5	100.00
EPA 8321A	Carbaryl	<RL or < (env sample/5)	5	5	100.00
EPA 8321A	Carbofuran	<RL or < (env sample/5)	5	5	100.00
EPA 8321A	Methiocarb	<RL or < (env sample/5)	5	5	100.00
EPA 8321A	Methomyl	<RL or < (env sample/5)	5	5	100.00
EPA 8321A	Oxamyl	<RL or < (env sample/5)	5	5	100.00
EPA 8321A	Diuron	<RL or < (env sample/5)	5	5	100.00
EPA 8321A	Linuron	<RL or < (env sample/5)	5	5	100.00
EPA 619	Atrazine	<RL or < (env sample/5)	5	5	100.00
EPA 619	Cyanazine	<RL or < (env sample/5)	5	5	100.00
EPA 619	Simazine	<RL or < (env sample/5)	5	5	100.00
EPA 547M	Glyphosate	<RL or < (env sample/5)	5	5	100.00
EPA 549.2M	Paraquat dichloride	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	DDD(p,p')	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	DDE(p,p')	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	DDT(p,p')	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Dicofol	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Dieldrin	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Endrin	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Methoxychlor	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Bifenthrin	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Cyfluthrin, total	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Cypermethrin, total	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Esfenvalerate/Fenvalerate, total	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Cyhalothrin, lambda, total	<RL or < (env sample/5)	5	5	100.00
EPA 8081A	Permethrin, total	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Azinphos methyl	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Chlorpyrifos	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Diazinon	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Dimethoate	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Disulfoton	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Malathion	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Methidathion	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Parathion, Methyl	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Phorate	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Phosmet	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Molinate	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Thiobencarb	<RL or < (env sample/5)	5	5	100.00
EPA 8141A	Methamidophos	<RL or < (env sample/5)	5	5	100.00
EPA 110.2	Color	<RL or < (env sample/5)	5	5	100.00
EPA 130.2	Hardness as CaCO3	<RL or < (env sample/5)	5	5	100.00
EPA 160.1	Total Dissolved Solids	<RL or < (env sample/5)	5	3	60.00
EPA 180.1	Turbidity	<RL or < (env sample/5)	5	5	100.00
EPA 300.0	Nitrate as N	<RL or < (env sample/5)	5	5	100.00
EPA 350.2	Ammonia as N	<RL or < (env sample/5)	5	5	100.00

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 351.3	Nitrogen, Total Kjeldahl	<RL or < (env sample/5)	5	5	100.00
EPA 354.1	Nitrite as N	<RL or < (env sample/5)	5	5	100.00
EPA 365.2	OrthoPhosphate as P	<RL or < (env sample/5)	5	5	100.00
EPA 365.2	Phosphate as P	<RL or < (env sample/5)	5	3	60.00
EPA 405.1	BOD	<RL or < (env sample/5)	1	1	100.00
EPA 415.1	Total Organic Carbon	<RL or < (env sample/5)	5	5	100.00
SM 9223	E. coli	<RL or < (env sample/5)	5	5	100.00
EPA 200.8	Arsenic	<RL or < (env sample/5)	5	5	100.00
EPA 200.8	Boron	<RL or < (env sample/5)	5	2	40.00
EPA 200.8	Cadmium	<RL or < (env sample/5)	5	5	100.00
EPA 200.8	Copper	<RL or < (env sample/5)	5	5	100.00
EPA 200.8	Lead	<RL or < (env sample/5)	5	5	100.00
EPA 200.8	Nickel	<RL or < (env sample/5)	5	5	100.00
EPA 200.8	Selenium	<RL or < (env sample/5)	5	4	80.00
EPA 200.8	Zinc	<RL or < (env sample/5)	5	1	20.00
TOTAL			296	284	95.95

Table 21. ESJWQC summary of field duplicate quality control sample evaluations. Samples were collected during the irrigation season of 2006 and are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Carbaryl	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Carbofuran	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Methiocarb	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Methomyl	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Oxamyl	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Diuron	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Linuron	RPD $\leq$ 25	5	5	100.00
EPA 619	Atrazine	RPD $\leq$ 25	5	5	100.00
EPA 619	Cyanazine	RPD $\leq$ 25	5	5	100.00
EPA 619	Simazine	RPD $\leq$ 25	5	5	100.00
EPA 547M	Glyphosate	RPD $\leq$ 25	5	5	100.00
EPA 549.2M	Paraquat dichloride	RPD $\leq$ 25	5	5	100.00
EPA 8081A	DDD(p,p')	RPD $\leq$ 25	5	5	100.00
EPA 8081A	DDE(p,p')	RPD $\leq$ 25	5	5	100.00
EPA 8081A	DDT(p,p')	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Dicofol	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Dieldrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Endrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Methoxychlor	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Bifenthrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Cyfluthrin, total	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Cypermethrin, total	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Esfenvalerate/Fenvalerate, total	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Cyhalothrin, lambda, total	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Permethrin, total	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Azinphos methyl	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Chlorpyrifos	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Diazinon	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Dimethoate	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Disulfoton	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Malathion	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Methodathion	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Parathion, Methyl	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Phorate	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Phosmet	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Molinate	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Thiobencarb	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Methamidophos	RPD $\leq$ 25	5	5	100.00
EPA 110.2	Color	RPD $\leq$ 25	5	4	80.00
EPA 130.2	Hardness as CaCO3	RPD $\leq$ 25	5	3	60.00
EPA 160.1	Total Dissolved Solids	RPD $\leq$ 25	5	4	80.00
EPA 180.1	Turbidity	RPD $\leq$ 25	5	5	100.00
EPA 300.0	Nitrate as N	RPD $\leq$ 25	5	4	80.00
EPA 350.2	Ammonia as N	RPD $\leq$ 25	5	5	100.00
EPA 351.3	Nitrogen, Total Kjeldahl	RPD $\leq$ 25	5	3	60.00

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 354.1	Nitrite as N	RPD $\leq$ 25	5	5	100.00
EPA 365.2	OrthoPhosphate as P	RPD $\leq$ 25	5	4	80.00
EPA 365.2	Phosphate as P	RPD $\leq$ 25	5	2	40.00
EPA 405.1	BOD	RPD $\leq$ 25	1	1	100.00
EPA 415.1	Total Organic Carbon	RPD $\leq$ 25	5	4	80.00
SM 9223	E. coli	RPD $\leq$ 25	5	3	60.00
EPA 200.8	Arsenic	RPD $\leq$ 25	5	4	80.00
EPA 200.8	Boron	RPD $\leq$ 25	5	4	80.00
EPA 200.8	Cadmium	RPD $\leq$ 25	5	5	100.00
EPA 200.8	Copper	RPD $\leq$ 25	5	5	100.00
EPA 200.8	Lead	RPD $\leq$ 25	5	5	100.00
EPA 200.8	Nickel	RPD $\leq$ 25	5	5	100.00
EPA 200.8	Selenium	RPD $\leq$ 25	5	5	100.00
EPA 200.8	Zinc	RPD $\leq$ 25	5	3	60.00
TOTAL			296	278	93.92

Table 22. ESJWQC summary of method blank quality control sample evaluations. Laboratory blanks were analyzed in batches with samples collected during the irrigation season of 2006 and are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	<MDL	18	18	100.00
EPA 8321A	Carbaryl	<MDL	18	18	100.00
EPA 8321A	Carbofuran	<MDL	18	18	100.00
EPA 8321A	Methiocarb	<MDL	18	18	100.00
EPA 8321A	Methomyl	<MDL	18	18	100.00
EPA 8321A	Oxamyl	<MDL	18	18	100.00
EPA 8321A	Diuron	<MDL	18	18	100.00
EPA 8321A	Linuron	<MDL	18	18	100.00
EPA 619	Atrazine	<MDL	16	16	100.00
EPA 619	Cyanazine	<MDL	16	16	100.00
EPA 619	Simazine	<MDL	16	16	100.00
EPA 547M	Glyphosate	<MDL	12	12	100.00
EPA 549.2M	Paraquat dichloride	<MDL	16	16	100.00
EPA 8081A	DDD(p,p')	<MDL	17	17	100.00
EPA 8081A	DDE(p,p')	<MDL	17	17	100.00
EPA 8081A	DDT(p,p')	<MDL	17	17	100.00
EPA 8081A	Dicofol	<MDL	17	17	100.00
EPA 8081A	Dieldrin	<MDL	17	17	100.00
EPA 8081A	Endrin	<MDL	17	17	100.00
EPA 8081A	Methoxychlor	<MDL	17	17	100.00
EPA 8081A	Bifenthrin	<MDL	17	17	100.00
EPA 8081A	Cyfluthrin, total	<MDL	17	17	100.00
EPA 8081A	Cypermethrin, total	<MDL	17	17	100.00
EPA 8081A	Esfenvalerate/Fenvalerate, total	<MDL	17	17	100.00
EPA 8081A	Cyhalothrin, lambda, total	<MDL	17	17	100.00
EPA 8081A	Permethrin, total	<MDL	17	17	100.00
EPA 8141A	Azinphos methyl	<MDL	16	16	100.00
EPA 8141A	Chlorpyrifos	<MDL	16	16	100.00
EPA 8141A	Diazinon	<MDL	16	16	100.00
EPA 8141A	Dimethoate	<MDL	16	16	100.00
EPA 8141A	Disulfoton	<MDL	16	16	100.00
EPA 8141A	Malathion	<MDL	16	16	100.00
EPA 8141A	Methidathion	<MDL	16	16	100.00
EPA 8141A	Parathion, Methyl	<MDL	16	16	100.00
EPA 8141A	Phorate	<MDL	16	16	100.00
EPA 8141A	Phosmet	<MDL	16	16	100.00
EPA 8141A	Molinate	<MDL	16	16	100.00
EPA 8141A	Thiobencarb	<MDL	16	16	100.00
EPA 8141A	Methamidophos	<MDL	16	16	100.00
EPA 110.2	Color	<MDL			NA
EPA 130.2	Hardness as CaCO3	<MDL	13	13	100.00
EPA 160.1	Total Dissolved Solids	<MDL	13	13	100.00
EPA 180.1	Turbidity	<MDL			NA
EPA 300.0	Nitrate as N	<MDL	15	15	100.00

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 350.2	Ammonia as N	<MDL	17	17	100.00
EPA 351.3	Nitrogen, Total Kjeldahl	<MDL	17	17	100.00
EPA 354.1	Nitrite as N	<MDL	15	15	100.00
EPA 365.2	OrthoPhosphate as P	<MDL	11	11	100.00
EPA 365.2	Phosphate as P	<MDL	10	10	100.00
EPA 405.1	BOD	<MDL			NA
EPA 415.1	Total Organic Carbon	<MDL	16	16	100.00
SM 9223	E. coli	<MDL	15	15	100.00
EPA 200.8	Arsenic	<MDL	23	23	100.00
EPA 200.8	Boron	<MDL	14	11	78.57
EPA 200.8	Cadmium	<MDL	23	23	100.00
EPA 200.8	Copper	<MDL	22	22	100.00
EPA 200.8	Lead	<MDL	23	22	95.65
EPA 200.8	Nickel	<MDL	23	23	100.00
EPA 200.8	Selenium	<MDL	18	18	100.00
EPA 200.8	Zinc	<MDL	24	16	66.67
TOTAL			961	949	98.75

Table 23. ESJWQC summary of lab control spike quality control sample evaluations. Laboratory control spikes and laboratory control spike duplicates were analyzed in batches with samples collected during the irrigation season of 2006 and are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	PR 44-132	31	31	100.00
EPA 8321A	Carbaryl	PR 68-112	31	31	100.00
EPA 8321A	Carbofuran	PR 54-155	31	31	100.00
EPA 8321A	Methiocarb	PR 63-123	31	31	100.00
EPA 8321A	Methomyl	PR 34-125	31	31	100.00
EPA 8321A	Oxamyl	PR 10-117	31	31	100.00
EPA 8321A	Diuron	PR 72-124	31	31	100.00
EPA 8321A	Linuron	PR 64-131	31	31	100.00
EPA 619	Atrazine	PR 39-156	28	27	96.43
EPA 619	Cyanazine	PR 22-172	28	26	92.86
EPA 619	Simazine	PR 21-179	28	28	100.00
EPA 547M	Glyphosate	PR 76-127	30	30	100.00
EPA 549.2M	Paraquat dichloride	PR 50-126	32	23	71.88
EPA 8081A	DDD(p,p')	PR 38-135	30	30	100.00
EPA 8081A	DDE(p,p')	PR 21-134	30	30	100.00
EPA 8081A	DDT(p,p')	PR 18-145	30	30	100.00
EPA 8081A	Dicofol	PR 40-135	30	30	100.00
EPA 8081A	Dieldrin	PR 48-121	30	30	100.00
EPA 8081A	Endrin	PR 24-143	30	30	100.00
EPA 8081A	Methoxychlor	PR 30-163	30	30	100.00
EPA 8081A	Bifenthrin	PR 52-117	30	30	100.00
EPA 8081A	Cyfluthrin	PR 53-125	30	30	100.00
EPA 8081A	Cypermethrin	PR 55-107	30	30	100.00
EPA 8081A	Esfenvalerate/Fenvalerate, total	PR 52-117	30	30	100.00
EPA 8081A	Cyhalothrin, lambda, total	PR 62-104	30	28	93.33
EPA 8081A	Permethrin, total	PR 24-166	30	30	100.00
EPA 8141A	Azinphos methyl	PR 36-189	28	27	96.43
EPA 8141A	Chlorpyrifos	PR 61-125	28	27	96.43
EPA 8141A	Diazinon	PR 57-130	28	27	96.43
EPA 8141A	Dimethoate	PR 68-202	28	28	100.00
EPA 8141A	Disulfoton	PR 47-117	28	21	75.00
EPA 8141A	Malathion	PR 47-125	28	24	85.71
EPA 8141A	Methodathion	PR 50-150	24	23	95.83
EPA 8141A	Parathion, Methyl	PR 55-164	28	28	100.00
EPA 8141A	Phorate	PR 44-117	28	28	100.00
EPA 8141A	Phosmet	PR 50-150	24	24	100.00
EPA 8141A	Molinate	PR 50-150	28	24	85.71
EPA 8141A	Thiobencarb	PR 50-150	28	28	100.00
EPA 8141A	Methamidophos	PR 40-135	27	27	100.00
EPA 110.2	Color	PR 80-120			NA
EPA 130.2	Hardness as CaCO3	PR 80-120	13	13	100.00
EPA 160.1	Total Dissolved Solids	PR 80-120	13	13	100.00
EPA 180.1	Turbidity	PR 80-120			NA

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 300.0	Nitrate as N	PR 80-120	15	15	100.00
EPA 350.2	Ammonia as N	PR 80-120	17	17	100.00
EPA 351.3	Nitrogen, Total Kjeldahl	PR 80-120	17	17	100.00
EPA 354.1	Nitrite as N	PR 80-120	15	15	100.00
EPA 365.2	OrthoPhosphate as P	PR 80-120	11	11	100.00
EPA 365.2	Phosphate as P	PR 80-120	10	10	100.00
EPA 405.1	BOD	PR 80-120	3	3	100.00
EPA 415.1	Total Organic Carbon	PR 80-120	16	16	100.00
SM 9223	E. coli	PR 80-120			NA
EPA 200.8	Arsenic	PR 75-125	23	23	100.00
EPA 200.8	Boron	PR 75-125	14	14	100.00
EPA 200.8	Cadmium	PR 75-125	23	23	100.00
EPA 200.8	Copper	PR 75-125	22	22	100.00
EPA 200.8	Lead	PR 75-125	23	23	100.00
EPA 200.8	Nickel	PR 75-125	23	23	100.00
EPA 200.8	Selenium	PR 75-125	18	18	100.00
EPA 200.8	Zinc	PR 75-125	24	24	100.00
TOTAL			1439	1406	97.71

Table 24. ESJWQC summary of lab control spike duplicate quality control sample evaluations. Laboratory control spikes and laboratory control spike duplicates were analyzed in batches with samples collected during the irrigation season of 2006 and are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Pairs	Pairs Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	RPD $\leq$ 25	13	13	100.00
EPA 8321A	Carbaryl	RPD $\leq$ 25	13	13	100.00
EPA 8321A	Carbofuran	RPD $\leq$ 25	13	13	100.00
EPA 8321A	Methiocarb	RPD $\leq$ 25	13	13	100.00
EPA 8321A	Methomyl	RPD $\leq$ 25	13	13	100.00
EPA 8321A	Oxamyl	RPD $\leq$ 25	13	13	100.00
EPA 8321A	Diuron	RPD $\leq$ 25	13	13	100.00
EPA 8321A	Linuron	RPD $\leq$ 25	13	13	100.00
EPA 619	Atrazine	RPD $\leq$ 25	12	9	75.00
EPA 619	Cyanazine	RPD $\leq$ 25	12	9	75.00
EPA 619	Simazine	RPD $\leq$ 25	12	10	83.33
EPA 547M	Glyphosate	RPD $\leq$ 25	15	15	100.00
EPA 549.2M	Paraquat dichloride	RPD $\leq$ 25	16	13	81.25
EPA 8081A	DDD(p,p')	RPD $\leq$ 25	13	13	100.00
EPA 8081A	DDE(p,p')	RPD $\leq$ 25	13	13	100.00
EPA 8081A	DDT(p,p')	RPD $\leq$ 25	13	13	100.00
EPA 8081A	Dicofol	RPD $\leq$ 25	13	10	76.92
EPA 8081A	Dieldrin	RPD $\leq$ 25	13	13	100.00
EPA 8081A	Endrin	RPD $\leq$ 25	13	13	100.00
EPA 8081A	Methoxychlor	RPD $\leq$ 25	13	13	100.00
EPA 8081A	Bifenthrin	RPD $\leq$ 25	13	12	92.31
EPA 8081A	Cyfluthrin	RPD $\leq$ 25	13	12	92.31
EPA 8081A	Cypermethrin	RPD $\leq$ 25	13	12	92.31
EPA 8081A	Esfenvalerate/Fenvalerate, total	RPD $\leq$ 25	13	12	92.31
EPA 8081A	Cyhalothrin, lambda, total	RPD $\leq$ 25	13	12	92.31
EPA 8081A	Permethrin, total	RPD $\leq$ 25	13	12	92.31
EPA 8141A	Azinphos methyl	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Chlorpyrifos	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Diazinon	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Dimethoate	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Disulfoton	RPD $\leq$ 25	12	11	91.67
EPA 8141A	Malathion	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Methidathion	RPD $\leq$ 25	11	11	100.00
EPA 8141A	Parathion, Methyl	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Phorate	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Phosmet	RPD $\leq$ 25	11	11	100.00
EPA 8141A	Molinate	RPD $\leq$ 25	12	10	83.33
EPA 8141A	Thiobencarb	RPD $\leq$ 25	12	12	100.00
EPA 8141A	Methamidophos	RPD $\leq$ 25	11	11	100.00
EPA 110.2	Color	RPD $\leq$ 25			NA
EPA 130.2	Hardness as CaCO3	RPD $\leq$ 25			NA
EPA 160.1	Total Dissolved Solids	RPD $\leq$ 25			NA
EPA 180.1	Turbidity	RPD $\leq$ 25			NA
EPA 300.0	Nitrate as N	RPD $\leq$ 25			NA

Method	Analyte	Data Quality Objective (DQO)	Number of Pairs	Pairs Within DQO	Percent Within Acceptable Criteria
EPA 350.2	Ammonia as N	RPD $\leq$ 25			NA
EPA 351.3	Nitrogen, Total Kjeldahl	RPD $\leq$ 25			NA
EPA 354.1	Nitrite as N	RPD $\leq$ 25			NA
EPA 365.2	OrthoPhosphate as P	RPD $\leq$ 25			NA
EPA 365.2	Phosphate as P	RPD $\leq$ 25			NA
EPA 405.1	BOD	RPD $\leq$ 25			NA
EPA 415.1	Total Organic Carbon	RPD $\leq$ 25			NA
SM 9223	E. coli	RPD $\leq$ 25			NA
EPA 200.8	Arsenic	RPD $\leq$ 25			NA
EPA 200.8	Boron	RPD $\leq$ 25			NA
EPA 200.8	Cadmium	RPD $\leq$ 25			NA
EPA 200.8	Copper	RPD $\leq$ 25			NA
EPA 200.8	Lead	RPD $\leq$ 25			NA
EPA 200.8	Nickel	RPD $\leq$ 25			NA
EPA 200.8	Selenium	RPD $\leq$ 25			NA
EPA 200.8	Zinc	RPD $\leq$ 25			NA
TOTAL			493	470	95.33

Table 25. ESJWQC summary of matrix spike quality control sample evaluations. Matrix spikes and matrix spike duplicates were collected during the irrigation season of 2006. Included in the following table are NONAG matrix spikes included for batch quality assurance purposes. Evaluations are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	PR 44-132	10	7	70.00
EPA 8321A	Carbaryl	PR 68-112	10	10	100.00
EPA 8321A	Carbofuran	PR 54-155	10	10	100.00
EPA 8321A	Methiocarb	PR 63-123	10	10	100.00
EPA 8321A	Methomyl	PR 34-125	10	10	100.00
EPA 8321A	Oxamyl	PR 10-117	10	10	100.00
EPA 8321A	Diuron	PR 72-124	10	10	100.00
EPA 8321A	Linuron	PR 64-131	10	10	100.00
EPA 619	Atrazine	PR 39-156	10	8	80.00
EPA 619	Cyanazine	PR 22-172	10	8	80.00
EPA 619	Simazine	PR 21-179	10	10	100.00
EPA 547M	Glyphosate	PR 76-127	30	30	100.00
EPA 549.2M	Paraquat dichloride	PR 50-126	28	10*	35.71
EPA 8081A	DDD(p,p')	PR 38-135	10	10	100.00
EPA 8081A	DDE(p,p')	PR 21-134	10	10	100.00
EPA 8081A	DDT(p,p')	PR 18-145	10	10	100.00
EPA 8081A	Dicofol	PR 40-135	10	10	100.00
EPA 8081A	Dieldrin	PR 48-121	10	10	100.00
EPA 8081A	Endrin	PR 24-143	10	10	100.00
EPA 8081A	Methoxychlor	PR 30-163	10	10	100.00
EPA 8081A	Bifenthrin	PR 52-117	10	10	100.00
EPA 8081A	Cyfluthrin	PR 53-125	10	9	90.00
EPA 8081A	Cypermethrin	PR 55-107	10	9	90.00
EPA 8081A	Esfenvalerate/Fenvalerate, total	PR 52-117	10	10	100.00
EPA 8081A	Cyhalothrin, lambda, total	PR 62-104	10	8	80.00
EPA 8081A	Permethrin, total	PR 24-166	10	10	100.00
EPA 8141A	Azinphos methyl	PR 36-189	10	10	100.00
EPA 8141A	Chlorpyrifos	PR 61-125	10	7	70.00
EPA 8141A	Diazinon	PR 57-130	10	10	100.00
EPA 8141A	Dimethoate	PR 68-202	10	9	90.00
EPA 8141A	Disulfoton	PR 47-117	10	9	90.00
EPA 8141A	Malathion	PR 47-125	10	6	60.00
EPA 8141A	Methidathion	PR 50-150	8	6	75.00
EPA 8141A	Parathion, Methyl	PR 55-164	10	10	100.00
EPA 8141A	Phorate	PR 44-117	10	10	100.00
EPA 8141A	Phosmet	PR 50-150	8	8	100.00
EPA 8141A	Molinate	PR 50-150	10	10	100.00
EPA 8141A	Thiobencarb	PR 50-150	10	8	80.00
EPA 8141A	Methamidophos	PR 40-135	10	10	100.00
EPA 110.2	Color	PR 80-120			NA
EPA 130.2	Hardness as CaCO3	PR 80-120	26	26	100.00
EPA 160.1	Total Dissolved Solids	PR 80-120			NA
EPA 180.1	Turbidity	PR 80-120			NA

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 300.0	Nitrate as N	PR 80-120	30	30	100.00
EPA 350.2	Ammonia as N	PR 80-120	34	32*	94.12
EPA 351.3	Nitrogen, Total Kjeldahl	PR 80-120	34	32*	94.12
EPA 354.1	Nitrite as N	PR 80-120	32	32	100.00
EPA 365.2	OrthoPhosphate as P	PR 80-120	22	22	100.00
EPA 365.2	Phosphate as P	PR 80-120	20	20	100.00
EPA 405.1	BOD	PR 80-120			NA
EPA 415.1	Total Organic Carbon	PR 80-120	50	47	94.00
SM 9223	E. coli	PR 80-120			NA
EPA 200.8	Arsenic	PR 75-125	46	46	100.00
EPA 200.8	Boron	PR 75-125	30	22*	73.33
EPA 200.8	Cadmium	PR 75-125	46	46	100.00
EPA 200.8	Copper	PR 75-125	44	44	100.00
EPA 200.8	Lead	PR 75-125	46	46	100.00
EPA 200.8	Nickel	PR 75-125	46	46	100.00
EPA 200.8	Selenium	PR 75-125	36	36	100.00
EPA 200.8	Zinc	PR 75-125	48	46*	95.83
TOTAL			1014	813	94.18

*Paraquat, Ammonia, Total Kjeldahl Nitrogen and Zinc has 2 NONAG matrix spikes outside of acceptable criteria; Boron has 4 NONAG matrix spikes outside of criteria.

Table 26. ESJWQC summary of matrix spike duplicate quality control sample evaluations. Matrix spikes and matrix spike duplicates were collected during the irrigation season of 2006. Included in the following table are NONAG matrix spikes included for batch quality assurance purposes. Evaluations are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Pairs	Pairs Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Carbaryl	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Carbofuran	RPD $\leq$ 25	5	4	80.00
EPA 8321A	Methiocarb	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Methomyl	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Oxamyl	RPD $\leq$ 25	5	5	100.00
EPA 8321A	Diuron	RPD $\leq$ 25	5	4	80.00
EPA 8321A	Linuron	RPD $\leq$ 25	5	5	100.00
EPA 619	Atrazine	RPD $\leq$ 25	5	5	100.00
EPA 619	Cyanazine	RPD $\leq$ 25	5	5	100.00
EPA 619	Simazine	RPD $\leq$ 25	5	5	100.00
EPA 547M	Glyphosate	RPD $\leq$ 25	14	14	100.00
EPA 549.2M	Paraquat dichloride	RPD $\leq$ 25	11	7*	63.64
EPA 8081A	DDD(p,p')	RPD $\leq$ 25	5	5	100.00
EPA 8081A	DDE(p,p')	RPD $\leq$ 25	5	5	100.00
EPA 8081A	DDT(p,p')	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Dicofol	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Dieldrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Endrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Methoxychlor	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Bifenthrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Cyfluthrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Cypermethrin	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Esfenvalerate/Fenvalerate, total	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Cyhalothrin, lambda, total	RPD $\leq$ 25	5	5	100.00
EPA 8081A	Permethrin, total	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Azinphos methyl	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Chlorpyrifos	RPD $\leq$ 25	5	4	80.00
EPA 8141A	Diazinon	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Dimethoate	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Disulfoton	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Malathion	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Methidathion	RPD $\leq$ 25	4	4	100.00
EPA 8141A	Parathion, Methyl	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Phorate	RPD $\leq$ 25	5	4	80.00
EPA 8141A	Phosmet	RPD $\leq$ 25	4	4	100.00
EPA 8141A	Molinate	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Thiobencarb	RPD $\leq$ 25	5	5	100.00
EPA 8141A	Methamidophos	RPD $\leq$ 25	5	4	80.00
EPA 110.2	Color	RPD $\leq$ 25			NA
EPA 130.2	Hardness as CaCO3	RPD $\leq$ 25	13	13	100.00
EPA 160.1	Total Dissolved Solids	RPD $\leq$ 25			NA
EPA 180.1	Turbidity	RPD $\leq$ 25			NA
EPA 300.0	Nitrate as N	RPD $\leq$ 25	15	15	100.00

Method	Analyte	Data Quality Objective (DQO)	Number of Pairs	Pairs Within DQO	Percent Within Acceptable Criteria
EPA 350.2	Ammonia as N	RPD $\leq$ 25	17	17	100.00
EPA 351.3	Nitrogen, Total Kjeldahl	RPD $\leq$ 25	17	16*	94.12
EPA 354.1	Nitrite as N	RPD $\leq$ 25	16	16	100.00
EPA 365.2	OrthoPhosphate as P	RPD $\leq$ 25	11	11	100.00
EPA 365.2	Phosphate as P	RPD $\leq$ 25	11	11	100.00
EPA 405.1	BOD	RPD $\leq$ 25			NA
EPA 415.1	Total Organic Carbon	RPD $\leq$ 25	24	24	100.00
SM 9223	E. coli	RPD $\leq$ 25			NA
EPA 200.8	Arsenic	RPD $\leq$ 25	23	23	100.00
EPA 200.8	Boron	RPD $\leq$ 25	15	15	100.00
EPA 200.8	Cadmium	RPD $\leq$ 25	23	23	100.00
EPA 200.8	Copper	RPD $\leq$ 25	22	22	100.00
EPA 200.8	Lead	RPD $\leq$ 25	23	23	100.00
EPA 200.8	Nickel	RPD $\leq$ 25	23	23	100.00
EPA 200.8	Selenium	RPD $\leq$ 25	18	18	100.00
EPA 200.8	Zinc	RPD $\leq$ 25	24	24	100.00
TOTAL			503	470	98.01

*One matrix spike outside of acceptable criteria was a NONAG sample

Table 27. ESJWQC summary of laboratory duplicate quality control sample evaluations. Samples were analyzed in batches with samples collected during the irrigation season of 2006. Evaluations are sorted by method and analyte.

Method	Analyte	Data Quality Objective	Number of Samples	Samples Within Control Limits	Percent Samples Acceptable
EPA 8321A	Aldicarb	RPD $\leq$ 25			NA
EPA 8321A	Carbaryl	RPD $\leq$ 25			NA
EPA 8321A	Carbofuran	RPD $\leq$ 25			NA
EPA 8321A	Methiocarb	RPD $\leq$ 25			NA
EPA 8321A	Methomyl	RPD $\leq$ 25			NA
EPA 8321A	Oxamyl	RPD $\leq$ 25			NA
EPA 8321A	Diuron	RPD $\leq$ 25			NA
EPA 8321A	Linuron	RPD $\leq$ 25			NA
EPA 619	Atrazine	RPD $\leq$ 25			NA
EPA 619	Cyanazine	RPD $\leq$ 25			NA
EPA 619	Simazine	RPD $\leq$ 25			NA
EPA 547M	Glyphosate	RPD $\leq$ 25			NA
EPA 549.2M	Paraquat dichloride	RPD $\leq$ 25			NA
EPA 8081A	DDD(p,p')	RPD $\leq$ 25			NA
EPA 8081A	DDE(p,p')	RPD $\leq$ 25			NA
EPA 8081A	DDT(p,p')	RPD $\leq$ 25			NA
EPA 8081A	Dicofol	RPD $\leq$ 25			NA
EPA 8081A	Dieldrin	RPD $\leq$ 25			NA
EPA 8081A	Endrin	RPD $\leq$ 25			NA
EPA 8081A	Methoxychlor	RPD $\leq$ 25			NA
EPA 8081A	Bifenthrin	RPD $\leq$ 25			NA
EPA 8081A	Cyfluthrin, total	RPD $\leq$ 25			NA
EPA 8081A	Cypermethrin, total	RPD $\leq$ 25			NA
EPA 8081A	Esfenvalerate/Fenvalerate, total	RPD $\leq$ 25			NA
EPA 8081A	Cyhalothrin, lambda, total	RPD $\leq$ 25			NA
EPA 8081A	Permethrin, total	RPD $\leq$ 25			NA
EPA 8141A	Azinphos methyl	RPD $\leq$ 25			NA
EPA 8141A	Chlorpyrifos	RPD $\leq$ 25			NA
EPA 8141A	Diazinon	RPD $\leq$ 25			NA
EPA 8141A	Dimethoate	RPD $\leq$ 25			NA
EPA 8141A	Disulfoton	RPD $\leq$ 25			NA
EPA 8141A	Malathion	RPD $\leq$ 25			NA
EPA 8141A	Methidathion	RPD $\leq$ 25			NA
EPA 8141A	Parathion, Methyl	RPD $\leq$ 25			NA
EPA 8141A	Phorate	RPD $\leq$ 25			NA
EPA 8141A	Phosmet	RPD $\leq$ 25			NA
EPA 8141A	Molinate	RPD $\leq$ 25			NA
EPA 8141A	Thiobencarb	RPD $\leq$ 25			NA
EPA 8141A	Methamidophos	RPD $\leq$ 25			NA
EPA 110.2	Color	RPD $\leq$ 25	5	4	80.00
EPA 130.2	Hardness as CaCO ₃	RPD $\leq$ 25	3	3	100.00
EPA 160.1	Total Dissolved Solids	RPD $\leq$ 25	13	10	76.92
EPA 180.1	Turbidity	RPD $\leq$ 25	16	16	100.00
EPA 300.0	Nitrate as N	RPD $\leq$ 25	3	3	100.00
EPA 350.2	Ammonia as N	RPD $\leq$ 25	2	2	100.00

Method	Analyte	Data Quality Objective	Number of Samples	Samples Within Control Limits	Percent Samples Acceptable
EPA 351.3	Nitrogen, Total Kjeldahl	RPD $\leq$ 25	1	1	100.00
EPA 354.1	Nitrite as N	RPD $\leq$ 25	3	3	100.00
EPA 365.2	OrthoPhosphate as P	RPD $\leq$ 25	3	3	100.00
EPA 365.2	Phosphate as P	RPD $\leq$ 25	2	2	100.00
EPA 405.1	BOD	RPD $\leq$ 25	3	3	100.00
EPA 415.1	Total Organic Carbon	RPD $\leq$ 25	3	3	100.00
SM 9223	E. coli	RPD $\leq$ 25	5	5	100.00
EPA 200.8	Arsenic	RPD $\leq$ 25	3	3	100.00
EPA 200.8	Boron	RPD $\leq$ 25	3	1	33.33
EPA 200.8	Cadmium	RPD $\leq$ 25	3	3	100.00
EPA 200.8	Copper	RPD $\leq$ 25	3	3	100.00
EPA 200.8	Lead	RPD $\leq$ 25	3	3	100.00
EPA 200.8	Nickel	RPD $\leq$ 25	3	3	100.00
EPA 200.8	Selenium	RPD $\leq$ 25	3	3	100.00
EPA 200.8	Zinc	RPD $\leq$ 25	3	3	100.00
TOTAL			86	80	93.02

Table 28. ESJWQC summary of surrogate recovery quality control sample evaluations. Surrogates were run with water samples collected and LABQAs analyzed during the irrigation season of 2006 for all organics except paraquat and glyphosate. Included are NONAG samples. Evaluations are sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Isoxaben(Surrogate)	RPD $\leq$ 25; PR 47-134	165	165	100.00
EPA 8321A	Tributylphosphate(Surrogate)	RPD $\leq$ 25; PR 36-140	165	155	93.94
EPA 8321A	Triphenyl phosphate(Surrogate)	RPD $\leq$ 25; PR 58-121	165	163	98.79
EPA 619	Tributylphosphate(Surrogate)	RPD $\leq$ 25; PR 62-145	160	156	97.50
EPA 619	Triphenyl phosphate(Surrogate)	RPD $\leq$ 25; PR 54-144	160	159	99.38
EPA 8081A	Decachlorobiphenyl(Surrogate)	RPD $\leq$ 25; PR 16-146	163	163	100.00
EPA 8081A	Tetrachloro-m-xylene(Surrogate)	RPD $\leq$ 25; PR 15-98	163	160	98.16
EPA 8081A*	Decachlorobiphenyl(Surrogate)	RPD $\leq$ 25; PR 41-117	163	163	100.00
EPA 8081A*	Tetrachloro-m-xylene(Surrogate)	RPD $\leq$ 25; PR 38-113	163	163	100.00
EPA 8141A	Tributylphosphate(Surrogate)	RPD $\leq$ 25; PR 60-150	319	308	96.55
EPA 8141A	Triphenyl phosphate(Surrogate)	RPD $\leq$ 25; PR 56-129	319	301	94.36
TOTAL			2105	2056	97.67

*Surrogates ran with pyrethroid analysis.

Table 29. ESJWQC summary of holding time evaluations for environmental, field blank, field duplicate and matrix spike samples collected during the irrigation season of 2006; sorted by method and analyte.

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 8321A	Aldicarb	7 days	111	111	100.00
EPA 8321A	Carbaryl	7 days	111	111	100.00
EPA 8321A	Carbofuran	7 days	111	111	100.00
EPA 8321A	Methiocarb	7 days	111	111	100.00
EPA 8321A	Methomyl	7 days	111	111	100.00
EPA 8321A	Oxamyl	7 days	111	111	100.00
EPA 8321A	Diuron	7 days	111	111	100.00
EPA 8321A	Linuron	7 days	111	111	100.00
EPA 619	Atrazine	7 days	111	111	100.00
EPA 619	Cyanazine	7 days	111	111	100.00
EPA 619	Simazine	7 days	111	111	100.00
EPA 547M	Glyphosate	14 days	112	112	100.00
EPA 549.2M	Paraquat dichloride	7 days	118	116	98.31
EPA 8081A	DDD(p,p')	7 days	111	110	99.10
EPA 8081A	DDE(p,p')	7 days	111	110	99.10
EPA 8081A	DDT(p,p')	7 days	111	110	99.10
EPA 8081A	Dicofol	7 days	111	110	99.10
EPA 8081A	Dieldrin	7 days	111	110	99.10
EPA 8081A	Endrin	7 days	111	110	99.10
EPA 8081A	Methoxychlor	7 days	111	110	99.10
EPA 8081A	Bifenthrin	7 days	111	110	99.10
EPA 8081A	Cyfluthrin	7 days	111	110	99.10
EPA 8081A	Cypermethrin	7 days	111	110	99.10
EPA 8081A	Esfenvalerate/Fenvalerate, total	7 days	111	110	99.10
EPA 8081A	Cyhalothrin, lambda, total	7 days	111	110	99.10
EPA 8081A	Permethrin, total	7 days	111	110	99.10
EPA 8141A	Azinphos methyl	7 days	111	111	100.00
EPA 8141A	Chlorpyrifos	7 days	111	111	100.00
EPA 8141A	Diazinon	7 days	111	111	100.00
EPA 8141A	Dimethoate	7 days	111	111	100.00
EPA 8141A	Disulfoton	7 days	111	111	100.00
EPA 8141A	Malathion	7 days	111	111	100.00
EPA 8141A	Methidathion	7 days	110	110	100.00
EPA 8141A	Parathion, Methyl	7 days	111	111	100.00
EPA 8141A	Phorate	7 days	111	111	100.00
EPA 8141A	Phosmet	7 days	110	110	100.00
EPA 8141A	Molinate	7 days	111	111	100.00
EPA 8141A	Thiobencarb	7 days	111	111	100.00
EPA 8141A	Methamidophos	7 days	111	111	100.00
EPA 110.2	Color	48 hours	105	105	100.00
EPA 130.2	Hardness as CaCO3	6 months	86	86	100.00
EPA 160.1	Total Dissolved Solids	48 hours	105	105	100.00
EPA 180.1	Turbidity	48 hours	105	105	100.00
EPA 300.0	Nitrate as N	48 hours	84	84	100.00
EPA 350.2	Ammonia as N	Field acidify, 28 days	83	83	100.00

Method	Analyte	Data Quality Objective (DQO)	Number of Samples	Samples Within DQO	Percent Within Acceptable Criteria
EPA 351.3	Nitrogen, Total Kjeldahl	Field acidify, 28 days	83	83	100.00
EPA 354.1	Nitrite as N	48 hours	87	87	100.00
EPA 365.2	OrthoPhosphate as P	48 hours	87	87	100.00
EPA 365.2	Phosphate as P	Field acidify, 28 days	84	84	100.00
EPA 405.1	BOD	48 hours	20	20	100.00
EPA 415.1	Total Organic Carbon	28 days	124	124	100.00
SM 9223	E. coli	24 hours	100	99	99.00
EPA 200.8	Arsenic	Field acidify, 40 days	89	89	100.00
EPA 200.8	Boron	Field acidify, 40 days	90	90	100.00
EPA 200.8	Cadmium	Field acidify, 40 days	89	89	100.00
EPA 200.8	Copper	Field acidify, 40 days	88	88	100.00
EPA 200.8	Lead	Field acidify, 40 days	89	89	100.00
EPA 200.8	Nickel	Field acidify, 40 days	89	89	100.00
EPA 200.8	Selenium	Field acidify, 40 days	88	88	100.00
EPA 200.8	Zinc	Field acidify, 40 days	90	90	100.00
TOTAL			6200	6184	99.74

Table 30. ESJWQC summary of toxicity retest evaluations for samples collected during the irrigation season of 2006; sorted by method and species.

Method	Toxicity Species	Total Environmental Samples	Total Number Retested	Retest Minus Environmental	Percent Samples Within Acceptable Criteria
EPA 821/R-02-012	Ceriodaphnia dubia	109	12	97	88.99
EPA 821/R-02-012	Pimephales promelas	102	0	102	100.00
EPA 821/R-02-013	Selenastrum capricornutum	101	8	93	92.08
EPA 600/R-99-064	Hyalella azteca	27	0	27	100.00

Table 31. ESJWQC summary of Toxicity Field Duplicate Sample Evaluations collected during the irrigation season of 2006 sorted by method and species.

Method	Toxicity Species	Total Field Duplicate Samples	Data Quality Objective (DQO)	Total Number Sample Within DQO	Percent Samples Within Acceptable Criteria
EPA 821/R-02-012	Ceriodaphnia dubia	5	RPD $\leq$ 25	5	100.00
EPA 821/R-02-012	Pimephales promelas	5	RPD $\leq$ 25	5	100.00
EPA 821/R-02-013	Selenastrum capricornutum	5	RPD $\leq$ 25	5	100.00
EPA 600/R-99-064	Hyalella azteca	1	RPD $\leq$ 25	1	100.00

January 19, 2007

East San Joaquin Water Quality Coalition

SEMI-ANNUAL MONITORING REPORT IRRIGATION 2006

(Part II)

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PESTICIDE USE FOR SAMPLING SITES SHOWING EXCEEDANCES

All exceedances for 2006 are listed in Tables 72-76 in the following section, Data Interpretation. Pesticide use reports for May – September 2006 were requested from all the counties within the coalition.

For each sampling period in which chemicals, metals or sediment toxicity were detected (Table 73, 74 & 76), all reported pesticide use for 2-3 months prior to sampling was collected for the specific site subwatersheds based on TRS. For each sampling period that water column toxicity was reported (Table 76) all reported pesticide use for the 2 weeks prior to sampling was collected for that watershed based on the TRS. All pesticide products that contained the chemicals and metals detected are listed by site subwatershed and applications are shown in maps. All pesticide products that were used in the 2 weeks prior to a water column toxicity exceedance or 2-3 months prior to a sediment toxicity exceedance are listed by site subwatershed. Pesticide use is reported as amount of product used. Some products may have more than one active ingredient and in this case the product appears more than once with the name of the chemical ingredient.

In the discussions below, we rely heavily on the use of K_{oc} values to determine the compounds that could runoff and cause sediment toxicity or water column toxicity. K_{oc} is the organic carbon - water partition coefficient and generally defines the propensity of the compound to partition to water or attach to sediment. The term that represents this propensity is “leaching potential”. Specific Numeric Values (SNVs) for parameters that define leaching potential have been submitted to DPR by pesticide manufacturers and DPR evaluates and approves these submissions. Active ingredients with properties that exceed the SNVs established by DPR are considered to have the potential to contaminate ground water. Pesticide active ingredients are placed on the list of “potential leachers” under the following conditions:

One of the following must be true

- Water solubility: > 3 ppm (mg/L), or
- Soil adsorption coefficient (K_{oc}): < 1,800 cm³/g
- *and* one of the following must be true
- Hydrolysis half-life: > 14 days, or

- Aerobic soil metabolism half-life: > 610 days, or
- Anaerobic soil metabolism half-life: > 9 days

However, we are concerned with the potential for surface runoff and immediate toxicity to aquatic organisms. Consequently, the half-life criteria are not important. Although there is not a perfect negative correlation between K_{oc} and water solubility, if we classified a compound as having a K_{oc} value to bind to sediment and be a potential cause of sediment toxicity, the compound was not classified as having a sufficiently high water solubility to also be a cause of water column toxicity. All chemicals were classified as either potential toxicants in water or in sediment. The single exception is chlorpyrifos, which appears to cause water column toxicity even as it is attached to particulates. It has both a sufficiently high water solubility (~1.4 mg/L) and K_{oc} (1,380 – 14,000) to be classified as a toxicant in both water and sediment.

K_{oc} values for all compounds were obtained from a variety of sources. Websites from the California Department of Pesticide Regulation, the Pesticide Action Network, the Huang and Young (2005) report to the California Department of Transportation (<http://www.dot.ca.gov/hq/env/stormwater/special/newsetup/pdfs/monitoring/CT-SW-RT-03-084-73-04.pdf>) and numerous studies from the scientific literature were used to document K_{oc} values. Because K_{oc} can change depending on soil characteristics, if there were any major discrepancies between published values, we used the most common value or established a range of values. We used the more conservative value for an initial determination, but once a chemical was determined to partition to sediment, it could not become a toxicant in the water column (exception being chlorpyrifos). In the December 2005 Semi-Annual Monitoring Report, the Coalition provided a detailed explanation of the potential chemicals and their K_{oc} values for each toxicity exceedance. In the current report, the potential chemicals causing toxicity are highlighted in each table without a written description.

Pesticide use information is filed by Township/Range/Section. The source identification analysis uses the pesticide use reports for the two weeks prior to the sample collection date for water column toxicity. For sediment toxicity, PUR data can go back 2-3 months prior to sample date. We obtained information on all pesticides but for specific instances of toxicity, we eliminated all chemicals that could not cause toxicity. For example, to determine sources of toxicity to *Selenastrum*, we considered only herbicides and applications of metals and salts. To determine sources of toxicity to *Ceriodaphnia*, we eliminated herbicides because they are not documented causes of toxicity to *Ceriodaphnia*. Those

chemicals are eliminated from the tables prior to identifying TRS' that could be sources. Data are not available for individual fields or parcels except where they coincide with complete sections.

Pesticide Use Reports for pesticide exceedances in the water column

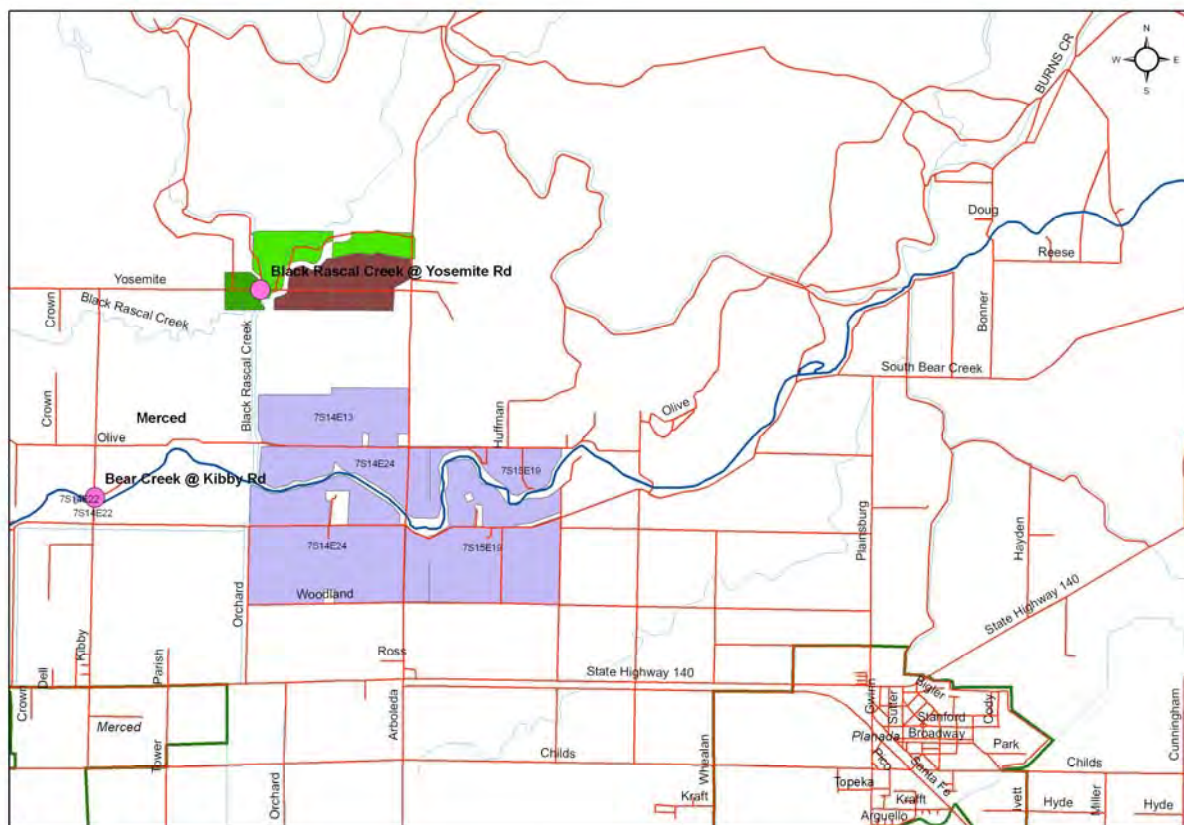
Bear Creek @ Kibby Rd. – Irrigation 1 (5/17/06) – Chlorpyrifos exceedance

Table 1. Chlorpyrifos use for Bear Creek @ Kibby Rd site subwatershed – irrigation 1.

TRS	Commodity	App date	App Method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
7S14E13	WALNUT	5/13/2006	G	60	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	240	PT
7S14E13	WALNUT	5/17/2006	G	31	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	16	GA
7S15E19	ALMOND	5/19/2006	G	5	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	20	PT
7S14E24	ALMOND	5/26/2006	G	5	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	5	QT
7S14E22	ALMOND	5/27/2006	G	15	464-448-AA	LORSBAN 4E INSECTICIDE	Chlorpyrifos	45	PT
7S15E19	ALMOND	5/27/2006	G	85	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	340	PT
7S14E22	WALNUT	5/29/2006	G	10	464-448-AA	LORSBAN 4E INSECTICIDE	Chlorpyrifos	5	GA
7S14E24	WALNUT	6/28/2006	G	15	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	60	PT

Figure 1. Location for Chlorpyrifos use for Bear Creek @ Kibby Rd site subwatershed – irrigation 1.

Bear Creek @ Kibby Rd- Irrigation 1 (5/17/06) - chlorpyrifos

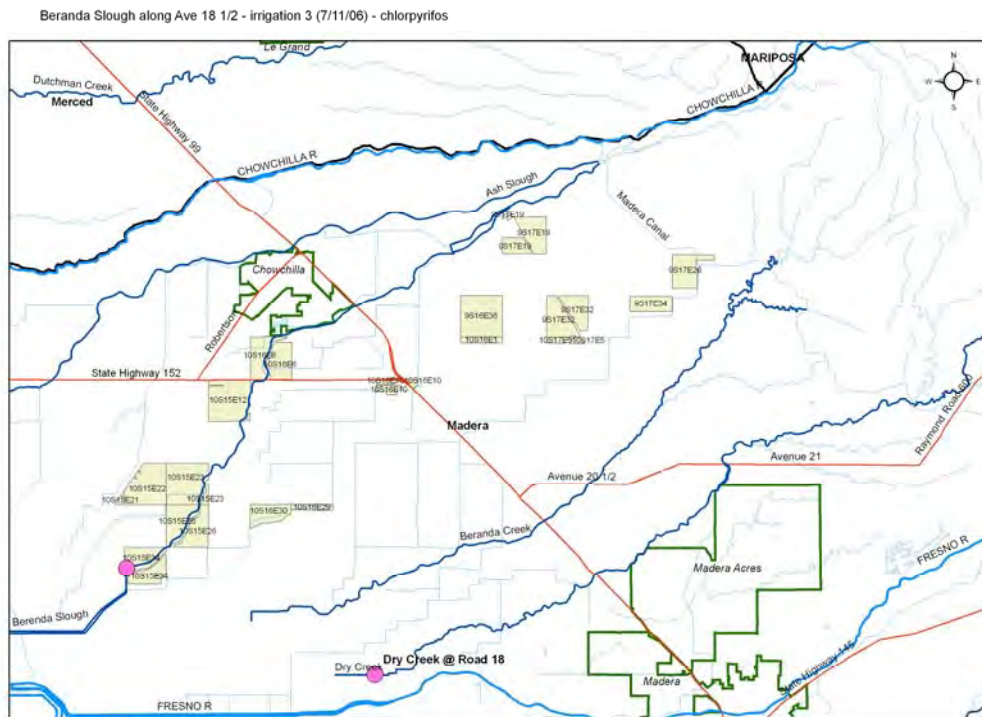


Berenda Slough along Ave. 18 1/2. – Irrigation 3 (7/11/06) – Chlorpyrifos exceedance.

Table 2. Chlorpyrifos use for Berenda Slough along Ave. 18 1/2 site subwatershed – irrigation 3.

TRS	Commodity	App date	Treated acres	EPA#	Product name	AI	Quantity used	Unit
9S17E32	ALMOND	4/30/2006	130	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	55	GA
10S15E34	ALMOND	5/5/2006	36	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	20	PT
10S16E29	ALMOND	5/18/2006	284	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18176	OZ
10S16E1	ALMOND	5/19/2006	39	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	20	GA
10S16E1	ALMOND	5/19/2006	36	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18	GA
10S16E30	ALMOND	5/20/2006	286	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	143	GA
9S17E26	ALMOND	5/20/2006	210	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	210	QT
9S16E36	ALMOND	5/22/2006	450	67760-28-AA	NUFOS 4E	Chlorpyrifos	225	GA
10S16E10	ALMOND	5/24/2006	73	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	80	QT
10S17E5	ALMOND	5/24/2006	150	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	96	OZ
10S17E5	ALMOND	5/24/2006	150	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	9600	OZ
10S16E1	ALMOND	5/25/2006	10	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	5	GA
10S15E21	ALMOND	5/26/2006	16	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	64	PT
10S16E6	ALMOND	5/27/2006	90	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	45	GA
9S17E34	ALMOND	5/28/2006	210	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	105	GA
10S15E23	ALMOND	5/30/2006	58	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	115	QT
10S15E23	ALMOND	5/30/2006	24	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	48	QT
10S15E23	ALMOND	5/31/2006	14	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	28	QT
10S15E23	ALMOND	5/31/2006	42	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	84	QT
10S15E23	ALMOND	5/31/2006	36	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	72	QT
10S15E12	ALMOND	6/3/2006	36	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	8	GA
10S15E23	ALMOND	6/3/2006	58	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	115	QT
10S15E12	ALMOND	6/4/2006	34	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	7	GA
10S15E23	ALMOND	6/4/2006	24	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	48	QT
10S15E23	ALMOND	6/5/2006	14	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	28	QT
10S15E23	ALMOND	6/6/2006	42	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	84	QT
10S15E23	ALMOND	6/6/2006	36	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	72	QT
9S17E32	ALMOND	6/7/2006	20	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	10	GA
10S16E1	ALMOND	6/15/2006	39	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	24	QT
10S16E1	ALMOND	6/28/2006	39	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	20	GA
10S15E21	ALMOND	7/10/2006	123	67760-28-AA	NUFOS 4E	Chlorpyrifos	492	PT
10S15E22	ALMOND	7/11/2006	50	67760-28-AA	NUFOS 4E	Chlorpyrifos	200	PT
10S15E26	ALMOND	7/11/2006	20	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	19	GA
9S17E19	ALMOND	7/11/2006	40	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	5	GA

Figure 2. Location of Chlorpyrifos use for Berenda Slough along Ave. 18 1/2 site subwatershed – irrigation 3.



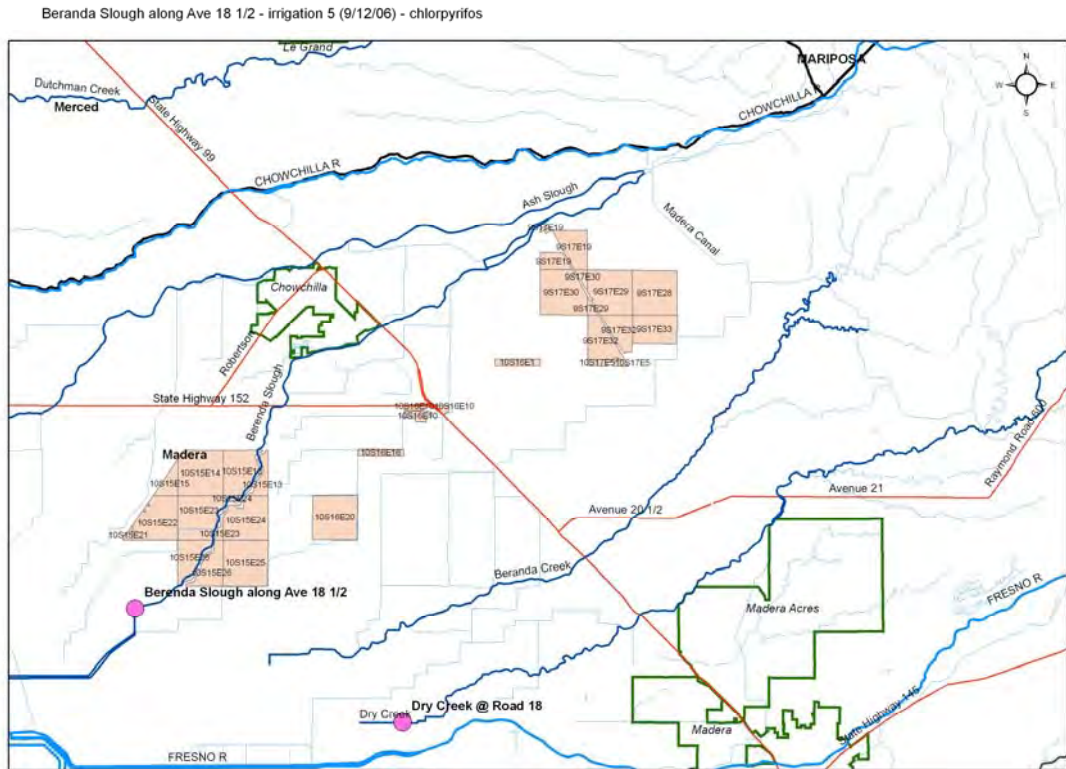
Berenda Slough along Rd 18 1/2 – Irrigation 5 (9/12/06) – Chlorpyrifos exceedance.

Table 3. Chlorpyrifos use for Berenda Slough along Ave. 18 1/2 site subwatershed – irrigation 5.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S15E21	ALMOND	7/10/2006	123	67760-28-AA	NUFOS 4E	Chlorpyrifos	492	PT
10S15E22	ALMOND	7/11/2006	50	67760-28-AA	NUFOS 4E	Chlorpyrifos	200	PT
10S15E26	ALMOND	7/11/2006	20	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	19	GA
9S17E19	ALMOND	7/11/2006	40	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	5	GA
10S15E23	ALMOND	7/12/2006	58	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	115	QT
10S15E23	ALMOND	7/13/2006	24	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	48	QT
10S15E23	ALMOND	7/14/2006	14	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	28	QT
10S16E10	ALMOND	7/14/2006	10	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	20	QT
10S15E23	ALMOND	7/15/2006	42	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	84	QT
10S16E10	ALMOND	7/15/2006	9	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	17	QT
10S16E10	ALMOND	7/15/2006	24	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	48	QT
10S16E10	ALMOND	7/15/2006	4	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	8	QT
10S16E20	ALMOND	7/15/2006	75	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	300	PT
10S15E14	ALMOND	7/16/2006	72	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	144	QT
10S15E14	ALMOND	7/16/2006	58	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	116	QT
10S15E15	ALMOND	7/16/2006	76	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	152	QT
10S15E23	ALMOND	7/16/2006	36	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	72	QT
10S15E24	ALMOND	7/16/2006	45	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	90	QT
10S15E22	ALMOND	7/17/2006	60	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	120	QT
10S15E23	ALMOND	7/17/2006	65	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	130	QT
10S15E25	ALMOND	7/17/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	300	QT
10S15E13	ALMOND	7/18/2006	32	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	64	QT
10S15E24	ALMOND	7/18/2006	38	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	76	QT
10S15E25	ALMOND	7/18/2006	39	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	78	QT
10S15E25	ALMOND	7/18/2006	65	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	130	QT
10S15E13	ALMOND	7/19/2006	82	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	164	QT
10S15E13	ALMOND	7/19/2006	32	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	64	QT
10S15E13	ALMOND	7/19/2006	25	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	50	QT
10S15E14	ALMOND	7/20/2006	36	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	72	QT
10S15E25	ALMOND	7/20/2006	65	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	130	QT
10S15E25	ALMOND	7/20/2006	75	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	150	QT
10S16E16	CORN FOR/FOD	7/21/2006	38	67760-28-AA	NUFOS 4E	Chlorpyrifos	38	QT

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S15E21	ALMOND	7/22/2006	45	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	45	QT
10S17E5	ALMOND	7/28/2006	138	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	8832	OZ
10S17E5	ALMOND	7/28/2006	75	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	4800	OZ
9S17E28	ALMOND	7/28/2006	75	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	4800	OZ
9S17E28	ALMOND	7/28/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
9S17E29	ALMOND	7/28/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
9S17E29	ALMOND	7/28/2006	83	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	5312	OZ
9S17E33	ALMOND	7/28/2006	122	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	7808	OZ
9S17E33	ALMOND	7/28/2006	145	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9280	OZ
9S17E33	ALMOND	7/28/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
10S16E1	ALMOND	8/1/2006	39	67760-28-AA	NUFOS 4E	Chlorpyrifos	39	PT
10S16E1	ALMOND	8/1/2006	36	67760-28-AA	NUFOS 4E	Chlorpyrifos	36	PT
10S17E5	ALMOND	8/1/2006	75	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	4800	OZ
9S17E28	ALMOND	8/1/2006	148	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9472	OZ
9S17E32	ALMOND	8/3/2006	172	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	11008	OZ
9S17E33	ALMOND	8/4/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
10S16E1	WALNUT	8/8/2006	100	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	50	GA
9S17E30	WALNUT	8/9/2006	160	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	80	GA
10S17E5	ALMOND	8/16/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
10S17E5	ALMOND	8/16/2006	138	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	88832	OZ
9S17E28	ALMOND	8/16/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
9S17E28	ALMOND	8/16/2006	148	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9472	OZ
9S17E33	ALMOND	8/16/2006	122	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	7808	OZ
9S17E33	ALMOND	8/16/2006	145	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9280	OZ
9S17E33	ALMOND	8/16/2006	150	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
9S17E33	ALMOND	8/16/2006	145	62719-220-AA-55467	GOVERN 4E	Chlorpyrifos	9600	OZ
10S15E23	CORN FOR/FOD	9/2/2006	38	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	10	GA
10S15E23	CORN FOR/FOD	9/2/2006	19	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	5	GA
10S15E21	CORN FOR/FOD	9/7/2006	48	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	12	GA

Figure 3. Location of Chlorpyrifos use for Berenda Slough along Ave. 18 1/2 site subwatershed – irrigation 5.

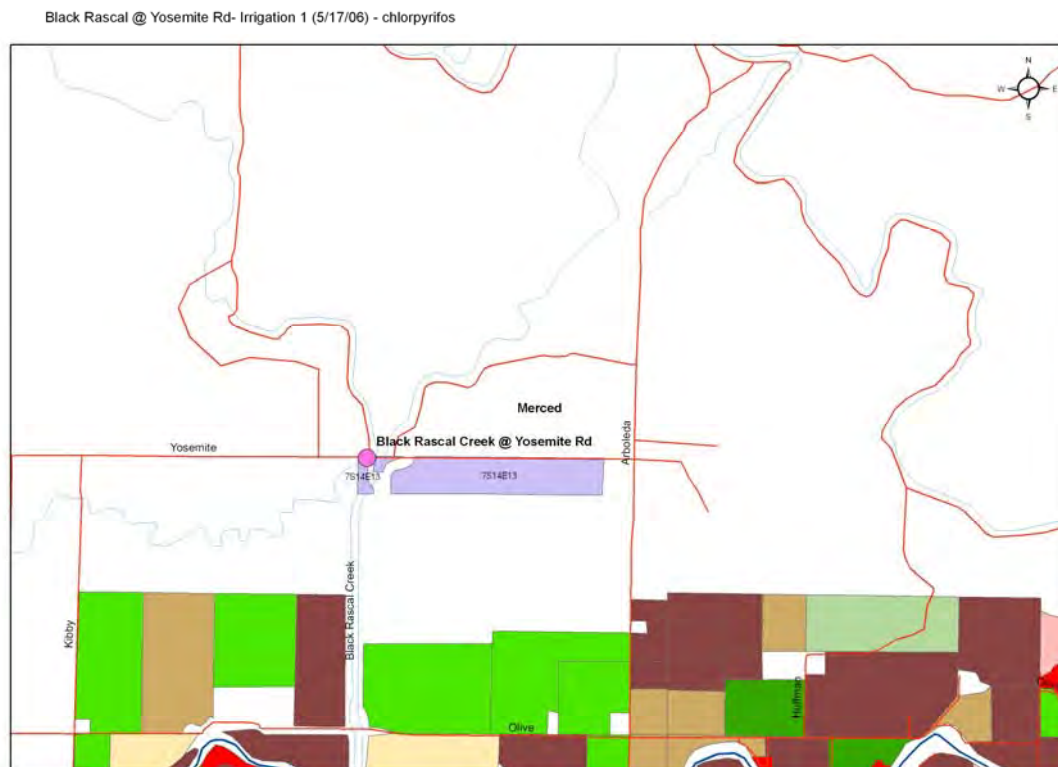


Black Rascal Creek @ Yosemite Rd. – Irrigation 1 (5/18/06) – Chlorpyrifos exceedance.

Table 4. Chlorpyrifos use for Black Rascal Creek @ Yosemite site subwatershed – irrigation 1.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
7S14E13	WALNUT	5/17/06	G	31	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	15.5	GA
7S14E13	WALNUT	5/13/06	G	60	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	240	PT

Figure 4. Location Chlorpyrifos use for Black Rascal Creek @ Yosemite site subwatershed – irrigation 1.

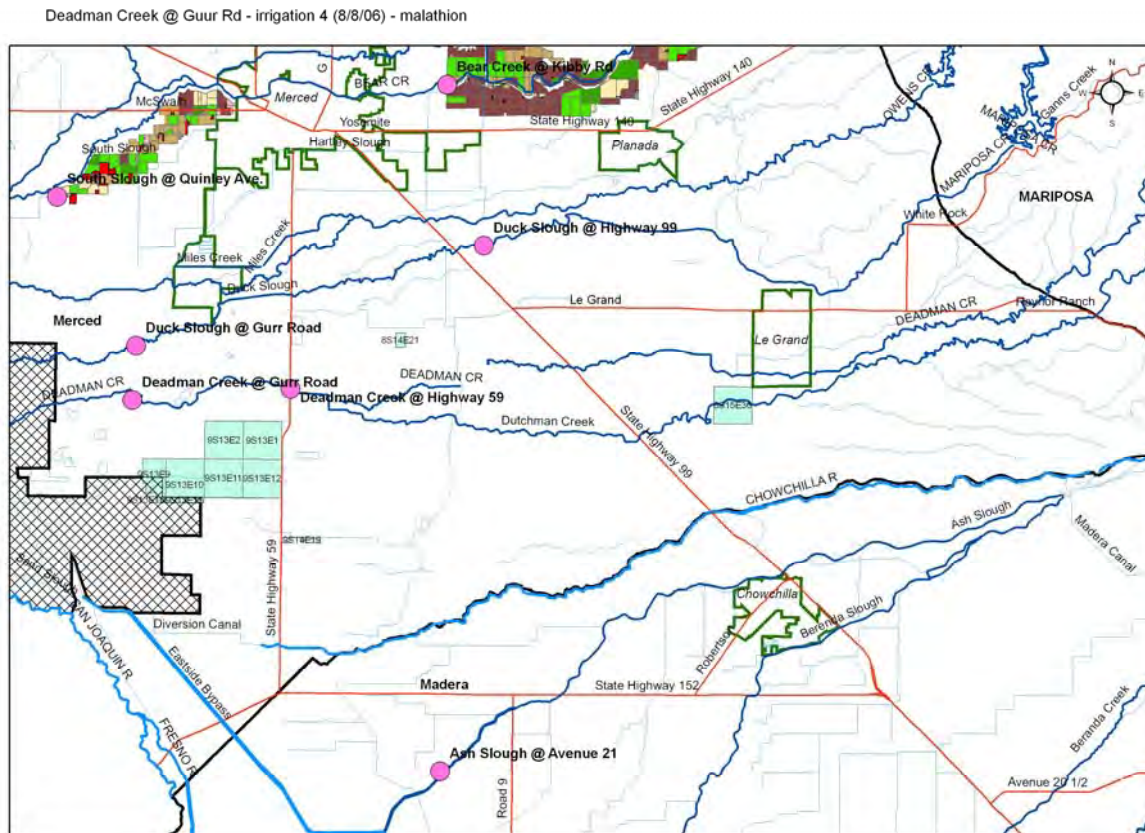


Deadman Creek @ Gurr Rd. – Irrigation 4 (8/8/06) – Malathion exceedance.

Table 5. Malathion use for Deadman Creek @ Gurr Rd site subwatershed - irrigation 4.

TRS	App date	App method	Treated acres	EPA #	Product Name	AI	Quantity used	Unit
9S13E2	3/22/2006	A	85	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	11	GA
9S13E1	3/22/2006	A	85	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	11	GA
9S13E1	3/22/2006	A	57	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	7	GA
9S13E1	3/22/2006	A	49	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	6	GA
9S13E1	3/22/2006	A	44	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	6	GA
9S13E10	3/22/2006	A	71	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	9	GA
9S13E11	3/22/2006	A	85	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	11	GA
9S13E12	3/22/2006	A	85	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	11	GA
9S13E9	3/23/2006	A	75	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	9	GA
9S13E9	3/23/2006	A	40	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	5	GA
9S13E9	3/23/2006	A	35	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	4	GA
9S13E10	3/23/2006	A	37	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	5	GA
9S13E10	3/23/2006	A	60	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	8	GA
9S13E16	3/23/2006	A	45	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	6	GA
9S13E15	3/23/2006	A	54	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	7	GA
9S13E15	3/23/2006	A	53	5905-250-ZA	FYFANON 8 LB. EMULSION	MALATHION	7	GA
8S15E36	4/18/2006	G	71	34704-452-AA	CLEAN CROP MALATHION 8-E INSECTICIDE	MALATHION	9	GA
8S15E36	4/19/2006	G	99	34704-452-AA	CLEAN CROP MALATHION 8-E INSECTICIDE	MALATHION	12	GA
8S14E21	4/27/2006	A	74	34704-50005-AA	CLEAN CROP MALATHION 8-E INSECTICIDE	MALATHION	12	GA
9S13E16	4/29/2006	A	108	10163-21-ZA	GOWAN MALATHION 8	MALATHION	18	GA
9S14E19	4/29/2006	A	38	10163-21-ZA	GOWAN MALATHION 8	MALATHION	7	GA

Figure 5. Location of Malathion use for Deadman Creek @ Gurr Rd site subwatershed - irrigation 4.

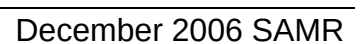


Deadman Creek @ Gurr Rd. – Irrigation 5 (9/12/06) – Chlorpyrifos exceedance.

Table 6. Chlorpyrifos use for Deadman Creek @ Gurr Rd site subwatershed - irrigation 5.

TRS	App date	App method	Treated acres	EPA_#	Product name	AI	Quantity used	unit
8S16E20	7/21/2006	G	56	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	28	GA
9S15E2	7/24/2006	G	102	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	51	GA
8S15E26	7/28/2006	A	92	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	46	GA
8S15E26	7/29/2006	A	90	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	45	GA
9S13E15	7/30/2006	A	75	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	19	GA
9S13E14	7/30/2006	A	45	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	11	GA
9S15E9	7/31/2006	A	36	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	18	GA
9S15E9	7/31/2006	A	40	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	20	GA
9S15E9	7/31/2006	A	88	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	44	GA
8S15E14	8/6/2006	G	17	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	9	GA
8S16E21	8/11/2006	G	37	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	14	GA
9S14E18	8/11/2006	A	75	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	14	GA
9S14E17	8/11/2006	A	65	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	12	GA
9S14E14	8/11/2006	A	41	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	10	GA
9S14E23	8/11/2006	A	75	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	19	GA
8S15E16	8/30/2006	G	5	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	3	GA
9S15E5	8/31/2006	A	38	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	9	GA
9S15E4	8/31/2006	A	158	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	38	GA
9S13E14	8/31/2006	A	18	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	18	PT
9S14E20	8/31/2006	A	20	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	20	PT
9S13E13	9/1/2006	A	47	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	47	PT
9S13E16	9/4/2006	G	84	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	84	PT
9S15E6	9/6/2006	A	53	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	11	GA
9S14E11	9/6/2006	A	110	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	22	GA
9S15E8	9/6/2006	A	154	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	32	GA
9S15E17	9/6/2006	A	145	66222-19-AA-51036	CHLORPYRIFOS 4E AG	Chlorpyrifos	18	GA
9S14E23	9/6/2006	A	76	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	15	GA
9S15E20	9/6/2006	A	30	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	8	GA
8S14E22	9/8/2006	A	61	67760-28-AA	NUFOS 4E	Chlorpyrifos	15	GA
8S14E29	9/11/2006	A	56	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	106	PT
9S15E5	9/11/2006	A	23	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	6	GA
9S15E5	9/11/2006	A	39	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	9	GA
9S15E5	9/11/2006	A	37	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	9	GA
9S15E5	9/11/2006	A	22	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	5	GA
9S15E4	9/11/2006	A	80	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	19	GA

East San Joaquin
Water Quality Coalition



Deadman Creek @ Hwy 59 – Irrigation 2 (6/13/06) – DDD and DDT exceedances.

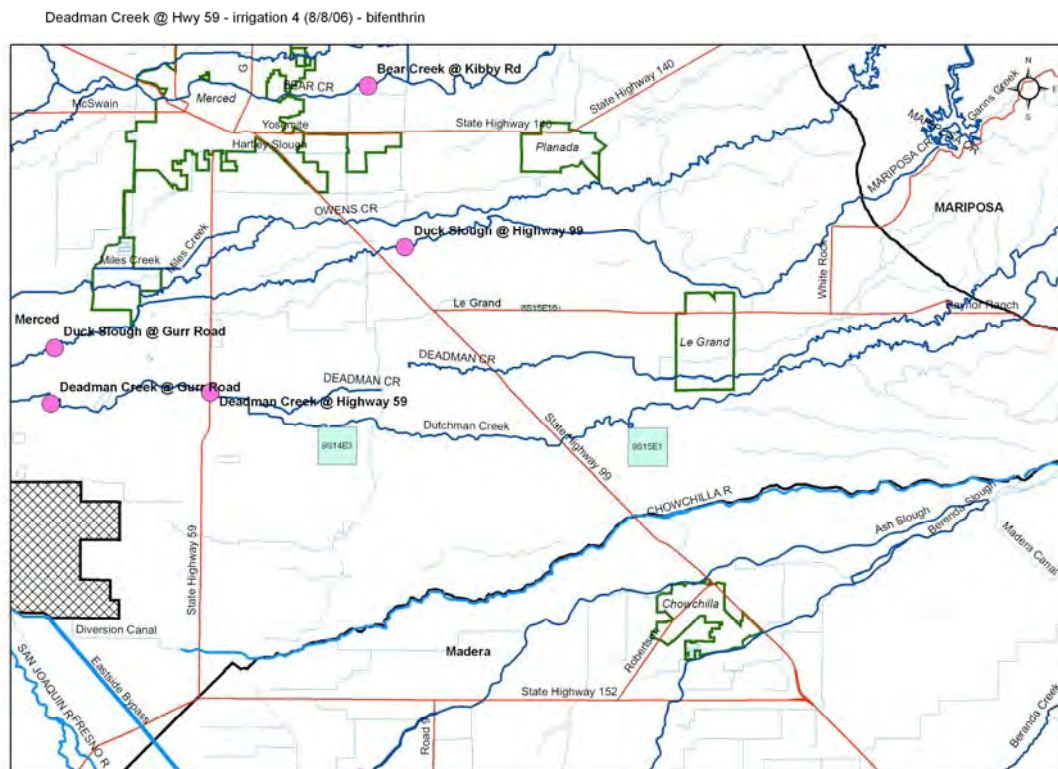
There are no registered products with DDD and DDT.

Deadman Creek @ Hwy 59 – Irrigation 4 (8/8/06) – Bifenthrin exceedance.

Table 7. Bifenthrin use for Deadman Creek @ Hwy 59 site subwatershed - irrigation 4.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
9S14E3	CORN FOR/FOD	7/12/2006	A	33	70506-58-AA	BIFENTURE	BIFENTHRIN	1	GA
8S15E16	ALMOND	8/5/2006	G	55	279-3108-AA	BRIGADE WSB INSECTICIDE/MITICIDE	BIFENTHRIN	55	LBS
9S15E1	ALMOND	8/5/2006	G	190	279-3108-AA	BRIGADE WSB INSECTICIDE/MITICIDE	BIFENTHRIN	190	LBS

Figure 7. Location of Bifenthrin use for Deadman Creek @ Hwy 59 site subwatershed - irrigation 4.

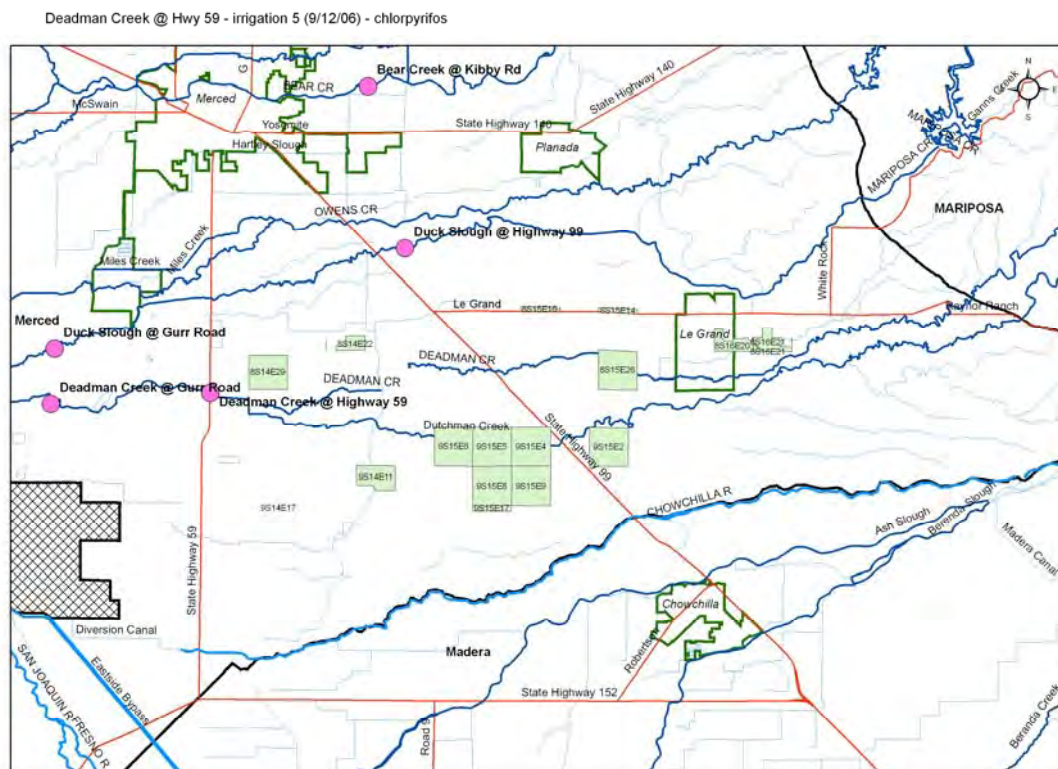


Deadman Creek @ Hwy 59 – Irrigation 5 (9/12/06) – Chlorpyrifos exceedance.

Table 8. Chlorpyrifos use for Deadman Creek @ Hwy 59 site subwatershed - irrigation 5.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S16E20	ALMOND	7/21/2006	G	56	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	28	GA
9S15E2	ALMOND	7/24/2006	G	102	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	51	GA
8S15E26	ALMOND	7/28/2006	A	92	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	46	GA
8S15E26	ALMOND	7/29/2006	A	90	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	45	GA
9S15E9	ALMOND	7/31/2006	A	36	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	18	GA
9S15E9	ALMOND	7/31/2006	A	40	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	20	GA
9S15E9	ALMOND	7/31/2006	A	88	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	44	GA
8S15E14	ALMOND	8/6/2006	G	17	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	9	GA
8S16E21	ALMOND	8/11/2006	G	37	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	14	GA
9S14E17	ALFALFA	8/11/2006	A	65	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	12	GA
8S15E16	WALNUT	8/30/2006	G	5	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	3	GA
9S15E4	ALFALFA	8/31/2006	A	158	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	38	GA
9S15E5	ALFALFA	8/31/2006	A	38	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	9	GA
9S14E11	ALFALFA	9/6/2006	A	110	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	22	GA
9S15E17	ALFALFA	9/6/2006	A	145	66222-19-AA-51036	CHLORPYRIFOS 4E AG	Chlorpyrifos	18	GA
9S15E6	ALFALFA	9/6/2006	A	53	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	11	GA
9S15E8	ALFALFA	9/6/2006	A	154	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	32	GA
8S14E22	CORN FOR/FOD	9/8/2006	A	61	67760-28-AA	NUFOS 4E	Chlorpyrifos	15	GA
8S14E29	COTTON	9/11/2006	A	56	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	106	PT
9S15E4	ALFALFA	9/11/2006	A	80	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	19	GA
9S15E5	ALFALFA	9/11/2006	A	23	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	6	GA
9S15E5	ALFALFA	9/11/2006	A	39	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	9	GA
9S15E5	ALFALFA	9/11/2006	A	37	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	9	GA
9S15E5	ALFALFA	9/11/2006	A	22	62719-79-AA	LOCK-ON INSECTICIDE	Chlorpyrifos	5	GA

Figure 8. Location of Chlorpyrifos use for Deadman Creek @ Hwy 59 site subwatershed - irrigation 5.

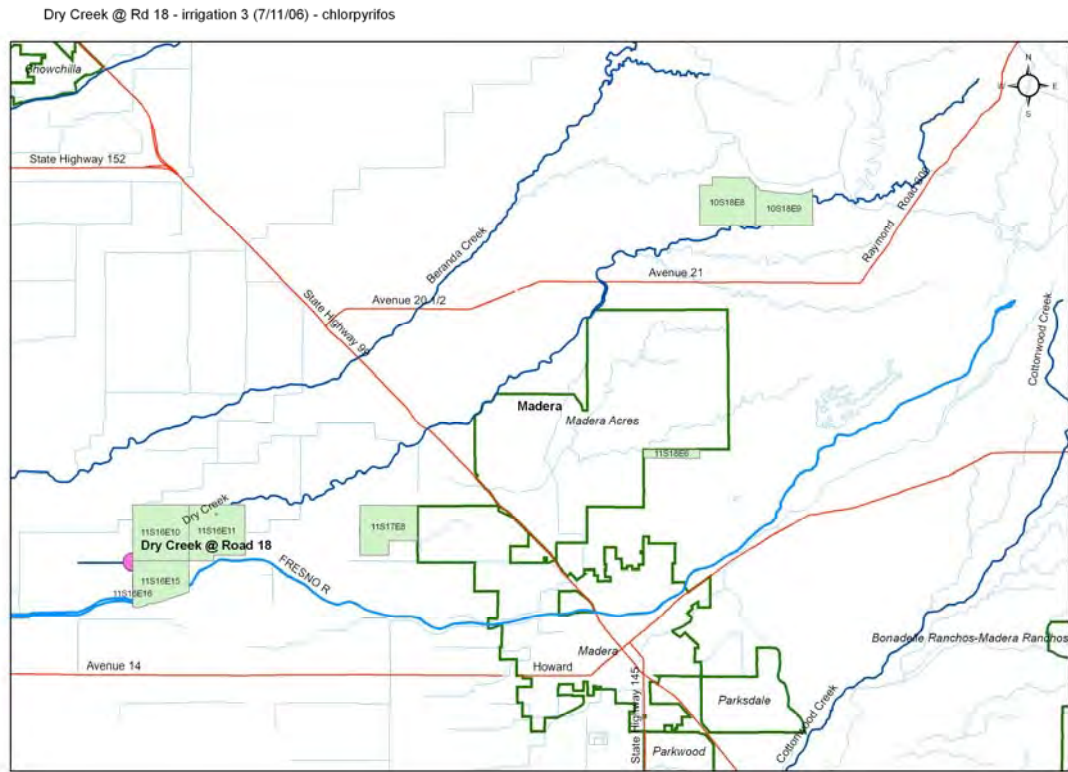


Dry Creek @ Rd 18. – Irrigation 3 (7/11/06) – Chlorpyrifos exceedance.

Table 9. Chlorpyrifos use for Dry Creek @ Rd 18 site subwatershed - irrigation 3.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S18E6	ALMOND	5/20/2006	236	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	118	GA
11S16E10	ALMOND	5/21/2006	58	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	232	PT
11S16E16	ALMOND	5/21/2006	18	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	72	PT
10S18E8	ORANGE	5/21/2006	20	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	1	GA
11S16E11	ALMOND	5/26/2006	59	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	236	PT
11S16E16	ALMOND	6/1/2006	20	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	80	PT
10S18E8	ORANGE	6/3/2006	10	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	1	GA
10S18E9	TANGELO	6/3/2006	40	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	10	GA
10S18E8	ORANGE	6/4/2006	74	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	9	GA
10S18E9	ORANGE	6/4/2006	83	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	10	GA
11S16E15	ALMOND	7/8/2006	115	67760-28-AA	NUFOS 4E	Chlorpyrifos	46027	PT
11S16E10	ALMOND	7/10/2006	115	67760-28-AA	NUFOS 4E	Chlorpyrifos	460	PT
11S17E8	ALMOND	7/11/2006	40	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	80	QT

Figure 9. Location of Chlorpyrifos use for Dry Creek @ Rd 18 site subwatershed - irrigation 3.



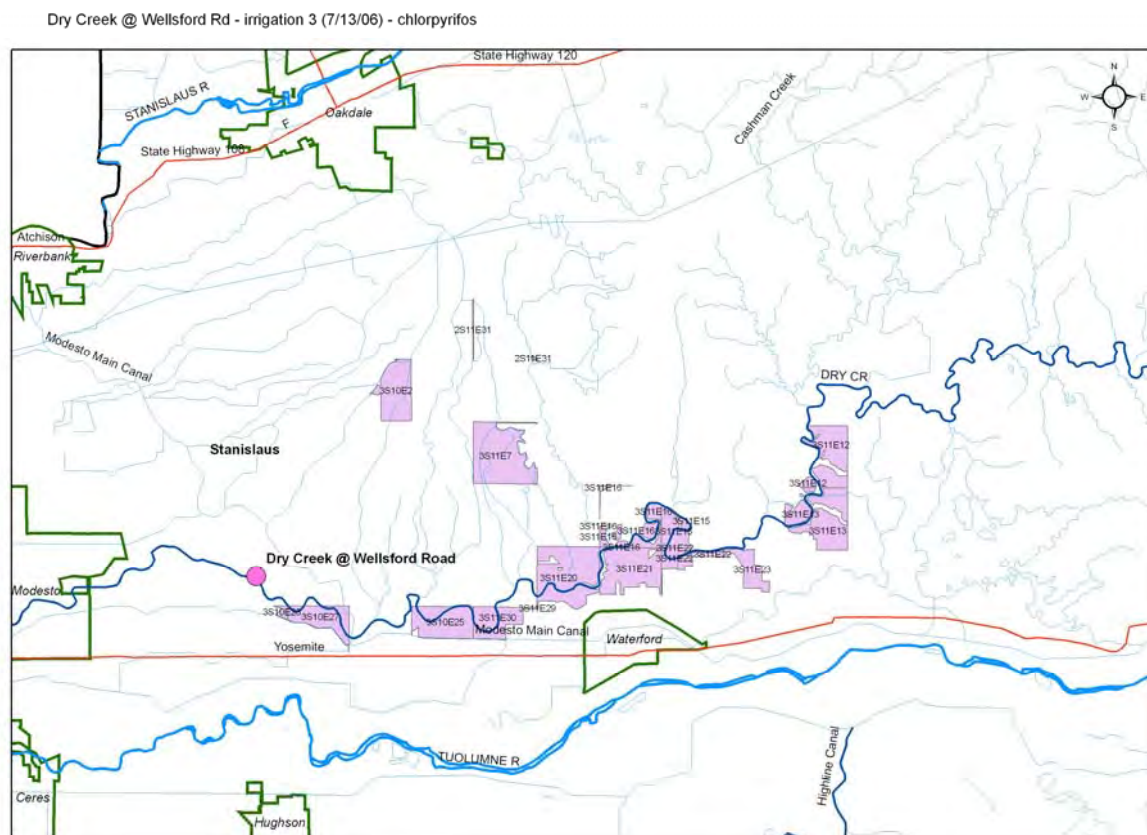
Dry Creek @ Wellsford Rd. – Irrigation 3 (7/13/06) – Chlorpyrifos exceedance.

Table 10. Chlorpyrifos use for Dry Creek @ Wellsford Rd site subwatershed - irrigation 3.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
3S11E15	ALMOND	6/6/2006	G	50	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	100	PT
3S11E7	CORN FOR/FOD	6/9/2006	G	20	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	60	PT
3S10E25	WALNUT	6/9/2006	G	17	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	1088	OZ
2S11E31	CORN FOR/FOD	6/19/2006	G	35	62719-34-AA	LORSBAN 15G GRANULAR I	Chlorpyrifos	350	LB
2S11E31	CORN FOR/FOD	6/19/2006	G	30	62719-34-AA	LORSBAN 15G GRANULAR I	Chlorpyrifos	300	LB
3S10E2	CORN FOR/FOD	6/19/2006	G	30	62719-34-AA	LORSBAN 15G GRANULAR I	Chlorpyrifos	300	LB
3S10E28	WALNUT	6/24/2006	G	55	66222-19-AA	CHLORPYRIFOS 4E AG	Chlorpyrifos	3520	OZ
3S10E27	WALNUT	6/24/2006	G	50	66222-19-AA	CHLORPYRIFOS 4E AG	Chlorpyrifos	544	OZ
3S11E23	WALNUT	6/28/2006	G	30	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	120	PT
3S10E28	WALNUT	6/28/2006	G	10	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	40	PT
3S11E7	CORN FOR/FOD	6/29/2006	G	56	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	21	GA
3S11E12	WALNUT	6/30/2006	G	85	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	350	PT
3S11E13	WALNUT	6/30/2006	G	62	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	268	PT
3S10E28	WALNUT	6/30/2006	G	9	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18	PT
3S10E28	WALNUT	7/1/2006	G	9	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18	PT
3S11E20	WALNUT	7/3/2006	G	13	67760-28-AA	NUFOS 4E	Chlorpyrifos	7	GA
3S11E20	WALNUT	7/3/2006	G	7	67760-28-AA	NUFOS 4E	Chlorpyrifos	4	GA
3S11E21	WALNUT	7/3/2006	G	9	67760-28-AA	NUFOS 4E	Chlorpyrifos	5	GA
3S10E28	WALNUT	7/3/2006	G	18	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	36	PT
3S10E25	WALNUT	7/3/2006	G	1	67760-28-AA	NUFOS 4E	Chlorpyrifos	2	QT
3S11E16	ALMOND	7/5/2006	G	240	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	480	PT
3S11E15	ALMOND	7/5/2006	G	20	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	40	PT
3S11E15	ALMOND	7/5/2006	G	430	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	860	PT
3S11E21	WALNUT	7/6/2006	G	17	67760-28-AA	NUFOS 4E	Chlorpyrifos	9	GA
3S11E21	WALNUT	7/6/2006	G	11	67760-28-AA	NUFOS 4E	Chlorpyrifos	6	GA
3S11E30	ALMOND	7/6/2006	G	15	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	30	QT
3S11E30	WALNUT	7/6/2006	G	15	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	30	QT
3S11E30	WALNUT	7/6/2006	G	10	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	20	QT
3S11E30	WALNUT	7/6/2006	G	11	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	6	GA
3S11E16	WALNUT	7/7/2006	G	45	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	23	GA
3S10E28	WALNUT	7/7/2006	G	10	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	40	PT
3S11E29	WALNUT	7/7/2006	G	15	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	30	QT
3S11E29	WALNUT	7/7/2006	G	18	67760-28-AA	NUFOS 4E	Chlorpyrifos	10	GA
3S11E12	ALMOND	7/8/2006	G	8	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	32	PT
3S11E16	ALMOND	7/8/2006	G	242	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	61	GA
3S11E29	WALNUT	7/8/2006	G	18	67760-28-AA	NUFOS 4E	Chlorpyrifos	9	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
3S11E15	ALMOND	7/9/2006	G	430	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	108	GA
3S11E15	ALMOND	7/10/2006	G	35	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	5	GA
3S11E22	WALNUT	7/11/2006	G	35	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	37	QT
3S11E21	WALNUT	7/12/2006	G	18	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	72	PT

Figure 10. Location of Chlorpyrifos use for Dry Creek @ Wellsford Rd site subwatershed - irrigation 3.



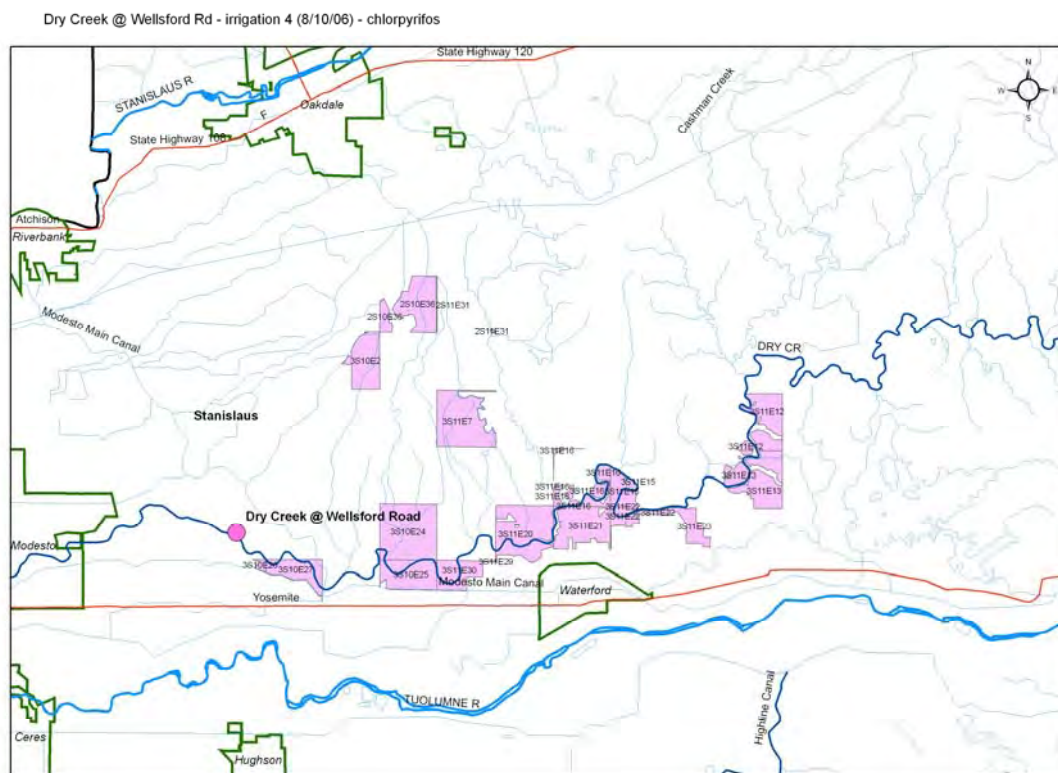
Dry Creek @ Wellsford R. – Irrigation 4 (8/10/06) – Chlorpyrifos exceedance.

Table 11. Chlorpyrifos use for Dry Creek @ Wellsford site subwatershed – irrigation 4.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
3S11E15	ALMOND	6/6/2006	G	50	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	100	PT
3S11E7	CORN FOR/FOD	6/9/2006	G	20	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	60	PT
3S10E25	WALNUT	6/9/2006	G	17	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	1088	OZ
2S11E31	CORN FOR/FOD	6/19/2006	G	35	62719-34-AA	LORSBAN 15G GRANULAR INSECTICIDE	Chlorpyrifos	350	LB
2S11E31	CORN FOR/FOD	6/19/2006	G	30	62719-34-AA	LORSBAN 15G GRANULAR INSECTICIDE	Chlorpyrifos	300	LB
3S10E2	CORN FOR/FOD	6/19/2006	G	30	62719-34-AA	LORSBAN 15G GRANULAR INSECTICIDE	Chlorpyrifos	300	LB
3S10E28	WALNUT	6/24/2006	G	55	66222-19-AA	CHLORPYRIFOS 4E AG	Chlorpyrifos	3520	OZ
3S10E27	WALNUT	6/24/2006	G	50	66222-19-AA	CHLORPYRIFOS 4E AG	Chlorpyrifos	544	OZ
3S11E23	WALNUT	6/28/2006	G	30	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	120	PT
3S10E28	WALNUT	6/28/2006	G	10	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	40	PT
3S11E7	CORN FOR/FOD	6/29/2006	G	56	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	21	GA
3S11E12	WALNUT	6/30/2006	G	85	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	350	PT
3S11E13	WALNUT	6/30/2006	G	62	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	268	PT
3S10E28	WALNUT	6/30/2006	G	9	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18	PT
3S10E28	WALNUT	7/1/2006	G	9	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18	PT
3S11E20	WALNUT	7/3/2006	G	13	67760-28-AA	NUFOS 4E	Chlorpyrifos	7	GA
3S11E20	WALNUT	7/3/2006	G	7	67760-28-AA	NUFOS 4E	Chlorpyrifos	4	GA
3S11E21	WALNUT	7/3/2006	G	9	67760-28-AA	NUFOS 4E	Chlorpyrifos	5	GA
3S10E28	WALNUT	7/3/2006	G	18	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	36	PT
3S10E25	WALNUT	7/3/2006	G	1	67760-28-AA	NUFOS 4E	Chlorpyrifos	2	QT
3S11E16	ALMOND	7/5/2006	G	240	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	480	PT
3S11E15	ALMOND	7/5/2006	G	20	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	40	PT
3S11E15	ALMOND	7/5/2006	G	430	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	860	PT
3S11E21	WALNUT	7/6/2006	G	17	67760-28-AA	NUFOS 4E	Chlorpyrifos	9	GA
3S11E21	WALNUT	7/6/2006	G	11	67760-28-AA	NUFOS 4E	Chlorpyrifos	6	GA
3S11E30	ALMOND	7/6/2006	G	15	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	30	QT
3S11E30	WALNUT	7/6/2006	G	15	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	30	QT
3S11E30	WALNUT	7/6/2006	G	10	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	20	QT
3S11E30	WALNUT	7/6/2006	G	11	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	6	GA
3S11E16	WALNUT	7/7/2006	G	45	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	23	GA
3S10E28	WALNUT	7/7/2006	G	10	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	40	PT
3S11E29	WALNUT	7/7/2006	G	15	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	30	QT
3S11E29	WALNUT	7/7/2006	G	18	67760-28-AA	NUFOS 4E	Chlorpyrifos	10	GA
3S11E12	ALMOND	7/8/2006	G	8	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	32	PT
3S11E16	ALMOND	7/8/2006	G	242	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	61	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
3S11E29	WALNUT	7/8/2006	G	18	67760-28-AA	NUFOS 4E	Chlorpyrifos	9	GA
3S11E15	ALMOND	7/9/2006	G	430	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	108	GA
3S11E15	ALMOND	7/10/2006	G	35	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	5	GA
3S11E22	WALNUT	7/11/2006	G	35	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	37	QT
3S11E21	WALNUT	7/12/2006	G	18	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	72	PT
2S10E36	CORN FOR/FOD	7/14/2006	A	35	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	35	OZ
3S11E23	ALMOND	7/15/2006	G	20	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	80	PT
3S11E20	ALMOND	7/17/2006	G	40	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	160	PT
3S11E30	ALMOND	7/19/2006	G	20	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	80	PT
2S10E36	CORN FOR/FOD	7/19/2006	A	149	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	224	OZ
3S11E21	ALMOND	7/22/2006	G	9	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	36	PT
3S11E21	ALMOND	7/22/2006	G	14	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	56	PT
3S10E25	ALMOND	7/22/2006	G	55	66222-19-AA	CHLORPYRIFOS 4E AG	Chlorpyrifos	3520	OZ
3S11E30	ALMOND	7/25/2006	G	8	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	3	QT
3S11E30	ALMOND	7/25/2006	G	14	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	15	QT
3S11E29	ALMOND	7/25/2006	G	6	464-448-AA	LORSBAN 4E INSECTICIDE	Chlorpyrifos	384	OZ
3S11E29	ALMOND	7/26/2006	G	7	464-448-AA	LORSBAN 4E INSECTICIDE	Chlorpyrifos	448	OZ
3S11E21	ALMOND	7/28/2006	G	158	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	158	QT
3S10E24	ALMOND	7/29/2006	A	13	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	26	QT
3S10E25	WALNUT	7/29/2006	G	17	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	1088	OZ
3S11E30	ALMOND	7/29/2006	G	16	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	64	PT
3S11E20	ALMOND	8/2/2006	G	15	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	60	PT
3S11E22	WALNUT	8/3/2006	G	10	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	10	QT
3S10E28	WALNUT	8/5/2006	G	1	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	3	PT

Figure 11. Location of Chlorpyrifos use for Dry Creek @ Wellsford site subwatershed – irrigation 4.

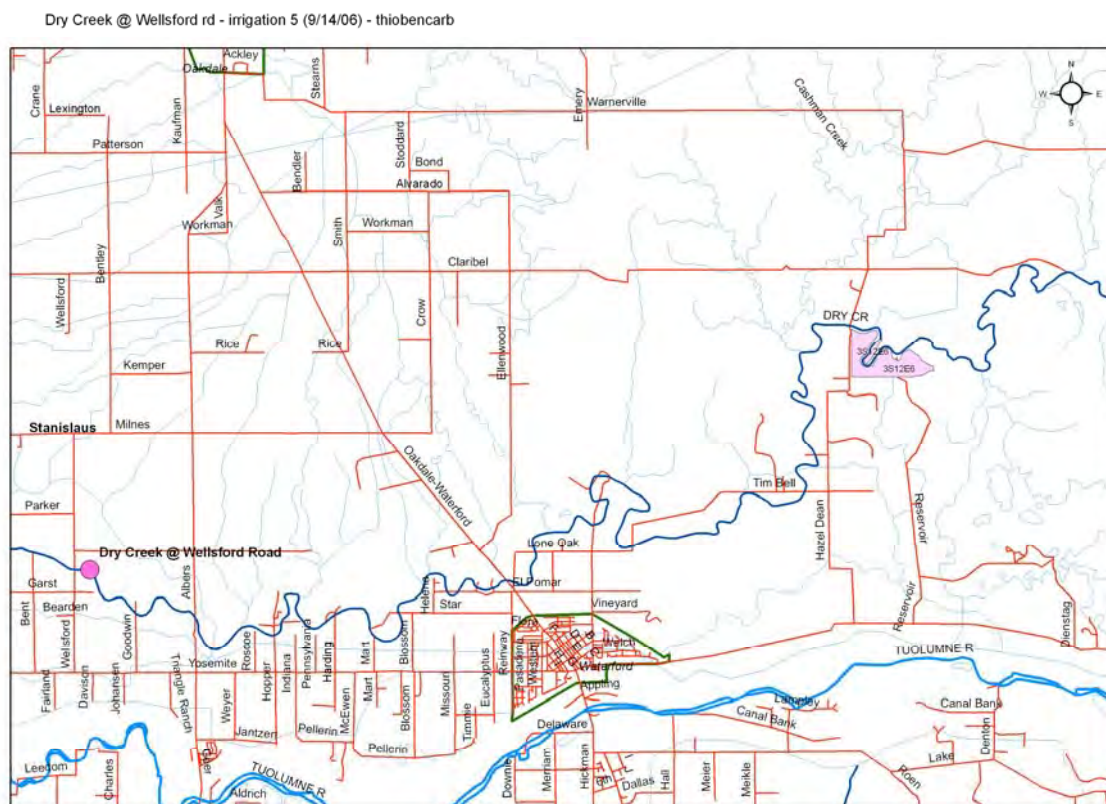


Dry Creek @ Wellsford R. – Irrigation 5 (9/14/06) – Thiobencarb exceedance.

Table 12. Thiobencarb use for Dry Creek @ Wellsford site subwatershed – irrigation 5.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	UNIT
3S12E6	RICE	6/6/2006	A	41	59639-79-ZA	ABOLISH 8 EC RICE HERBICIDE	THIOBENCARB	120	PT

Figure 12. Location of Thiobencarb use for Dry Creek @ Wellsford site subwatershed – irrigation 5.

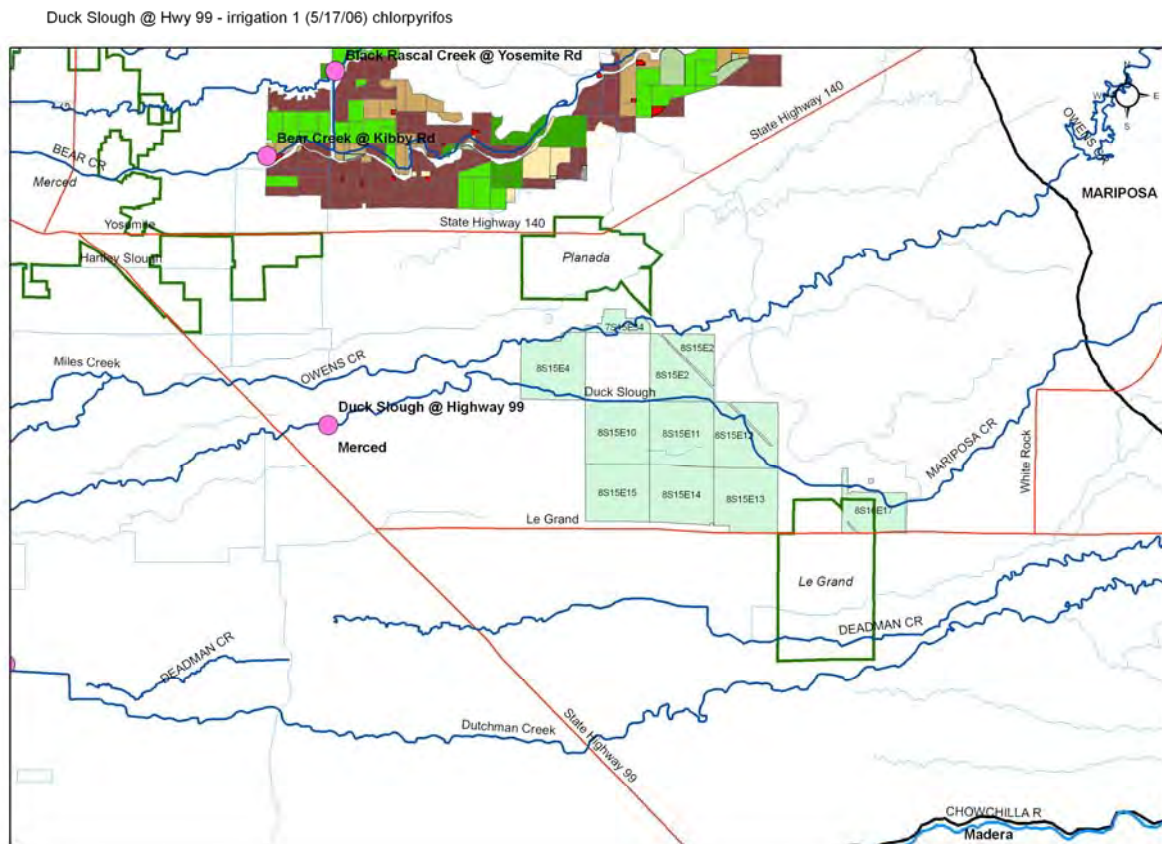


Duck Creek @ Hwy 99 – Irrigation 1 (5/17/06) – Chlorpyrifos exceedance.

Table 13. Chlorpyrifos use for Duck Slough @ Hwy 99 site subwatershed – irrigation 1.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E2	ALFALFA	3/9/2006	G	46	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	4	GA
8S15E2	ALFALFA	3/9/2006	G	40	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	4	GA
8S15E4	ALFALFA	3/10/2006	G	65	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	6	GA
8S15E13	ALMOND	5/12/2006	G	75	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	38	GA
8S15E12	WALNUT	5/13/2006	G	40	464-448-ZA	LORSBAN 4E-HF INSECTICIDE	Chlorpyrifos	160	PT
8S15E12	WALNUT	5/13/2006	G	40	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	160	PT
8S15E12	WALNUT	5/14/2006	G	18	464-448-AA	LORSBAN 4E INSECTICIDE	Chlorpyrifos	72	PT
8S15E12	WALNUT	5/14/2006	G	18	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	72	PT
8S15E15	WALNUT	5/15/2006	G	20	464-448-AA	LORSBAN 4E INSECTICIDE	Chlorpyrifos	80	PT
8S15E10	ALMOND	5/15/2006	G	10	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	3	GA
8S15E11	ALMOND	5/15/2006	G	60	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	30	GA
8S15E15	WALNUT	5/15/2006	G	20	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	80	PT
8S15E12	WALNUT	5/16/2006	G	10	464-448-AA	LORSBAN 4E INSECTICIDE	Chlorpyrifos	40	PT
7S15E34	ALMOND	5/16/2006	G	33	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	8	GA
8S15E15	ALMOND	5/16/2006	G	20	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	5	GA
8S15E15	ALMOND	5/16/2006	G	35	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	9	GA
8S15E12	WALNUT	5/16/2006	G	10	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	40	PT
8S15E15	ALMOND	5/17/2006	G	60	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	15	GA

Figure 13. Location for Chlorpyrifos use for Duck Slough @ Hwy 99 site subwatershed – irrigation 1.



Duck Creek @ Gurr Rd. – Irrigation 2 (6/14/06) – Thiobencarb exceedance.

Thiobencarb was reported at 5.8 µg/L. There was no toxicity related to the field samples taken on June 14, 2006 at the Duck Slough @ Gurr Road site. Therefore, no toxicity identification evaluation tests were performed and no re-sampling of the site was triggered due to this exceedance.

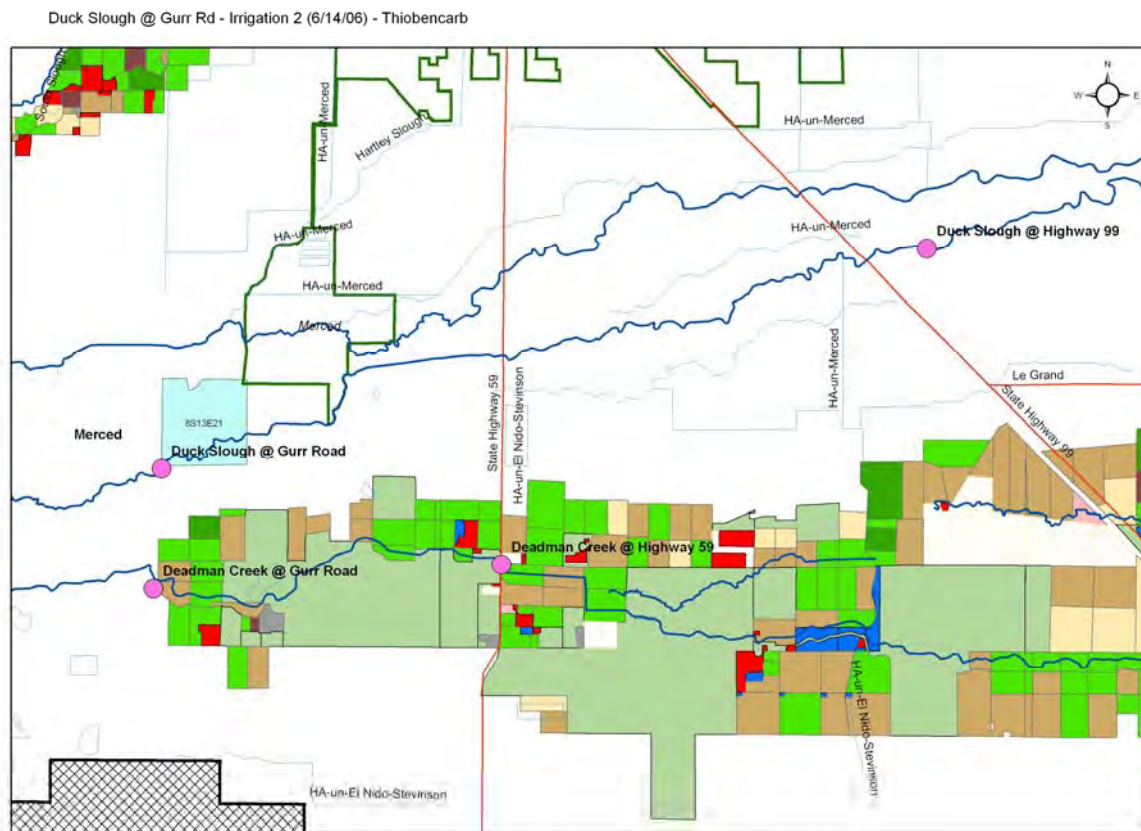
Thiobencarb is a pre-emergent and early post-emergent systemic herbicide used to control many broadleaf weeds, grasses, and sedge in food crops such as rice (95 % of the US use), lettuce, celery, and endive (U.S.EPA RED Facts, 1997; Meister, 1998). The primary target weed is barnyard grass, *Echinochloa crus-galli*, the most serious pest in rice.

Pesticide Use Reports show one application of thiobencarb within the subwatershed. The application occurred just adjacent to the sampling site on June 1, two weeks before the date of sampling. Because no other thiobencarb applications have been reported in the sub-watershed, the Coalition is certain that the source of the exceedance came from this application. Follow up actions in the Duck Slough sub-watershed to address this exceedance have been initiated. In addition, the Coalition will work with the County Agricultural Commissioner to evaluate the hold times on water where thiobencarb has been applied.

Table 14. Thiobencarb use for Duck Creek @ Gurr Rd. site subwatershed – irrigation 2.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S13E21	RICE	6/1/2006	A	49	59639-112-AA	BOLERO 15G	THIOBENCARB	1284	LBS

Figure 14. Location for Thiobencarb use for Duck Creek @ Gurr Rd. site subwatershed – irrigation 2.

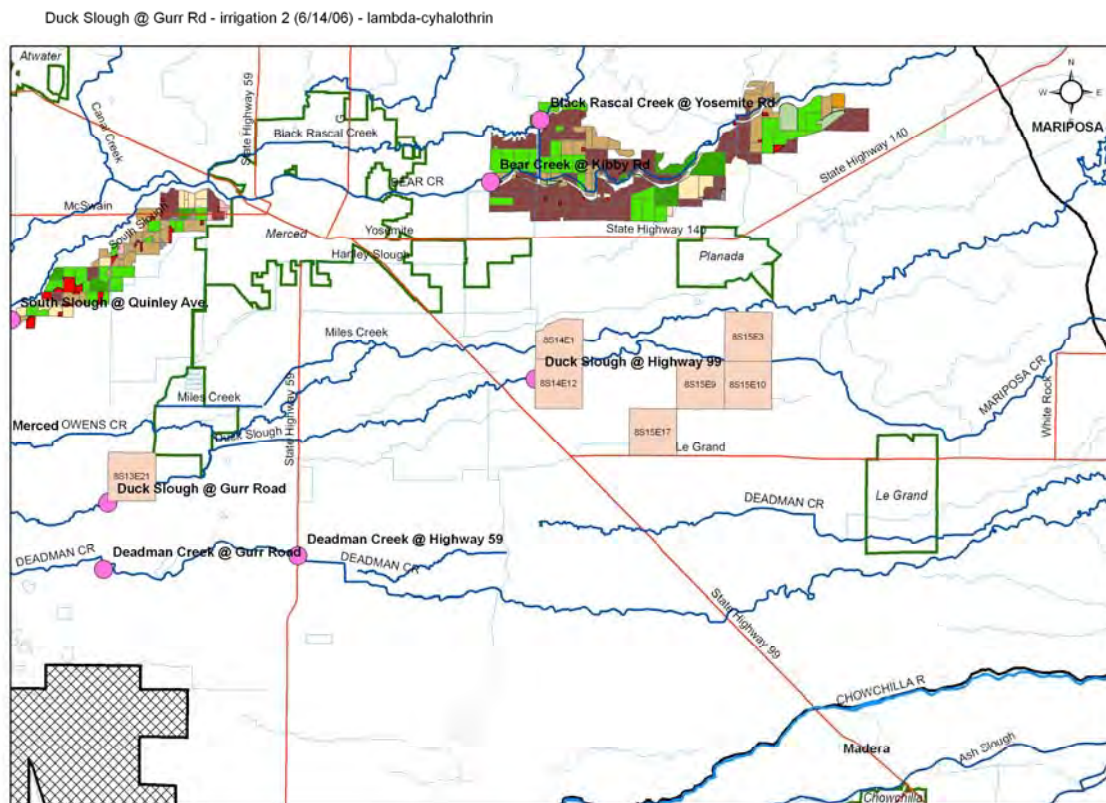


Duck Creek @ Gurr Rd. – Irrigation 2 (6/14/06) – Lambda-cyhalothrin exceedance.

Table 15. Lambda-cyhalothrin use for Duck Creek @ Gurr Rd site subwatershed - irrigation 2.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	unit
8S15E 17	WALNUT	5/10/2006	G	36	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	144	OZ
8S14E 12	ALMOND	5/16/2006	G	60	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	194	OZ
8S15E 10	ALMOND	5/20/2006	G	28	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	108	OZ
8S15E 10	ALMOND	5/20/2006	G	40	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	154	OZ
8S14E 1	ALMOND	5/26/2006	G	43	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	129	OZ
8S15E 9	ALMOND	5/26/2006	G	55	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	211	OZ
8S15E 3	ALMOND	5/30/2006	G	239	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	918	OZ
8S13E 21	RICE	6/1/2006	A	5	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	0	GA
8S13E 21	RICE	6/8/2006	A	15	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	0	GA

Figure 15. Location of Lambda-cyhalothrin use for Duck Creek @ Gurr Rd site subwatershed - irrigation 2.

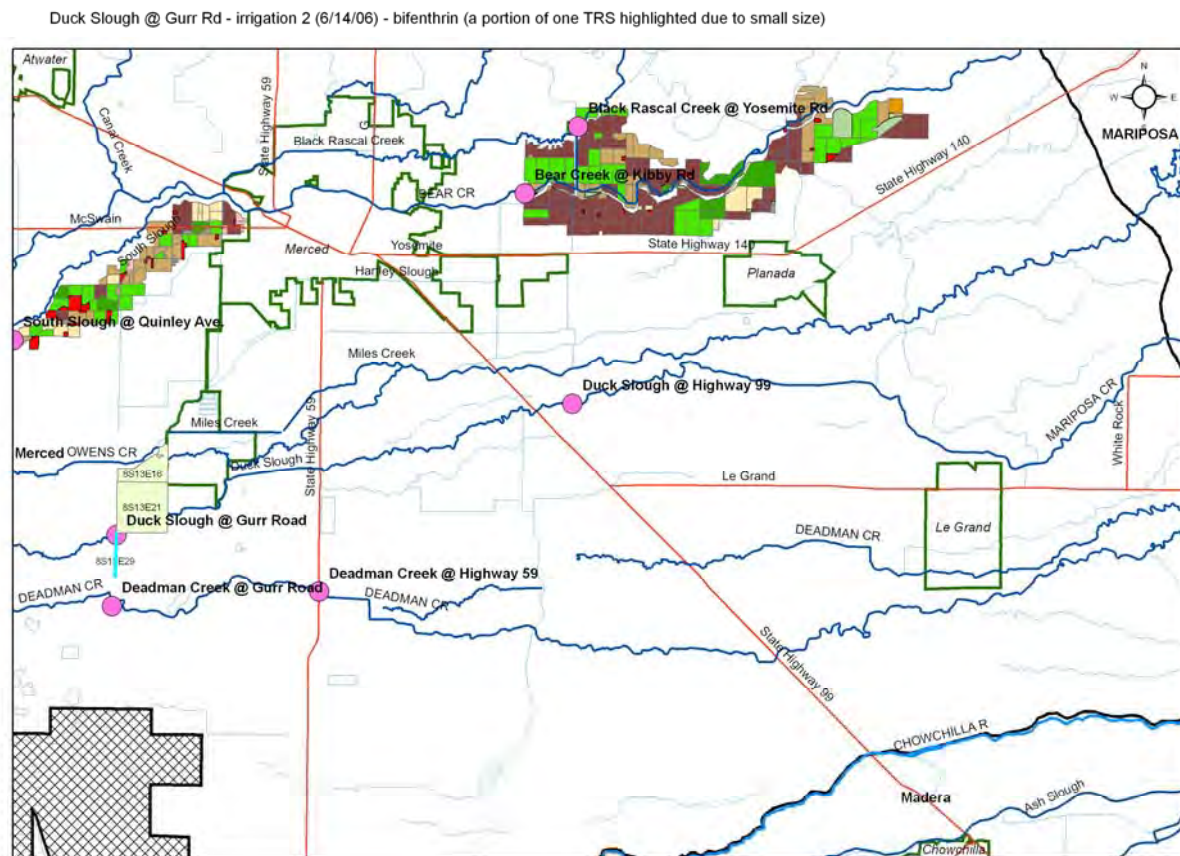


Duck Creek @ Gurr Rd. – Irrigation 2 (6/14/06) – Bifenthrin exceedance.

Table 16. Bifenthrin use for Duck Creek @ Gurr Rd site subwatershed - irrigation 2.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	43	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	2	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	56	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	3	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	63	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	3	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	44	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	2	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	49	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	2	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	6	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	0	GA
8S13E21	CORN HUMAN CONSUMP	6/12/2006	A	9	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	0	GA
8S13E29	CANTALOUPE	6/20/2006	G	78	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	156	OZ
8S13E29	CANTALOUPE	6/20/2006	G	64	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	127	OZ
8S13E29	CANTALOUPE	6/30/2006	G	80	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	205	OZ

Figure 16. Location of Bifenthrin use for Duck Creek @ Gurr Rd site subwatershed - irrigation 2.

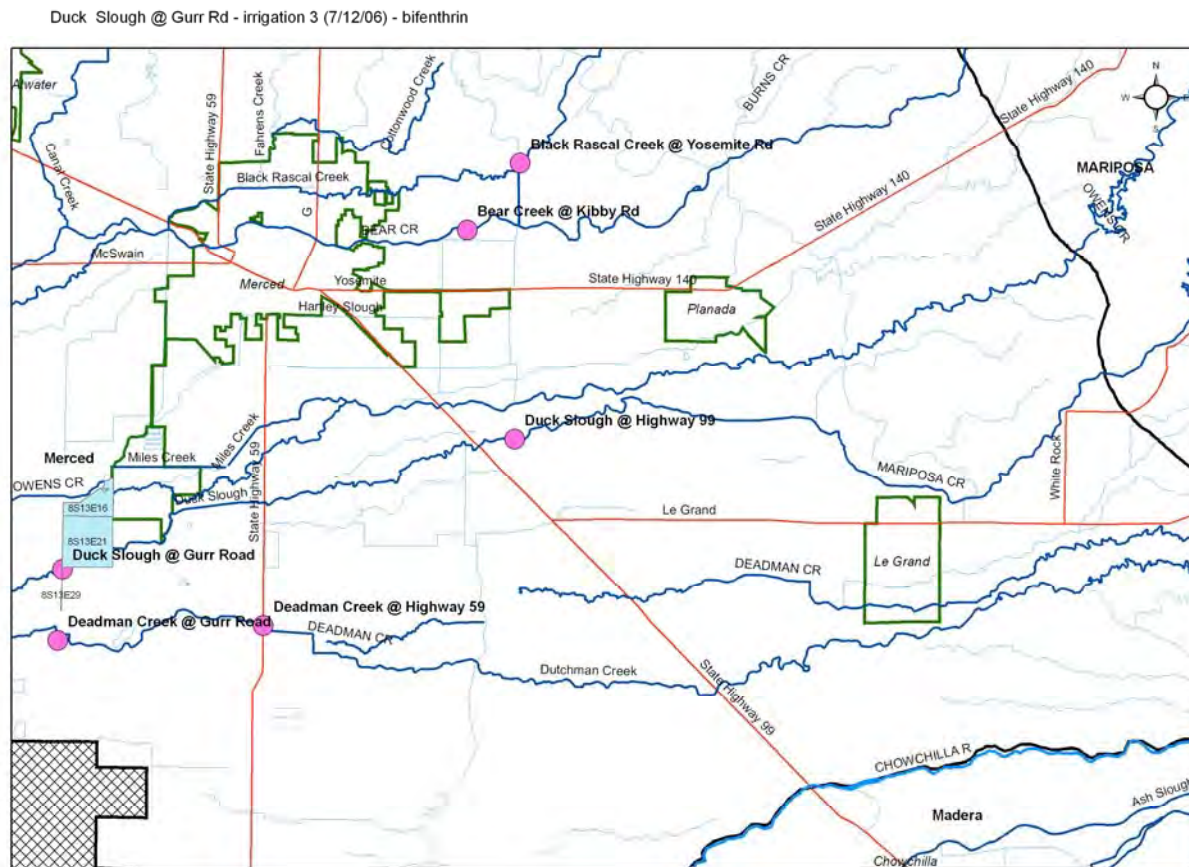


Duck Creek @ Gurr Rd. – Irrigation 3 (7/12/06) – Bifenthrin exceedance.

Table 17. Bifenthrin use for Duck Creek @ Gurr Rd site subwatershed - irrigation 3.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	43	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	2	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	56	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	3	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	63	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	3	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	44	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	2	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	49	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	2	GA
8S13E16	CORN HUMAN CONSUMP	6/12/2006	A	6	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	0.3	GA
8S13E21	CORN HUMAN CONSUMP	6/12/2006	A	9	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	0.5	GA
8S13E29	CANTALOUPE	6/20/2006	G	78	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	156	OZ
8S13E29	CANTALOUPE	6/20/2006	G	64	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	127	OZ
8S13E29	CANTALOUPE	6/30/2006	G	80	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	205	OZ

Figure 17. Location of Bifenthrin use for Duck Creek @ Gurr Rd site subwatershed - irrigation 3.

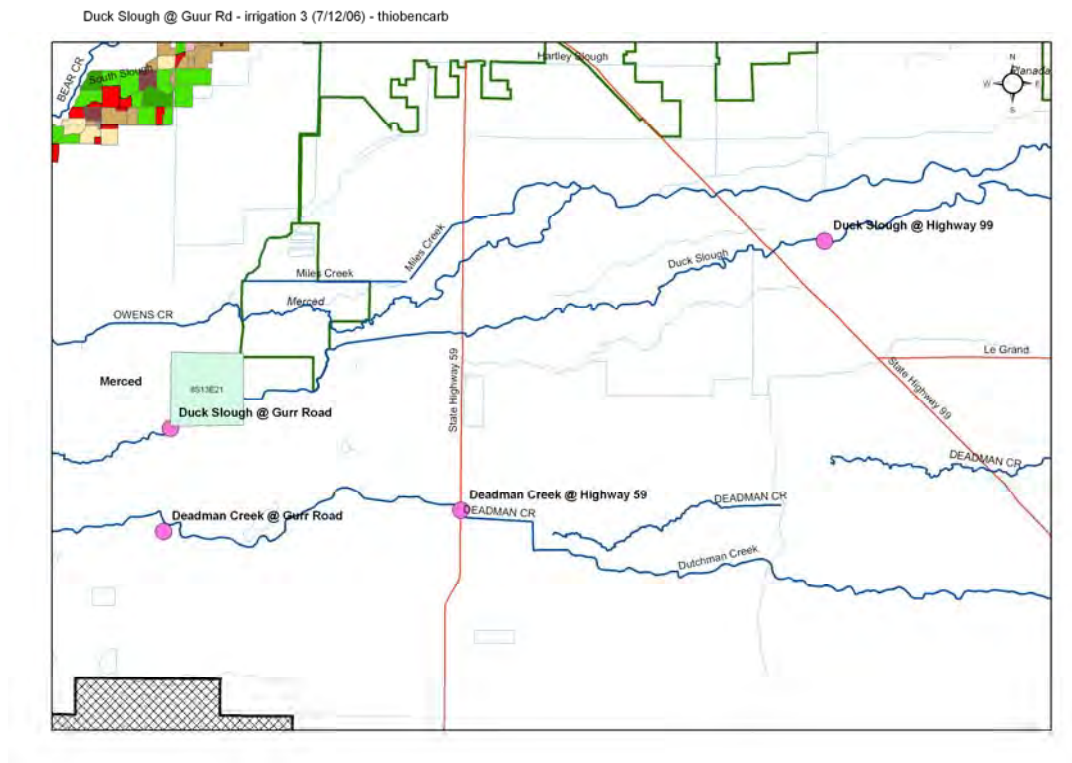


Duck Creek @ Gurr Rd. – Irrigation 3 (7/12/06) – Thiobencarb exceedance.

Table 18. Thiobencarb use for Duck Creek @ Gurr Rd site subwatershed - irrigation 3.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S13E21	RICE	06/01/06	A	49.4	59639-112-AA	BOLERO 15G	THIOBENCARB	1284.4	LBS
8S13E21	RICE	06/28/06	A	149	59639-79-ZA	ABOLISH 8 EC RICE HERBICIDE	THIOBENCARB	55.88	GA

Figure 18. Location of Thiobencarb use for Duck Creek @ Gurr Rd site subwatershed - irrigation 3.



Hilmar Drain @ Central Ave. – Irrigation 3 (7/13/06) – Chlorpyrifos exceedance

PURs from Merced County showed that there were no reported chlorpyrifos applications prior to 7/13/06.

Hilmar Drain @ Central Ave. – Irrigation 4 (8/10/06) – DDD exceedance.

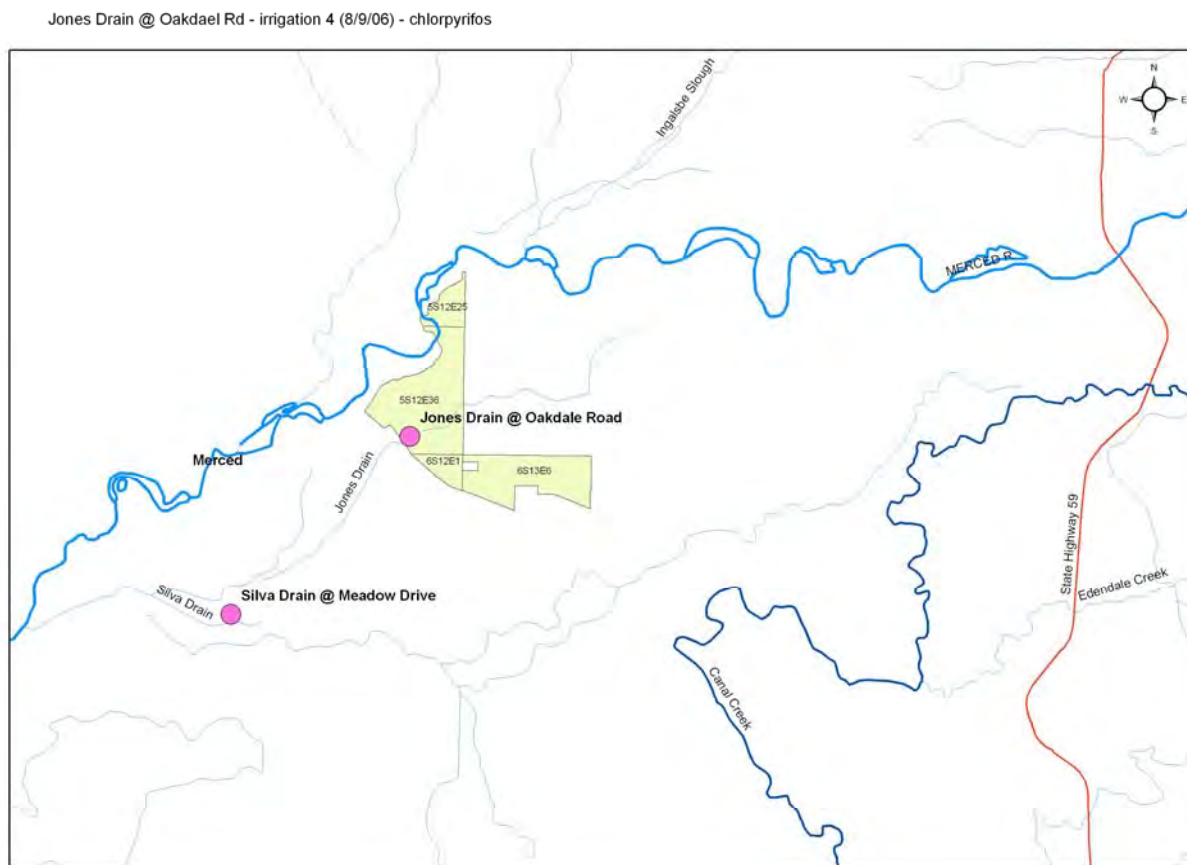
There are no registered products with DDD.

Jones Drain @ Oakdale Rd. – Irrigation 4 (8/10/06) – Chlorpyrifos exceedance.

Table 19. Chlorpyrifos use for Jones Drain @ Oakdale Rd site subwatershed - irrigation 4.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S12E 25	WALNUT	5/26/2006	A	20	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	10	GA
5S12E 36	WALNUT	5/26/2006	A	30	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	15	GA
6S13E 6	WALNUT	6/29/2006	G	30	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	8	GA
5S12E 25	WALNUT	7/17/2006	G	100	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	50	GA
5S12E 36	WALNUT	7/18/2006	G	50	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	25	GA
5S12E 36	CORN FOR/FOD	8/4/2006	A	65	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	8	GA
6S12E 1	CORN FOR/FOD	8/4/2006	A	42	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	5	GA
6S12E 1	CORN FOR/FOD	8/4/2006	A	100	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	13	GA
6S12E 1	CORN FOR/FOD	8/4/2006	A	55	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	1	GA
6S12E 1	CORN FOR/FOD	8/4/2006	A	43	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	5	GA
6S13E 6	WALNUT	8/8/2006	G	28	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	4	GA

Figure 19. Location of Chlorpyrifos use for Jones Drain @ Oakdale Rd site subwatershed - irrigation 4.

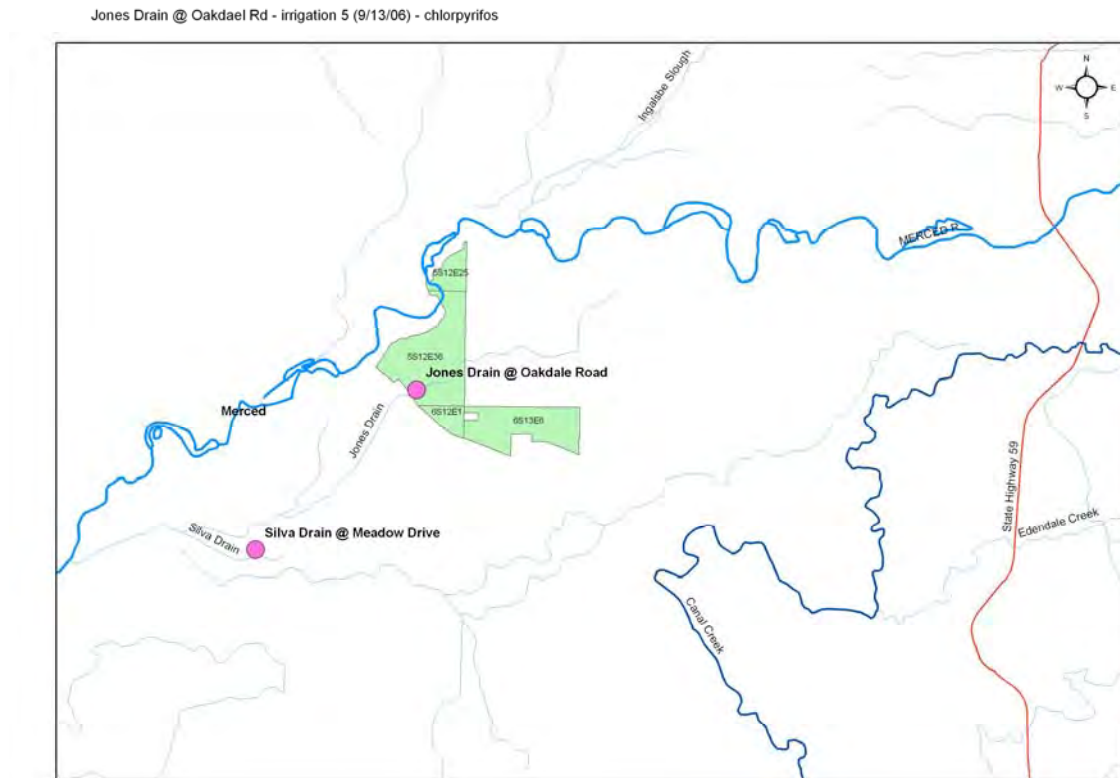


Jones Drain @ Oakdale Rd. – Irrigation 5 (9/13/06) – Chlorpyrifos exceedance.

Table 20. Chlorpyrifos use for Jones Drain @ Oakdale Rd site subwatershed - irrigation 5.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S12E25	WALNUT	7/17/2006	G	100	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	50	GA
5S12E36	WALNUT	7/18/2006	G	50	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	25	GA
5S12E36	CORN FOR/FOD	8/4/2006	A	65	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	8	GA
6S12E1	CORN FOR/FOD	8/4/2006	A	42	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	5	GA
6S12E1	CORN FOR/FOD	8/4/2006	A	100	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	13	GA
6S12E1	CORN FOR/FOD	8/4/2006	A	55	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	1	GA
6S12E1	CORN FOR/FOD	8/4/2006	A	43	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	5	GA
6S13E6	WALNUT	8/8/2006	G	28	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	4	GA
6S13E6	ALMOND	8/16/2006	G	5	66222-19-AA	CHLORPYRIFOS 4E AG	Chlorpyrifos	20	PT
6S12E1	CORN FOR/FOD	8/21/2006	A	105	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	13	GA

Figure 20. Location of Chlorpyrifos use for Jones Drain @ Oakdale Rd site subwatershed - irrigation 5.



Jones Drain @ Oakdale Rd. – Irrigation 5 (9/13/06) – DDT exceedance.

There are no registered products with DDT.

Mustang Creek @ East Ave. – Irrigation 1 (5/18/06) – Chlorpyrifos exceedance.

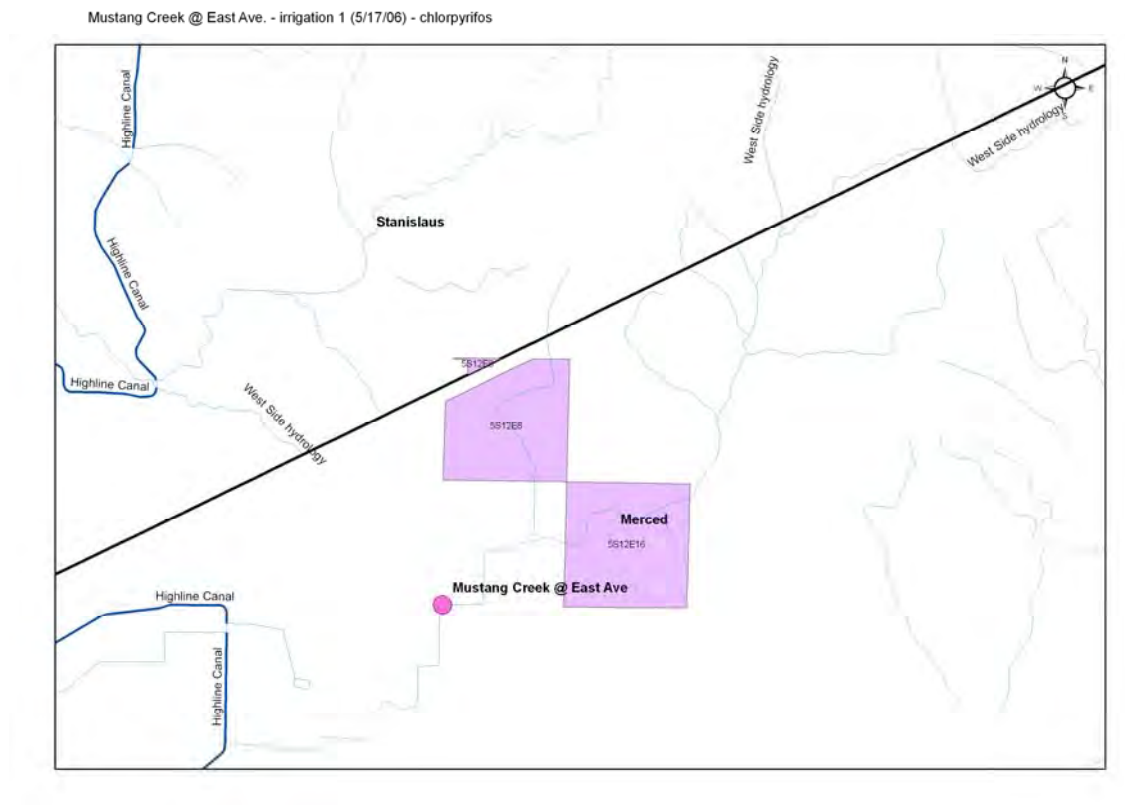
Table 21. Chlorpyrifos use for Mustang Creek @ East Ave. site subwatershed – irrigation 1 – Merced County.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S12E16	ALMOND	01/20/06	G	190	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	380	QT
5S12E8	ALMOND	05/15/06	G	14	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	28	QT

Table 22. Chlorpyrifos use for Mustang Creek @ East Ave. site subwatershed – irrigation 1 – Stanislaus County.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S12E8	ALMOND	5/15/06	G	14	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	28	QT
5S12E8	ALMOND	5/19/06	G	282	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18.048	OZ

Figure 21. Location for chlorpyrifos use for Mustang Creek @ East Ave. site subwatershed – irrigation 1.



Mustang Creek @ East Ave. – Irrigation 4 (8/10/06) – Chlorpyrifos exceedance.

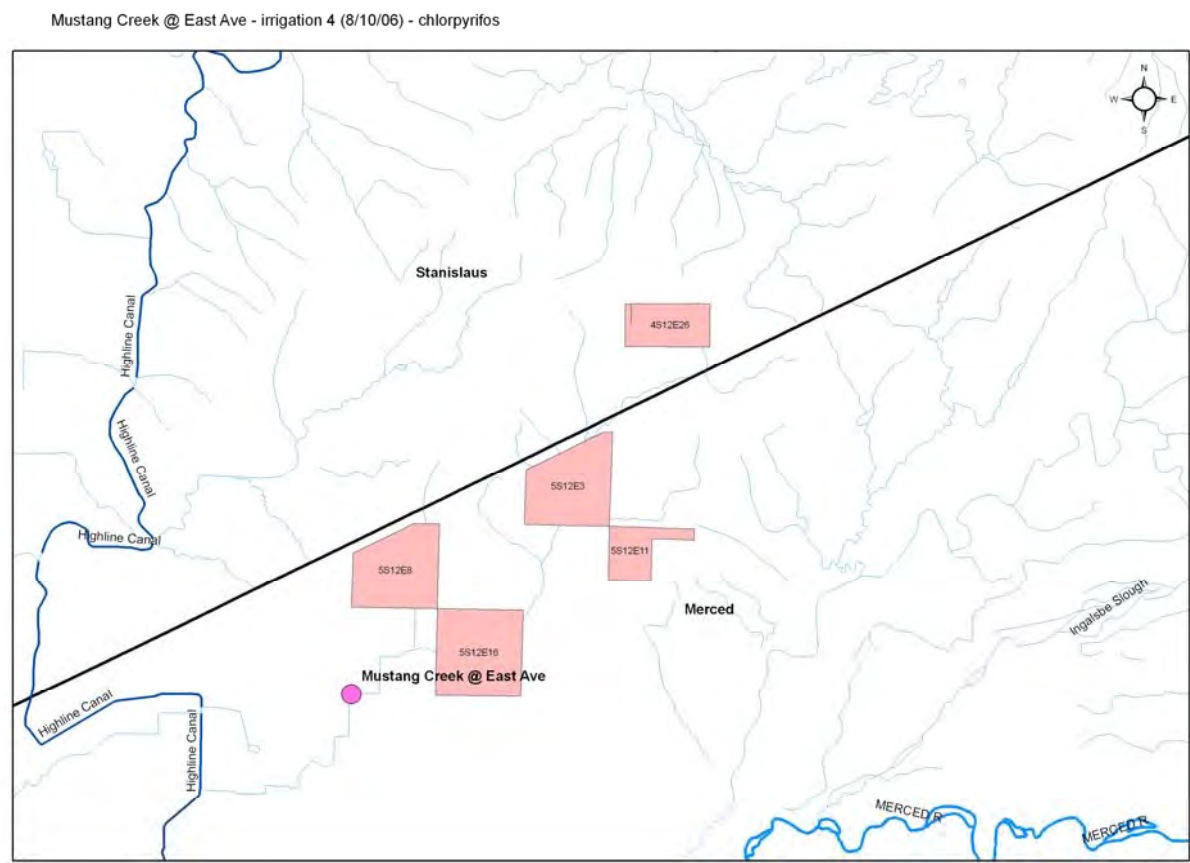
Table 23. Chlorpyrifos use for Mustang Creek @ East Ave. site subwatershed – irrigation 4 – Merced County.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S12E16	ALMOND	1/20/2006	G	190	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	380	QT
5S12E8	ALMOND	5/15/2006	G	14	62719-220-AA	LORSBAN 4E-HF	Chlorpyrifos	28	QT
5S12E8	ALMOND	5/19/2006	G	282	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	18	OZ
5S12E3	CORN FOR/FOD	7/8/2006	A	180	51036-291-AA	CHLORPYRIFOS 4E-AG	Chlorpyrifos	34	GA
5S12E3	CORN FOR/FOD	7/13/2006	A	150	66222-19-AA-19713	DREXEL CHLORPYRIFOS 4E-AG	Chlorpyrifos	28	GA
5S12E11	ALMOND	7/17/2006	G	115	62719-220-ZB	LORSBAN-4E	Chlorpyrifos	1495	OZ
5S12E8	ALMOND	7/31/2006	G	282	62719-220-AA-55467	GOVERN 4E INSECTICIDE	Chlorpyrifos	180480	OZ

Table 24. Chlorpyrifos use for Mustang Creek @ East Ave. site subwatershed – irrigation 4 – Stanislaus County.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
4S12E26	ALMOND	7/19/2006	G	40	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	20	GA
4S12E26	ALMOND	7/30/2006	G	288	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	288	QT
4S12E26	ALMOND	8/3/2006	G	352	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	352	PT
4S12E26	ALMOND	8/5/2006	G	88	62719-220-ZA	LORSBAN-4E	Chlorpyrifos	88	QT

Figure 22. Location of Chlorpyrifos use for Mustang Creek @ East Ave. site subwatershed – irrigation 4.

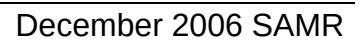


Prairie Flower Drain @ Crows Landing Rd. – Irrigation 4 (8/10/06) – Bifenthrin exceedance.

Table 25. Bifenthrin use for Prairie Flower Drain @ Crows Rd site subwatershed - irrigation 4.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S9E12	CORN FOR/FOD	6/23/2006	G	35	70506-58-AA	BIFENTURE EC	BIFENTHRIN	2	GA
6S9E2	CORN FOR/FOD	6/30/2006	G	61	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA
6S9E2	CORN FOR/FOD	6/30/2006	G	20	70506-58-AA	BIFENTURE EC	BIFENTHRIN	1	GA
6S9E4	CORN FOR/FOD	7/6/2006	G	10	70506-58-AA	BIFENTURE EC	BIFENTHRIN	1	GA
6S9E4	CORN FOR/FOD	7/6/2006	G	18	70506-58-AA	BIFENTURE EC	BIFENTHRIN	1	GA
6S9E3	CORN FOR/FOD	7/7/2006	G	44	70506-58-AA	BIFENTURE EC	BIFENTHRIN	256	OZ
6S9E2	CORN FOR/FOD	7/7/2006	G	40	70506-58-AA	BIFENTURE EC	BIFENTHRIN	232	OZ
6S9E2	CORN FOR/FOD	7/7/2006	G	48	70506-58-AA	BIFENTURE EC	BIFENTHRIN	279	OZ
6S9E9	CORN FOR/FOD	7/14/2006	G	16	70506-58-AA	BIFENTURE EC	BIFENTHRIN	88	OZ
6S9E10	CORN FOR/FOD	7/18/2006	A	60	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA
6S9E11	CORN FOR/FOD	7/20/2006	G	40	70506-58-AA	BIFENTURE EC	BIFENTHRIN	256	OZ
6S9E11	CORN FOR/FOD	7/20/2006	G	40	70506-58-AA	BIFENTURE EC	BIFENTHRIN	256	OZ
6S9E3	CORN FOR/FOD	7/21/2006	A	115	70506-58-AA	BIFENTURE EC	BIFENTHRIN	6	GA
6S9E10	CORN FOR/FOD	7/21/2006	G	50	70506-58-AA	BIFENTURE EC	BIFENTHRIN	2	GA
6S9E4	CORN FOR/FOD	7/27/2006	A	40	70506-58-AA	BIFENTURE EC	BIFENTHRIN	2	GA
6S9E4	CORN FOR/FOD	7/27/2006	A	60	70506-58-AA	BIFENTURE EC	BIFENTHRIN	2	GA
6S9E4	CORN FOR/FOD	7/28/2006	A	50	70506-58-AA	BIFENTURE EC	BIFENTHRIN	320	OZ
6S9E11	CORN FOR/FOD	7/28/2006	A	120	70506-58-AA	BIFENTURE EC	BIFENTHRIN	768	OZ
6S9E9	CORN FOR/FOD	8/1/2006	G	60	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA
6S9E2	CORN FOR/FOD	8/8/2006	G	30	70506-58-AA	BIFENTURE EC	BIFENTHRIN	192	OZ
6S9E12	CORN FOR/FOD	8/8/2006	G	38	70506-58-AA	BIFENTURE EC	BIFENTHRIN	2	GA
6S9E3	CORN FOR/FOD	8/9/2006	G	20	70506-58-AA	BIFENTURE EC	BIFENTHRIN	128	OZ
6S9E12	CORN FOR/FOD	8/9/2006	G	14	70506-58-AA	BIFENTURE EC	BIFENTHRIN	1	GA
6S9E12	CORN FOR/FOD	8/9/2006	G	15	70506-58-AA	BIFENTURE EC	BIFENTHRIN	1	GA

East San Joaquin
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Silva Drain – Irrigation 3 (7/13/06) – Chlorpyrifos exceedance.

No Chlorpyrifos was reported used between January and December 2006 for this site subwatershed.

Silva Drain – Irrigation 4 (8/09/06) – Chlorpyrifos exceedance.

No Chlorpyrifos was reported used between January and December 2006 for this site subwatershed.

Pesticide Use Reports for metals exceedances in the water column

Ash Slough @ Ave 21 - Irrigation 1 (5/16/06) – Copper exceedance.

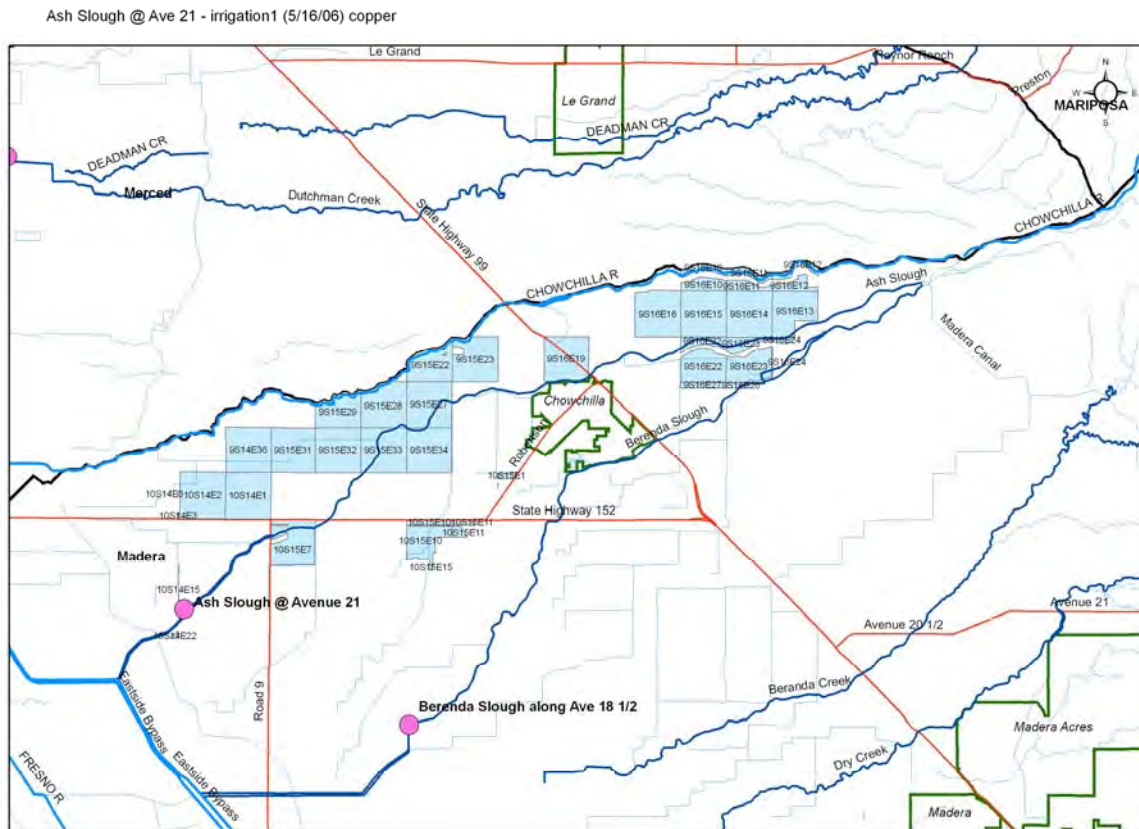
Table 26. Copper use for Ash Slough @ Ave. 21 site subwatershed – irrigation 1.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S14E15	ALMOND	1/9/2006	34	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	272	LB
10S14E22	ALMOND	1/10/2006	58	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	464	LB
10S15E10	ALMOND	1/11/2006	36	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	162	LB
10S15E11	ALMOND	1/11/2006	63	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	284	LB
10S15E11	ALMOND	1/11/2006	56	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	252	LB
10S15E15	ALMOND	1/11/2006	76	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	456	LB
10S15E15	ALMOND	1/11/2006	33	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	149	LB
10S15E15	ALMOND	1/11/2006	28	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	126	LB
9S16E22	ALMOND	1/11/2006	20	55146-64-AA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	19	GA
10S14E3	ALMOND	1/12/2006	160	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	720	LB
10S15E1	ALMOND	1/12/2006	33	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	149	LB
10S15E1	ALMOND	1/12/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	180	LB
9S15E33	ALMOND	1/12/2006	80	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	800	LB
9S16E11	ALMOND	1/12/2006	75	55146-64-ZA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	75	GA
9S16E12	ALMOND	1/12/2006	94	55146-64-ZA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	94	GA
9S16E13	ALMOND	1/12/2006	156	55146-64-ZA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	156	GA
9S16E13	ALMOND	1/12/2006	143	55146-64-ZA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	143	GA
9S16E14	ALMOND	1/12/2006	202	55146-64-ZA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	202	GA
9S16E14	ALMOND	1/12/2006	154	55146-64-ZA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	154	GA
9S16E14	ALMOND	1/12/2006	153	55146-64-ZA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	153	GA
9S15E33	ALMOND	1/13/2006	30	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	300	LB
9S15E34	ALMOND	1/13/2006	60	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	600	LB
9S16E22	ALMOND	1/13/2006	115	55146-64-AA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	109	GA
9S16E22	ALMOND	1/13/2006	60	55146-64-AA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	57	GA
9S15E27	ALMOND	1/14/2006	25	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	245	LB
9S15E33	ALMOND	1/14/2006	32	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	323	LB
9S15E33	ALMOND	1/14/2006	17	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	173	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
9S15E33	ALMOND	1/14/2006	18	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	178	LB
9S15E29	ALMOND	1/15/2006	26	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	262	LB
9S15E32	ALMOND	1/15/2006	35	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	351	LB
10S14E1	ALMOND	1/19/2006	20	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	201	LB
10S14E2	ALMOND	1/19/2006	60	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	600	LB
10S15E7	ALMOND	1/19/2006	100	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	1000	LB
9S14E36	ALMOND	1/19/2006	30	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	302	LB
9S15E31	ALMOND	1/19/2006	42	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	420	LB
9S15E31	ALMOND	1/19/2006	28	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	275	LB
9S15E22	ALMOND	1/24/2006	19	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	187	LB
9S15E28	ALMOND	1/24/2006	27	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	270	LB
9S16E10	WINE GRAPES	3/9/2006	398	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	1194	LB
9S16E16	WINE GRAPES	3/9/2006	376	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	1128	LB
9S16E23	WINE GRAPES	3/9/2006	119	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	357	LB
9S16E23	WINE GRAPES	3/9/2006	194	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	581	LB
9S16E27	WINE GRAPES	3/9/2006	190	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	570	LB
9S15E23	ALFALFA	3/16/2006	81	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	122	LB
9S16E19	ALFALFA	3/16/2006	81	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	122	LB
9S16E10	WINE GRAPES	3/18/2006	398	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	1194	LB
9S16E15	WINE GRAPES	3/18/2006	255	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	764	LB
9S16E16	WINE GRAPES	3/18/2006	376	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	1128	LB
9S16E16	WINE GRAPES	3/18/2006	347	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	1042	LB
9S16E23	WINE GRAPES	3/18/2006	119	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	357	LB
9S16E23	WINE GRAPES	3/18/2006	194	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	581	LB
9S16E24	WINE GRAPES	3/18/2006	236	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	707	LB
9S16E27	WINE GRAPES	3/18/2006	488	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	1465	LB
9S16E15	WINE GRAPES	3/30/2006	246	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	764	LB
9S16E16	WINE GRAPES	3/30/2006	347	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	1042	LB
9S16E24	WINE GRAPES	3/30/2006	236	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	707	LB
9S16E27	WINE GRAPES	3/30/2006	189	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	568	LB
9S15E23	TOMATO FRESH	4/6/2006	20	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	60	LB
9S15E28	TOMATO FRESH	4/6/2006	49	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	147	LB
9S16E10	WINE GRAPES	4/6/2006	398	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	498	LB
9S16E16	WINE GRAPES	4/6/2006	376	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	470	LB
9S16E23	WINE GRAPES	4/6/2006	194	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	242	LB
9S16E23	WINE GRAPES	4/6/2006	119	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	149	LB
9S16E27	WINE GRAPES	4/6/2006	488	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	611	LB
10S14E1	WINE GRAPES	4/13/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
9S16E10	WINE GRAPES	4/14/2006	37	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	55	LB
9S16E15	WINE GRAPES	4/14/2006	255	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	382	LB
9S16E16	WINE GRAPES	4/14/2006	347	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	521	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
9S16E24	WINE GRAPES	4/14/2006	236	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	353	LB
9S16E27	WINE GRAPES	4/14/2006	219	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	330	LB
10S15E10	GRAPE, RAISIN	4/18/2006	18	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	36	LB
10S14E1	WINE GRAPES	4/19/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	80	LB
10S15E11	GRAPE, RAISIN	4/19/2006	7	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	14	LB
10S15E15	WINE GRAPES	4/20/2006	10	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	14	LB
9S16E26	WINE GRAPES	4/22/2006	71	55146-64-AA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	18	GA
9S16E26	WINE GRAPES	4/22/2006	37	55146-64-AA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	9	GA
9S15E28	TOMATO FRESH	4/25/2006	13	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	38	LB
9S16E26	WINE GRAPES	4/27/2006	236	1812-303-AA	KOCIDE 606 FLOWABLE AGR	COPPER HYDROXIDE	59	GA
9S16E26	WINE GRAPES	4/27/2006	100	55146-64-AA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	25	GA
9S15E22	WINE GRAPES	4/29/2006	40	55146-64-AA	CHAMP FORMULA 2 FLOWABL	COPPER HYDROXIDE	800	OZ

Figure 24. Location for copper use for Ash Slough @ Ave. 21 site subwatershed – irrigation 1.



Ash Slough @ Ave 21 - Irrigation 1 and 2 (5/16 and 6/13/06) – Lead exceedance.

There are no registered products containing lead.

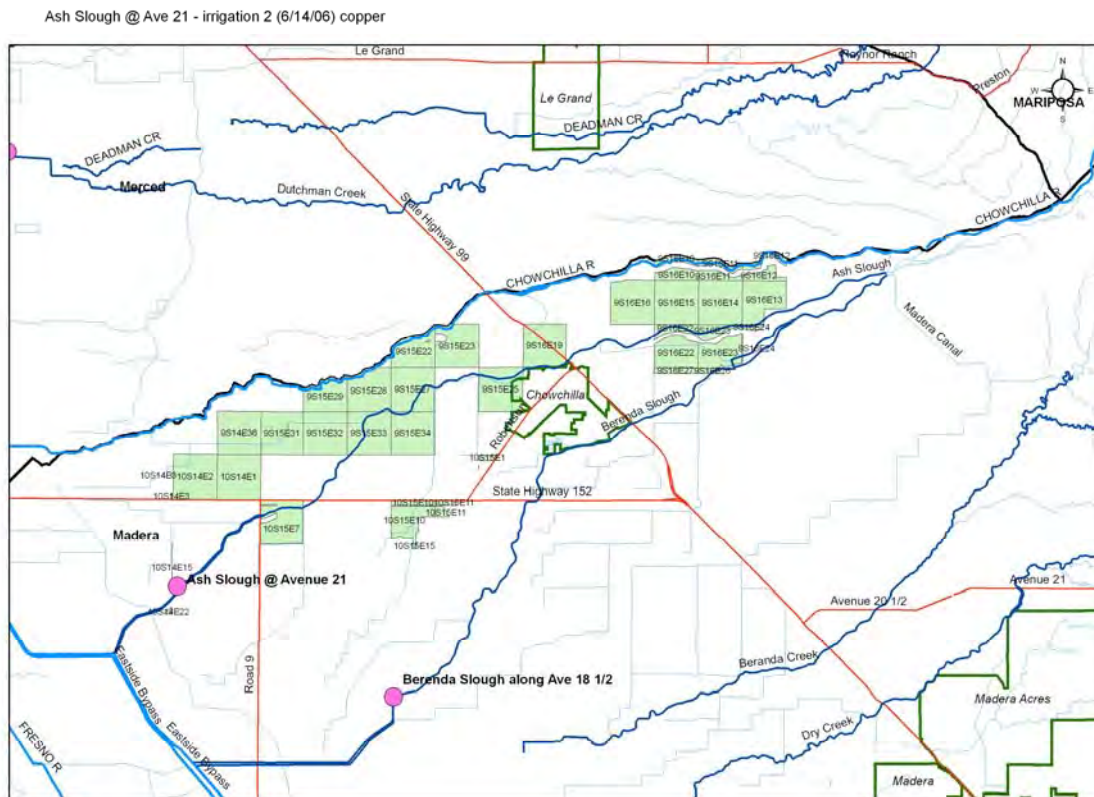
Ash Slough @ Ave 21 - Irrigation 2 (6/13/06) – Copper exceedance.

Copper use up to May 16, 2006 was reported above (Table 26 for the irrigation 1 exceedance. The Table below (Table 27) for irrigation 2 copper exceedances only lists the additional applications made after May 16, 2006.

Table 27. Copper use for Ash Slough @ Ave. 21 site subwatershed – irrigation 2.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Units
9S15E23	TOMATO FRESH	5/27/2006	87	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	261	LB
9S15E25	TOMATO FRESH	5/29/2006	63	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	189	LB

Figure 25. Location for copper use for Ash Slough @ Ave. 21 site subwatershed – irrigation 2.



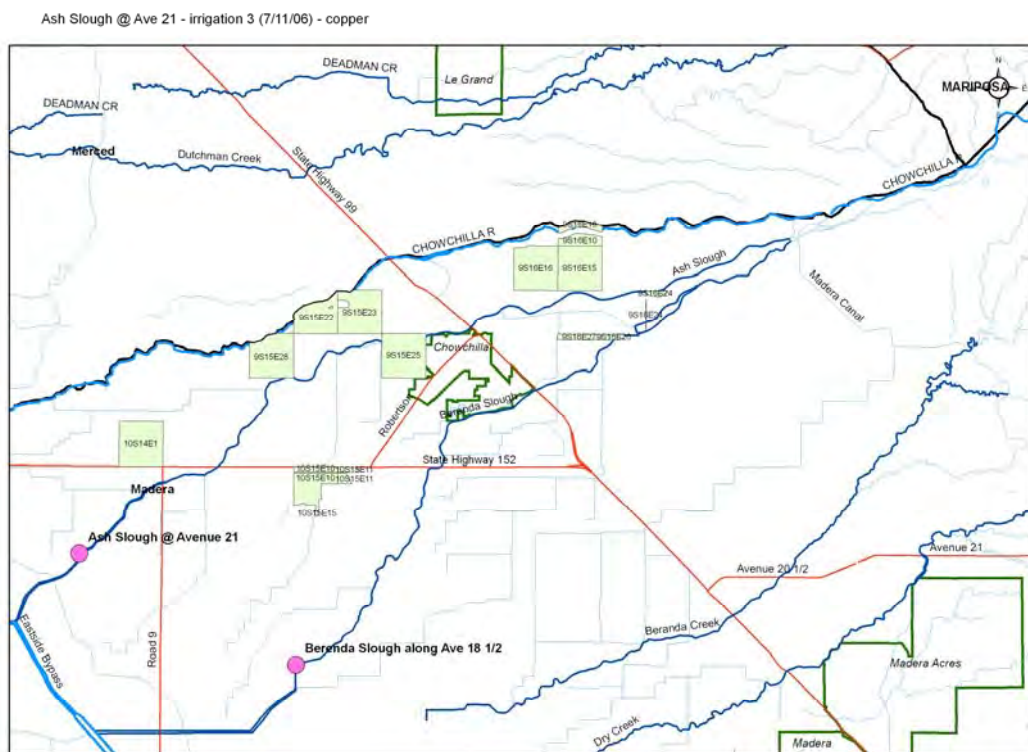
Ash Slough @ Ave 21 - Irrigation 3(7/11/06) – Copper exceedance.

Copper use up to June 13, 2006 was reported above (Table 26 & 27 for the irrigation 1 & 2 exceedances. The Table below (Table 28) for irrigation 3 copper exceedances only lists the additional applications made after June 13, 2006.

Table 28. Copper use for Ash Slough @ Ave. 21 site subwatershed – irrigation 3.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S15E15	WINE GRAPES	6/25/06	9.5	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	190	LB

Figure 26. Location for copper use for Ash Slough @ Ave. 21 site subwatershed – irrigation 3.



Ash Slough @ Ave 21 - Irrigation 4 (8/8/06) and irrigation 5 (9/12/06) – Copper exceedance.

There were no reported applications after June 15, 2006, as listed in Table 28.

Ash Slough @ Ave 21 - Irrigation 5 (9/12/06) – Selenium exceedance.

There are no registered products containing selenium.

Cottonwood Creek @ Rd 20 – Irrigation 1 (5/16/06) – Copper exceedance.

Table 29. Copper use for Cottonwood Creek @ Rd 20 site subwatershed – irrigation 1.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S18E8	OUTDR TRANSPL	1/5/2006	97	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	80	GA
12S17E8	ALMOND	1/8/2006	30	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	180	LB
11S20E31	ORANGE	1/10/2006	41	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	328	LB
11S20E31	ORANGE	1/10/2006	21	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	168	LB
12S17E5	ALMOND	1/10/2006	75	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	450	LB
12S19E2	ORANGE	1/10/2006	25	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	200	LB
12S16E12	ALMOND	1/10/2006	110	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	495	LB
12S17E12	ALMOND	1/10/2006	96	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	96	GA
12S17E14	ALMOND	1/10/2006	77	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	77	GA
12S17E14	ALMOND	1/10/2006	94	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	94	GA
12S17E14	ALMOND	1/10/2006	60	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	60	GA
12S17E13	ALMOND	1/10/2006	77	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	77	GA
12S17E13	ALMOND	1/10/2006	76	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	76	GA
12S18E18	ALMOND	1/10/2006	91	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	91	GA
12S18E18	ALMOND	1/10/2006	57	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	57	GA
12S18E18	ALMOND	1/10/2006	33	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	33	GA
11S20E31	ORANGE	1/11/2006	40	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	320	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
11S20E31	TANGELO	1/11/2006	16	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	128	LB
11S20E31	ORANGE	1/11/2006	15	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	117	LB
11S20E31	ORANGE	1/11/2006	11	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	90	LB
12S17E5	ALMOND	1/11/2006	37	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	222	LB
12S17E8	ALMOND	1/12/2006	65	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	390	LB
12S17E23	PEACH	1/12/2006	39	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	390	LB
12S17E23	NECTARINE	1/12/2006	40	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	400	LB
12S17E23	PEACH	1/12/2006	40	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	400	LB
12S17E1	ALMOND	1/12/2006	36	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	162	LB
12S18E3	ALMOND	1/13/2006	18	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	180	LB
12S18E3	ALMOND	1/13/2006	35	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	350	LB
12S18E15	ALMOND	1/13/2006	38	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	228	LB
11S19E36	ORANGE	1/13/2006	70	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	280	LB
12S17E5	ALMOND	1/13/2006	68	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	340	LB
12S17E23	ALMOND	1/13/2006	40	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	15	GA
12S19E2	ORANGE	1/16/2006	25	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	100	LB
12S17E14	ALMOND	1/16/2006	160	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	157	GA
11S19E36	ORANGE	1/20/2006	10	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	40	LB
11S20E31	ORANGE	1/23/2006	25	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	100	LB
12S18E8	ALMOND	1/24/2006	37	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	111	LB
11S20E31	ORANGE	1/24/2006	20	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	80	LB
11S20E31	ORANGE	1/24/2006	7	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	26	LB
12S17E4	ALMOND	1/25/2006	36	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	360	LB
11S20E31	TANGELO	1/25/2006	40	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	160	LB
11S20E31	TANGELO	1/26/2006	30	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	120	LB
11S19E28	ORANGE	1/28/2006	18	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	72	LB
11S19E20	ORANGE	1/30/2006	16	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	64	LB
11S19E29	ORANGE	1/30/2006	10	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	40	LB
12S17E11	PLUM	1/31/2006	30	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	300	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S17E12	PEACH	1/31/2006	33	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	325	LB
12S17E12	PEACH	1/31/2006	42	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	420	LB
12S17E16	ALMOND	2/1/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S17E15	ALMOND	2/1/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S17E18	ALMOND	2/1/2006	38	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	281	LB
11S18E3	ALMOND	2/2/2006	15	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	73	LB
11S18E3	ALMOND	2/2/2006	9	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
11S18E3	ALMOND	2/2/2006	9	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	43	LB
11S18E3	ALMOND	2/2/2006	30	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	150	LB
12S17E18	ALMOND	2/2/2006	20	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	146	LB
12S18E9	PEACH	2/3/2006	18	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	175	LB
12S18E9	PEACH	2/3/2006	15	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	150	LB
12S19E6	APRICOT	2/4/2006	2	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	10	LB
12S19E6	PEACH	2/4/2006	5	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	25	LB
12S19E6	PLUM	2/4/2006	6	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	30	LB
12S19E6	NECTARINE	2/4/2006	5	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	25	LB
12S19E6	NECTARINE	2/11/2006	5	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	15	LB
12S19E6	PEACH	2/11/2006	7	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	21	LB
12S19E6	APPLE	2/11/2006	1	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	3	LB
12S19E6	PLUM	2/11/2006	6	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	18	LB
12S19E6	APRICOT	2/11/2006	2	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	6	LB
12S18E10	ONION DRY ETC	2/13/2006	1	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	2	LB
12S18E16	PEACH	2/21/2006	10	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	20	QT
12S19E4	WALNUT	2/24/2006	55	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	550	LB
12S17E11	CHERRY	2/25/2006	10	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	100	LB
12S18E10	ONION DRY ETC	2/25/2006	1	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	1	LB
12S18E16	PEACH	3/10/2006	10	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	10	QT
12S17E3	ALMOND	3/12/2006	20	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	10	GA
12S17E27	PRUNE	3/14/2006	20	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	100	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S18E10	ONION DRY ETC	3/16/2006	4	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	7	LB
12S18E21	WINE GRAPES	3/24/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S17E16	GRAPE, RAISIN	3/25/2006	40	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S19E5	GRAPE	3/27/2006	140	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	420	LB
12S19E5	GRAPE, RAISIN	3/27/2006	155	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	465	LB
12S16E12	GRAPE, RAISIN	3/27/2006	160	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB
12S18E7	GRAPE, RAISIN	3/27/2006	90	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	135	LB
12S17E1	WINE GRAPES	3/28/2006	60	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S17E16	WINE GRAPES	3/28/2006	50	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	75	LB
12S17E27	GRAPE, RAISIN	3/28/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	30	LB
12S17E9	GRAPE, RAISIN	3/30/2006	115	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	173	LB
12S18E3	GRAPE, RAISIN	4/1/2006	22	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	6	GA
11S17E35	GRAPE	4/2/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
12S18E10	WINE GRAPES	4/2/2006	18	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	27	LB
12S17E23	WINE GRAPES	4/2/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
12S17E28	GRAPE, RAISIN	4/2/2006	37	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	46	LB
12S18E3	GRAPE, RAISIN	4/3/2006	56	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	84	LB
12S17E19	GRAPE, RAISIN	4/4/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	120	LB
12S17E19	WINE GRAPES	4/5/2006	210	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	315	LB
12S17E19	WINE GRAPES	4/5/2006	38	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	76	LB
12S17E19	WINE GRAPES	4/6/2006	60	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S17E27	WINE GRAPES	4/7/2006	80	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	120	LB
12S17E19	WINE GRAPES	4/7/2006	210	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	315	LB
12S17E19	GRAPE, RAISIN	4/7/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	120	LB
12S18E4	GRAPE	4/7/2006	163	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	163	QT
12S17E27	GRAPE, RAISIN	4/8/2006	60	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	120	LB
12S17E19	WINE GRAPES	4/8/2006	60	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
11S17E35	GRAPE, RAISIN	4/8/2006	60	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S18E17	GRAPE, RAISIN	4/8/2006	58	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	174	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S19E5	GRAPE	4/8/2006	140	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	175	LB
12S19E5	GRAPE, RAISIN	4/8/2006	155	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	194	LB
12S19E5		4/8/2006	155	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	194	LB
12S18E10	GRAPE, RAISIN	4/8/2006	5	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	6	LB
12S17E19	WINE GRAPES	4/9/2006	40	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	80	LB
12S18E17	WINE GRAPES	4/9/2006	5	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S18E17	WINE GRAPES	4/9/2006	10	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	30	LB
12S18E20	GRAPE	4/9/2006	58	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	87	LB
12S17E1	GRAPE, RAISIN	4/9/2006	20	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	5	GA
12S18E3	GRAPE, RAISIN	4/9/2006	22	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	6	GA
12S18E16	GRAPE, RAISIN	4/9/2006	19	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	5	GA
12S17E1	WINE GRAPES	4/10/2006	95	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	143	LB
12S17E16	WINE GRAPES	4/10/2006	70	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	105	LB
12S18E19	GRAPE, RAISIN	4/10/2006	103	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	206	LB
12S17E16	WINE GRAPES	4/10/2006	50	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	75	LB
12S17E16	WINE GRAPES	4/10/2006	35	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	53	LB
12S18E20	GRAPE	4/10/2006	35	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	35	LB
12S18E19	GRAPE, RAISIN	4/11/2006	156	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	313	LB
12S18E17	WINE GRAPES	4/11/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
12S18E9	WINE GRAPES	4/12/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	30	LB
12S18E9	GRAPE, RAISIN	4/12/2006	5	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	8	LB
12S18E10	GRAPE, RAISIN	4/12/2006	120	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	180	LB
12S18E8	WINE GRAPES	4/12/2006	55	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	55	LB
12S18E10	ONION DRY ETC	4/12/2006	7	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	7	LB
12S18E21	GRAPE, RAISIN	4/12/2006	60	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	60	LB
12S18E20	GRAPE, RAISIN	4/13/2006	18	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	36	LB
12S17E9	GRAPE, RAISIN	4/13/2006	115	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	173	LB
11S18E28	GRAPE, RAISIN	4/13/2006	58	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	87	LB
12S17E4	GRAPE, RAISIN	4/13/2006	30	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S17E2	WINE GRAPES	4/13/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
12S18E3	GRAPE, RAISIN	4/13/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S18E10	GRAPE, RAISIN	4/13/2006	10	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S17E9	GRAPE, RAISIN	4/13/2006	17	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	26	LB
12S18E21	WINE GRAPES	4/13/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S17E22	GRAPE, RAISIN	4/14/2006	38	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	76	LB
12S17E14	GRAPE, RAISIN	4/14/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	120	LB
12S17E23	GRAPE, RAISIN	4/14/2006	160	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB
12S18E3	WINE GRAPES	4/14/2006	15	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	23	LB
12S18E10	WINE GRAPES	4/14/2006	18	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	27	LB
12S18E17	GRAPE, RAISIN	4/15/2006	39	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	100	LB
12S18E2	WINE GRAPES	4/15/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
11S17E36	GRAPE, RAISIN	4/15/2006	3	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	5	LB
12S18E21	GRAPE, RAISIN	4/15/2006	26	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	33	LB
12S18E21	WINE GRAPES	4/15/2006	10	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	13	LB
12S18E12	WINE GRAPES	4/16/2006	150	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	225	LB
11S17E35	GRAPE	4/17/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
12S16E12	GRAPE, RAISIN	4/17/2006	160	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB
12S16E23	WINE GRAPES	4/17/2006	100	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	150	LB
11S17E36	GRAPE, RAISIN	4/17/2006	19	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	29	LB
12S17E21	GRAPE, RAISIN	4/17/2006	60	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	75	LB
12S18E7	GRAPE, RAISIN	4/18/2006	245	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	368	LB
12S17E19	GRAPE, RAISIN	4/18/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	120	LB
12S19E6	GRAPE, RAISIN	4/18/2006	65	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	98	LB
12S17E10	WINE GRAPES	4/18/2006	35	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	53	LB
12S17E27	WINE GRAPES	4/18/2006	80	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	120	LB
12S17E9	WINE GRAPES	4/18/2006	35	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	160	LB
12S17E16	WINE GRAPES	4/18/2006	213	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	426	LB
12S17E15	WINE GRAPES	4/18/2006	40	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	80	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S17E22	WINE GRAPES	4/18/2006	80	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	160	LB
12S18E20	GRAPE, RAISIN	4/19/2006	18	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	36	LB
12S17E5	WINE GRAPES	4/19/2006	76	1812-303-ZA	KOCIDE 4.5 LF	COPPER HYDROXIDE	19	GA
12S17E10	GRAPE, RAISIN	4/19/2006	18	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	27	LB
12S17E10	GRAPE, RAISIN	4/19/2006	60	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S17E10	GRAPE, RAISIN	4/19/2006	19	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	29	LB
12S17E10	GRAPE, RAISIN	4/19/2006	37	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	56	LB
12S17E11	GRAPE, RAISIN	4/19/2006	147	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	221	LB
12S17E14	GRAPE, RAISIN	4/19/2006	40	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	2	LB
12S17E19	WINE GRAPES	4/19/2006	210	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	315	LB
12S17E24	GRAPE, RAISIN	4/19/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	120	LB
12S18E10	GRAPE, RAISIN	4/19/2006	120	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	180	LB
12S17E10	WINE GRAPES	4/19/2006	17	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	26	LB
12S17E23	GRAPE, RAISIN	4/19/2006	54	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	102	LB
12S17E8	GRAPE, RAISIN	4/19/2006	44	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	44	LB
12S17E22	GRAPE, RAISIN	4/20/2006	38	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	76	LB
11S18E32	WINE GRAPES	4/20/2006	36	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	72	LB
12S17E2	GRAPE, RAISIN	4/20/2006	66	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	132	LB
12S18E5	GRAPE, RAISIN	4/20/2006	33	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	66	LB
12S18E5	GRAPE, RAISIN	4/20/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
12S18E5	GRAPE, RAISIN	4/20/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
12S18E5	WINE GRAPES	4/20/2006	35	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	70	LB
12S17E10	GRAPE, RAISIN	4/20/2006	11	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S17E10	GRAPE, RAISIN	4/20/2006	10	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S17E11	WINE GRAPES	4/20/2006	22	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	44	LB
12S17E11	GRAPE, RAISIN	4/20/2006	18	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	36	LB
12S17E11	WINE GRAPES	4/20/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
12S17E12	GRAPE	4/20/2006	35	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	53	LB
12S17E13	WINE GRAPES	4/20/2006	100	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	150	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S17E19	WINE GRAPES	4/20/2006	60	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S17E24	WINE GRAPES	4/20/2006	205	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	308	LB
12S17E2	WINE GRAPES	4/20/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
12S17E1	WINE GRAPES	4/20/2006	95	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	143	LB
12S18E3	GRAPE, RAISIN	4/20/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S18E10	GRAPE, RAISIN	4/20/2006	10	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S17E9	WINE GRAPES	4/20/2006	18	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	27	LB
12S17E16	WINE GRAPES	4/20/2006	50	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	75	LB
12S17E16	WINE GRAPES	4/20/2006	35	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	53	LB
12S17E16	WINE GRAPES	4/20/2006	70	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	105	LB
12S18E21	GRAPE, RAISIN	4/20/2006	53	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	60	LB
12S18E17	GRAPE, RAISIN	4/20/2006	37	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	46	LB
12S18E17	WINE GRAPES	4/20/2006	18	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	23	LB
12S18E17	GRAPE, RAISIN	4/20/2006	14	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	17	LB
11S18E19	GRAPE, RAISIN	4/20/2006	19	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	19	QT
11S18E20	GRAPE	4/20/2006	25	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	25	QT
11S18E20	WINE GRAPES	4/20/2006	60	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	60	QT
11S18E30	GRAPE, RAISIN	4/20/2006	3	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	3	QT
11S18E29	GRAPE, RAISIN	4/20/2006	9	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	9	QT
12S17E4	WINE GRAPES	4/20/2006	80	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	140	PT
12S17E3	WINE GRAPES	4/20/2006	58	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	102	PT
11S17E35	WINE GRAPES	4/21/2006	37	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	74	LB
12S17E21	WINE GRAPES	4/21/2006	40	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	80	LB
12S18E4	WINE GRAPES	4/21/2006	11	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	17	LB
12S17E9	GRAPE, RAISIN	4/21/2006	115	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	173	LB
12S18E8	WINE GRAPES	4/21/2006	36	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	54	LB
12S18E9	GRAPE, RAISIN	4/21/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	30	LB
12S16E23	WINE GRAPES	4/21/2006	100	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	150	LB
12S17E2	WINE GRAPES	4/21/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	80	LB

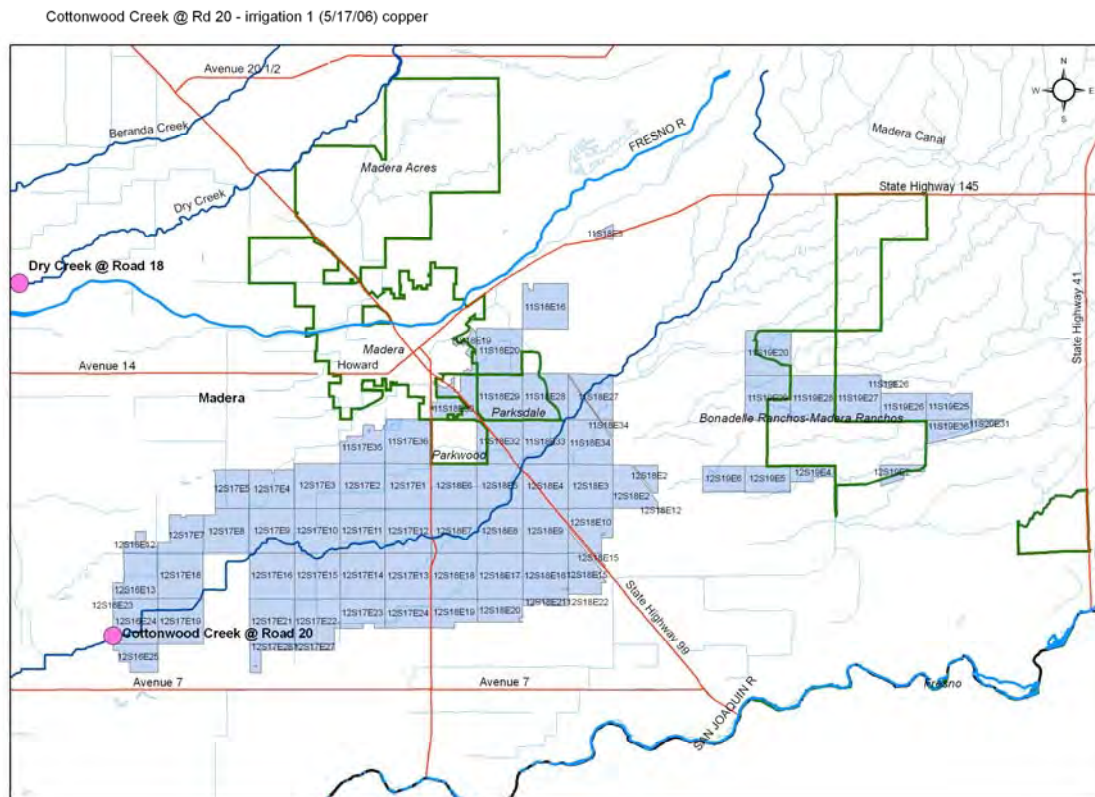
TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S17E9	WINE GRAPES	4/21/2006	75	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	75	LB
12S17E10	WINE GRAPES	4/21/2006	36	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	54	LB
12S18E8	GRAPE, RAISIN	4/21/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S18E20	GRAPE	4/21/2006	58	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	87	LB
12S17E23	WINE GRAPES	4/21/2006	80	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	170	LB
11S18E29	WINE GRAPES	4/21/2006	60	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	60	QT
12S18E10	WINE GRAPES	4/21/2006	40	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	40	QT
12S17E15	GRAPE, RAISIN	4/22/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	30	LB
12S17E15	GRAPE, RAISIN	4/22/2006	18	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	35	LB
12S17E15	GRAPE, RAISIN	4/22/2006	15	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	29	LB
11S17E35	GRAPE, RAISIN	4/22/2006	60	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S18E15	GRAPE, RAISIN	4/22/2006	45	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	67	LB
12S18E21	GRAPE, RAISIN	4/22/2006	26	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	33	LB
12S18E21	WINE GRAPES	4/22/2006	10	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	13	LB
12S17E19	WINE GRAPES	4/23/2006	38	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	76	LB
12S17E11	GRAPE, RAISIN	4/24/2006	33	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	66	LB
12S18E9	GRAPE, RAISIN	4/24/2006	40	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	80	LB
12S16E12	GRAPE, RAISIN	4/24/2006	160	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB
12S17E15	WINE GRAPES	4/24/2006	38	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S18E19	GRAPE, RAISIN	4/24/2006	156	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	235	LB
12S17E27	GRAPE, RAISIN	4/24/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
12S17E28	WINE GRAPES	4/24/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	30	LB
12S17E19	WINE GRAPES	4/24/2006	40	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	80	LB
11S17E35	WINE GRAPES	4/24/2006	29	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
12S17E10	WINE GRAPES	4/24/2006	19	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	28	LB
12S18E17	WINE GRAPES	4/24/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
12S18E22	GRAPE, RAISIN	4/24/2006	30	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
12S18E20	GRAPE	4/24/2006	35	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	35	LB
11S18E32	GRAPE, RAISIN	4/24/2006	100	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	100	QT

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S17E5	WINE GRAPES	4/24/2006	32	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	56	PT
12S17E4	WINE GRAPES	4/24/2006	31	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	54	PT
12S17E3	WINE GRAPES	4/24/2006	160	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	280	PT
12S16E24	WINE GRAPES	4/25/2006	489	1812-303-ZA	KOCIDE 4.5 LF	COPPER HYDROXIDE	122	GA
12S16E23	WINE GRAPES	4/25/2006	15	1812-303-ZA	KOCIDE 4.5 LF	COPPER HYDROXIDE	4	GA
12S16E23	WINE GRAPES	4/25/2006	299	1812-303-ZA	KOCIDE 4.5 LF	COPPER HYDROXIDE	75	GA
12S16E25	WINE GRAPES	4/25/2006	282	1812-303-ZA	KOCIDE 4.5 LF	COPPER HYDROXIDE	70	GA
12S17E7	GRAPE, RAISIN	4/25/2006	145	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	290	LB
12S18E3	WINE GRAPES	4/25/2006	42	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	63	LB
12S17E28	GRAPE, RAISIN	4/25/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
11S18E27	GRAPE, RAISIN	4/25/2006	45	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	68	LB
11S18E27	GRAPE, RAISIN	4/25/2006	43	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	65	LB
12S18E8	WINE GRAPES	4/25/2006	55	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	55	LB
12S17E5	WINE GRAPES	4/25/2006	120	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	210	PT
12S17E4	WINE GRAPES	4/25/2006	60	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	105	PT
12S17E4	WINE GRAPES	4/25/2006	90	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	158	PT
11S18E28	WINE GRAPES	4/26/2006	27	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	41	LB
12S17E27	GRAPE, RAISIN	4/26/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
12S17E27	GRAPE, RAISIN	4/26/2006	10	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S17E27	WINE GRAPES	4/26/2006	10	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S17E10	WINE GRAPES	4/26/2006	51	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	77	LB
12S17E15	GRAPE, RAISIN	4/27/2006	20	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	32	LB
11S18E27	WINE GRAPES	4/27/2006	62	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	93	LB
12S17E10	GRAPE	4/27/2006	17	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	25	LB
12S17E15	GRAPE, RAISIN	4/27/2006	60	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
12S17E27	GRAPE, RAISIN	4/27/2006	40	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S17E27	WINE GRAPES	4/27/2006	18	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	30	LB
11S17E36	WINE GRAPES	4/27/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S18E20	GRAPE, RAISIN	4/27/2006	160	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S17E15	GRAPE, RAISIN	4/27/2006	20	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	16	QT
11S18E33	WINE GRAPES	4/28/2006	16	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	24	LB
11S18E33	GRAPE, RAISIN	4/28/2006	11	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	17	LB
11S18E33	GRAPE, RAISIN	4/28/2006	26	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	39	LB
12S17E21	GRAPE, RAISIN	4/28/2006	40	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	80	LB
11S17E36	GRAPE, RAISIN	4/28/2006	19	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	29	LB
12S18E12	WINE GRAPES	4/28/2006	150	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	225	LB
11S19E27	WINE GRAPES	4/28/2006	212	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	53	GA
12S17E15	WINE GRAPES	4/28/2006	10	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	4	PT
12S17E22	GRAPE, RAISIN	4/29/2006	40	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	80	LB
11S18E33	GRAPE, RAISIN	4/29/2006	22	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	33	LB
12S17E10	GRAPE, RAISIN	4/29/2006	10	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
12S17E10	GRAPE, RAISIN	4/29/2006	11	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	15	LB
11S18E33	WINE GRAPES	4/29/2006	30	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
11S18E16	GRAPE, RAISIN	4/29/2006	60	45002-4-AA	HYDROX	COPPER HYDROXIDE	120	LB
12S18E17	GRAPE, RAISIN	4/30/2006	39	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	40	LB
11S17E36	GRAPE, RAISIN	4/30/2006	3	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	5	LB
12S18E3	WINE GRAPES	4/30/2006	15	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	23	LB
11S19E26	WINE GRAPES	4/30/2006	233	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	58	GA
12S18E3	GRAPE, RAISIN	5/1/2006	3	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	50	LB
11S17E35	GRAPE, RAISIN	5/1/2006	36	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	54	LB
11S17E36	WINE GRAPES	5/1/2006	52	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	78	LB
12S18E6	GRAPE, RAISIN	5/1/2006	80	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	160	LB
12S17E16	WINE GRAPES	5/1/2006	17	55146-1-ZA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	34	LB
12S17E16	WINE GRAPES	5/1/2006	10	55146-1-ZA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	20	LB
11S19E26	WINE GRAPES	5/1/2006	52	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	13	GA
12S19E6	GRAPE, RAISIN	5/2/2006	65	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	98	LB
12S17E3	WINE GRAPES	5/2/2006	22	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	39	PT
12S17E3	WINE GRAPES	5/2/2006	120	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	210	PT

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Amount used	Unit
12S16E13	WINE GRAPES	5/2/2006	150	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	150	QT
12S18E15	GRAPE, RAISIN	5/3/2006	45	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	67	LB
12S17E8	GRAPE, RAISIN	5/3/2006	44	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	44	LB
11S19E25	WINE GRAPES	5/3/2006	225	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	56	GA
12S18E4	GRAPE, RAISIN	5/3/2006	80	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	2080	OZ
12S18E8	GRAPE, RAISIN	5/4/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
11S19E36	WINE GRAPES	5/4/2006	66	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	16	GA
12S17E22	GRAPE, RAISIN	5/4/2006	40	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	1040	OZ
12S17E22	GRAPE, RAISIN	5/5/2006	19	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	38	LB
11S17E36	WINE GRAPES	5/5/2006	14	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	21	LB
12S17E21	GRAPE, RAISIN	5/5/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER OXYCHLORIDE	759	LB
12S17E21	GRAPE, RAISIN	5/5/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER SULFATE (BASIC)	759	LB
11S17E36	WINE GRAPES	5/6/2006	21	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	32	LB
12S17E28	GRAPE, RAISIN	5/8/2006	40	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	1040	OZ
12S17E28	WINE GRAPES	5/8/2006	35	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	910	OZ
12S17E22	GRAPE, RAISIN	5/9/2006	11	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	22	LB
12S17E28	GRAPE, RAISIN	5/9/2006	18	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	468	OZ
11S18E34	WINE GRAPES	5/10/2006	40	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	80	LB
12S17E21	GRAPE, RAISIN	5/11/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER OXYCHLORIDE	759	LB
12S17E21	GRAPE, RAISIN	5/11/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER SULFATE (BASIC)	759	LB
12S18E3	GRAPE, RAISIN	5/12/2006	3	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	50	LB
12S17E22	GRAPE, RAISIN	5/15/2006	11	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	22	LB
12S18E17	WINE GRAPES	5/16/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	20	LB
12S18E8	WINE GRAPES	5/17/2006	55	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	28	LB
12S18E15	GRAPE, RAISIN	5/18/2006	45	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	67	LB
11S18E34	WINE GRAPES	5/18/2006	40	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	40	LB

Figure 27. Location for copper use for Cottonwood Creek @ Rd 20 site subwatershed – irrigation 1.



Cottonwood Creek @ Rd 20 – Irrigation 2 (6/13/06) – Lead exceedance.

There are no registered products containing lead.

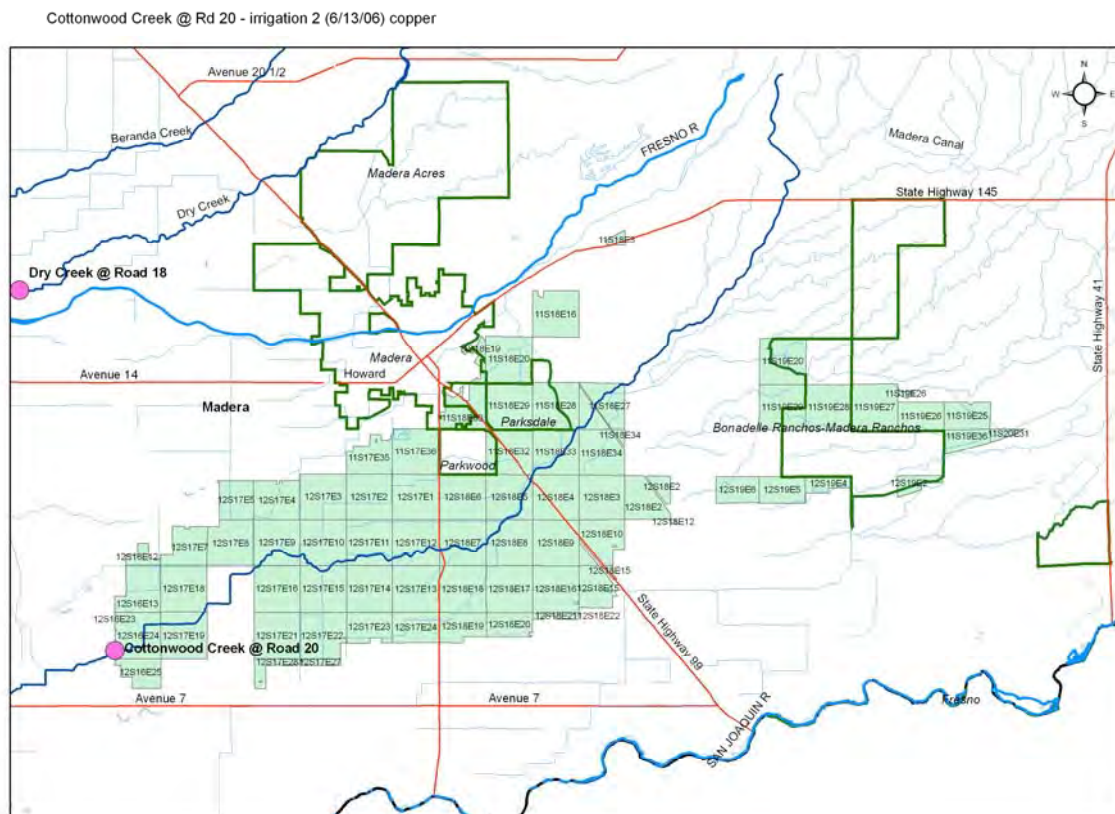
Cottonwood Creek @ Rd 20 – Irrigation 2 (6/13/06) – Copper exceedance.

Copper use to May 18, 2006 was reported above (Table 29) for the irrigation 1 exceedance. The Table below (Table 30) for irrigation 2 copper exceedances only lists the additional applications made after May 18, 2006.

Table 30. Copper use for Cottonwood Creek @ Rd 20 site subwatershed – irrigation 2.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
12S18E8	GRAPE, RAISIN	5/19/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
12S17E21	GRAPE, RAISIN	5/19/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER OXYCHLORIDE	759	LB
12S17E21	GRAPE, RAISIN	5/19/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER SULFATE (BASIC)	759	LB
12S17E21	GRAPE, RAISIN	5/24/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER OXYCHLORIDE	759	LB
12S17E21	GRAPE, RAISIN	5/24/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER SULFATE (BASIC)	759	LB
12S17E16	WINE GRAPES	5/26/2006	17	55146-1-ZA	CHAMPION WETTABLE POWD	COPPER HYDROXIDE	34	LB
12S17E16	WINE GRAPES	5/26/2006	10	55146-1-ZA	CHAMPION WETTABLE POWD	COPPER HYDROXIDE	20	LB
12S17E21	GRAPE, RAISIN	6/2/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER OXYCHLORIDE	794	LB
12S17E21	GRAPE, RAISIN	6/2/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER SULFATE (BASIC)	794	LB
12S18E3	GRAPE, RAISIN	6/7/2006	3	10951-11-AA	BRITZ COPPER SULFUR 15	COPPER	50	LB
12S17E21	GRAPE, RAISIN	6/9/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER OXYCHLORIDE	828	LB
12S17E21	GRAPE, RAISIN	6/9/2006	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER SULFATE (BASIC)	828	LB

Figure 28. Location for copper use for Cottonwood Creek @ Rd 20 site subwatershed – irrigation 2.



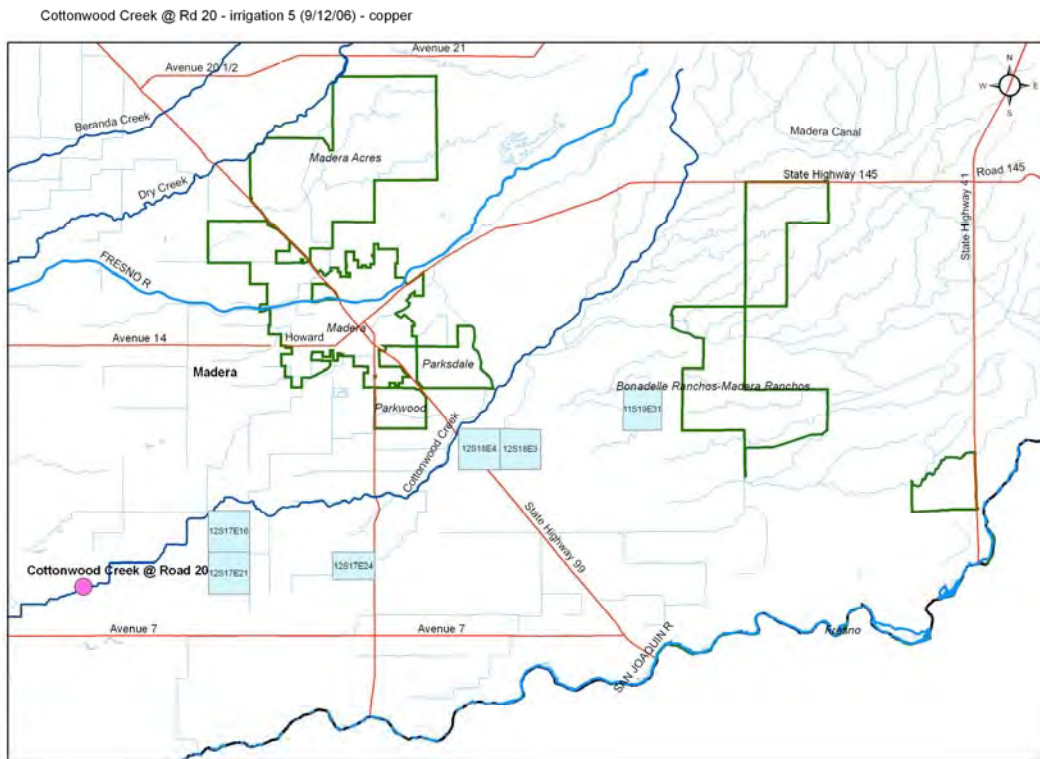
Cottonwood Creek @ Rd 20 – Irrigation 5 (9/12/06) – Copper exceedance.

Copper use to June 13, 2006 was reported above (Table 29 & 30) for the irrigation 1 & 2 exceedances. The Table below (Table 31) for irrigation 5 copper exceedances only lists the additional applications made after June 13, 2006.

Table 31. Copper use for Cottonwood Creek @ Rd 20 site subwatershed – irrigation 5.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
12S18E3	GRAPE, RAISIN	6/29/06	2.5	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	50	LB
12S17E2 1	GRAPE, RAISIN	6/30/06	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER OXYCHLORIDE	621	LB
12S17E2 1	GRAPE, RAISIN	6/30/06	69	55429-5-AA	CSC COPPER SULFUR DUST	COPPER SULFATE (BASIC)	621	LB
12S17E1 6	WINE GRAPES	7/1/06	17	55146-1-ZA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	34	LB
12S17E1 6	WINE GRAPES	7/3/06	10	55146-1-ZA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	20	LB
12S17E2 4	GRAPE	7/22/06	80	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	1600	LB
11S19E3 1	GRAPE	8/12/06	15	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	225	LB
12S18E4	GRAPE, RAISIN	8/18/06	160	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	2400	LB
11S19E3 1	GRAPE	8/26/06	15	10951-11-AA	BRITZ COPPER SULFUR 15-25 DUST	COPPER	0.225	LB

Figure 29. Copper use for Cottonwood Creek @ Rd 20 site subwatershed – irrigation 5.



Dry Creek @ Rd 18 – Irrigation 1 (5/16/06) – Copper exceedance.

Table 32. Copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 1.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S16E9	ALMOND	1/6/2006	100	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	200	LB
10S17E31	ALMOND	1/7/2006	40	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	38	GA
10S18E8	ORANGE	1/9/2006	32	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	256	LB
10S18E9	ORANGE	1/9/2006	68	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	544	LB
11S16E4	ALMOND	1/9/2006	24	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	144	LB
11S16E4	ALMOND	1/10/2006	34	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	216	LB
11S16E12	ALMOND	1/11/2006	31	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	155	LB
11S16E16	ALMOND	1/11/2006	155	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	775	LB
11S16E16	ALMOND	1/12/2006	115	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	575	LB
11S16E1	ALMOND	1/13/2006	50	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	300	LB
11S16E10	ALMOND	1/13/2006	115	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	575	LB
11S16E11	ALMOND	1/13/2006	101	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	505	LB
11S16E11	ALMOND	1/14/2006	76	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	380	LB
11S16E15	ALMOND	1/14/2006	145	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	725	LB
11S16E12	ALMOND	1/16/2006	31	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	150	LB
11S16E1	ALMOND	1/17/2006	32	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	31	GA
10S17E26	ALMOND	1/18/2006	20	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	120	LB
11S16E4	ALMOND	1/18/2006	52	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	208	LB
11S16E11	PLUM	1/19/2006	26	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	205	LB
11S17E4	ALMOND	1/19/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	239	LB
11S16E16	ALMOND	1/20/2006	78	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	195	LB
10S16E36	N-GRNHS FLOWER	1/24/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	19	OZ
10S17E28	ALMOND	1/26/2006	10	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	5	GA
10S16E36	N-GRNHS FLOWER	1/28/2006	4	1812-381-AA-499	PRESCRIPTION TREATMENT BRAND CAMELOT FUN	COPPER SALTS OF FATTY AND ROSIN ACIDS	64	OZ
10S17E34	ALMOND	1/29/2006	39	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	390	LB
10S17E34	ALMOND	1/29/2006	22	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	234	LB
10S16E36	N-GRNHS FLOWER	1/31/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	2	OZ
11S17E7	APRICOT	2/1/2006	19	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	190	LB
10S17E35	ALMOND	2/2/2006	55	1812-334-AA	KOCIDE DF	COPPER HYDROXIDE	550	LB

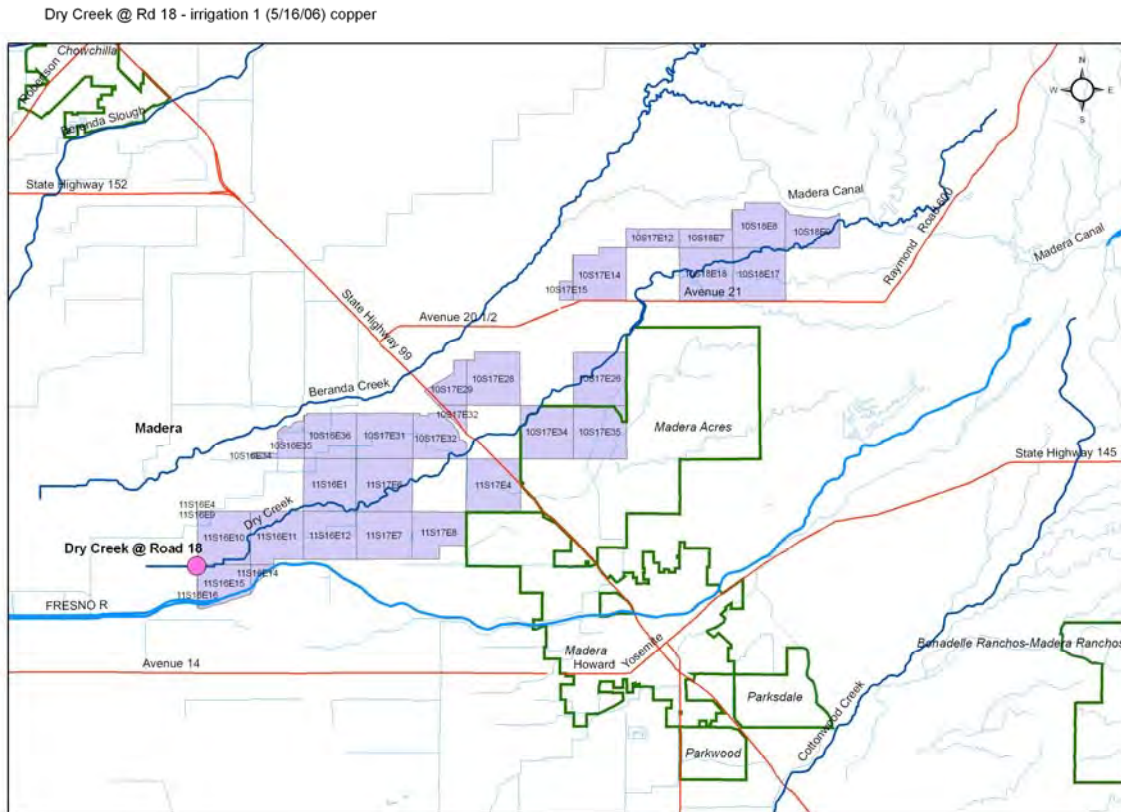
TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E36	N-GRNHS FLOWER	2/6/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	22	OZ
10S17E28	ALMOND	2/11/2006	10	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	5	GA
11S16E11	ALMOND	2/13/2006	32	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	330	LB
10S17E28	ALMOND	2/23/2006	10	68292-3-AA	STRETCH FUNGICIDE	COPPER HYDROXIDE	10	QT
10S16E36	N-GRNHS FLOWER	2/25/2006	0	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	17	OZ
10S16E36	N-GRNHS FLOWER	3/3/2006	7	1812-381-AA-499	PRESCRIPTION TREATMENT BRAND CAMELOT FUN	COPPER SALTS OF FATTY AND ROSIN ACIDS	112	OZ
10S16E36	N-GRNHS FLOWER	3/3/2006	0	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	8	OZ
10S16E36	N-GRNHS FLOWER	3/9/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	35	OZ
10S17E28	ALMOND	3/9/2006	10	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	5	GA
10S16E36	N-GRNHS FLOWER	3/15/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	48	OZ
10S17E35	N-OUTDR PLANTS	3/15/2006	1	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	100	OZ
10S16E36	N-GRNHS FLOWER	3/23/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	50	OZ
10S16E36	N-GRNHS FLOWER	3/29/2006	7	1812-381-AA-499	PRESCRIPTION TREATMENT BRAND CAMELOT FUN	COPPER SALTS OF FATTY AND ROSIN ACIDS	112	OZ
10S16E36	N-GRNHS FLOWER	3/29/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	50	OZ
10S17E31	GRAPE, RAISIN	3/30/2006	7	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	2	GA
11S16E10	GRAPE, RAISIN	4/1/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	79	LB
11S16E11	WINE GRAPES	4/1/2006	36	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	72	LB
11S16E11	WINE GRAPES	4/1/2006	29	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	58	LB
10S16E36	N-GRNHS FLOWER	4/6/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	40	OZ
10S16E34	GRAPE	4/8/2006	16	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	32	LB
11S16E12	WINE GRAPES	4/8/2006	18	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	27	LB
11S16E12	GRAPE, RAISIN	4/8/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
11S16E12	GRAPE, RAISIN	4/8/2006	35	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	53	LB
11S16E14	WINE GRAPES	4/8/2006	114	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	29	GA
10S17E31	GRAPE, RAISIN	4/9/2006	7	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	2	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E31	GRAPE, RAISIN	4/9/2006	3	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	1	GA
11S16E14	WINE GRAPES	4/9/2006	73	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	18	GA
10S17E31	GRAPE, RAISIN	4/10/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	80	LB
11S17E4	WINE GRAPES	4/10/2006	94	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	141	LB
11S17E8	WINE GRAPES	4/11/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
11S17E8	WINE GRAPES	4/12/2006	50	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	150	LB
10S16E36	N-GRNHS FLOWER	4/13/2006	3	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	121	OZ
10S17E31	GRAPE, RAISIN	4/13/2006	50	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	100	LB
11S17E6	GRAPE	4/13/2006	34	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	51	LB
11S17E8	WINE GRAPES	4/13/2006	90	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	270	LB
10S17E14	GRAPE, RAISIN	4/14/2006	40	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	80	LB
11S17E6	WINE GRAPES	4/14/2006	120	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	180	LB
10S16E35	WINE GRAPES	4/15/2006	15	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	4	GA
10S17E14	GRAPE, RAISIN	4/15/2006	34	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	68	LB
10S17E14	GRAPE, RAISIN	4/15/2006	35	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	70	LB
10S17E14	GRAPE, RAISIN	4/15/2006	39	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	78	LB
10S17E14	GRAPE, RAISIN	4/15/2006	37	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	74	LB
10S17E32	GRAPE	4/15/2006	53	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	85	LB
11S17E6	WINE GRAPES	4/15/2006	120	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	360	LB
11S17E6	GRAPE	4/15/2006	34	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	102	LB
11S17E8	WINE GRAPES	4/15/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB
10S17E15	GRAPE, RAISIN	4/17/2006	39	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	78	LB
10S17E14	GRAPE, RAISIN	4/18/2006	20	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	40	LB
10S17E15	GRAPE, RAISIN	4/18/2006	78	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	156	LB
10S17E34	GRAPE, RAISIN	4/18/2006	189	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	284	LB
11S16E14	WINE GRAPES	4/18/2006	75	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	113	LB
11S16E15	WINE GRAPES	4/18/2006	77	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	116	LB
11S17E4	WINE GRAPES	4/18/2006	94	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	282	LB
11S17E8	WINE GRAPES	4/18/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E15	GRAPE, RAISIN	4/19/2006	78	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	156	LB
10S17E15	GRAPE, RAISIN	4/19/2006	64	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	128	LB
10S17E28	GRAPE, RAISIN	4/19/2006	20	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	40	LB
10S17E28	GRAPE, RAISIN	4/19/2006	39	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	75	LB
10S17E28	GRAPE, RAISIN	4/19/2006	35	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	70	LB
10S16E35	WINE GRAPES	4/20/2006	40	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	60	LB
10S16E36	WINE GRAPES	4/20/2006	32	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	48	LB
10S17E12	WINE GRAPES	4/20/2006	114	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	29	GA
10S17E15	GRAPE, RAISIN	4/20/2006	35	45002-4-ZC	NU COP 50DF	COPPER HYDROXIDE	70	LB
10S18E17	WINE GRAPES	4/20/2006	47	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	12	GA
10S18E18	WINE GRAPES	4/20/2006	209	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	52	GA
10S18E7	WINE GRAPES	4/20/2006	313	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	78	GA
10S18E7	WINE GRAPES	4/20/2006	232	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	58	GA
10S18E8	WINE GRAPES	4/20/2006	150	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	37	GA
11S16E10	GRAPE, RAISIN	4/20/2006	75	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	113	LB
11S16E12	WINE GRAPES	4/20/2006	18	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	27	LB
11S16E12	GRAPE, RAISIN	4/20/2006	35	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	53	LB
11S16E12	GRAPE, RAISIN	4/20/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	45	LB
11S16E14	WINE GRAPES	4/20/2006	75	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	19	GA
11S17E8	WINE GRAPES	4/20/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
11S17E8	WINE GRAPES	4/20/2006	90	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	270	LB
11S17E8	WINE GRAPES	4/20/2006	40	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	120	LB
11S17E8	WINE GRAPES	4/20/2006	50	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	150	LB
10S16E36	N-GRNHS FLOWER	4/21/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	24	OZ
10S17E29	WINE GRAPES	4/21/2006	161	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	323	LB
10S17E29	WINE GRAPES	4/21/2006	140	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	280	LB
10S17E29	WINE GRAPES	4/21/2006	154	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	308	LB
10S17E31	GRAPE, RAISIN	4/21/2006	40	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	80	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S16E10	GRAPE, RAISIN	4/21/2006	38	55146-64-AA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	760	OZ
11S16E14	WINE GRAPES	4/21/2006	82	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	21	GA
11S17E6	GRAPE, RAISIN	4/21/2006	20	48142-1-AA	NORDOX	COPPER OXIDE (OUS)	58	LB
11S17E6	WINE GRAPES	4/21/2006	8	48142-1-AA	NORDOX	COPPER OXIDE (OUS)	22	LB
11S17E8	WINE GRAPES	4/21/2006	90	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	270	LB
11S16E14	WINE GRAPES	4/22/2006	100	55146-64-ZA	CHAMP FORMULA 2 FLOWABLE	COPPER HYDROXIDE	25	GA
11S17E8	WINE GRAPES	4/22/2006	90	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	270	LB
11S17E8	WINE GRAPES	4/25/2006	80	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	240	LB
10S16E36	GRAPE, RAISIN	4/26/2006	20	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	39	LB
11S17E8	WINE GRAPES	4/26/2006	50	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	150	LB
11S17E8	WINE GRAPES	4/26/2006	30	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	90	LB
10S16E36	N-GRNHS FLOWER	4/27/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	60	OZ
11S17E6	GRAPE, RAISIN	4/28/2006	20	48142-1-AA	NORDOX	COPPER OXIDE (OUS)	58	LB
11S17E6	WINE GRAPES	4/28/2006	8	48142-1-AA	NORDOX	COPPER OXIDE (OUS)	22	LB
11S17E8	WINE GRAPES	4/28/2006	90	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	270	LB
10S17E29	WINE GRAPES	4/29/2006	154	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	308	LB
10S17E29	WINE GRAPES	4/29/2006	140	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	280	LB
10S17E29	WINE GRAPES	4/29/2006	161	352-656-AA	KOCIDE 2000	COPPER HYDROXIDE	323	LB
11S17E8	WINE GRAPES	4/29/2006	90	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	270	LB
11S17E6	WINE GRAPES	5/1/2006	120	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	180	LB
11S17E6	GRAPE	5/1/2006	34	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	51	LB
11S17E4	WINE GRAPES	5/2/2006	94	1812-358-AA	KOCIDE 2000	COPPER HYDROXIDE	141	LB
10S16E36	N-GRNHS FLOWER	5/4/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	28	OZ
10S16E36	N-GRNHS FLOWER	5/13/2006	0	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	18	OZ

Figure 30. Copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 1.



Dry Creek @ Rd 18 – Irrigation 1 (5/16/06), irrigation 2 (6/13/06) and irrigation 5 (9/12/06) – Lead exceedances.

There are no registered products containing lead.

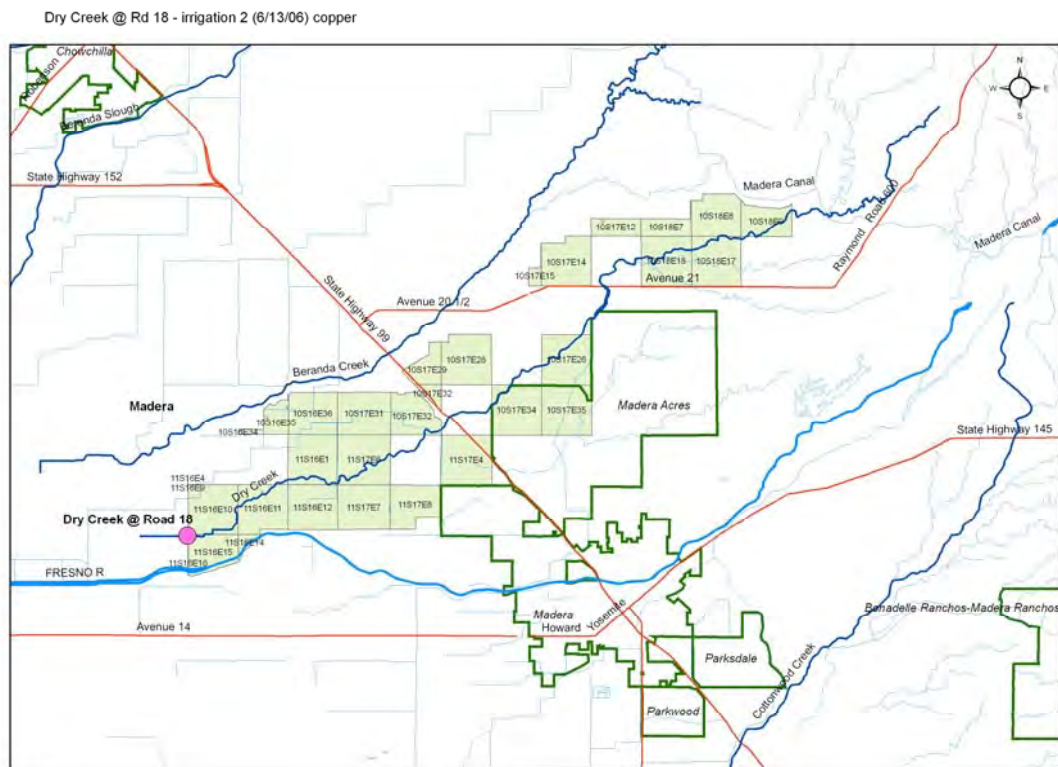
Dry Creek @ Rd 18 – Irrigation 2 (6/13/06) – Copper exceedance.

Copper use up to May 16, 2006 was reported above (Table 32) for the irrigation 1 exceedance. The Table below (Table 33) for irrigation 2 copper exceedances only lists the additional applications made after May 16, 2006.

Table 33. Copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 2.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E36	N-GRNHS FLOWER	5/22/2006	1	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	24	OZ
10S16E36	N-GRNHS FLOWER	6/3/2006	0	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	19	OZ
10S16E36	N-GRNHS FLOWER	6/12/2006	0	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	8	OZ

Figure 31. Location for copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 2.



Dry Creek @ Rd 18 – Irrigation 2 (6/13/06) – Lead exceedance (Field Duplicate).

There are no registered products containing lead.

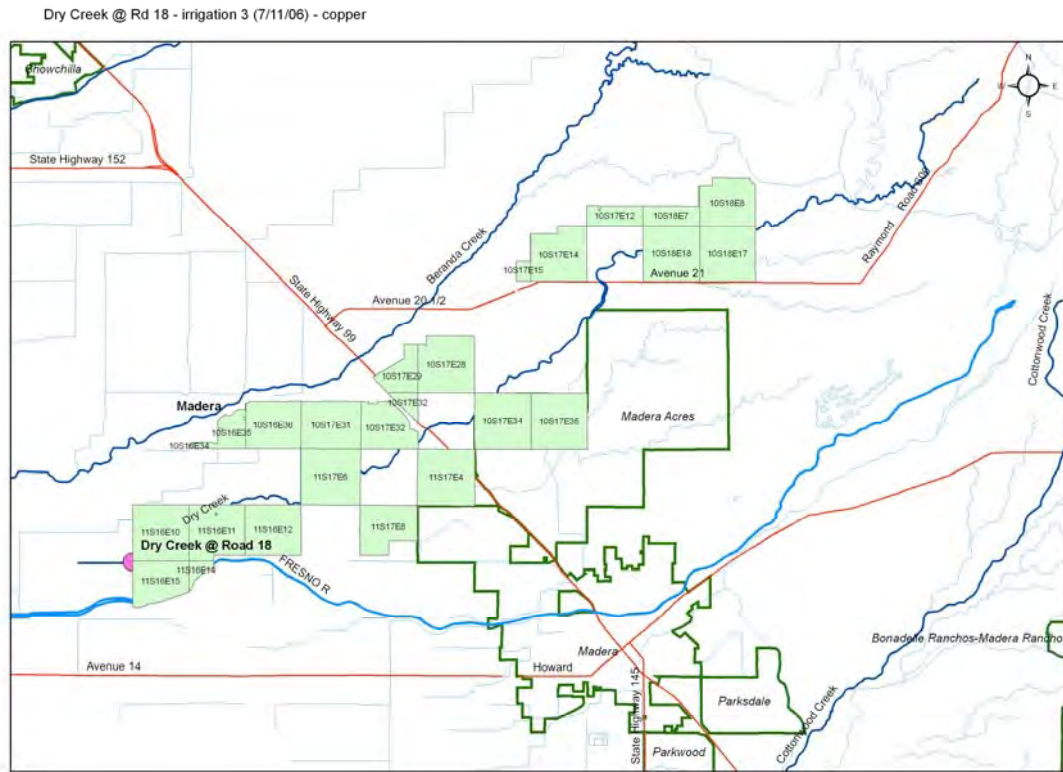
Dry Creek @ Rd 18 – Irrigation 3 (7/11/06) – Copper exceedance.

Copper use up to June 13, 2006 was reported above (Table 32 & 33) for the irrigation 1 & 2 exceedances. The Table below (Table 34) for irrigation 3 copper exceedances only lists the additional applications made after June 13, 2006.

Table 34. Copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 3.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E36	N-GRNHS FLOWER	6/21/06	0.24	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	7.6	OZ
10S16E36	N-GRNHS FLOWER	8/31/06	0.21	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	9.2	OZ

Figure 32 . Location for copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 3.



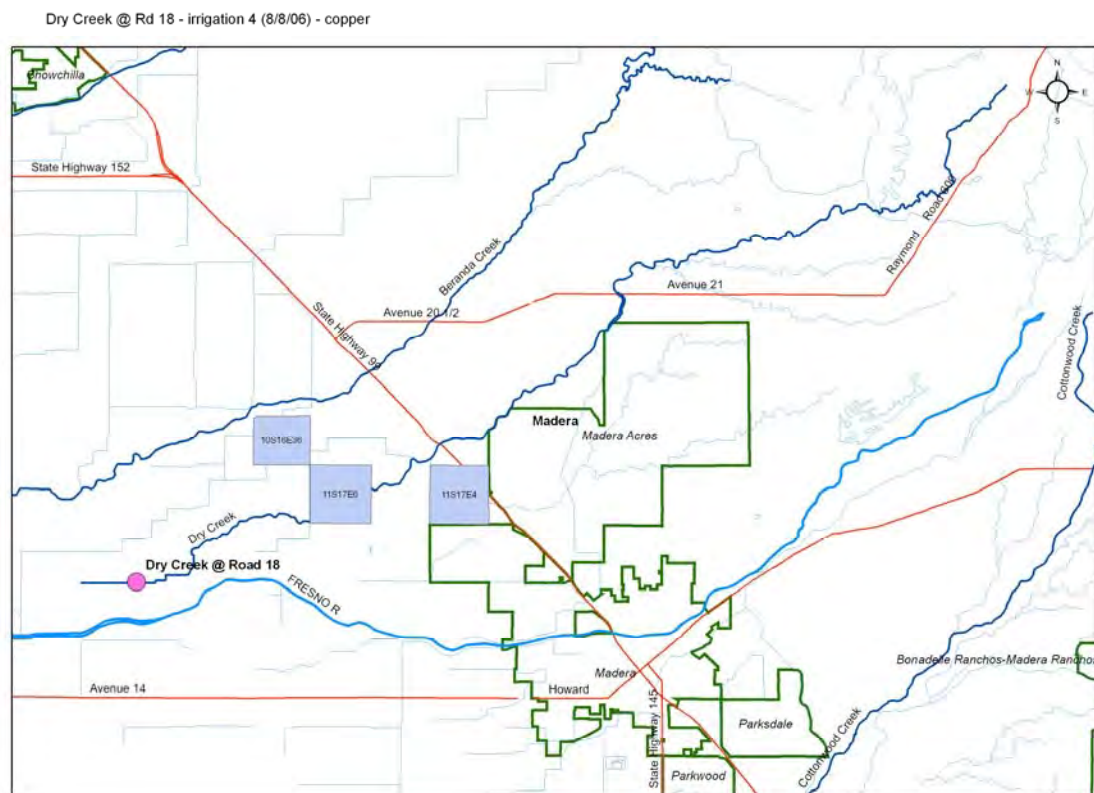
Dry Creek @ Rd 18 – Irrigation 4 (8/8/06) – Copper exceedance.

Copper use up to July 11, 2006 was reported above (Table 32 - 34) for the irrigation 1 - 3 exceedances. The Table below (Table 35) for irrigation 4 copper exceedances only lists the additional applications made after July 11, 2006.

Table 35. Copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 4.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E36	N-GRNHS FLOWER	8/31/06	0.21	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	9.2	OZ

Figure 33. Location for copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 4.



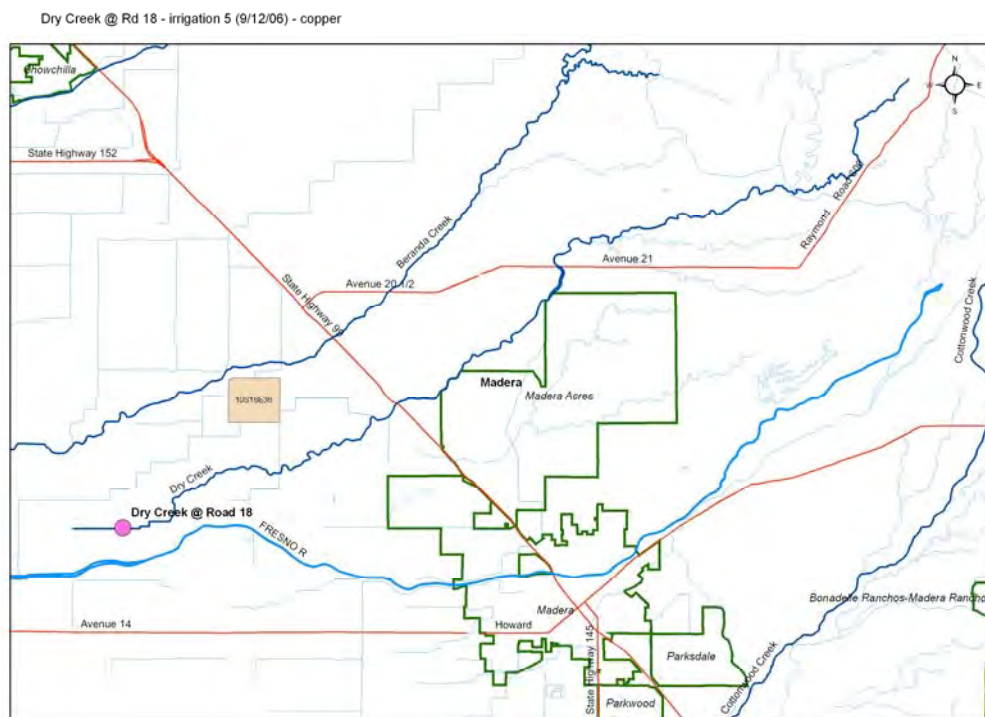
Dry Creek @ Rd 18 – Irrigation 5 (9/12/06) – Copper exceedance.

Copper use up to August 8, 2006 was reported above (Table 32 - 35) for the irrigation 1 - 4 exceedances. The Table below (Table 36) for irrigation 5 copper exceedances only lists the additional applications made after August 8, 2006.

Table 36. Copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 5.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E36	N-GRNHS FLOWER	8/31/06	0.21	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	9.2	OZ
10S16E36	N-GRNHS FLOWER	9/7/06	0.2	49538-2-AA	PHYTON-27 BACTERICIDE & FUNGICIDE	COPPER SULFATE (PENTAHYDRATE)	8.2	OZ

Figure 34. Location for copper use for Dry Creek @ Rd 18 site subwatershed – irrigation 5.



Dry Creek @ Rd 18 – Irrigation 5 (9/12/06) – Lead exceedance.

There are no registered products containing lead.

Dry Creek @ Rd 18 – Irrigation 5 (9/12/06) – Zinc exceedance.

No products containing zinc were reported used in this site subwatershed during 2006.

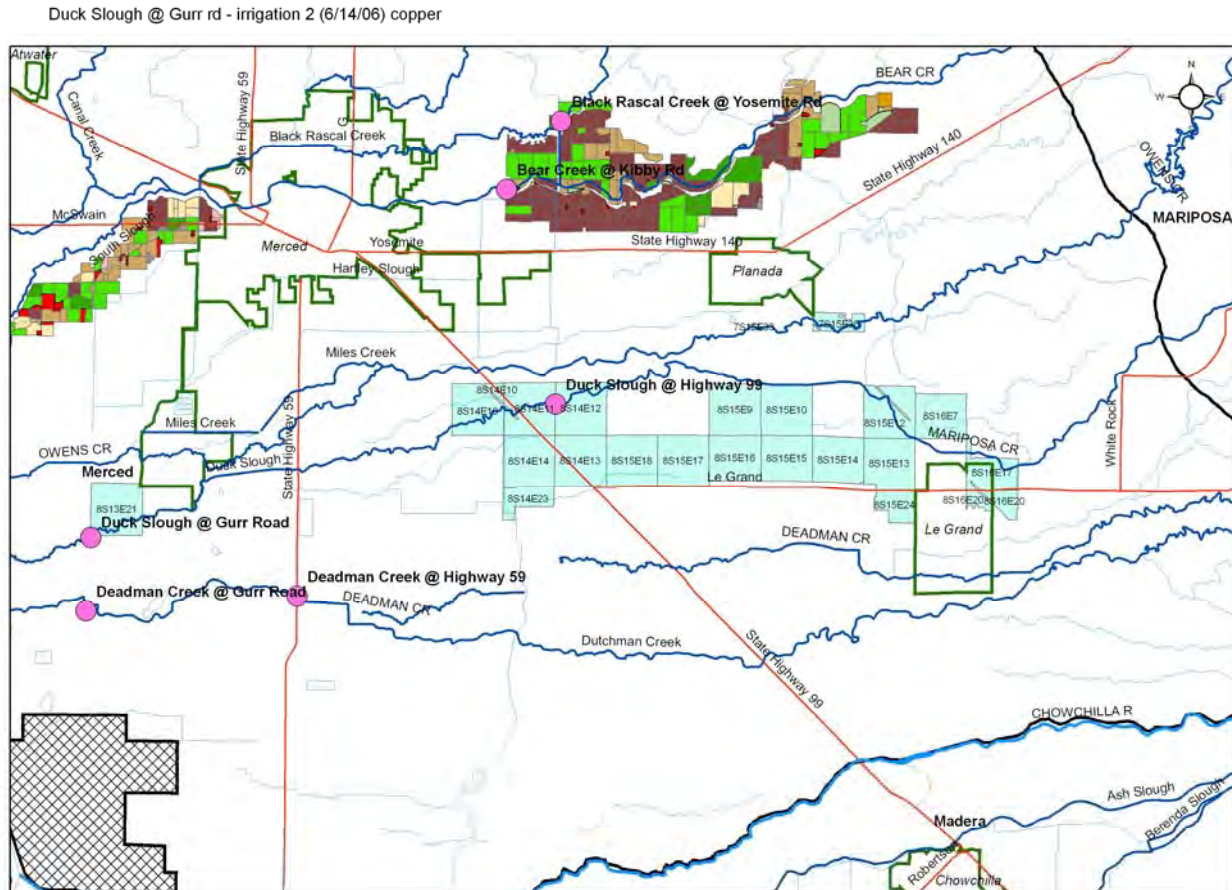
Duck Slough @ Gurr Rd – Irrigation 2 (6/14/06) – Copper exceedance.

Table 37. Copper use for Duck Slough @ Gurr Rd site subwatershed – irrigation 2.

TRS	Commodity	App date	App method	Treated acres	EPA #	EPA name	AI	Quantity used	Unit
8S15E9	ALMOND	1/10/2006	G	50	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	500	LBS
8S15E10	NECTARINE	1/11/2006	G	50	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	375	LBS
8S14E11	ALMOND	1/13/2006	G	80	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	544	LBS
8S16E17	ALMOND	1/13/2006	G	14	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	112	LBS
8S15E14	PEACH	1/25/2006	G	11	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	110	LBS
8S15E15	PEACH	1/25/2006	G	10	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	100	LBS
8S15E10	ALMOND	1/27/2006	G	30	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	300	LBS
8S15E14	PEACH	1/27/2006	G	4	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	40	LBS
8S15E15	PEACH	1/27/2006	G	10	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	110	LBS
8S15E15	PEACH	1/27/2006	G	10	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	100	LBS
8S15E14	APRICOT	1/28/2006	G	20	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	200	LBS
8S14E13	PEACH	1/31/2006	G	32	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	250	LBS
7S15E35	APRICOT	2/4/2006	G	20	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	200	LBS
8S14E12	ALMOND	2/11/2006	G	20	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	20	LBS
8S14E11	PRUNE	2/13/2006	G	30	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	204	LBS
7S15E33	PRUNE	2/14/2006	G	61	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	415	LBS
8S16E20	ALMOND	2/14/2006	G	58	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	73	LBS
8S15E17	ALMOND	2/15/2006	G	19	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	60	LBS
8S15E17	ALMOND	2/16/2006	G	25	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	100	LBS
8S15E17	ALMOND	2/17/2006	G	8	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	20	LBS
8S14E11	ALMOND	3/4/2006	G	80	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	80	LBS
8S15E13	ALMOND	3/15/2006	G	73	352-656-AA	DUPONT KOCIDE 2000 FUNGICIDE/BACTERICIDE	COPPER HYDROXIDE	219	LBS
8S14E11	ALFALFA	3/18/2006	A	79	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	119	LBS
8S16E7	WALNUT	4/1/2006	G	43	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	344	LBS

TRS	Commodity	App date	App method	Treated acres	EPA #	EPA name	AI	Quantity used	Unit
8S15E17	WALNUT	4/2/2006	G	36	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	288	LBS
8S15E16	WALNUT	4/15/2006	G	29	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	174	LBS
8S15E15	WALNUT	4/19/2006	G	13	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	94	LBS
8S15E24	TOMATO FRESH	4/19/2006	G	42	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	126	LBS
8S15E12	WALNUT	4/20/2006	G	12	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	90	LBS
8S15E18	WALNUT	4/20/2006	G	20	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	80	LBS
8S15E12	WALNUT	4/25/2006	G	9	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	68	LBS
8S15E12	WALNUT	4/25/2006	G	20	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	150	LBS
8S15E14	TOMATO FRESH	4/25/2006	G	10	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	30	LBS
8S15E15	WALNUT	4/25/2006	G	10	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	75	LBS
8S15E24	TOMATO FRESH	4/29/2006	G	20	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	40	LBS
8S13E21	RICE	5/9/2006	A	42	5905-486-AA	COPPER-Z 4/4	COPPER SULFATE (ANHYDROUS)	42	GA
8S13E21	RICE	5/9/2006	A	56	5905-486-AA	COPPER-Z 4/4	COPPER SULFATE (ANHYDROUS)	56	GA
8S15E17	WALNUT	5/10/2006	G	36	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	288	LBS
8S15E24	TOMATO FRESH	5/19/2006	G	55	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	110	LBS
8S14E10	TOMATO FRESH	5/23/2006	A	40	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	80	LBS
8S14E14	TOMATO FRESH	5/23/2006	A	38	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	76	LBS
8S14E14	TOMATO FRESH	5/23/2006	A	34	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	68	LBS
8S14E23	TOMATO FRESH	5/23/2006	A	79	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	158	LBS
8S15E12	WALNUT	5/23/2006	A	40	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	300	LBS
8S15E12	WALNUT	5/23/2006	A	18	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	135	LBS
8S15E15	WALNUT	5/23/2006	A	20	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	150	LBS
8S15E15	WALNUT	5/23/2006	A	25	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	188	LBS
8S15E24	TOMATO FRESH	5/29/2006	G	101	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	300	LBS
8S13E21	RICE	5/31/2006	A	30	5905-486-AA	COPPER-Z 4/4	COPPER SULFATE (ANHYDROUS)	30	GA
8S13E21	RICE	6/5/2006	A	100	5905-486-AA	COPPER-Z 4/4	COPPER SULFATE (ANHYDROUS)	100	GA

Figure 35. Location for copper use for Duck Slough @ Gurr Rd site subwatershed – irrigation 2.



Duck Slough @ Gurr Rd – Irrigation 3 (7/12/06) – Copper exceedance.

There were no additional applications reported after June 5, 2006 (Table 37).

Duck Slough @ Gurr Rd – Irrigation 3 (7/12/06) – Lead exceedance.

There are no registered products containing lead.

Duck Slough @ Hwy 99 – Irrigation 1, 3 and 5 – Lead exceedances.

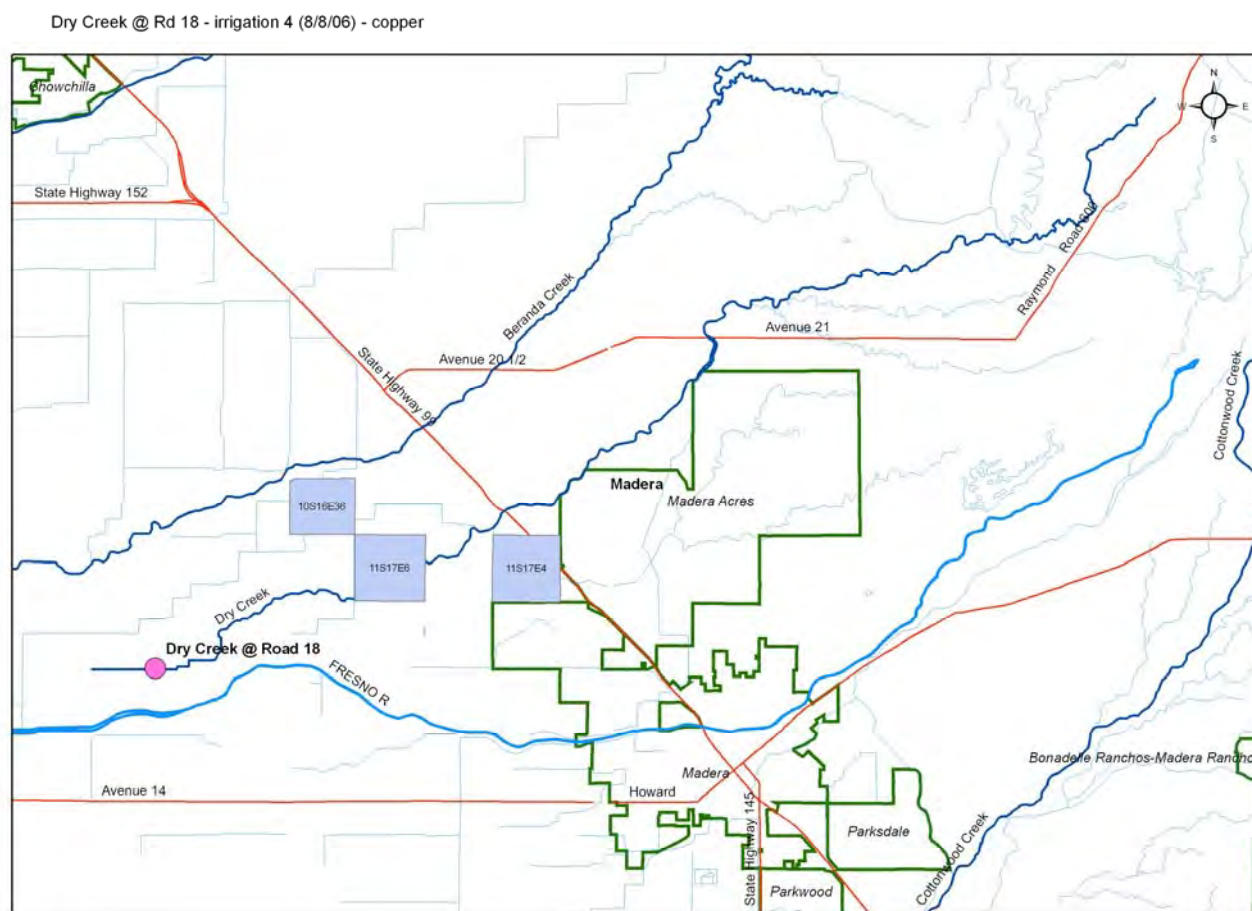
There are no registered products containing lead.

Duck Slough @ Hwy 99 – Irrigation 4 (8/8/06) – Copper exceedance.

Table 38. Copper use for Duck Slough @ Hwy 99 site subwatershed - irrigation 4.

TRS	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E17	05/10/06	G	36	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	288	LBS
8S15E24	05/19/06	G	55	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	110	LBS
8S15E12	05/23/06	A	18	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	135	LBS
8S15E12	05/23/06	A	40	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	300	LBS
8S15E15	05/23/06	A	20	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	150	LBS
8S15E15	05/23/06	A	25	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	187.5	LBS
8S15E24	05/29/06	G	101	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	300	LBS

Figure 36. Location of Copper use for Duck Slough @ Hwy 99 site subwatershed - irrigation 4.



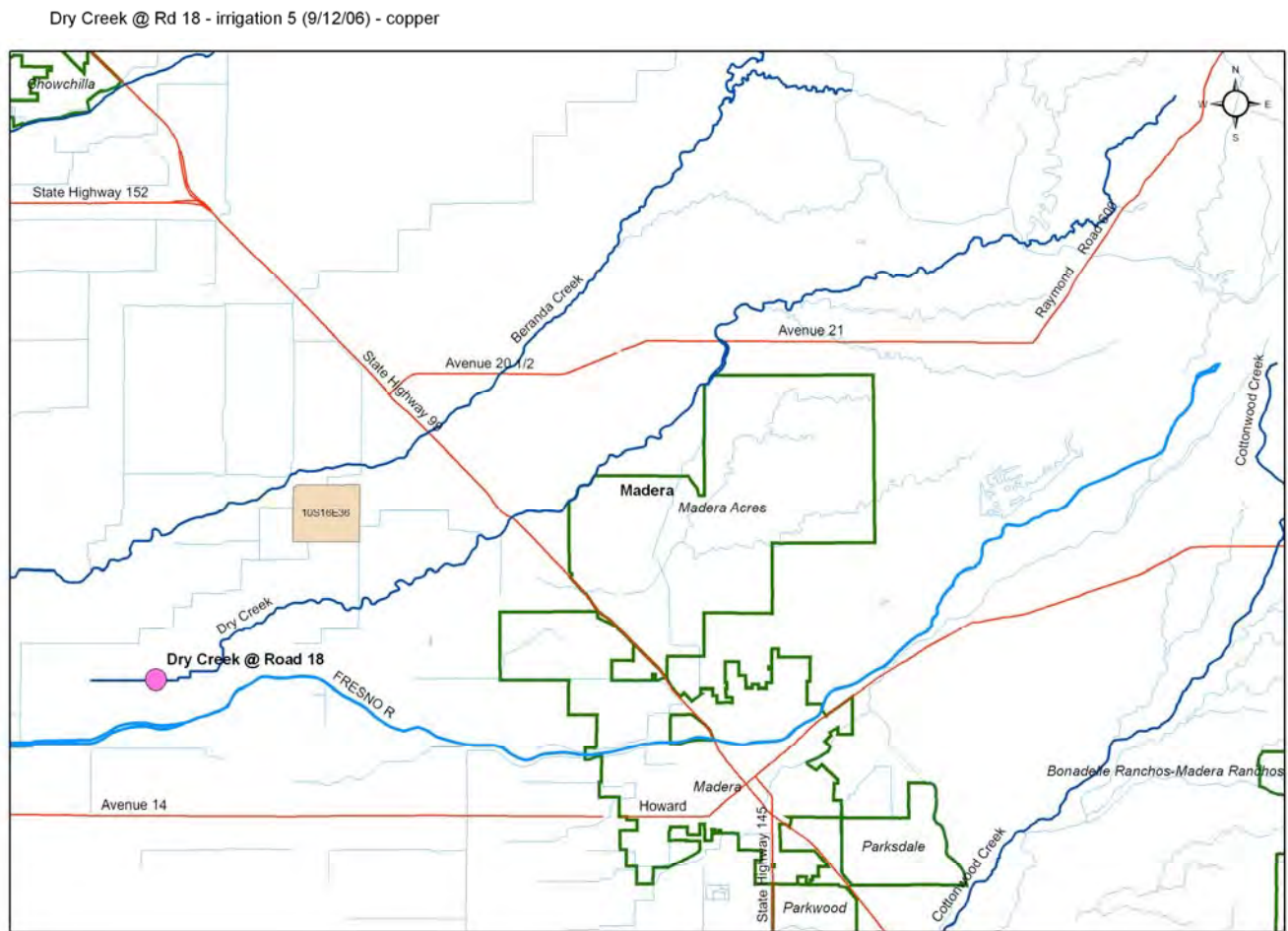
Duck Slough @ Hwy 99 – Irrigation 5 (9/13/06) – copper exceedance.

Copper use up to August 8, 2006 was reported above (Table 38) for the irrigation 4 exceedance. The Table below (Table 39) for irrigation 5 copper exceedance only lists the additional applications made after August 8, 2006.

Table 39. Copper use for Duck Slough @ Hwy 99 site subwatershed - irrigation 5.

TRS	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S14E1	08/25/06	A	103	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	210.12	LBS

Figure 37. Location of Copper use for Duck Slough @ Hwy 99 site subwatershed - irrigation 5.



Highline Canal @ Hwy 99 – Irrigation 1 and 4 – Lead exceedances.

There are no registered products containing lead.

Highline Canal @ Lombardy Rd – Irrigation 1, 2, 4 and 5 – Lead exceedances.

There are no registered products containing lead.

Highline Canal @ Lombardy Rd – Irrigation 5 – Zinc exceedance.

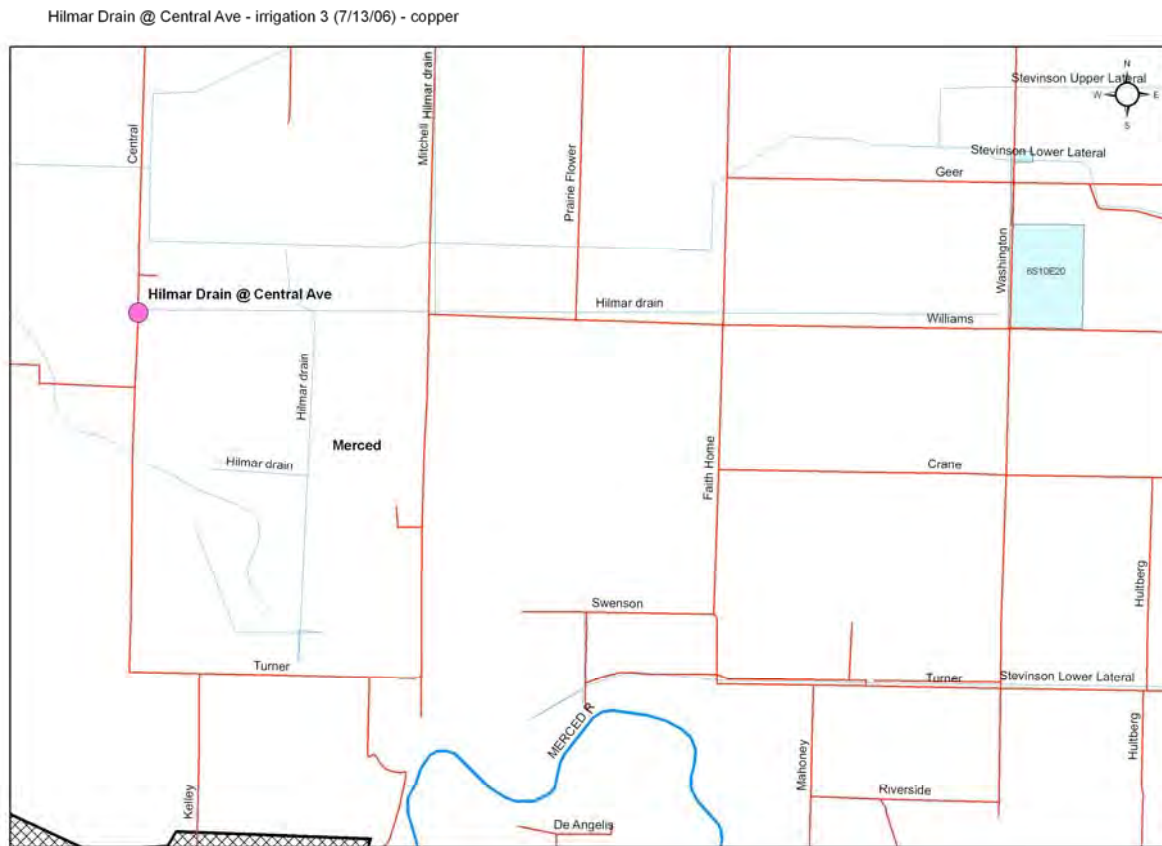
There were no reported uses of products containing zinc in this site subwatershed.

Hilmar Drain @ Central Ave – Irrigation 3 (7/13/06) – Copper exceedance.

Table 40. Copper use for Hilmar Drain @ Central Ave. – irrigation 3.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S10E20	ALMOND	3/1/06	G	50	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	50	LBS
6S10E20	ALMOND	3/12/06	G	14	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	14	LBS
6S10E20	ALMOND	3/15/06	G	50	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	50	LBS
6S10E20	ALMOND	4/15/06	G	50	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	50	LBS

Figure 38. Location of Copper use for Hilmar Drain @ Central Ave. – irrigation 3.



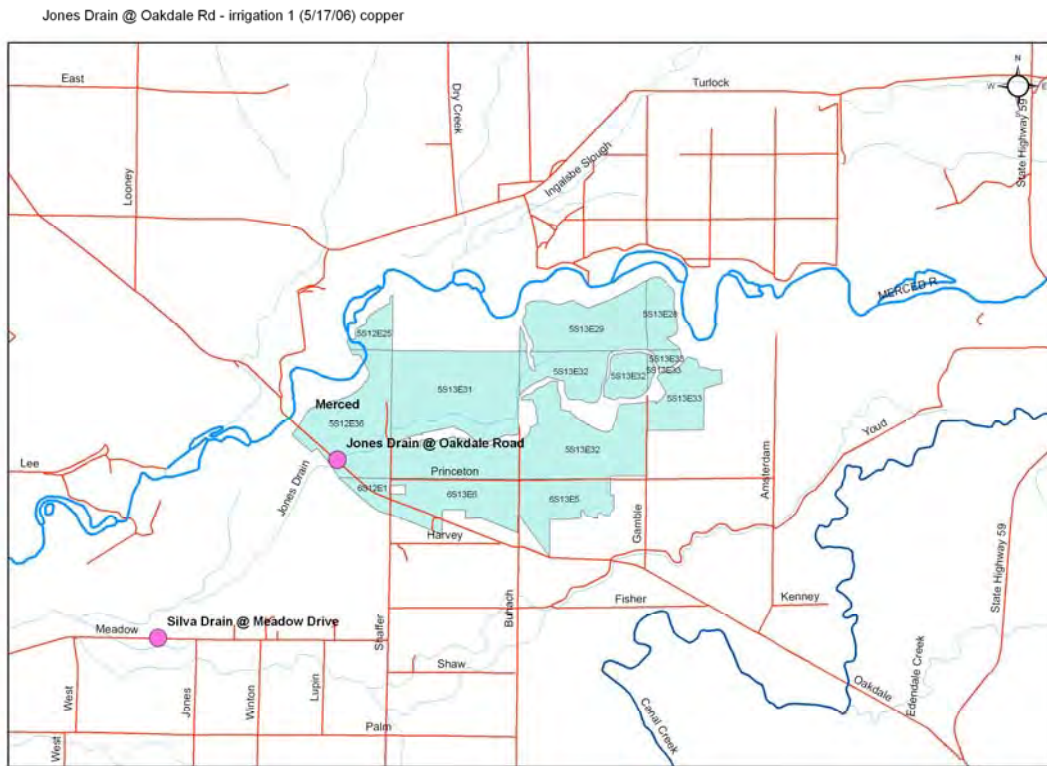
Jones Drain @ Oakdale Rd – Irrigation 1 (5/17/06) – Copper exceedance.

Table 41. Copper use for Jones Drain @ Oakdale Rd site subwatershed – irrigation 1

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S13E5	ALMOND	1/12/2006	G	13	1812-358-ZA	KOCIDE 2000	COPPER HYDROXIDE	90	LBS
6S13E5	ALMOND	1/17/2006	G	40	48142-4-AA	NORDOX 75 WG	COPPER OXIDE (OUS)	200	LBS
6S12E1	ALMOND	1/18/2006	G	65	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	975	LBS
5S12E25	ALMOND	1/19/2006	G	40	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	320	LBS
5S12E25	ALMOND	1/20/2006	G	60	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	480	LBS
6S13E6	ALMOND	1/20/2006	G	58	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	580	LBS
5S12E25	ALMOND	1/21/2006	G	35	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	280	LBS
5S12E25	ALMOND	1/23/2006	G	75	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	1500	LBS
5S13E33	ALMOND	2/2/2006	G	59	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	879	LBS
6S13E5	ALMOND	2/13/2006	G	40	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	50	LBS
6S13E6	ALMOND	2/13/2006	G	58	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	116	LBS
5S13E33	ALMOND	2/14/2006	G	61	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	306	LBS
5S13E32	ALMOND	2/15/2006	G	34	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	170	LBS
5S13E33	ALMOND	2/15/2006	G	56	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	279	LBS
5S13E32	ALMOND	2/16/2006	G	18	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	91	LBS
5S13E33	ALMOND	2/16/2006	G	29	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	147	LBS
6S12E1	ALMOND	2/16/2006	G	10	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	20	LBS
6S12E1	ALMOND	2/16/2006	G	18	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	90	LBS
6S13E6	ALMOND	2/16/2006	G	9	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	44	LBS
5S13E33	ALMOND	2/20/2006	G	61	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	306	LBS
5S13E33	ALMOND	2/20/2006	G	29	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	147	LBS
5S13E32	ALMOND	2/21/2006	G	18	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	91	LBS
5S13E33	ALMOND	2/21/2006	G	56	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	279	LBS
6S12E1	ALMOND	2/21/2006	G	18	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	90	LBS
6S13E6	ALMOND	2/21/2006	G	23	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	100	LBS
6S13E6	ALMOND	2/21/2006	G	30	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	110	LBS
5S13E32	ALMOND	2/22/2006	G	34	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	170	LBS
6S13E6	ALMOND	2/22/2006	G	9	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	44	LBS
5S13E32	ALMOND	2/24/2006	G	11	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	53	LBS
5S13E32	ALMOND	2/24/2006	G	23	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	115	LBS
5S13E32	ALMOND	2/24/2006	G	11	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	56	LBS
5S13E32	ALMOND	2/24/2006	G	14	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	72	LBS

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S13E33	ALMOND	2/24/2006	G	20	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	98	LBS
5S13E33	ALMOND	2/24/2006	G	15	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	76	LBS
5S13E33	ALMOND	2/24/2006	G	54	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	271	LBS
5S13E31	ALMOND	2/25/2006	G	12	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	59	LBS
5S13E31	PEACH	2/25/2006	G	10	51036-24-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	52	LBS
5S13E32	PEACH	2/25/2006	G	14	51036-24-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	69	LBS
5S13E32	PEACH	2/25/2006	G	27	51036-24-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	136	LBS
6S13E6	ALMOND	2/25/2006	G	11	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	53	LBS
5S13E31	PEACH	2/28/2006	G	8	51036-24-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	38	LBS
5S13E32	PEACH	2/28/2006	G	10	51036-24-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	51	LBS
6S13E6	ALMOND	3/1/2006	G	58	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	58	LBS
5S12E25	WALNUT	4/1/2006	G	100	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	800	LBS
5S12E36	WALNUT	4/13/2006	A	50	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	400	LBS
5S13E28	WALNUT	5/11/2006	G	58	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	868	LBS
5S13E29	WALNUT	5/11/2006	G	75	45002-8-AA	BASIC COPPER 53	COPPER SULFATE (BASIC)	1126	LBS

Figure 39. Location for copper use for Jones Drain @ Oakdale Rd site subwatershed – irrigation 1.



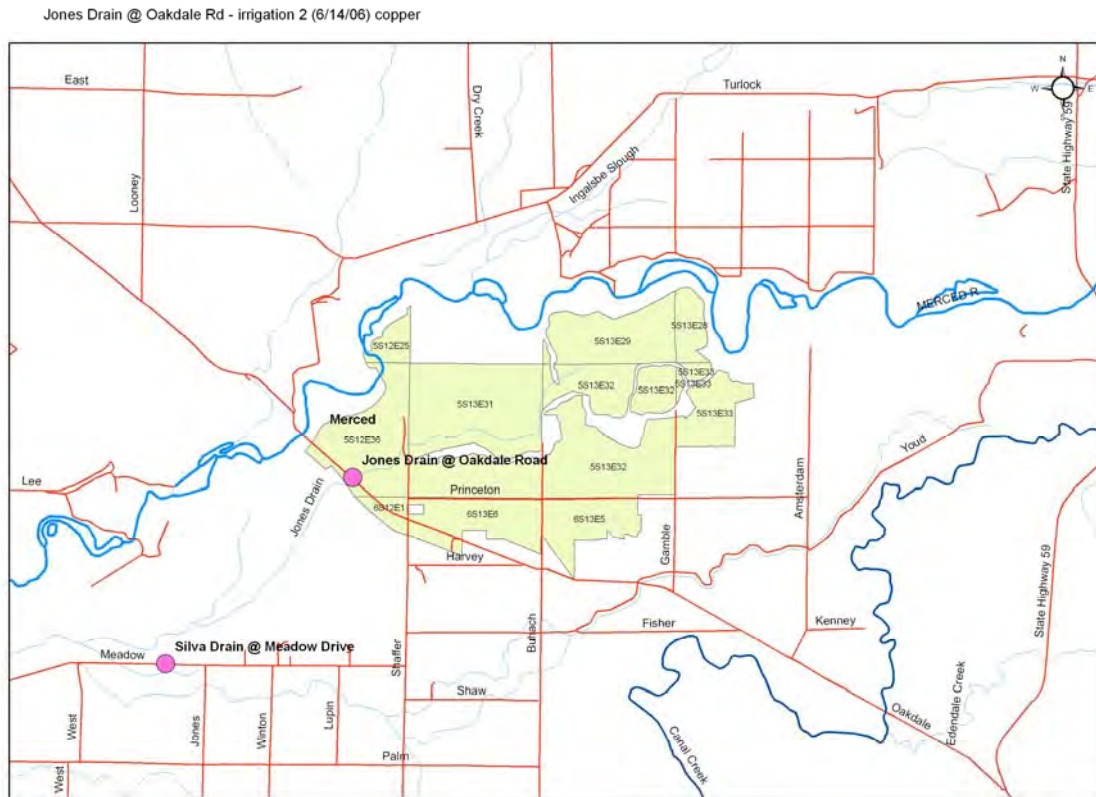
Jones Drain @ Oakdale Rd – Irrigation 2 (6/14/06) – Copper exceedance.

Copper use up to May 17, 2006 was reported above (Table 41) for the irrigation 1 exceedance. The Table below (Table 42) for irrigation 2 copper exceedances only lists the additional applications made after May 17, 2006.

Table 42. Copper use for Jones Drain @ Oakdale Rd site subwatershed – irrigation 2.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S13E6	WALNUT	5/18/2006	G	30	1812-334-ZA	KOCIDE DF	COPPER HYDROXIDE	300	LBS
5S13E28	WALNUT	5/26/2006	G	58	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	579	LBS
5S13E29	WALNUT	5/26/2006	G	75	55146-1-AA	CHAMPION WETTABLE POWDER	COPPER HYDROXIDE	751	LBS

Figure 40. Location for copper use for Jones Drain @ Oakdale Rd site subwatershed – irrigation 2.



Jones Drain @ Oakdale Rd – Irrigation 3 (7/13/06) – Copper exceedance.

No additional copper was reported used beyond the data presented for irrigation 2 (Table 42).

Jones Drain @ Oakdale Rd – Irrigation 4 (8/9/06) – Copper exceedance.

No additional copper was reported used beyond the data presented for irrigation 2 (Table 42).

Jones Drain @ Oakdale Rd – Irrigation 5 (9/13/06) – Copper exceedance.

No additional copper was reported used beyond the data presented for irrigation 2 (Table 42).

Jones Drain @ Oakdale Rd – Irrigation 1 and 5 – Lead exceedances.

There are no registered products containing lead.

Pesticide Use Reports for Sediment Toxicity Exceedances

Toxicity exceedances were treated differently than water chemistry exceedances. Given that there were a large number of chemicals applied and the ESJWQC did not analyze samples for these chemicals in sediment or the water column, any chemical applied in the watershed was treated as a potential source of the toxicity. These chemicals were analyzed by K_{oc} to determine which of the chemicals could be responsible for the toxicity. In dealing with sources of sediment toxicity, the list of chemicals was narrowed to those that could be responsible for the toxicity if their K_{oc} value was above 1800 (100 below the DPR standard). The interpretation of sediment toxicity is restricted to a significant decrease in survival of the treatment compared to the control as is currently recognized in the Waiver.

***Hyalella azteca* Toxicity**

Highline Canal @ Hwy 99- irrigation 4 (8/9/06).

Survival of 89.9% was reported for *Hyalella* for the sample collected at the Highline Canal @ Hwy 99 site subwatershed during the irrigation 4 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic.

During this sampling event, surface water samples were also collected. No toxicity was experienced by any of the test organisms during the water column toxicity testing. PURs were available for applications at this site through June and the high K_{oc} chemicals in Tables 43 and 44 were applied. Because we do not perform chemical analysis on sediment, it is not possible to know which chemical(s), if any, are responsible for the toxicity. Additional applications through July and August have not yet been received.

Previous sediment toxicity was experienced in May 2005 (60.1% of control), July 2005 (77.3% of control), and May 2006 (50% of control). It is clear that sediment toxicity is persistent at this site.

During the September 13, 2006 surface water sampling event, toxicity to *Ceriodaphnia* was reported at both the Highline Canal @ Hwy 99 and Highline Canal @ Lombardy Rd sites.

Table 43. Pesticide applications upstream of the Highline Canal @ Hwy 99 sampling site with Koc values ≥ 1800 – irrigation 4 (8/20/06) (Merced County data)

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S11E2	ALMOND	6/5/06	G	5	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	64	OZ	1600
5S11E27	ALMOND	6/10/06	G	10	10182-415-ZA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	0.5	GA	1600
6S11E11	ALMOND	6/21/06	G	70	10182-415-ZA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	3.5	GA	1600
5S11E27	ALMOND	6/30/06	G	18	10182-415-ZA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	180	OZ	1600
6S11E14	GRAPE WINE	6/8/06	G	32	100-828-AA	VANGARD WG	CYPRODINIL	20.32	LBS	2030
6S11E14	GRAPE WINE	6/9/06	G	40	100-828-AA	VANGARD WG	CYPRODINIL	25	LBS	2030
6S11E14	GRAPE WINE	6/12/06	G	9	100-828-AA	VANGARD WG	CYPRODINIL	6.25	LBS	2030
6S11E14	GRAPE WINE	6/12/06	G	54	100-828-AA	VANGARD WG	CYPRODINIL	34.39	LBS	2030
5S11E28	ALMOND	6/2/06	G	10	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	1	QT	4000
5S11E27	ALMOND	6/3/06	G	20	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	2	QT	4000
5S11E27	ALMOND	6/3/06	G	10	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	1	QT	4000
5S11E34	GRAPE RAISIN	6/22/06	G	28	400-82-AA	OMITE-30W	PROPARGITE	56	LBS	4000
5S12E31	GRAPE WINE	6/22/06	G	50	264-777-AA	FLINT FUNGICIDE	TRIFLOXYSTROBIN	200	OZ	4000
5S12E31	ALMOND	6/28/06	G	10	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	87.4	OZ	4000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E35	ALMOND	7/19/06	G	20	400-89-AA	OMITE-6E	PROPARGITE	320	OZ	4000
5S11E25	ALMOND	7/20/06	G	115	400-89-AA	OMITE-6E	PROPARGITE	230	PT	4000
5S11E26	ALMOND	7/21/06	G	35	400-89-AA	OMITE-6E	PROPARGITE	70	PT	4000
5S12E30	CORN FOR/FOD	7/27/06	G	155	400-104-ZA	COMITE	PROPARGITE	48	GA	4000
6S11E10	ALMOND	7/27/06	A	41	400-89-AA	OMITE-6E	PROPARGITE	14.86	GA	4000
5S11E27	ALMOND	8/3/06	G	30	400-89-AA	OMITE-6E	PROPARGITE	7.5	GA	4000
6S11E3	ALMOND	6/1/06	G	37	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	370	OZ	5000
5S11E28	ALMOND	6/2/06	G	10	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	3.13	QT	5000
5S11E27	ALMOND	6/3/06	G	10	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	3.1	QT	5000
5S11E27	ALMOND	6/3/06	G	20	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1.6	GA	5000
5S11E36	ALMOND	6/3/06	G	39	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	3	GA	5000
6S11E1	ALMOND	6/4/06	G	13	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1	GA	5000
5S11E28	ALMOND	6/5/06	G	40	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	4	GA	5000
6S11E2	ALMOND	6/5/06	G	5	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	30	OZ	5000
6S11E1	ALMOND	6/6/06	G	35	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	35	OZ	5000
6S11E11	ALMOND	6/6/06	G	29	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	348	OZ	5000
6S12E7	ALMOND	6/6/06	G	32	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	384	OZ	5000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S12E7	WALNUT	6/7/06	G	105	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1050	OZ	5000
5S11E27	ALMOND	6/10/06	G	10	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	100	OZ	5000
6S11E2	ALMOND	6/10/06	G	15	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	192	OZ	5000
6S11E1	ALMOND	6/10/06	G	70	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	896	OZ	5000
6S12E6	ALMOND	6/10/06	G	35	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	448	OZ	5000
6S11E11	ALMOND	6/10/06	G	20	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	160	OZ	5000
6S12E6	ALMOND	6/12/06	G	10	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	10	LBS	5000
6S12E7	ALMOND	6/13/06	G	8	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	64	OZ	5000
6S11E11	ALMOND	6/21/06	G	70	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	560	OZ	5000
5S12E31	ALMOND	6/28/06	G	10	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	230	OZ	5000
5S11E36	ALMOND	6/29/06	G	9.57	618-98-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	0.56	QT	5000
6S12E6	WALNUT	6/29/06	G	29.9	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	300	OZ	5000
5S11E27	ALMOND	6/30/06	G	18	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	130	OZ	5000
5S11E27	ALMOND	6/30/06	G	18	618-98-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	50	OZ	5000
5S12E31	WALNUT	6/30/06	G	55	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	550	OZ	5000
6S11E2	ALMOND	6/30/06	G	5	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1	GA	5000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E26	ALMOND	7/6/06	G	40	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	128	OZ	5000
5S11E24	ALMOND	7/14/06	G	50	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	5	GA	5000
5S12E30	ALMOND	7/19/06	G	110	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	110	LBS	5000
6S12E6	ALMOND	7/19/06	G	28.7	618-98-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	3.6	QT	5000
6S11E1	ALMOND	7/20/06	G	4.57	618-98-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1.1	PT	5000
6S11E9	N- OUTDOOR TRANSPL	7/21/06	A	8	62719-414-AA	KELTHANE 50 WSP AGRICULTURAL MITICIDE WE	DICOFOL	8	LBS	5000
6S11E14	ALMOND	7/23/06	G	34	72167-43-AA- 73220	FARMSAVER.COM ABBA 0.15 EC	ABAMECTIN	217.6	OZ	5000
6S11E13	ALMOND	7/23/06	G	36	72167-43-AA- 73220	FARMSAVER.COM ABBA 0.15 EC	ABAMECTIN	230.4	OZ	5000
6S12E6	ALMOND	7/24/06	G	28.7	618-98-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	3.6	QT	5000
6S11E1	ALMOND	7/25/06	G	4.57	618-98-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1.1	PT	5000
5S11E27	ALMOND	7/26/06	G	25	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	25	LBS	5000
6S11E3	ALMOND	7/29/06	G	20	72167-43-AA- 66222	ABBA 0.15 EC	ABAMECTIN	128	OZ	5000
5S11E26	WALNUT	8/6/06	G	11	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	64	OZ	5000
5S11E13	ALMOND	8/9/06	G	565	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	565	LBS	5000
5S12E18	ALMOND	8/9/06	G	360	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	360	LBS	5000
5S11E28	ALMOND	6/2/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	2	QT	5300
5S11E34	PEACH	6/2/06	G	10	352-515-AA	DU PONT ASANA XL	ESFENVALERATE	100	OZ	5300

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
						INSECTICIDE				
5S11E34	PEACH	6/2/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	100	OZ	5300
5S11E34	PEACH	6/2/06	G	30	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	300	OZ	5300
6S11E3	PEACH	6/2/06	G	9	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	90	OZ	5300
6S11E1	PEACH	6/2/06	G	20	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	192	OZ	5300
6S11E10	PEACH	6/2/06	G	17	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	170	OZ	5300
6S11E12	PEACH	6/2/06	G	25	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	250	OZ	5300
5S11E27	ALMOND	6/3/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	2	QT	5300
5S11E27	ALMOND	6/3/06	G	20	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	1	GA	5300
6S11E3	PEACH	6/8/06	G	24	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	96	OZ	5300
6S11E3	PEACH	6/8/06	G	3	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	12	OZ	5300
6S11E3	PEACH	6/8/06	G	20	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	50	OZ	5300
5S11E26	PEACH	6/10/06	G	25	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	5	QT	5300
5S12E30	PEACH	6/28/06	G	65	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	520	OZ	5300
5S11E35	PEACH	6/28/06	G	15	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	144	OZ	5300
5S11E35	PEACH	6/28/06	G	23	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	220.8	OZ	5300

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E36	PEACH	6/28/06	G	22	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	176	OZ	5300
6S11E3	PEACH	6/28/06	G	9	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	86.4	OZ	5300
5S11E26	PEACH	6/29/06	G	32	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	256	OZ	5300
5S11E35	PEACH	6/29/06	G	12	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	96	OZ	5300
5S11E35	PEACH	6/29/06	G	15	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	144	OZ	5300
5S11E36	PEACH	6/29/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	96	OZ	5300
5S12E31	PEACH	6/29/06	G	6.4	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	64	OZ	5300
6S11E1	PEACH	6/29/06	G	26	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	249.6	OZ	5300
6S12E6	PEACH	6/29/06	G	5	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	50	OZ	5300
5S11E26	PEACH	6/30/06	G	8	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	40	OZ	5300
5S11E25	PEACH	6/30/06	G	15.25	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	152.5	OZ	5300
5S11E25	PEACH	6/30/06	G	10.5	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	105	OZ	5300
5S11E25	PEACH	6/30/06	G	10.25	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	102.5	OZ	5300
6S12E7	WALNUT	6/30/06	G	85	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	850	OZ	5300
5S11E25	ALMOND	7/1/06	G	15	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	1.5	GA	5300
5S11E36	PEACH	7/1/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	96	OZ	5300

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E36	PEACH	7/1/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	96	OZ	5300
5S11E36	PEACH	7/1/06	G	7	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	67.2	OZ	5300
6S11E9	PEACH	7/1/06	G	13	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	130	OZ	5300
5S11E36	PEACH	7/2/06	G	11	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	105.6	OZ	5300
5S11E36	PEACH	7/2/06	G	22	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	211.2	OZ	5300
5S11E35	ALMOND	7/19/06	G	20	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	192	OZ	5300
6S12E6	ALMOND	7/19/06	G	28.7	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	2.2	GA	5300
6S11E1	ALMOND	7/20/06	G	4.57	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	1.4	QT	5300
6S11E14	ALMOND	7/23/06	G	34	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	285.6	OZ	5300
6S11E13	ALMOND	7/23/06	G	36	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	302.4	OZ	5300
5S11E34	PEACH	7/25/06	G	30	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	240	OZ	5300
5S11E34	PEACH	7/25/06	G	20	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	160	OZ	5300
6S11E2	ALMOND	7/25/06	G	15	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	128	OZ	5300
5S12E31	ALMOND	7/29/06	G	31.8	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	351	OZ	5300
5S12E31	ALMOND	7/30/06	G	27.4	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	351	OZ	5300
6S12E6	ALMOND	7/30/06	G	27.5	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	275	OZ	5300

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S11E1	ALMOND	7/31/06	G	4.57	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	1.4	QT	5300
6S12E6	ALMOND	7/31/06	G	28.7	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	2.2	GA	5300
6S11E2	ALMOND	6/10/06	G	15	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	150	OZ	6000
6S11E9	N- OUTDOOR TRANSPL	6/29/06	G	8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	9.25	LBS	6000
6S11E14	GRAPE WINE	7/7/06	G	10.8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	112.54	OZ	6000
6S11E9	N- OUTDOOR TRANSPL	7/29/06	A	8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	9.5	LBS	6000
5S11E26	ALMOND	6/6/06	G	20	62719-220-AA- 55467	GOVERN 4E INSECTICIDE	CHLORPYRIFOS	40	PT	6070
6S12E7	WALNUT	6/7/06	G	105	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	420	PT	6070
5S12E30	CORN FOR/FOD	6/11/06	A	80	66222-19-AA	CHLORPYRIFOS 4E AG	CHLORPYRIFOS	2560	OZ	6070
6S12E6	WALNUT	6/29/06	G	29.9	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	19.14	OZ	6070
5S12E31	WALNUT	6/30/06	G	55	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	3520	OZ	6070
5S11E26	WALNUT	7/3/06	G	11	62719-220-AA- 55467	GOVERN 4E INSECTICIDE	CHLORPYRIFOS	20	PT	6070
5S11E26	ALMOND	7/6/06	G	40	62719-220-AA- 55467	GOVERN 4E INSECTICIDE	CHLORPYRIFOS	40	QT	6070
5S11E23	ALMOND	7/13/06	G	110	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	220	QT	6070
5S11E22	ALMOND	7/14/06	G	40	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	80	QT	6070
5S11E24	ALMOND	7/14/06	G	50	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	25	GA	6070
5S11E26	ALMOND	7/15/06	G	30	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	60	QT	6070

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6S11E12	ALMOND	7/19/06	G	35	464-448-AA	LORSBAN 4E INSECTICIDE	CHLORPYRIFOS	15	PT	6070
5S11E27	WALNUT	7/25/06	G	2	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	4	QT	6070
5S12E30	CORN FOR/FOD	7/28/06	G	77	66222-19-AA	CHLORPYRIFOS 4E AG	CHLORPYRIFOS	19.25	GA	6070
6S11E2	ALMOND	7/31/06	G	5	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	0.5	GA	6070
5S11E25	ALMOND	8/3/06	G	30	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	15	GA	6070
5S11E25	ALMOND	8/4/06	G	39	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	5	GA	6070
5S11E27	WALNUT	8/5/06	G	5	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	10	QT	6070
5S11E26	WALNUT	8/6/06	G	11	62719-220-AA-55467	GOVERN 4E INSECTICIDE	CHLORPYRIFOS	20	PT	6070
5S11E25	ALMOND	8/9/06	G	76	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	15	GA	6070
5S12E30	ALMOND	6/3/06	G	100	400-461-AA	DIMILIN 2L	DIFLUBENZURON	1600	OZ	10000
5S12E31	ALMOND	6/28/06	G	10	400-461-AA	DIMILIN 2L	DIFLUBENZURON	160	OZ	10000
6S11E15	PEACH	6/1/06	G	29	66222-65-AA	APOLLO 42% OVICIDE/MITICIDE	CLOFENTEZINE	232	OZ	11000
5S11E27	WALNUT	6/27/06	G	8	66222-65-AA	APOLLO 42% OVICIDE/MITICIDE	CLOFENTEZINE	48	OZ	11000
5S11E27	WALNUT	6/28/06	G	6	66222-65-AA	APOLLO 42% OVICIDE/MITICIDE	CLOFENTEZINE	36	OZ	11000
5S11E35	PEACH	6/29/06	G	12	66222-65-AA	APOLLO 42% OVICIDE/MITICIDE	CLOFENTEZINE	48	OZ	11000
5S11E26	PEACH	6/30/06	G	8	66222-47-AA	APOLLO SC OVICIDE/MITICIDE	CLOFENTEZINE	40	OZ	11000
5S11E25	ALMOND	7/8/06	G	10	66222-65-AA	APOLLO 42% OVICIDE/MITICIDE	CLOFENTEZINE	32	OZ	11000
5S11E24	ALMOND	6/1/06	G	74	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	111	LBS	11600
5S11E13	ALMOND	6/3/06	G	565	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	1130	LBS	11600

East San Joaquin
Water Quality Coalition

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5S12E18	ALMOND	6/3/06	G	360	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	720	LBS	11600
5S12E31	ALMOND	6/3/06	G	23	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	46	LBS	11600
5S11E26	ALMOND	6/16/06	G	40	59639-115-AA	ESTEEM 35 WP INSECT GROWTH REGULATOR	PYRIPROXYFEN	60	LBS	11600
6S11E1	ALMOND	6/23/06	G	20	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	30	LBS	11600
6S11E14	ALMOND	7/11/06	G	18	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	34.92	LBS	11600
6S11E13	ALMOND	7/13/06	G	74	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	139.86	LBS	11600
6S11E14	ALMOND	7/17/06	G	28	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	50.12	LBS	11600
6S11E2	ALMOND	6/10/06	G	15	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	150	OZ	16000
6S11E9	N- OUTDOOR TRANSPL	6/29/06	G	8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	9.25	LBS	16000
6S11E14	GRAPE WINE	7/7/06	G	10.8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	112.54	OZ	16000
6S11E9	N- OUTDOOR TRANSPL	7/29/06	A	8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	9.5	LBS	16000
5S11E26	ALMOND	6/19/06	G	50	2724-475-ZA	EXTINGUISH PROFESSIONAL FIRE ANT BAIT	S-METHOPRENE	50	LBS	23000
5S11E23	ALMOND	7/2/06	G	82	2724-475-AA	EXTINGUISH PROFESSIONAL FIRE ANT BAIT	S-METHOPRENE	123	LBS	23000
5S11E22	ALMOND	7/4/06	G	45	2724-475-AA	EXTINGUISH PROFESSIONAL FIRE ANT BAIT	S-METHOPRENE	67.5	LBS	23000
5S11E26	ALMOND	7/5/06	G	35	2724-475-AA	EXTINGUISH PROFESSIONAL FIRE ANT BAIT	S-METHOPRENE	35	LBS	23000

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5S11E23	ALMOND	6/1/06	G	29	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	7.25	GA	24000
6S11E1	ALMOND	6/1/06	G	18	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	4.5	GA	24000
6S11E1	ALMOND	6/1/06	G	6	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1.5	GA	24000
6S12E6	ALMOND	6/1/06	G	18	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	4.5	GA	24000
6S11E11	ALMOND	6/1/06	G	13	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3.25	GA	24000
6S11E11	ALMOND	6/1/06	G	10	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2.5	GA	24000
6S11E12	ALMOND	6/1/06	G	12	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	GA	24000
6S11E15	PEACH	6/2/06	G	13.3	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	4.99	GA	24000
6S11E12	ALMOND	6/3/06	G	40	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	80	PT	24000
6S11E1	ALMOND	6/3/06	G	32	524-537-AA	ROUNDUP WEATHERMAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	426.67	OZ	24000
6S11E1	ALMOND	6/3/06	G	18	524-537-AA	ROUNDUP WEATHERMAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	240	OZ	24000
6S12E6	ALMOND	6/3/06	G	32	524-537-AA	ROUNDUP WEATHERMAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	426.67	OZ	24000
5S11E24	ALMOND	6/5/06	G	37	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	37	QT	24000
6S11E14	GRAPE WINE	6/6/06	G	13	524-445-ZA-55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	GA	24000
5S11E27	WALNUT	6/7/06	G	2.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75	QT	24000
5S11E27	ALMOND	6/7/06	G	22	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	33	QT	24000

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5S11E27	ALMOND	6/7/06	G	5	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	5	QT	24000
5S12E31	PEACH	6/7/06	G	40	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	40	QT	24000
6S11E14	GRAPE WINE	6/7/06	G	3	524-445-ZA-55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	0.75	GA	24000
6S11E14	CORN FOR/FOD	6/7/06	G	39	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	9.75	GA	24000
6S11E13	CORN FOR/FOD	6/7/06	G	67	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	16.75	GA	24000
5S11E23	ALMOND	6/9/06	G	24	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	24	QT	24000
6S11E2	ALMOND	6/9/06	G	17.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3.5	GA	24000
6S12E6	ALMOND	6/9/06	G	4	524-512-AA	ROUNDUP ULTRAMAX HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	75	OZ	24000
6S11E13	CORN FOR/FOD	6/10/06	G	38	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	52	QT	24000
5S11E26	ALMOND	6/11/06	G	16	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	16	QT	24000
5S11E36	ALMOND	6/11/06	G	7.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	2.25	GA	24000
6S11E3	ALMOND	6/11/06	G	32	524-512-AA	ROUNDUP ULTRAMAX HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	10	GA	24000
6S11E10	PASTURELAND	6/11/06	G	3	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	12	QT	24000
6S11E14	GRAPE WINE	6/12/06	G	16	524-445-ZA-55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3.25	GA	24000
6S11E13	GRAPE WINE	6/12/06	G	12	524-445-ZA-55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2.5	GA	24000
5S11E36	ALMOND	6/13/06	G	20	524-445-ZA-55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	30	PT	24000

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6S11E1	ALMOND	6/14/06	G	10	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	5	GA	24000
5S11E26	ALMOND	6/15/06	G	37	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	47.02	PT	24000
5S11E25	ALMOND	6/15/06	G	152	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	193.17	PT	24000
6S12E6	WALNUT	6/15/06	G	10.6	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	542.7	OZ	24000
6S11E14	GRAPE WINE	6/15/06	G	11	524-445-ZA- 55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2.75	GA	24000
5S12E31	WALNUT	6/16/06	G	12.4	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	635	OZ	24000
6S11E15	ALMOND	6/16/06	G	12	42750-61-AA- 72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	6	QT	24000
6S11E14	ALMOND	6/16/06	G	12	524-445-ZA- 55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3.12	GA	24000
5S12E30	ALMOND	6/17/06	G	114	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	3648	OZ	24000
5S11E26	PEACH	6/17/06	G	25	42750-61-AA- 72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	20	QT	24000
6S11E11	ALMOND	6/17/06	G	10	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	204	OZ	24000
5S11E28	ALMOND	6/19/06	G	7.2	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	11	QT	24000
5S11E27	WALNUT	6/19/06	G	8	4787-23-AA- 72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	GA	24000
6S12E6	ALMOND	6/19/06	G	23.1	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	1183	OZ	24000
5S11E27	WALNUT	6/20/06	G	6	4787-23-AA- 72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2	GA	24000
5S11E36	PEACH	6/20/06	G	58	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3712	OZ	24000

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5S11E36	PEACH	6/20/06	G	22	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1408	OZ	24000
5S12E31	ALMOND	6/20/06	G	23	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	23	QT	24000
6S11E3	PEACH	6/20/06	G	33	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2112	OZ	24000
6S11E1	PEACH	6/20/06	G	26	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1664	OZ	24000
5S11E28	PEACH	6/21/06	G	36	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2304	OZ	24000
5S11E28	CORN FOR/FOD	6/21/06	G	65	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	16.25	GA	24000
5S11E26	WALNUT	6/21/06	G	11	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	22	PT	24000
5S11E35	PEACH	6/21/06	G	90	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	5760	OZ	24000
5S11E36	PEACH	6/21/06	G	31	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1984	OZ	24000
6S11E12	ALMOND	6/21/06	G	10	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	320	OZ	24000
5S11E26	ALMOND	6/22/06	G	55	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	110	PT	24000
6S11E12	ALMOND	6/22/06	G	10	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	320	OZ	24000
5S12E30	ALMOND	6/23/06	G	20	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	24	QT	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S11E3	ALMOND	6/23/06	G	27.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	6.875	GA	24000
6S11E1	ALMOND	6/23/06	G	9.13	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1.87	GA	24000
6S11E14	GRAPE WINE	6/23/06	G	21	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	5.5	GA	24000
5S11E27	ALMOND	6/24/06	G	10	4787-23-AA- 72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	GA	24000
5S11E34	ALMOND	6/24/06	G	18	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	5	GA	24000
5S11E27	ALMOND	6/25/06	G	3.3	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	5	QT	24000
5S11E26	ALMOND	6/25/06	G	40	524-445-AA- 4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	7.5	GA	24000
5S11E27	ALMOND	6/26/06	G	6	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	5	GA	24000
5S11E36	ALMOND	6/26/06	G	35.04	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	6.6	GA	24000
5S11E25	ALMOND	6/27/06	G	152	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	228	PT	24000
5S11E36	ALMOND	6/27/06	G	10	524-445-ZA- 55467	BUCCANEER GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	15	PT	24000
6S12E6	ALMOND	6/27/06	G	23	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	30.67	PT	24000
6S12E6	ALMOND	6/27/06	G	20	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	26.67	PT	24000
6S12E6	ALMOND	6/27/06	G	24	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	32	PT	24000
5S11E28	CORN FOR/FOD	6/27/06	G	8	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	1.5	GA	24000
5S11E28	CORN FOR/FOD	6/27/06	G	20	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	5	GA	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E26	ALMOND	6/29/06	G	37	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	55.5	PT	24000
6S12E6	ALMOND	6/29/06	G	57.4	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	11.24	GA	24000
6S11E2	ALMOND	6/30/06	G	5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75	GA	24000
6S11E12	ALMOND	6/30/06	G	10	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	9	QT	24000
5S11E13	ALMOND	7/1/06	G	254	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	63.5	GA	24000
5S12E18	ALMOND	7/1/06	G	162	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	40.5	GA	24000
5S11E25	ALMOND	7/1/06	G	20	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	640	OZ	24000
6S11E13	ALMOND	7/1/06	G	26	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	9.68	GA	24000
5S11E27	WALNUT	7/3/06	G	2.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75	QT	24000
5S11E27	ALMOND	7/3/06	G	22	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	33	QT	24000
5S11E27	WALNUT	7/3/06	G	6	42750-61-AA- 72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	6	QT	24000
6S11E14	ALMOND	7/3/06	G	6.3	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2.4	GA	24000
5S11E27	ALMOND	7/4/06	G	3	42750-61-AA- 72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	QT	24000
6S12E6	ALMOND	7/4/06	G	9	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	2	QT	24000
6S11E12	ALMOND	7/4/06	G	6.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75	GA	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E25	ALMOND	7/5/06	G	39	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	5	GA	24000
5S11E25	ALMOND	7/5/06	G	76	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	10	GA	24000
6S11E11	ALMOND	7/5/06	G	42	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	18.75	GA	24000
6S12E7	ALMOND	7/6/06	G	45.01	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	8.4	GA	24000
5S11E28	ALMOND	7/7/06	G	8.4	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75	GA	24000
5S11E35	ALMOND	7/7/06	G	44.92	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	8.4	GA	24000
6S12E6	ALMOND	7/7/06	G	15	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	495	OZ	24000
6S11E15	ALMOND	7/7/06	G	46	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	7.5	GA	24000
5S11E22	ALMOND	7/11/06	G	42	4787-31-AA	GLYFOS HERBICIDE	GLYPHOSATE	84	QT	24000
5S11E26	ALMOND	7/11/06	G	37	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1776	OZ	24000
6S11E14	ALMOND	7/11/06	G	4	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1.2	GA	24000
5S11E24	CORN FOR/FOD	7/12/06	G	30	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	720	FLO Z	24000
5S11E24	CORN FOR/FOD	7/12/06	G	80	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	1920	FLO Z	24000
5S11E23	ALMOND	7/12/06	G	100	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	200	QT	24000
5S11E25	ALMOND	7/12/06	G	40	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1920	OZ	24000
5S11E27	ALMOND	7/13/06	G	10	524-454-AA- 34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	GA	24000

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6S11E14	ALMOND	7/13/06	G	4	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	1.2	GA	24000
5S11E25	ALMOND	7/14/06	G	25.3	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	12.6	GA	24000
5S11E36	ALMOND	7/14/06	G	10	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3	GA	24000
6S11E11	ALMOND	7/14/06	G	42	524-454-AA- 34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	18.75	GA	24000
6S11E12	ALMOND	7/15/06	G	55	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	54	QT	24000
6S11E14	ALMOND	7/16/06	G	18	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	5.12	GA	24000
5S12E30	ALMOND	7/17/06	G	25	524-445-AA- 4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	30	QT	24000
5S11E36	ALMOND	7/17/06	G	10	524-454-AA- 55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	30	PT	24000
5S11E21	CORN FOR/FOD	7/17/06	A	40	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	10	GA	24000
5S11E21	CORN FOR/FOD	7/17/06	A	20	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	5	GA	24000
5S11E34	ALMOND	7/18/06	G	17	524-475-ZB	ROUNDUP ULTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	17	QT	24000
6S11E14	GRAPE WINE	7/21/06	G	18	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	5.5	GA	24000
5S11E27	WALNUT	7/23/06	G	2.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75	QT	24000
5S11E27	ALMOND	7/23/06	G	22	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	33	QT	24000
5S11E27	ALMOND	7/25/06	G	12	524-454-AA- 34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	12	QT	24000
6S11E14	ALMOND	7/26/06	G	11	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2.55	GA	24000

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5S11E26	ALMOND	7/27/06	G	57	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	85	QT	24000
6S11E13	ALMOND	7/27/06	G	16	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	6	GA	24000
5S12E30	CORN FOR/FOD	7/28/06	G	77	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	19.25	GA	24000
6S11E14	GRAPE WINE	7/28/06	G	13	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3.4	GA	24000
6S11E13	ALMOND	7/29/06	G	38	524-512-AA	ROUNDUP ULTRAMAX HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	5	GA	24000
6S11E13	ALMOND	7/29/06	G	39	524-512-AA	ROUNDUP ULTRAMAX HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	5	GA	24000
6S11E2	ALMOND	7/31/06	G	5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	1.25	GA	24000
6S11E11	ALMOND	7/31/06	G	90	524-454-AA- 34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	39	GA	24000
6S11E14	OAT FOR/FOD	7/31/06	G	38	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	GA	24000
6S11E14	GRAPE WINE	7/31/06	G	11	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2.45	GA	24000
6S11E13	CORN FOR/FOD	7/31/06	G	67	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	6	GA	24000
6S11E11	ALMOND	8/1/06	G	16.6	524-454-AA- 34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	7.5	GA	24000
5S11E25	ALMOND	8/3/06	G	30	524-445-AA- 4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	11.375	GA	24000
5S11E25	ALMOND	8/4/06	G	39	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	10	GA	24000
5S11E25	ALMOND	8/4/06	G	76	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	20	GA	24000
5S11E36	ALMOND	8/4/06	G	20	55467-9-AA	BUCANEER PLUS GLYPHOSATE HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	30	PT	24000

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6S11E12	ALMOND	8/6/06	G	12.5	524-454-AA-34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	5.75	GA	24000
6S11E15	ALMOND	8/7/06	G	45	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	15	GA	24000
5S11E13	ALMOND	8/8/06	G	282.5	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	70.63	GA	24000
5S12E18	ALMOND	8/8/06	G	66.5	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	16.63	GA	24000
5S12E18	ALMOND	8/8/06	G	180	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	45	GA	24000
5S11E28	ALMOND	8/9/06	G	40	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	6	GA	24000
6S11E3	ALMOND	8/10/06	G	20	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	60	QT	24000
6S11E13	ALMOND	8/10/06	G	45	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	12	GA	24000
6S11E14	CORN FOR/FOD	6/19/06	A	18	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	1.13	GA	43319
6S11E14	CORN FOR/FOD	6/19/06	A	39	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	2.44	GA	43319
6S11E14	CORN FOR/FOD	6/19/06	A	38	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	2.38	GA	43319
6S11E14	CORN FOR/FOD	6/19/06	A	26	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	1.63	GA	43319
6S11E13	CORN FOR/FOD	6/19/06	A	67	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	4.19	GA	43319
6S11E13	CORN FOR/FOD	6/27/06	A	40	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	2.5	GA	43319

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5S11E28	CORN FOR/FOD	7/3/06	G	26	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	1.6	GA	43319
5S11E28	CORN FOR/FOD	7/3/06	G	65	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	4.1	GA	43319
5S11E22	CORN FOR/FOD	7/12/06	G	10	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	85	FLOZ	43319
5S11E23	CORN FOR/FOD	7/12/06	G	80	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	680	FLOZ	43319
6S12E7	CORN FOR/FOD	8/1/06	A	17.29	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	1.05	GA	43319
6S12E7	CORN FOR/FOD	8/1/06	A	38.03	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	2.3	GA	43319
6S12E7	CORN FOR/FOD	8/1/06	A	20.66	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	1.25	GA	43319
5S12E18	CORN FOR/FOD	8/2/06	A	92.3	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	738.4	OZ	43319
5S11E23	ALMOND	6/1/06	G	29	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.91	GA	100000
6S11E1	ALMOND	6/1/06	G	18	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.56	GA	100000
6S11E1	ALMOND	6/1/06	G	6	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.19	GA	100000
6S12E6	ALMOND	6/1/06	G	18	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.56	GA	100000
6S11E11	ALMOND	6/1/06	G	13	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.41	GA	100000
6S11E11	ALMOND	6/1/06	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.31	GA	100000
6S11E12	ALMOND	6/1/06	G	12	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.38	GA	100000
5S11E24	ALMOND	6/5/06	G	37	707-174-AA	GOAL 1.6E HERBICIDE	OXYFLUORFEN	111	OZ	100000

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6S11E14	GRAPE WINE	6/6/06	G	13	62719-424-AA	GOAL 2XL	OXYFLUORFEN	3	PT	10000 0
5S11E27	ALMOND	6/7/06	G	5	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	20	OZ	10000 0
5S11E27	WALNUT	6/7/06	G	2.5	81391-1-AA-73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	10	OZ	10000 0
5S11E27	ALMOND	6/7/06	G	22	81391-1-AA-73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	88	OZ	10000 0
5S12E31	PEACH	6/7/06	G	40	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	40	PT	10000 0
6S11E14	GRAPE WINE	6/7/06	G	3	62719-424-AA	GOAL 2XL	OXYFLUORFEN	0.75	PT	10000 0
5S11E27	ALMOND	6/9/06	G	13	62719-447-ZA	GOALTENDER	OXYFLUORFEN	3.9	PT	10000 0
6S11E2	ALMOND	6/9/06	G	17.5	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	3.5	QT	10000 0
6S11E13	ALMOND	6/9/06	G	18	62719-424-AA	GOAL 2XL	OXYFLUORFEN	3.75	PT	10000 0
5S12E31	PEACH	6/10/06	G	6	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	6	PT	10000 0
5S11E36	ALMOND	6/11/06	G	7.5	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	72	OZ	10000 0
6S11E14	GRAPE WINE	6/12/06	G	16	62719-424-AA	GOAL 2XL	OXYFLUORFEN	3.25	PT	10000 0
6S11E13	GRAPE WINE	6/12/06	G	12	62719-424-AA	GOAL 2XL	OXYFLUORFEN	2.5	PT	10000 0
6S11E14	GRAPE WINE	6/15/06	G	11	62719-424-AA	GOAL 2XL	OXYFLUORFEN	2.75	PT	10000 0
6S11E14	ALMOND	6/16/06	G	4	62719-424-AA	GOAL 2XL	OXYFLUORFEN	2	PT	10000 0
6S11E14	ALMOND	6/16/06	G	12	62719-424-AA	GOAL 2XL	OXYFLUORFEN	4	PT	10000 0

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E27	WALNUT	6/19/06	G	8	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	3	QT	10000 0
5S12E31	PEACH	6/19/06	G	20	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	20	PT	10000 0
6S11E12	ALMOND	6/19/06	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1	QT	10000 0
5S11E27	WALNUT	6/20/06	G	6	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	3	QT	10000 0
5S12E31	ALMOND	6/20/06	G	23	62719-424-AA	GOAL 2XL	OXYFLUORFEN	23	QT	10000 0
6S11E11	ALMOND	6/20/06	G	108	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	4.3	GA	10000 0
6S11E3	ALMOND	6/22/06	G	27.5	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	5.5	QT	10000 0
6S11E12	ALMOND	6/22/06	G	10	62719-424-AA	GOAL 2XL	OXYFLUORFEN	64	OZ	10000 0
5S11E36	ALMOND	6/23/06	G	7.56	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	15.1	OZ	10000 0
6S11E1	ALMOND	6/23/06	G	9.13	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	9.95	OZ	10000 0
6S11E14	GRAPE WINE	6/23/06	G	21	62719-424-AA	GOAL 2XL	OXYFLUORFEN	5.5	PT	10000 0
5S11E27	ALMOND	6/24/06	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	3.5	QT	10000 0
5S11E27	ALMOND	6/25/06	G	3.3	81391-1-AA- 73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	13	OZ	10000 0
5S11E27	ALMOND	6/26/06	G	6	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1	QT	10000 0
5S11E36	ALMOND	6/26/06	G	35.04	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1.1	QT	10000 0
5S11E25	ALMOND	6/27/06	G	152	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	1216	OZ	10000 0

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S11E11	ALMOND	6/27/06	G	5	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1	QT	10000 0
5S11E22	CORN FOR/FOD	6/28/06	G	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	160	OZ	10000 0
5S11E23	CORN FOR/FOD	6/28/06	G	80	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	640	OZ	10000 0
5S11E26	ALMOND	6/29/06	G	37	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	296	OZ	10000 0
6S12E6	ALMOND	6/29/06	G	57.4	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1.87	QT	10000 0
6S11E13	ALMOND	7/1/06	G	26	62719-424-AA	GOAL 2XL	OXYFLUORFEN	12.09	PT	10000 0
5S11E27	WALNUT	7/3/06	G	6	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	24	OZ	10000 0
5S11E27	ALMOND	7/3/06	G	22	81391-1-AA-73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	88	OZ	10000 0
5S11E27	WALNUT	7/3/06	G	2.5	81391-1-AA-73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	10	OZ	10000 0
6S11E14	ALMOND	7/3/06	G	6.3	62719-424-AA	GOAL 2XL	OXYFLUORFEN	3	PT	10000 0
5S11E27	ALMOND	7/4/06	G	3	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	12	OZ	10000 0
6S12E6	ALMOND	7/4/06	G	9	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	4.5	PT	10000 0
6S11E12	ALMOND	7/4/06	G	6.5	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1	QT	10000 0
5S11E25	ALMOND	7/5/06	G	76	62719-424-AA	GOAL 2XL	OXYFLUORFEN	120	OZ	10000 0
5S11E25	ALMOND	7/5/06	G	39	62719-424-AA	GOAL 2XL	OXYFLUORFEN	60	OZ	10000 0
6S11E11	ALMOND	7/5/06	G	42	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1.25	GA	10000 0

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S12E7	ALMOND	7/6/06	G	45.01	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1.4	QT	10000 0
5S11E28	ALMOND	7/7/06	G	8.4	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	105	OZ	10000 0
5S11E35	ALMOND	7/7/06	G	44.92	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1.4	QT	10000 0
6S11E15	ALMOND	7/7/06	G	46	62719-424-AA	GOAL 2XL	OXYFLUORFEN	90	OZ	10000 0
5S11E22	ALMOND	7/11/06	G	42	62719-424-AA	GOAL 2XL	OXYFLUORFEN	42	PT	10000 0
5S11E26	ALMOND	7/11/06	G	30	62719-424-AA	GOAL 2XL	OXYFLUORFEN	30	PT	10000 0
5S11E23	ALMOND	7/12/06	G	100	62719-424-AA	GOAL 2XL	OXYFLUORFEN	100	PT	10000 0
5S11E27	ALMOND	7/13/06	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	3.5	QT	10000 0
5S11E36	ALMOND	7/14/06	G	10	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	2	QT	10000 0
6S11E11	ALMOND	7/14/06	G	42	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1.25	GA	10000 0
5S12E31	ALMOND	7/15/06	G	23	62719-424-AA	GOAL 2XL	OXYFLUORFEN	92	PT	10000 0
5S11E25	ALMOND	7/20/06	G	115	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	920	OZ	10000 0
5S11E26	ALMOND	7/21/06	G	35	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	280	OZ	10000 0
6S11E10	ALMOND	7/22/06	G	41	62719-424-AA	GOAL 2XL	OXYFLUORFEN	1.64	PT	10000 0
5S11E27	WALNUT	7/23/06	G	2.5	81391-1-AA- 73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	10	OZ	10000 0
5S11E27	ALMOND	7/23/06	G	22	81391-1-AA- 73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	88	OZ	10000 0

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E27	ALMOND	7/29/06	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	1	QT	10000 0
6S11E13	ALMOND	7/29/06	G	39	62719-424-AA	GOAL 2XL	OXYFLUORFEN	2.5	GA	10000 0
6S11E13	ALMOND	7/29/06	G	38	62719-424-AA	GOAL 2XL	OXYFLUORFEN	2.5	GA	10000 0
6S11E11	ALMOND	8/1/06	G	16.6	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	0.5	GA	10000 0
5S11E25	ALMOND	8/3/06	G	30	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	15	PT	10000 0
6S11E15	PEACH	6/1/06	G	29	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	87	OZ	18000 0
5S11E34	PEACH	7/1/06	G	3.6	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	10.8	OZ	18000 0
5S11E34	PEACH	7/1/06	G	2.32	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	6.96	OZ	18000 0
5S11E34	PEACH	7/1/06	G	5.6	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	16.8	OZ	18000 0
6S11E3	PEACH	7/1/06	G	3.57	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	10.71	OZ	18000 0
6S11E3	PEACH	7/1/06	G	4.31	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	12.93	OZ	18000 0
6S11E2	PEACH	7/1/06	G	3.69	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	11.07	OZ	18000 0
5S11E28	PEACH	7/2/06	G	26	100-1112-AA	WARRIOR INSECTICIDE	LAMBDA-CYHALOTHRIN	78	OZ	18000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
						WITH ZEON TECHNOLOGY				0
5S11E34	PEACH	7/2/06	G	5.66	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	16.98	OZ	18000 0
5S11E36	PEACH	7/2/06	G	16	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	48	OZ	18000 0
5S11E36	PEACH	7/2/06	G	13.24	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	39.72	OZ	18000 0
5S11E36	PEACH	7/2/06	G	13.9	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	41.7	OZ	18000 0
5S11E36	PEACH	7/2/06	G	2.84	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	8.52	OZ	18000 0
6S11E2	PEACH	7/2/06	G	12.19	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	36.57	OZ	18000 0
6S11E2	PEACH	7/2/06	G	6.62	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	19.86	OZ	18000 0
6S11E15	PEACH	7/7/06	G	29.6	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	0.69	GA	18000 0
6S11E10	ALMOND	7/27/06	A	41	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	0.96	GA	18000 0
6S11E3	WALNUT	8/4/06	G	31	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	124	OZ	18000 0

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E21	CORN FOR/FOD	7/17/06	A	40	70506-58-AA	BIFENTURE	BIFENTHRIN	2	GA	240000
5S11E21	CORN FOR/FOD	7/17/06	A	20	70506-58-AA	BIFENTURE	BIFENTHRIN	1	GA	240000
5S11E28	CORN FOR/FOD	7/17/06	A	8	70506-58-AA	BIFENTURE	BIFENTHRIN	0.4	GA	240000
5S11E28	CORN FOR/FOD	7/17/06	A	20	70506-58-AA	BIFENTURE	BIFENTHRIN	1	GA	240000
6S11E14	CORN FOR/FOD	7/17/06	A	38	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	1.46	GA	240000
6S11E14	CORN FOR/FOD	7/17/06	A	18	279-3114-AA	CAPTURE 2 EC-CAL	BIFENTHRIN	0.69	GA	240000
5S11E22	CORN FOR/FOD	7/19/06	G	75	70506-58-AA	BIFENTURE	BIFENTHRIN	480	FLOZ	240000
5S11E22	CORN FOR/FOD	7/20/06	G	25	70506-58-AA	BIFENTURE	BIFENTHRIN	160	FLOZ	240000
5S12E31	ALMOND	6/2/06	G	31.8	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	375	OZ	100000
5S12E31	ALMOND	6/3/06	G	31.6	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	375	OZ	100000
6S11E1	ALMOND	6/3/06	G	34	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	136	PT	100000
5S11E22	ALMOND	6/7/06	G	38	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	102	PT	100000
6S11E13	ALMOND	6/9/06	G	18	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	7.45	GA	100000
5S11E27	ALMOND	6/10/06	G	3.3	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	10	PT	100000
5S12E31	PEACH	6/10/06	G	6	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	16.2	PT	100000
5S12E31	PEACH	6/10/06	G	6.4	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	76	OZ	100000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S12E6	PEACH	6/10/06	G	5	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	60	OZ	10000 00
6S11E15	ALMOND	6/10/06	G	15	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	16.36	PT	10000 00
6S11E15	ALMOND	6/10/06	G	23	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	25.09	PT	10000 00
6S12E6	WALNUT	6/13/06	G	49.9	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	590	OZ	10000 00
5S11E26	ALMOND	6/15/06	G	40	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	3.4	GA	10000 00
6S11E12	PEACH	6/15/06	G	25	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	400	OZ	10000 00
6S11E14	ALMOND	6/16/06	G	4	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	1.75	GA	10000 00
6S11E11	ALMOND	6/17/06	G	10	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	0.5	GA	10000 00
5S11E34	ALMOND	6/19/06	G	18	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	5	GA	10000 00
5S12E31	PEACH	6/19/06	G	20	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	54	PT	10000 00
6S11E12	ALMOND	6/19/06	G	10	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	1.2	GA	10000 00
6S11E11	ALMOND	6/20/06	G	108	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	25.8	GA	10000 00
5S11E36	ALMOND	6/23/06	G	7.56	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	2.8	GA	10000 00
6S11E15	ALMOND	6/24/06	G	23	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	12	QT	10000 00
5S11E27	ALMOND	6/26/06	G	6	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	1	GA	10000 00
6S11E11	ALMOND	6/27/06	G	5	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	1	GA	10000 00

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S12E7	WALNUT	6/27/06	G	26	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	39	QT	10000 00
5S11E36	ALMOND	6/30/06	G	20	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	960	OZ	10000 00
6S11E3	ALMOND	6/30/06	G	20	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	960	OZ	10000 00
6S11E14	GRAPE WINE	6/30/06	G	3	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	1.5	GA	10000 00
5S11E26	ALMOND	7/11/06	G	30	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	60	QT	10000 00
5S12E31	ALMOND	7/12/06	G	31.8	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	378	OZ	10000 00
5S12E31	ALMOND	7/14/06	G	31.6	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	375	OZ	10000 00
6S11E2	ALMOND	7/14/06	G	18	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	864	OZ	10000 00
5S12E31	ALMOND	7/15/06	G	23	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	40	PT	10000 00
5S12E31	ALMOND	7/15/06	G	23	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	35.1	PT	10000 00
5S11E26	ALMOND	7/16/06	G	35	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	105	PT	10000 00
6S11E10	ALMOND	7/22/06	G	41	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	1.64	PT	10000 00
5S11E27	ALMOND	7/29/06	G	10	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	1.5	GA	10000 00
6S11E12	ALMOND	7/29/06	G	40	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	160	PT	10000 00
5S11E26	ALMOND	8/5/06	G	17	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	68	PT	10000 00
5S11E25	ALMOND	8/5/06	G	60	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	21.82	QT	10000 00

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S11E2	ALMOND	8/5/06	G	65	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	100	PT	10000 00
6S11E15	ALMOND	8/5/06	G	15	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	16.36	PT	10000 00
6S11E12	ALMOND	8/6/06	G	12.5	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	1	GA	10000 00

Table 44. Pesticide applications upstream of the Highline Canal @ Hwy 99 sampling site with Koc values ≥ 1800 – irrigation 4 (8/20/06) (Stanislaus County data)

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E16	ALMOND	7/25/2006	G	106	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	1357	OZ	1600
4S11E3	ALMOND	6/5/2006	G	38	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	456	OZ	1600
4S11E3	ALMOND	6/6/2006	G	86	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	1032	OZ	1600
4S12E2	ALMOND	6/8/2006	G	75	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	750	OZ	1600
4S12E3	ALMOND	6/9/2006	G	52	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	520	OZ	1600
4S12E30	ALMOND	6/2/2006	G	188	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	129	PT	1600
4S12E4	ALMOND	6/9/2006	G	40	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	512	OZ	1600
4S12E4	ALMOND	6/9/2006	G	41	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	631	OZ	1600
3S12E34	OP-DEC. TREE	6/26/2006	G	10	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	0	GA	1805
3S12E34	OP-DEC. TREE	6/26/2006	G	11	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	0	GA	1805
4S11E15	OP-DEC. TREE	6/22/2006	G	24	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805
4S11E15	OP-DEC. TREE	6/22/2006	G	33	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805
4S11E15	OP-DEC. TREE	6/26/2006	G	40	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E15	OP-DEC. TREE	6/26/2006	G	34	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805
4S11E15	OP-DEC. TREE	6/26/2006	G	24	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805
4S11E15	OP-DEC. TREE	6/27/2006	G	34	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805
4S11E15	OP-DEC. TREE	6/29/2006	G	34	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805
4S11E15	OP-DEC. TREE	6/29/2006	G	40	1021-1511-ZA	EXPONENT INSECTICIDE SYNE	PIPERONYL BUTOXIDE	1	GA	1805
3S12E28	WALNUT	6/12/2006	G	70	352-655-AA	MANEX	MANEB	4060	OZ	2000
3S12E33	WALNUT	6/14/2006	G	136	352-655-AA	MANEX	MANEB	7888	OZ	2000
4S12E32	ALMOND	7/6/2006	G	378	12455-50003-AA	P.C.Q. PELLETTED RODENT BA	DIPHACINONE	1890	LB	3620
3S11E36	WALNUT	7/13/2006	G	8	400-427-AA	OMITE-30WS	PROPARGITE	50	LB	4000
3S11E36	WALNUT	7/14/2006	G	16	400-427-AA	OMITE-30WS	PROPARGITE	100	LB	4000
3S11E36	WALNUT	7/14/2006	G	4	400-427-AA	OMITE-30WS	PROPARGITE	25	LB	4000
3S11E36	WALNUT	7/30/2006	G	18	400-427-AA	OMITE-30WS	PROPARGITE	144	LB	4000
3S11E36	ALMOND	8/10/2006	G	9	400-89-AA	OMITE-6E	PROPARGITE	17	PT	4000
3S12E34	ALMOND	7/20/2006	A	80	400-89-AA	OMITE-6E	PROPARGITE	240	PT	4000
3S12E35	CORN FOR/FOD	7/12/2006	A	102	400-104-ZA	COMITE	PROPARGITE	204	PT	4000
3S12E35	CORN FOR/FOD	7/27/2006	A	40	400-104-ZA	COMITE	PROPARGITE	80	PT	4000
3S12E35	CORN FOR/FOD	7/27/2006	A	85	400-104-ZA	COMITE	PROPARGITE	170	PT	4000
4S11E14	ALMOND	7/21/2006	G	100	400-89-AA	OMITE-6E	PROPARGITE	40	GA	4000
4S11E23	ALMOND	7/20/2006	G	200	400-427-AA	OMITE-30WS	PROPARGITE	1600	LB	4000
4S11E25	ALMOND	7/20/2006	G	170	400-89-AA	OMITE-6E	PROPARGITE	340	PT	4000
4S11E27	CORN FOR/FOD	6/14/2006	G	170	400-104-ZA	COMITE	PROPARGITE	43	GA	4000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E27	CORN FOR/FOD	6/26/2006	G	114	400-104-ZA	COMITE	PROPARGITE	29	GA	4000
4S11E33	CORN FOR/FOD	7/15/2006	G	102	400-104-ZA	COMITE	PROPARGITE	26	GA	4000
4S11E34	CORN FOR/FOD	7/15/2006	G	81	400-104-ZA	COMITE	PROPARGITE	20	GA	4000
4S11E34	CORN FOR/FOD	8/1/2006	G	12	400-104-ZA	COMITE	PROPARGITE	24	PT	4000
4S11E34	CORN FOR/FOD	8/1/2006	G	78	400-104-ZA	COMITE	PROPARGITE	156	PT	4000
4S11E34	CORN FOR/FOD	8/1/2006	G	30	400-104-ZA	COMITE	PROPARGITE	60	PT	4000
4S11E35	CORN FOR/FOD	8/3/2006	G	3	400-104-ZA	COMITE	PROPARGITE	6	PT	4000
4S11E35	CORN FOR/FOD	8/3/2006	G	64	400-104-ZA	COMITE	PROPARGITE	128	PT	4000
4S11E35	CORN FOR/FOD	8/3/2006	G	59	400-104-ZA	COMITE	PROPARGITE	118	PT	4000
4S12E11	ALMOND	7/17/2006	G	70	400-89-AA	OMITE-6E	PROPARGITE	140	PT	4000
4S12E31	ALMOND	8/7/2006	G	40	400-89-AA	OMITE-6E	PROPARGITE	2040	OZ	4000
4S12E31	ALMOND	8/9/2006	G	25	400-89-AA	OMITE-6E	PROPARGITE	1275	OZ	4000
4S12E32	ALMOND	8/3/2006	G	93	400-89-AA	OMITE-6E	PROPARGITE	4743	OZ	4000
4S12E4	CHERRY	8/5/2006	G	18	400-427-AA	OMITE-30WS	PROPARGITE	6	LB	4000
5S11E14	ALMOND	7/7/2006	A	100	400-427-AA	OMITE-30WS	PROPARGITE	500	LB	4000
5S11E14	ALMOND	7/7/2006	A	156	400-427-AA	OMITE-30WS	PROPARGITE	780	LB	4000
5S11E3	ALMOND	8/3/2006	G	20	400-82-AA	OMITE-30W	PROPARGITE	25	LB	4000
5S12E5	ALMOND	8/9/2006	G	100	400-427-AA	OMITE-30WS	PROPARGITE	525	LB	4000
3S11E25	ALMOND	6/2/2006	G	100	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	100	LB	5000
3S11E25	ALMOND	7/21/2006	G	200	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	200	LB	5000
3S11E25	ALMOND	6/20/2006	G	28	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	280	OZ	5000

East San Joaquin
Water Quality Coalition

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TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
3S11E34	ALMOND	6/15/2006	G	46	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	460	OZ	5000
3S11E34	ALMOND	6/21/2006	G	40	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	400	OZ	5000
3S11E36	ALMOND	6/15/2006	G	27	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	270	OZ	5000
3S11E36	ALMOND	7/18/2006	G	29	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 E	ABAMECTIN	290	OZ	5000
3S12E28	ALMOND	7/23/2006	G	70	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 E	ABAMECTIN	560	OZ	5000
3S12E33	OP-DEC. TREE	6/3/2006	G	35	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	408	OZ	5000
3S12E33	ALMOND	6/8/2006	G	10	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	128	OZ	5000
3S12E33	ALMOND	7/23/2006	G	98	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 E	ABAMECTIN	784	OZ	5000
3S12E34	OP-DEC. TREE	6/3/2006	G	9	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	108	OZ	5000
3S12E34	OP-DEC. TREE	6/14/2006	G	10	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	120	OZ	5000
3S12E34	OP-DEC. TREE	6/14/2006	G	25	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	300	OZ	5000
3S12E34	OP-DEC. TREE	6/14/2006	G	15	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	24	OZ	5000
3S12E34	OP-DEC. TREE	6/14/2006	G	11	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	132	OZ	5000
3S12E34	OP-DEC. TREE	6/14/2006	G	3	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	39	OZ	5000
3S12E34	OP-DEC. TREE	6/14/2006	G	9	100-896-AA	AVID 0.15EC MITICIDE/INSE	ABAMECTIN	102	OZ	5000
3S12E34	ALMOND	6/3/2006	G	15	100-898-AA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	1	GA	5000
3S12E34	APPLE	6/29/2006	G	5	100-898-AA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	0	GA	5000
4S11E11	ALMOND	7/10/2006	G	114	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	1	LB	5000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E12	ALMOND	8/3/2006	G	600	10965-50068-AA	CLINCH ANT BAIT	ABAMECTIN	300	LB	5000
4S11E13	ALMOND	7/1/2006	G	200	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 E	ABAMECTIN	2000	OZ	5000
4S11E16	ALMOND	7/22/2006	G	20	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	20	LB	5000
4S11E2	ALMOND	6/15/2006	G	73	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	730	OZ	5000
4S11E21	ALMOND	7/18/2006	G	471	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	706	LB	5000
4S11E24	ALMOND	6/30/2006	G	80	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 E	ABAMECTIN	800	OZ	5000
4S11E25	ALMOND	7/21/2006	G	260	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	260	LB	5000
4S11E25	ALMOND	8/1/2006	G	420	10965-50068-AA	CLINCH ANT BAIT	ABAMECTIN	210	LB	5000
4S11E26	ALMOND	8/7/2006	G	115	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	1	LB	5000
4S11E26	ALMOND	8/8/2006	G	182	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	1	LB	5000
4S11E26	ALMOND	8/9/2006	G	145	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	1	LB	5000
4S11E28	ALMOND	7/20/2006	G	125	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	188	LB	5000
4S11E3	ALMOND	6/6/2006	G	20	100-898-AA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	200	OZ	5000
4S11E3	ALMOND	6/20/2006	G	20	100-898-AA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	2	GA	5000
4S11E3	PUMPKIN	7/28/2006	G	4	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	60	OZ	5000
4S11E3	MELON	7/28/2006	G	5	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	60	OZ	5000
4S11E34	ALMOND	7/6/2006	G	158	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	1	LB	5000
4S11E34	ALMOND	8/10/2006	G	158	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	163	LB	5000
4S12E16	ALMOND	7/11/2006	G	255	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	255	LB	5000
4S12E2	ALMOND	6/8/2006	G	75	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/	ABAMECTIN	750	OZ	5000
4S12E2	ALMOND	7/22/2006	G	52	72167-43-AA-66222	ABBA 0.15 EC	ABAMECTIN	256	OZ	5000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S12E20	ALMOND	7/11/2006	G	300	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	300	LB	5000
4S12E21	ALMOND	7/11/2006	G	500	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	500	LB	5000
4S12E3	ALMOND	6/9/2006	G	52	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/	ABAMECTIN	520	OZ	5000
4S12E30	ALMOND	7/21/2006	G	200	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	200	LB	5000
4S12E32	ALMOND	7/6/2006	G	378	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	378	LB	5000
4S12E4	ALMOND	6/9/2006	G	41	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	410	OZ	5000
4S12E4	ALMOND	6/9/2006	G	40	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	400	OZ	5000
4S12E8	ALMOND	7/11/2006	G	640	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	640	LB	5000
5S11E1	ALMOND	7/11/2006	G	240	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	2400	OZ	5000
5S11E1	ALMOND	7/12/2006	G	190	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	1900	OZ	5000
5S11E1	ALMOND	7/26/2006	G	60	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE	ABAMECTIN	600	OZ	5000
5S11E10	ALMOND	7/17/2006	G	95	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	95	LB	5000
5S11E10	ALMOND	6/13/2006	G	70	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 E	ABAMECTIN	896	OZ	5000
5S11E11	ALMOND	7/11/2006	G	105	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 E	ABAMECTIN	1344	OZ	5000
5S11E14	ALMOND	7/8/2006	G	150	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	150	LB	5000
5S11E3	ALMOND	6/6/2006	G	137	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/	ABAMECTIN	11	GA	5000
5S11E9	ALMOND	7/6/2006	G	50	100-894-AA	CLINCH ANT BAIT	ABAMECTIN	1	LB	5000
5S12E5	ALMOND	7/25/2006	G	100	241-337-AA	PROWL 3.3 EC HERBICIDE	PENDIMETHALIN	22	GA	5000
5S12E7	ALMOND	7/12/2006	G	626	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	626	LB	5000
3S11E35	WALNUT	7/19/2006	G	15	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	90	PT	5100
3S11E35	WALNUT	7/19/2006	G	15	4581-393-AA	PENNCAP-M	METHYL PARATHION,	90	PT	5100

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
						MICROENCAPSULAT	OTHER RELA			
3S11E36	WALNUT	6/30/2006	G	55	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	385	PT	5100
3S11E36	WALNUT	6/30/2006	G	15	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	105	PT	5100
3S11E36	WALNUT	7/9/2006	G	20	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	120	PT	5100
3S11E36	WALNUT	7/9/2006	G	56	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	336	PT	5100
3S11E36	WALNUT	7/9/2006	G	25	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	150	PT	5100
3S11E36	WALNUT	6/30/2006	G	15	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	105	PT	5100
3S11E36	WALNUT	6/30/2006	G	55	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	385	PT	5100
3S11E36	WALNUT	7/9/2006	G	25	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	150	PT	5100
3S11E36	WALNUT	7/9/2006	G	56	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	336	PT	5100
3S11E36	WALNUT	7/9/2006	G	20	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	120	PT	5100
3S12E30	WALNUT	6/30/2006	G	160	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	1120	PT	5100
3S12E30	WALNUT	6/30/2006	G	160	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	1120	PT	5100
3S12E31	WALNUT	6/28/2006	G	80	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	80	GA	5100
3S12E31	WALNUT	8/4/2006	G	90	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	90	GA	5100
3S12E31	WALNUT	8/4/2006	G	80	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	80	GA	5100
3S12E31	WALNUT	6/28/2006	G	80	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	80	GA	5100
3S12E31	WALNUT	8/4/2006	G	90	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	90	GA	5100

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
3S12E31	WALNUT	8/4/2006	G	80	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	80	GA	5100
3S12E32	WALNUT	6/25/2006	G	60	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION	360	PT	5100
3S12E32	WALNUT	6/25/2006	G	60	4581-393-AA	PENNCAP-M MICROENCAPSULAT	METHYL PARATHION, OTHER RELA	360	PT	5100
3S11E25	WALNUT	7/1/2006	G	30	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	180	OZ	5300
3S11E25	ALMOND	7/11/2006	G	100	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	960	OZ	5300
3S11E25	ALMOND	7/17/2006	G	28	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	266	OZ	5300
3S11E25	ALMOND	7/27/2006	G	28	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	266	OZ	5300
3S11E25	ALMOND	7/30/2006	G	45	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3	GA	5300
3S11E34	ALMOND	7/21/2006	G	40	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	380	OZ	5300
3S11E34	ALMOND	8/1/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	190	OZ	5300
3S11E35	WALNUT	7/19/2006	G	15	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	90	OZ	5300
3S11E35	ALMOND	7/25/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	192	OZ	5300
3S11E35	ALMOND	7/25/2006	G	35	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	336	OZ	5300
3S11E36	WALNUT	6/15/2006	G	18	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	144	OZ	5300
3S11E36	WALNUT	7/9/2006	G	56	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	336	OZ	5300
3S11E36	WALNUT	7/9/2006	G	25	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	150	OZ	5300
3S11E36	WALNUT	7/9/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	120	OZ	5300
3S11E36	ALMOND	7/18/2006	G	29	352-515-AA	DU PONT ASANA XL	ESFENVALERATE	278	OZ	5300

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
						INSECTIC				
3S11E36	ALMOND	7/25/2006	G	40	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	384	OZ	5300
3S11E36	WALNUT	7/30/2006	G	18	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	173	OZ	5300
3S12E32	WALNUT	6/25/2006	G	60	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	192	OZ	5300
3S12E32	ALMOND	7/20/2006	G	22	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	211	OZ	5300
3S12E32	ALMOND	7/20/2006	G	23	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	221	OZ	5300
3S12E32	ALMOND	7/20/2006	G	21	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	202	OZ	5300
3S12E32	ALMOND	8/4/2006	G	21	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	202	OZ	5300
3S12E33	ALMOND	7/20/2006	G	45	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	576	OZ	5300
3S12E34	APPLE	6/29/2006	G	5	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	32	OZ	5300
4S11E14	ALMOND	7/13/2006	G	40	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	512	OZ	5300
4S11E23	ALMOND	6/30/2006	G	171	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	1408	OZ	5300
4S11E23	ALMOND	7/7/2006	G	395	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	5056	OZ	5300
4S11E23	ALMOND	7/15/2006	G	130	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	1664	GA	5300
4S11E24	ALMOND	6/29/2006	G	175	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	2240	OZ	5300
4S11E24	ALMOND	6/30/2006	G	110	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	1408	OZ	5300
4S11E24	ALMOND	7/6/2006	G	175	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	2240	OZ	5300
4S11E24	ALMOND	7/14/2006	G	180	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	2304	OZ	5300

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E28	WALNUT	6/28/2006	G	35	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	350	OZ	5300
4S11E3	ALMOND	6/20/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3	GA	5300
4S11E3	PEACH PROCESSNG	7/7/2006	G	27	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	216	OZ	5300
4S11E3	PEACH PROCESSNG	7/8/2006	G	30	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	240	OZ	5300
4S11E3	ALMOND	7/20/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3	GA	5300
4S11E3	ALMOND	7/25/2006	G	40	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3	GA	5300
4S11E3	ALMOND	7/26/2006	G	10	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	96	OZ	5300
4S11E3	MELON	7/28/2006	G	5	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	48	OZ	5300
4S11E3	PUMPKIN	7/28/2006	G	4	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	48	OZ	5300
4S11E3	ALMOND	7/31/2006	G	23	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	220	OZ	5300
4S11E3	ALMOND	8/1/2006	G	23	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	220	OZ	5300
4S11E3	ALMOND	8/1/2006	G	16	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	153	OZ	5300
4S11E33	PEACH	6/2/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	200	OZ	5300
4S11E33	PEACH	7/25/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	160	OZ	5300
4S12E11	ALMOND	7/17/2006	G	70	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	672	OZ	5300
4S12E30	WALNUT	7/29/2006	G	35	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3	GA	5300
4S12E30	WALNUT	8/2/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3	GA	5300
4S12E31	WALNUT	6/26/2006	G	38	352-515-AA	DU PONT ASANA XL	ESFENVALERATE	380	OZ	5300

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
						INSECTIC				
4S12E31	WALNUT	6/26/2006	G	39	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	390	OZ	5300
4S12E5	ALMOND	7/25/2006	G	40	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	384	OZ	5300
5S11E1	ALMOND	6/28/2006	G	300	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3840	OZ	5300
5S11E1	ALMOND	6/29/2006	G	240	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3072	OZ	5300
5S11E1	ALMOND	7/11/2006	G	240	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	3072	OZ	5300
5S11E1	ALMOND	7/12/2006	G	190	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	2432	OZ	5300
5S11E1	ALMOND	7/26/2006	G	60	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	768	OZ	5300
5S11E10	CORN FOR/FOD	7/21/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	1	GA	5300
5S11E16	CORN FOR/FOD	6/30/2006	G	120	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	8	GA	5300
5S11E16	CORN FOR/FOD	7/21/2006	G	140	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	7	GA	5300
4S12E17	ALMOND	6/13/2006	G	500	100-1070-AA	FUSILADE DX HERBICIDE	FLUAZIFOP-P-BUTYL	5714	OZ	5700
4S12E18	ALMOND	6/13/2006	G	400	100-1070-AA	FUSILADE DX HERBICIDE	FLUAZIFOP-P-BUTYL	4571	OZ	5700
4S12E7	ALMOND	6/22/2006	G	640	100-1070-AA	FUSILADE DX HERBICIDE	FLUAZIFOP-P-BUTYL	7314	OZ	5700
4S12E8	ALMOND	6/13/2006	G	640	100-1070-AA	FUSILADE DX HERBICIDE	FLUAZIFOP-P-BUTYL	7314	OZ	5700
3S11E25	WALNUT	7/1/2006	G	30	62719-23-AA	LORSBAN 4E INSECTICIDE	CHLORPYRIFOS	60	QT	6070
3S11E36	WALNUT	7/13/2006	G	8	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	32	PT	6070
3S11E36	WALNUT	7/14/2006	G	16	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	64	PT	6070
3S11E36	WALNUT	7/14/2006	G	4	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	16	PT	6070
3S11E36	WALNUT	6/15/2006	G	18	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	72	PT	6070

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
3S11E36	WALNUT	7/2/2006	G	16	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	32	QT	6070
3S11E36	WALNUT	7/2/2006	G	30	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	60	QT	6070
3S11E36	WALNUT	7/2/2006	G	32	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	64	QT	6070
3S12E28	WALNUT	6/23/2006	G	35	66222-19-AA	CHLORPYRIFOS 4E AG	CHLORPYRIFOS	2240	OZ	6070
3S12E31	WALNUT	6/2/2006	G	80	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	40	GA	6070
3S12E31	WALNUT	6/2/2006	G	90	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	45	GA	6070
3S12E33	ALMOND	8/9/2006	G	98	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	1829	OZ	6070
3S12E33	WALNUT	6/24/2006	G	68	66222-19-AA	CHLORPYRIFOS 4E AG	CHLORPYRIFOS	4352	OZ	6070
3S12E33	WALNUT	8/8/2006	G	68	66222-19-AA	CHLORPYRIFOS 4E AG	CHLORPYRIFOS	272	PT	6070
3S12E34	ALMOND	7/20/2006	A	80	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	160	QT	6070
3S12E35	CORN FOR/FOD	8/10/2006	G	2	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	3	OZ	6070
3S12E35	CORN FOR/FOD	8/10/2006	G	30	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	48	OZ	6070
3S12E35	CORN FOR/FOD	8/10/2006	G	8	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	13	OZ	6070
3S12E35	CORN FOR/FOD	8/10/2006	G	40	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	64	OZ	6070
3S12E35	WALNUT	7/7/2006	G	15	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	60	PT	6070
4S11E13	ALMOND	7/22/2006	G	200	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	400	PT	6070
4S11E14	ALMOND	7/21/2006	G	100	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	50	GA	6070
4S11E2	CORN FOR/FOD	7/24/2006	A	186	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	279	PT	6070
4S11E23	ALMOND	6/24/2006	G	1	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	1	GA	6070
4S11E25	ALMOND	7/20/2006	G	40	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	20	GA	6070
4S11E27	CORN FOR/FOD	7/12/2006	A	307	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	614	PT	6070
4S11E3	CORN FOR/FOD	7/24/2006	A	28	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	42	PT	6070

East San Joaquin
Water Quality Coalition

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TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E3	ALMOND	8/5/2006	G	31	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	579	OZ	6070
4S12E16	ALMOND	7/28/2006	G	255	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	1020	PT	6070
4S12E20	ALMOND	7/28/2006	G	300	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	1200	PT	6070
4S12E21	ALMOND	7/28/2006	G	500	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	2000	PT	6070
4S12E8	ALMOND	7/28/2006	G	640	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	2560	PT	6070
5S11E1	ALMOND	6/2/2006	G	480	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	960	PT	6070
5S11E1	ALMOND	6/2/2006	G	580	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	1160	PT	6070
5S11E1	ALMOND	8/3/2006	G	240	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	210	PT	6070
5S11E1	ALMOND	8/4/2006	G	380	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	332	PT	6070
5S11E1	ALMOND	8/9/2006	G	240	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	210	PT	6070
5S11E10	CORN FOR/FOD	8/2/2006	G	20	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	4	GA	6070
5S11E10	ALMOND	7/29/2006	G	70	66222-19-AA	CHLORPYRIFOS 4E AG	CHLORPYRIFOS	4480	OZ	6070
5S11E15	CORN FOR/FOD	8/2/2006	G	100	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	19	GA	6070
5S11E16	CORN FOR/FOD	8/2/2006	G	140	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	26	GA	6070
5S12E7	ALMOND	7/29/2006	G	626	62719-220-AA-55467	GOVERN 4E INSECTICIDE	CHLORPYRIFOS	40064	OZ	6070
3S11E36	WALNUT	6/30/2006	G	15	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	288	OZ	6200
3S11E36	WALNUT	6/30/2006	G	55	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	1056	OZ	6200
3S12E30	WALNUT	6/30/2006	G	160	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	3072	OZ	6200
4S11E3	ALMOND	7/17/2006	G	38	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	760	OZ	6200
4S11E3	ALMOND	7/20/2006	G	77	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	1540	OZ	6200
4S12E16	ALMOND	8/2/2006	G	255	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	4896	OZ	6200
4S12E20	ALMOND	8/2/2006	G	300	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	5760	OZ	6200
4S12E21	ALMOND	8/2/2006	G	500	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	9600	OZ	6200

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S12E8	ALMOND	8/2/2006	G	640	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	12288	OZ	6200
5S12E7	ALMOND	7/21/2006	G	626	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	12019	OZ	6200
4S11E11	ALMOND	7/10/2006	G	114	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
4S11E16	ALMOND	7/29/2006	G	20	34704-792-AA	CLEAN CROP TRIFLURALIN HF	TRIFLURALIN	20	QT	8000
4S11E23	ALMOND	6/30/2006	G	171	62719-250-AA	TREFLAN HFP	TRIFLURALIN	342	PT	8000
4S11E24	ALMOND	6/30/2006	G	171	62719-250-AA	TREFLAN HFP	TRIFLURALIN	342	PT	8000
4S11E26	ALMOND	7/14/2006	G	115	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
4S11E26	ALMOND	7/14/2006	G	145	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
4S11E26	ALMOND	7/14/2006	G	180	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
4S11E26	ALMOND	8/2/2006	G	180	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
4S11E26	ALMOND	8/2/2006	G	145	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
4S11E34	ALMOND	7/14/2006	G	158	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
4S11E34	ALMOND	8/2/2006	G	158	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	1	PT	8000
5S11E2	ALMOND	7/6/2006	G	573	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	573	PT	8000
5S11E2	ALMOND	7/11/2006	G	180	67959-4-AA	TRILIN HERBICIDE	TRIFLURALIN	180	PT	8000
3S12E32	WALNUT	6/25/2006	G	60	66222-65-AA	APOLLO 42% OVICIDE/MITICI	CLOFENTEZINE	192	OZ	11000
4S11E3	PEACH PROCESSNG	7/1/2006	G	10	66222-65-AA	APOLLO 42% OVICIDE/MITICI	CLOFENTEZINE	40	OZ	11000
5S12E6	ALMOND	7/15/2006	G	8	66222-65-AA	APOLLO 42% OVICIDE/MITICI	CLOFENTEZINE	64	OZ	11000
4S11E12	ALMOND	8/4/2006	G	600	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	750	LB	11600
4S11E16	ALMOND	7/15/2006	G	404	59639-95-AA	KNACK INSECT GROWTH REGUL	PYRIPROXYFEN	606	LB	11600
4S11E23	ALMOND	6/30/2006	G	171	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	600	LB	11600
4S11E24	ALMOND	6/27/2006	G	390	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	585	LB	11600
4S11E25	ALMOND	8/1/2006	G	420	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	525	LB	11600

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
5S11E2	ALMOND	6/28/2006	G	573	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	860	LB	11600
5S11E2	ALMOND	6/28/2006	G	200	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	300	LB	11600
4S11E16	ALMOND	7/31/2006	G	106	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	318	OZ	16000
5S11E5	GRAPE	6/10/2006	G	6	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	60	OZ	16000
5S11E5	GRAPE, WINE	7/10/2006	G	6	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	60	OZ	16000
3S11E25	ALMOND	7/1/2006	G	48	2724-475-AA	EXTINGUISH PROFESSIONAL F	S-METHOPRENE	50	LB	23000
3S11E25	ALMOND	8/3/2006	G	100	2724-475-ZA	EXTINGUISH PROFESSIONAL F	S-METHOPRENE	150	LB	23000
3S11E25	ALMOND	6/15/2006	G	200	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	240	PT	24000
3S11E25	ALMOND	7/28/2006	G	200	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	700	PT	24000
3S11E25	ALMOND	7/30/2006	G	20	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE S	20	GA	24000
3S11E25	ALMOND	7/13/2006	G	100	524-445-ZA-55467	BUCCANEER GLYPHOSATE HERB	GLYPHOSATE, ISOPROPYLAMINE S	300	PT	24000
3S11E25	ALMOND	6/26/2006	G	18	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	54	PT	24000
3S11E25	WALNUT	6/26/2006	G	18	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	54	PT	24000
3S11E25	WALNUT	7/6/2006	G	18	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	54	PT	24000
3S11E25	ALMOND	7/6/2006	G	18	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	54	PT	24000
3S11E34	ALMOND	6/22/2006	G	25	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	75	PT	24000
3S11E34	ALMOND	7/5/2006	G	25	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	75	PT	24000
3S11E34	N-OUTDR PLANTS	7/15/2006	G	2	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2	QT	24000
3S11E34	N-OUTDR PLANTS	8/5/2006	G	2	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2	QT	24000
3S11E36	ALMOND	7/21/2006	G	20	4787-31-AA-	GLY-4 HERBICIDE	GLYPHOSATE,	8	GA	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
					72693		ISOPROPYLAMINE S			
3S11E36	WALNUT	7/25/2006	G	32	4787-31-AA-72693	GLY-4 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	10	GA	24000
3S11E36	ALMOND	6/20/2006	G	29	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	93	PT	24000
3S11E36	ALMOND	8/10/2006	G	29	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	93	PT	24000
3S11E36	ALMOND	7/28/2006	G	36	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	72	PT	24000
3S12E28	WALNUT	6/15/2006	G	70	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	105	PT	24000
3S12E28	WALNUT	6/23/2006	G	35	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	740	PT	24000
3S12E32	ALMOND	7/31/2006	G	23	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	10	GA	24000
3S12E33	ALMOND	6/2/2006	G	98	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	147	PT	24000
3S12E33	WALNUT	6/20/2006	G	136	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	204	PT	24000
3S12E33	ALMOND	7/6/2006	G	45	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	135	PT	24000
3S12E33	CHESTNUT	7/6/2006	G	15	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	45	PT	24000
3S12E33	ALMOND	8/9/2006	G	98	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	172	PT	24000
4S11E1	ALMOND	8/8/2006	G	40	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	80	PT	24000
4S11E1	ALMOND	8/8/2006	G	260	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	520	PT	24000
4S11E11	CORN FOR/FOD	7/20/2006	G	18	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE S	5	GA	24000
4S11E12	ALMOND	8/10/2006	G	600	4787-31-AA-72693	GLY-4 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	300	GA	24000
4S11E13	ALMOND	7/22/2006	G	200	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	600	PT	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E16	ALMOND	6/9/2006	G	50	4787-31-AA	GLYFOS HERBICIDE	GLYPHOSATE	19	GA	24000
4S11E16	ALMOND	6/15/2006	G	4	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	3	QT	24000
4S11E16	ALMOND	7/13/2006	G	202	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	202	QT	24000
4S11E16	ALMOND	6/17/2006	G	8	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	13	PT	24000
4S11E16	ALMOND	7/15/2006	G	8	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	8	PT	24000
4S11E16	ALMOND	8/9/2006	G	4	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	8	PT	24000
4S11E2	ALMOND	7/15/2006	G	6	4787-31-AA-72693	GLY-4 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	2	GA	24000
4S11E21	ALMOND	6/23/2006	G	60	4787-31-AA	GLYFOS HERBICIDE	GLYPHOSATE	23	GA	24000
4S11E21	ALMOND	6/15/2006	G	6	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	6	QT	24000
4S11E21	ALMOND	6/16/2006	G	12	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	12	QT	24000
4S11E21	ALMOND	7/21/2006	G	235	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	235	QT	24000
4S11E22	CORN FOR/FOD	6/15/2006	G	214	4787-31-AA	GLYFOS HERBICIDE	GLYPHOSATE	428	PT	24000
4S11E22	CORN FOR/FOD	6/15/2006	G	205	4787-31-AA-72693	GLY-4 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	2	PT	24000
4S11E23	ALMOND	6/10/2006	G	47	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	141	PT	24000
4S11E23	ALMOND	7/23/2006	G	26	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	141	PT	24000
4S11E24	ALMOND	6/10/2006	G	46	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	138	PT	24000
4S11E24	ALMOND	7/23/2006	G	26	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	52	PT	24000
4S11E25	ALMOND	6/2/2006	G	25	4787-31-AA-72693	GLY-4 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	6	GA	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E26	ALMOND	6/7/2006	G	60	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	19	GA	24000
4S11E26	ALMOND	8/8/2006	G	145	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	2	PT	24000
4S11E26	ALMOND	8/9/2006	G	115	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	2	PT	24000
4S11E28	ALMOND	6/30/2006	G	15	4787-31-AA	GLYFOS HERBICIDE	GLYPHOSATE	6	GA	24000
4S11E28	ALMOND	7/7/2006	G	62	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	62	QT	24000
4S11E28	WALNUT	6/1/2006	G	35	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	419	OZ	24000
4S11E28	ALMOND	8/1/2006	G	304	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	4864	OZ	24000
4S11E28	WALNUT	8/5/2006	G	35	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	560	OZ	24000
4S11E3	ALMOND	7/22/2006	G	27	4787-31-AA	GLYFOS HERBICIDE	GLYPHOSATE	41	QT	24000
4S11E3	ALMOND	7/6/2006	G	23	524-445-AA-71368	NUFARM CREDIT HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	1	GA	24000
4S11E3	ALMOND	7/17/2006	G	23	524-445-AA-71368	NUFARM CREDIT HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	1	GA	24000
4S11E3	ALMOND	8/6/2006	G	11	524-454-AA	MON-52249 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	5	GA	24000
4S11E3	ALMOND	7/11/2006	G	4	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	2	GA	24000
4S11E3	ALMOND	8/5/2006	G	31	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	54	PT	24000
4S11E3	ALMOND	6/19/2006	G	38	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	1216	OZ	24000
4S11E3	ALMOND	6/22/2006	G	86	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	2752	OZ	24000
4S11E3	PEACH PROCESSNG	6/23/2006	G	12	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	384	OZ	24000
4S11E3	ALMOND	7/6/2006	G	16	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	1	GA	24000
4S11E3	ALMOND	8/1/2006	G	20	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	12	GA	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E33	CORN FOR/FOD	8/3/2006	G	10	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	3	GA	24000
4S11E33	CORN FOR/FOD	8/3/2006	G	50	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	13	GA	24000
4S11E33	CORN FOR/FOD	7/14/2006	G	130	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	4160	OZ	24000
4S11E33	CORN FOR/FOD	7/14/2006	G	40	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	1280	OZ	24000
4S11E33	CORN FOR/FOD	7/15/2006	G	40	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	10	GA	24000
4S11E33	ALFALFA	8/10/2006	G	20	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	880	OZ	24000
4S11E34	ALMOND	6/7/2006	G	85	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	27	GA	24000
4S11E34	CORN FOR/FOD	7/17/2006	G	78	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	20	GA	24000
4S11E34	CORN FOR/FOD	7/17/2006	G	12	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	3	GA	24000
4S11E35	OLIVE	7/1/2006	G	10	524-445-ZE	HONCHO HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	2	GA	24000
4S11E35	CORN FOR/FOD	6/27/2006	G	124	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2728	OZ	24000
4S11E35	CORN FOR/FOD	6/27/2006	G	110	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2420	OZ	24000
4S11E35	CORN FOR/FOD	7/21/2006	G	64	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	11	GA	24000
4S11E35	CORN FOR/FOD	7/21/2006	G	58	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	15	GA	24000
4S11E36	ALMOND	6/9/2006	G	143	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2860	OZ	24000
4S11E36	ALMOND	6/15/2006	G	157	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	3140	OZ	24000
4S11E36	ALMOND	8/8/2006	G	157	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2512	OZ	24000
4S12E16	ALMOND	6/27/2006	G	255	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	255	PT	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S12E2	ALMOND	6/6/2006	G	30	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	30	QT	24000
4S12E2	ALMOND	6/19/2006	G	30	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	30	QT	24000
4S12E2	ALMOND	6/20/2006	G	37	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	37	QT	24000
4S12E2	ALMOND	6/28/2006	G	30	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	30	QT	24000
4S12E2	ALMOND	7/18/2006	G	75	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	75	QT	24000
4S12E2	ALMOND	8/8/2006	G	65	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	10	GA	24000
4S12E29	ALMOND	6/21/2006	G	140	524-454-AA-34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	60	PT	24000
4S12E29	ALMOND	7/1/2006	G	10	524-454-AA-34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	10	PT	24000
4S12E3	ALMOND	6/29/2006	G	26	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	26	QT	24000
4S12E3	ALMOND	8/8/2006	G	26	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	26	QT	24000
4S12E3	ALMOND	8/10/2006	G	150	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	22	GA	24000
4S12E30	ALMOND	8/10/2006	G	202	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	606	PT	24000
4S12E30	ALMOND	6/3/2006	G	238	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE S	950	PT	24000
4S12E30	ALMOND	6/23/2006	G	145	524-454-AA-34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	60	GA	24000
4S12E30	WALNUT	6/29/2006	G	20	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	5	GA	24000
4S12E30	WALNUT	6/30/2006	G	17	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	5	GA	24000
4S12E30	WALNUT	8/10/2006	G	30	524-512-AA	ROUNDUP ULTRAMAX HERBICID	GLYPHOSATE, ISOPROPYLAMINE S	5	GA	24000
4S12E31	ALMOND	6/11/2006	G	157	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	6280	OZ	24000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S12E31	ALMOND	6/12/2006	G	81	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	3240	OZ	24000
4S12E31	WALNUT	6/15/2006	G	38	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	760	OZ	24000
4S12E31	WALNUT	6/16/2006	G	39	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	780	OZ	24000
4S12E31	ALMOND	8/3/2006	G	81	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2592	OZ	24000
4S12E31	ALMOND	8/5/2006	G	157	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	5024	OZ	24000
4S12E31	ALMOND	8/5/2006	G	40	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	349	OZ	24000
4S12E31	ALMOND	8/7/2006	G	25	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	218	OZ	24000
4S12E31	ALMOND	8/10/2006	G	100	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	3200	OZ	24000
4S12E32	ALMOND	8/6/2006	G	157	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE S	6280	OZ	24000
4S12E32	PISTACHIO	6/10/2006	G	18	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	360	OZ	24000
4S12E32	ALMOND	6/22/2006	G	93	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	1860	OZ	24000
4S12E32	ALMOND	6/23/2006	G	157	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	3140	OZ	24000
4S12E32	ALMOND	8/1/2006	G	93	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	812	OZ	24000
4S12E32	ALMOND	8/1/2006	G	154	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	2464	OZ	24000
4S12E4	CHERRY	7/1/2006	G	18	524-454-AA	MON-52249 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	2	QT	24000
4S12E8	ALMOND	8/3/2006	G	640	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	640	PT	24000
4S12E8	ALMOND	8/10/2006	G	480	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	480	PT	24000
5S11E1	ALMOND	6/5/2006	G	120	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	45	GA	24000

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5S11E1	ALMOND	6/15/2006	G	120	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	150	PT	24000
5S11E1	ALMOND	6/16/2006	G	40	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	50	PT	24000
5S11E10	CORN FOR/FOD	6/16/2006	G	15	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	4	GA	24000
5S11E10	CORN FOR/FOD	6/28/2006	G	75	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	15	GA	24000
5S11E10	UNCUL NON-AG	7/7/2006	G	5	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	160	OZ	24000
5S11E10	CORN FOR/FOD	7/15/2006	G	30	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	6	GA	24000
5S11E10	CORN FOR/FOD	7/15/2006	G	50	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	9	GA	24000
5S11E10	CORN FOR/FOD	7/21/2006	G	20	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	3	GA	24000
5S11E10	CORN FOR/FOD	8/7/2006	G	5	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	1	GA	24000
5S11E10	CORN FOR/FOD	8/7/2006	G	65	100-1117-AA	TOUCHDOWN HERBICIDE	GLYPHOSATE, DIAMMONIUM SALT	12	GA	24000
5S11E14	ALMOND	7/29/2006	G	250	4787-23-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	102	GA	24000
5S11E16	CORN FOR/FOD	6/16/2006	G	40	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	8	GA	24000
5S11E16	CORN FOR/FOD	6/28/2006	G	140	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	27	GA	24000
5S11E16	CORN FOR/FOD	6/30/2006	G	120	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	23	GA	24000
5S11E16	CORN FOR/FOD	7/21/2006	G	140	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	18	GA	24000
5S11E17	CORN FOR/FOD	6/27/2006	G	25	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	5	GA	24000
5S11E2	ALMOND	6/17/2006	G	573	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	1146	PT	24000
5S11E2	ALMOND	6/28/2006	G	200	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE,	360	PT	24000

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						HERB	POTASSIUM SALT			
5S11E21	CORN FOR/FOD	7/17/2006	A	60	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	15	GA	24000
5S11E3	ALMOND	7/3/2006	G	20	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	10	QT	24000
5S11E3	ALMOND	6/24/2006	G	137	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	26	GA	24000
5S11E8	CORN FOR/FOD	6/20/2006	G	140	524-539-AA	ROUNDUP ORIGINAL MAX HERB	GLYPHOSATE, POTASSIUM SALT	4480	OZ	24000
5S11E9	KIWI	6/28/2006	G	72	72167-23-AA-73220	FARMSAVER.COM GLYPHOSATE	GLYPHOSATE, ISOPROPYLAMINE S	30	GA	24000
5S12E5	ALMOND	8/8/2006	G	90	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	41	GA	24000
5S12E6	ALMOND	8/2/2006	G	76	524-445-ZE	HONCHO HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE S	19	GA	24000
5S12E6	ALMOND	7/22/2006	G	8	71368-20-AA	NUFARM CREDIT SYSTEMIC HE	GLYPHOSATE, ISOPROPYLAMINE S	16	QT	24000
5S12E7	ALMOND	6/21/2006	G	626	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	20032	OZ	24000
3S11E36	CORN FOR/FOD	7/26/2006	A	50	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	425	OZ	43319
3S12E35	CORN FOR/FOD	8/10/2006	G	8	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	51	OZ	43319
3S12E35	CORN FOR/FOD	8/10/2006	G	2	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	13	OZ	43319
3S12E35	CORN FOR/FOD	8/10/2006	G	30	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	192	OZ	43319
3S12E35	CORN FOR/FOD	8/10/2006	G	40	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	256	OZ	43319
4S11E15	CORN FOR/FOD	7/20/2006	G	165	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	10	GA	43319
4S11E2	CORN FOR/FOD	6/21/2006	G	186	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	12	GA	43319
4S11E22	CORN FOR/FOD	6/15/2006	G	205	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	9	OZ	43319

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4S11E22	CORN FOR/FOD	6/15/2006	G	214	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	1817	GA	43319
4S11E27	CORN FOR/FOD	6/26/2006	G	23	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	1	GA	43319
4S11E3	CORN FOR/FOD	7/3/2006	G	28	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	2	GA	43319
5S11E10	CORN FOR/FOD	7/15/2006	G	30	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	2	GA	43319
5S11E10	CORN FOR/FOD	8/2/2006	G	20	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	1	GA	43319
5S11E15	CORN FOR/FOD	8/2/2006	G	100	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	6	GA	43319
5S11E17	CORN FOR/FOD	7/7/2006	G	36	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	2	GA	43319
5S11E17	CORN FOR/FOD	7/7/2006	G	8	264-719-AA	OBERON 2SC INSECTICIDE/MI	SPIROMESIFEN	1	GA	43319
3S11E25	WALNUT	6/26/2006	G	18	62719-424-AA	GOAL2XL	OXYFLUORFEN	18	PT	10000 0
3S11E25	ALMOND	6/26/2006	G	18	62719-424-AA	GOAL2XL	OXYFLUORFEN	18	PT	10000 0
3S11E25	ALMOND	7/6/2006	G	18	62719-424-AA	GOAL2XL	OXYFLUORFEN	18	PT	10000 0
3S11E25	WALNUT	7/6/2006	G	18	62719-424-AA	GOAL2XL	OXYFLUORFEN	18	PT	10000 0
3S11E25	ALMOND	7/13/2006	G	100	62719-424-AA	GOAL2XL	OXYFLUORFEN	800	OZ	10000 0
3S11E25	ALMOND	7/28/2006	G	200	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	1000	OZ	10000 0
3S11E25	ALMOND	7/27/2006	G	31	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	9	QT	10000 0
3S11E25	ALMOND	7/30/2006	G	20	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	5	GA	10000 0
3S11E34	ALMOND	6/22/2006	G	25	62719-424-AA	GOAL2XL	OXYFLUORFEN	25	PT	10000 0
3S11E34	ALMOND	7/5/2006	G	25	62719-424-AA	GOAL2XL	OXYFLUORFEN	25	PT	10000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
										0
3S11E36	ALMOND	6/20/2006	G	29	62719-424-AA	GOAL2XL	OXYFLUORFEN	186	OZ	10000 0
3S11E36	ALMOND	7/28/2006	G	36	62719-424-AA	GOAL2XL	OXYFLUORFEN	288	OZ	10000 0
3S12E28	WALNUT	6/15/2006	G	70	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	280	OZ	10000 0
3S12E28	WALNUT	7/5/2006	G	35	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	280	OZ	10000 0
3S12E33	ALMOND	6/2/2006	G	98	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	392	OZ	10000 0
3S12E33	WALNUT	6/20/2006	G	136	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	544	OZ	10000 0
3S12E34	OP-DEC. TREE	6/2/2006	G	11	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	773	GR	10000 0
3S12E34	OP-DEC. TREE	6/2/2006	G	10	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	703	GR	10000 0
3S12E34	OP-DEC. TREE	6/19/2006	G	11	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	814	GR	10000 0
3S12E34	OP-DEC. TREE	6/19/2006	G	10	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	740	GR	10000 0
3S12E34	OP-DEC. TREE	6/20/2006	G	25	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2687	GR	10000 0
3S12E34	OP-DEC. TREE	6/20/2006	G	9	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	913	GR	10000 0
3S12E34	OP-DEC. TREE	6/21/2006	G	9	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	736	GR	10000 0
3S12E34	OP-DEC. TREE	6/21/2006	G	11	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	810	GR	10000 0
3S12E34	OP-DEC. TREE	6/26/2006	G	10	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	745	GR	10000 0
3S12E34	OP-DEC. TREE	6/26/2006	G	11	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	820	GR	10000 0
4S11E13	ALMOND	7/22/2006	G	200	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	1600	OZ	10000 0

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E14	ALMOND	6/29/2006	G	432	62719-424-AA	GOAL2XL	OXYFLUORFEN	16	GA	10000 0
4S11E15	OP-DEC. TREE	6/2/2006	G	24	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	1758	GR	10000 0
4S11E15	OP-DEC. TREE	6/2/2006	G	34	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2390	GR	10000 0
4S11E15	OP-DEC. TREE	6/12/2006	G	33	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2475	GR	10000 0
4S11E15	OP-DEC. TREE	6/13/2006	G	34	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	295	GR	10000 0
4S11E15	OP-DEC. TREE	6/19/2006	G	40	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2959	GR	10000 0
4S11E15	OP-DEC. TREE	6/19/2006	G	34	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2589	GR	10000 0
4S11E15	OP-DEC. TREE	6/19/2006	G	34	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2515	GR	10000 0
4S11E15	OP-DEC. TREE	6/19/2006	G	33	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2441	GR	10000 0
4S11E15	OP-DEC. TREE	6/19/2006	G	24	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	1850	GR	10000 0
4S11E15	OP-DEC. TREE	6/21/2006	G	34	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2504	GR	10000 0
4S11E15	OP-DEC. TREE	6/22/2006	G	24	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	1842	GR	10000 0
4S11E15	OP-DEC. TREE	6/22/2006	G	33	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2432	GR	10000 0
4S11E15	OP-DEC. TREE	6/26/2006	G	34	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2533	GR	10000 0
4S11E15	OP-DEC. TREE	6/26/2006	G	40	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2980	GR	10000 0
4S11E15	OP-DEC. TREE	6/26/2006	G	24	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	1863	GR	10000 0
4S11E15	OP-DEC. TREE	6/27/2006	G	34	3125-430-AA- 59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2527	GR	10000 0
4S11E15	OP-DEC.	6/29/2006	G	34	3125-430-AA-	DECATHLON 20WP	CYFLUTHRIN	2688	GR	10000

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
	TREE				59807	GREENHOUSE				0
4S11E15	OP-DEC. TREE	6/29/2006	G	40	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	3162	GR	10000 0
4S11E15	OP-DEC. TREE	7/16/2006	G	34	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2550	GR	10000 0
4S11E15	OP-DEC. TREE	7/16/2006	G	24	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	1800	GR	10000 0
4S11E15	OP-DEC. TREE	7/16/2006	G	42	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	3180	GR	10000 0
4S11E15	OP-DEC. TREE	7/23/2006	G	33	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2475	GR	10000 0
4S11E15	OP-DEC. TREE	7/23/2006	G	10	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	750	GR	10000 0
4S11E15	OP-DEC. TREE	7/23/2006	G	40	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	3000	GR	10000 0
4S11E15	OP-DEC. TREE	7/23/2006	G	34	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2550	GR	10000 0
4S11E15	OP-DEC. TREE	7/23/2006	G	42	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	3150	GR	10000 0
4S11E15	OP-DEC. TREE	7/23/2006	G	24	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	1800	GR	10000 0
4S11E15	OP-DEC. TREE	7/23/2006	G	21	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	1575	GR	10000 0
4S11E15	OP-DEC. TREE	7/30/2006	G	34	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	2550	GR	10000 0
4S11E15	OP-DEC. TREE	7/30/2006	G	42	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE	CYFLUTHRIN	3150	GR	10000 0
4S11E15	OP-DEC. TREE	6/12/2006	G	2	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	0	GA	10000 0
4S11E16	ALMOND	6/9/2006	G	50	62719-424-AA	GOAL2XL	OXYFLUORFEN	2	GA	10000 0
4S11E16	ALMOND	6/17/2006	G	8	62719-424-AA	GOAL2XL	OXYFLUORFEN	64	OZ	10000 0
4S11E16	ALMOND	7/13/2006	G	202	62719-424-AA	GOAL2XL	OXYFLUORFEN	1212	OZ	10000 0

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E16	ALMOND	7/15/2006	G	8	62719-424-AA	GOAL2XL	OXYFLUORFEN	8	PT	10000 0
4S11E16	ALMOND	8/9/2006	G	4	62719-424-AA	GOAL2XL	OXYFLUORFEN	4	PT	10000 0
4S11E21	ALMOND	6/23/2006	G	60	62719-424-AA	GOAL2XL	OXYFLUORFEN	3	GA	10000 0
4S11E21	ALMOND	7/21/2006	G	235	62719-424-AA	GOAL2XL	OXYFLUORFEN	1410	OZ	10000 0
4S11E23	ALMOND	6/10/2006	G	47	62719-424-AA	GOAL2XL	OXYFLUORFEN	376	OZ	10000 0
4S11E23	ALMOND	7/23/2006	G	26	62719-424-AA	GOAL2XL	OXYFLUORFEN	376	OZ	10000 0
4S11E24	ALMOND	6/10/2006	G	46	62719-424-AA	GOAL2XL	OXYFLUORFEN	368	OZ	10000 0
4S11E24	ALMOND	7/23/2006	G	26	62719-424-AA	GOAL2XL	OXYFLUORFEN	208	OZ	10000 0
4S11E24	ALMOND	6/30/2006	G	80	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	640	OZ	10000 0
4S11E24	ALMOND	7/10/2006	G	240	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	1536	OZ	10000 0
4S11E25	ALMOND	6/2/2006	G	24	62719-424-AA	GOAL2XL	OXYFLUORFEN	10	OZ	10000 0
4S11E25	ALMOND	7/20/2006	G	170	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	1360	OZ	10000 0
4S11E26	ALMOND	8/8/2006	G	145	62719-447-AA	GOAL 4F	OXYFLUORFEN	3	OZ	10000 0
4S11E26	ALMOND	8/9/2006	G	115	62719-447-AA	GOAL 4F	OXYFLUORFEN	3	OZ	10000 0
4S11E28	WALNUT	6/1/2006	G	35	62719-424-AA	GOAL2XL	OXYFLUORFEN	84	OZ	10000 0
4S11E28	ALMOND	6/30/2006	G	15	62719-424-AA	GOAL2XL	OXYFLUORFEN	90	OZ	10000 0
4S11E28	ALMOND	7/7/2006	G	62	62719-424-AA	GOAL2XL	OXYFLUORFEN	372	OZ	10000 0
4S11E3	ALMOND	7/22/2006	G	27	62719-424-AA	GOAL2XL	OXYFLUORFEN	324	OZ	10000

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										0
4S11E33	CORN FOR/FOD	6/20/2006	G	130	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	8	GA	10000 0
4S11E33	CORN FOR/FOD	6/20/2006	G	40	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	3	OZ	10000 0
4S11E35	OLIVE	7/1/2006	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	12	OZ	10000 0
4S11E36	ALMOND	6/9/2006	G	143	62719-424-AA	GOAL2XL	OXYFLUORFEN	572	OZ	10000 0
4S11E36	ALMOND	6/15/2006	G	157	62719-424-AA	GOAL2XL	OXYFLUORFEN	628	OZ	10000 0
4S12E2	ALMOND	6/6/2006	G	30	62719-424-AA	GOAL2XL	OXYFLUORFEN	240	OZ	10000 0
4S12E2	ALMOND	6/19/2006	G	30	62719-424-AA	GOAL2XL	OXYFLUORFEN	240	OZ	10000 0
4S12E2	ALMOND	6/20/2006	G	37	62719-424-AA	GOAL2XL	OXYFLUORFEN	296	OZ	10000 0
4S12E2	ALMOND	7/12/2006	G	65	62719-424-AA	GOAL2XL	OXYFLUORFEN	2	GA	10000 0
4S12E2	ALMOND	8/8/2006	G	65	62719-424-AA	GOAL2XL	OXYFLUORFEN	2	GA	10000 0
4S12E29	ALMOND	6/21/2006	G	140	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	12	PT	10000 0
4S12E3	ALMOND	7/14/2006	G	150	62719-424-AA	GOAL2XL	OXYFLUORFEN	5	GA	10000 0
4S12E3	ALMOND	8/8/2006	G	26	62719-424-AA	GOAL2XL	OXYFLUORFEN	208	OZ	10000 0
4S12E30	ALMOND	6/3/2006	G	238	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	2880	PT	10000 0
4S12E30	ALMOND	6/23/2006	G	145	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	12	PT	10000 0
4S12E31	ALMOND	6/11/2006	G	157	62719-424-AA	GOAL2XL	OXYFLUORFEN	1256	OZ	10000 0
4S12E31	ALMOND	6/12/2006	G	81	62719-424-AA	GOAL2XL	OXYFLUORFEN	648	OZ	10000 0

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TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S12E31	WALNUT	6/15/2006	G	38	62719-424-AA	GOAL2XL	OXYFLUORFEN	152	OZ	10000 0
4S12E31	WALNUT	6/16/2006	G	39	62719-424-AA	GOAL2XL	OXYFLUORFEN	156	OZ	10000 0
4S12E32	PISTACHIO	6/10/2006	G	18	62719-424-AA	GOAL2XL	OXYFLUORFEN	72	OZ	10000 0
4S12E32	ALMOND	6/22/2006	G	93	62719-424-AA	GOAL2XL	OXYFLUORFEN	372	OZ	10000 0
4S12E32	ALMOND	6/23/2006	G	157	62719-424-AA	GOAL2XL	OXYFLUORFEN	628	OZ	10000 0
4S12E32	ALMOND	7/18/2006	G	36	62719-447-AA	GOAL 4F	OXYFLUORFEN	21	OZ	10000 0
4S12E32	ALMOND	8/2/2006	G	36	62719-447-AA	GOAL 4F	OXYFLUORFEN	21	OZ	10000 0
5S11E1	ALMOND	6/15/2006	G	120	62719-424-AA	GOAL2XL	OXYFLUORFEN	240	OZ	10000 0
5S11E1	ALMOND	6/16/2006	G	40	62719-424-AA	GOAL2XL	OXYFLUORFEN	80	OZ	10000 0
5S11E3	ALMOND	7/3/2006	G	20	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	30	OZ	10000 0
5S11E8	CORN FOR/FOD	6/20/2006	G	140	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	1120	OZ	10000 0
5S11E9	ALMOND	8/2/2006	G	33	62719-447-AA	GOAL 4F	OXYFLUORFEN	7	OZ	10000 0
5S12E5	ALMOND	6/16/2006	G	4	62719-447-ZA	GOALTENDER	OXYFLUORFEN	1	GA	10000 0
5S12E5	ALMOND	6/17/2006	G	60	62719-447-ZA	GOALTENDER	OXYFLUORFEN	1	GA	10000 0
5S12E5	ALMOND	6/24/2006	G	90	62719-447-ZA	GOALTENDER	OXYFLUORFEN	524	OZ	10000 0
5S12E6	ALMOND	8/2/2006	G	76	66222-28-AA	GALIGAN 2E OXYFLUORFEN HE	OXYFLUORFEN	29	GA	10000 0
5S12E6	ALMOND	7/15/2006	G	8	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	64	OZ	10000 0
5S12E7	ALMOND	6/21/2006	G	626	62719-424-AA	GOAL2XL	OXYFLUORFEN	5008	OZ	10000

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TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
										0
5S12E7	ALMOND	7/21/2006	G	626	70506-9-AA	PERM-UP 3.2 EC INSECTICID	PERMETHRIN	10016	OZ	100000
3S11E34	ALMOND	7/25/2006	G	46	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	147	OZ	180000
3S11E34	ALMOND	7/26/2006	G	46	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	147	OZ	180000
3S11E36	WALNUT	6/7/2006	G	30	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	96	OZ	180000
3S11E36	WALNUT	6/8/2006	G	16	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	51	OZ	180000
3S11E36	WALNUT	6/8/2006	G	30	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	99	OZ	180000
3S11E36	WALNUT	6/8/2006	G	32	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	102	OZ	180000
4S11E16	ALMOND	7/25/2006	G	106	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	303	OZ	180000
4S11E16	ALMOND	7/31/2006	G	101	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	1414	OZ	180000
4S11E2	WALNUT	6/30/2006	G	65	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	208	OZ	180000
4S11E21	ALMOND	7/26/2006	G	353	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	1059	OZ	180000
4S11E23	PEACH PROCESSNG	6/21/2006	G	75	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	195	OZ	180000
4S11E23	PEACH PROCESSNG	7/12/2006	G	44	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	141	OZ	180000
4S11E28	PEACH PROCESSNG	6/19/2006	G	13	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	26	OZ	180000
4S11E28	ALMOND	7/31/2006	G	62	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	186	OZ	180000
4S11E3	ALMOND	7/19/2006	G	27	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	95	OZ	180000
4S12E2	ALMOND	6/8/2006	G	75	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	225	OZ	180000

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TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S12E29	ALMOND	7/27/2006	G	204	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	612	OZ	180000
4S12E3	ALMOND	6/9/2006	G	52	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	156	OZ	180000
4S12E30	ALMOND	6/2/2006	G	188	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	35	PT	180000
4S12E30	ALMOND	7/25/2006	G	400	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	570	OZ	180000
4S12E32	ALMOND	7/20/2006	G	378	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	9	GA	180000
5S11E17	WALNUT	6/23/2006	G	17	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	68	OZ	180000
3S12E28	WALNUT	6/26/2006	G	35	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	336	OZ	240000
3S12E28	ALMOND	7/23/2006	G	70	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	35	LB	240000
3S12E33	WALNUT	6/27/2006	G	68	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	653	OZ	240000
3S12E33	ALMOND	7/23/2006	G	98	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	49	LB	240000
4S11E10	CORN FOR/FOD	7/20/2006	G	55	70506-58-AA	BIFENTURE EC	BIFENTHRIN	2	GA	240000
4S11E11	CORN FOR/FOD	7/20/2006	G	80	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA	240000
4S11E11	CORN FOR/FOD	7/20/2006	G	18	70506-58-AA	BIFENTURE EC	BIFENTHRIN	91	OZ	240000
4S11E13	ALMOND	7/1/2006	G	200	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	3200	OZ	240000
4S11E25	ALMOND	7/21/2006	G	10	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	10	LB	240000
4S11E3	ALMOND	7/21/2006	G	31	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	16	LB	240000
4S12E16	ALMOND	8/2/2006	G	255	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	4080	OZ	240000
4S12E20	ALMOND	8/2/2006	G	300	279-3108-AA	BRIGADE WSB	BIFENTHRIN	4800	OZ	240000

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TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
						INSECTICIDE/M				0
4S12E21	ALMOND	8/2/2006	G	500	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	80000	OZ	240000
4S12E8	ALMOND	8/2/2006	G	640	279-3108-AA	BRIGADE WSB INSECTICIDE/M	BIFENTHRIN	10240	OZ	240000
5S11E10	CORN FOR/FOD	6/28/2006	G	75	70506-58-AA	BIFENTURE EC	BIFENTHRIN	4	GA	240000
5S11E10	CORN FOR/FOD	7/15/2006	G	50	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA	240000
5S11E10	CORN FOR/FOD	8/7/2006	G	65	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA	240000
5S11E10	CORN FOR/FOD	8/7/2006	G	5	70506-58-AA	BIFENTURE EC	BIFENTHRIN	0	GA	240000
5S11E16	CORN FOR/FOD	6/28/2006	G	140	70506-58-AA	BIFENTURE EC	BIFENTHRIN	7	GA	240000
5S11E21	CORN FOR/FOD	7/17/2006	A	60	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA	240000
5S11E3	CORN FOR/FOD	7/14/2006	A	45	70506-58-AA	BIFENTURE EC	BIFENTHRIN	248	OZ	240000
5S11E3	CORN FOR/FOD	7/14/2006	A	23	70506-58-AA	BIFENTURE EC	BIFENTHRIN	127	OZ	240000
3S11E25	ALMOND	7/24/2006	G	100	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	300	PT	100000
3S11E25	ALMOND	7/27/2006	G	31	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	10	GA	100000
3S11E25	ALMOND	8/9/2006	G	20	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	5	GA	100000
3S12E33	ALMOND	7/28/2006	G	45	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	135	PT	100000
4S11E14	ALMOND	6/29/2006	G	432	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	66	GA	100000
4S11E14	ALMOND	6/28/2006	G	6	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	24	PT	100000
4S11E2	ALMOND	7/15/2006	G	14	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	2	GA	100000

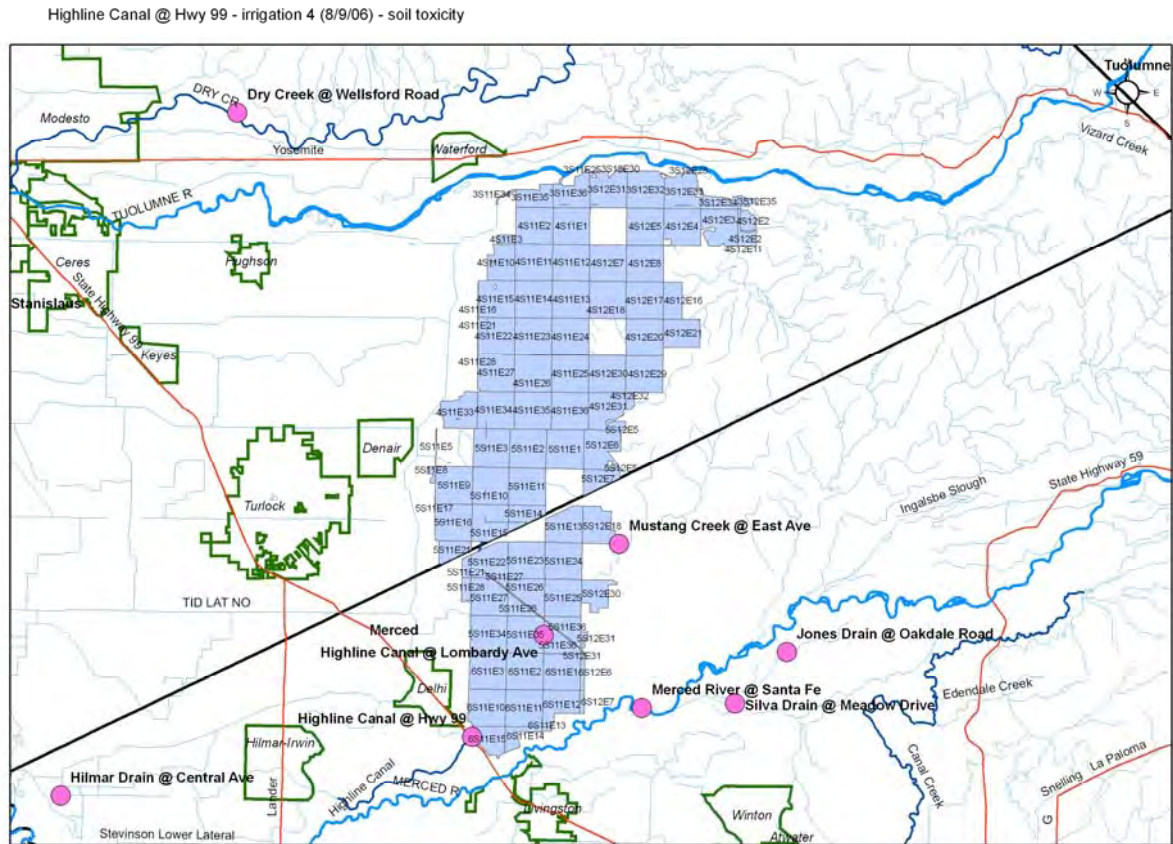
TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
4S11E23	ALMOND	6/30/2006	G	12	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	48	PT	10000 00
4S11E25	ALMOND	6/2/2006	G	24	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	2	PT	10000 00
4S11E25	ALMOND	8/2/2006	G	3	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	4	PT	10000 00
4S11E3	ALMOND	6/16/2006	G	10	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	5	GA	10000 00
4S12E2	ALMOND	7/12/2006	G	65	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	8	GA	10000 00
4S12E3	ALMOND	6/10/2006	G	26	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	26	QT	10000 00
4S12E3	ALMOND	7/14/2006	G	150	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	19	GA	10000 00
4S12E32	ALMOND	7/18/2006	G	36	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	3	PT	10000 00
4S12E32	ALMOND	8/2/2006	G	36	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	3	PT	10000 00
5S11E1	ALMOND	6/8/2006	G	60	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	162	PT	10000 00
5S11E1	ALMOND	6/9/2006	G	60	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	162	PT	10000 00
5S11E1	ALMOND	6/15/2006	G	30	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	81	PT	10000 00
5S11E1	ALMOND	6/16/2006	G	30	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	81	PT	10000 00
5S11E1	ALMOND	6/27/2006	G	15	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	41	PT	10000 00
5S11E1	ALMOND	7/18/2006	G	40	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	108	PT	10000 00
5S11E1	ALMOND	7/25/2006	G	30	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	81	PT	10000 00
5S11E14	ALMOND	7/10/2006	G	250	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	84	GA	10000 00
5S11E5	GRAPE	6/1/2006	G	6	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	6	PT	10000

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TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
										00
5S11E9	ALMOND	8/2/2006	G	33	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	3	PT	10000 00
5S12E5	ALMOND	6/17/2006	G	60	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	15	PT	10000 00

Figure 41. Location of Pesticide applications upstream of the Highline Canal @ Hwy 99 sampling site with Koc values ≥ 1800 – irrigation 4 (8/20/06).



Silva Drain @ Meadow Dr - irrigation 4 (8/9/06).

Survival of 62% was reported for *Hyalella* for the sample collected at the Silva Drain @ Meadow Dr. site subwatershed during the irrigation 4 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic.

During this sampling event, surface water samples were also collected. These samples caused complete mortality to *Ceriodaphnia* and test results indicated that the samples contained a high concentration of chlorpyrifos (0.14 µg/L). The soil organic carbon partitioning coefficient of chlorpyrifos is 6070 L/kg; a relatively high value indicating that chlorpyrifos does tend to bind to sediment (though it is also known to be prevalent in the water column as well). Therefore, detection of chlorpyrifos in the water column at Silva Drain is an indication that it was potentially present in the sediment samples and could have caused toxicity to *Hyalella*. We do not yet have the PURs to determine where chlorpyrifos was applied in the watershed. Additionally, PURs were available for applications at this site through June and the high K_{oc} chemicals in Table 45 were applied. Because we do not perform chemical analysis on sediment, it is not possible to know which chemical(s), if any, are responsible for the toxicity. Additional applications through July and August have not yet been received.

During the September 12-14, 2006 surface water sampling event, no toxicity or pesticide exceedances were reported for the Silva Drain @ Meadow Drive site, which indicates that the chlorpyrifos load and toxicity, at least in the water column, was not persistent.

While there is some indication as to potential sources of toxicity in the sediment at Silva Drain, it will not be possible to establish exact sources for sediment because it is not clear when the sediment was deposited at the site. The toxicity experienced in August 2006 could be a result of either recent applications of chemicals that have been transported to the water bodies bound to sediment, or the result of slow breakdown of the chemicals applied much earlier in the growing season. Given that very little is known about the half-life of most chemicals in sediment, the sediment containing the toxic substances could have been deposited up to several months prior to sampling.

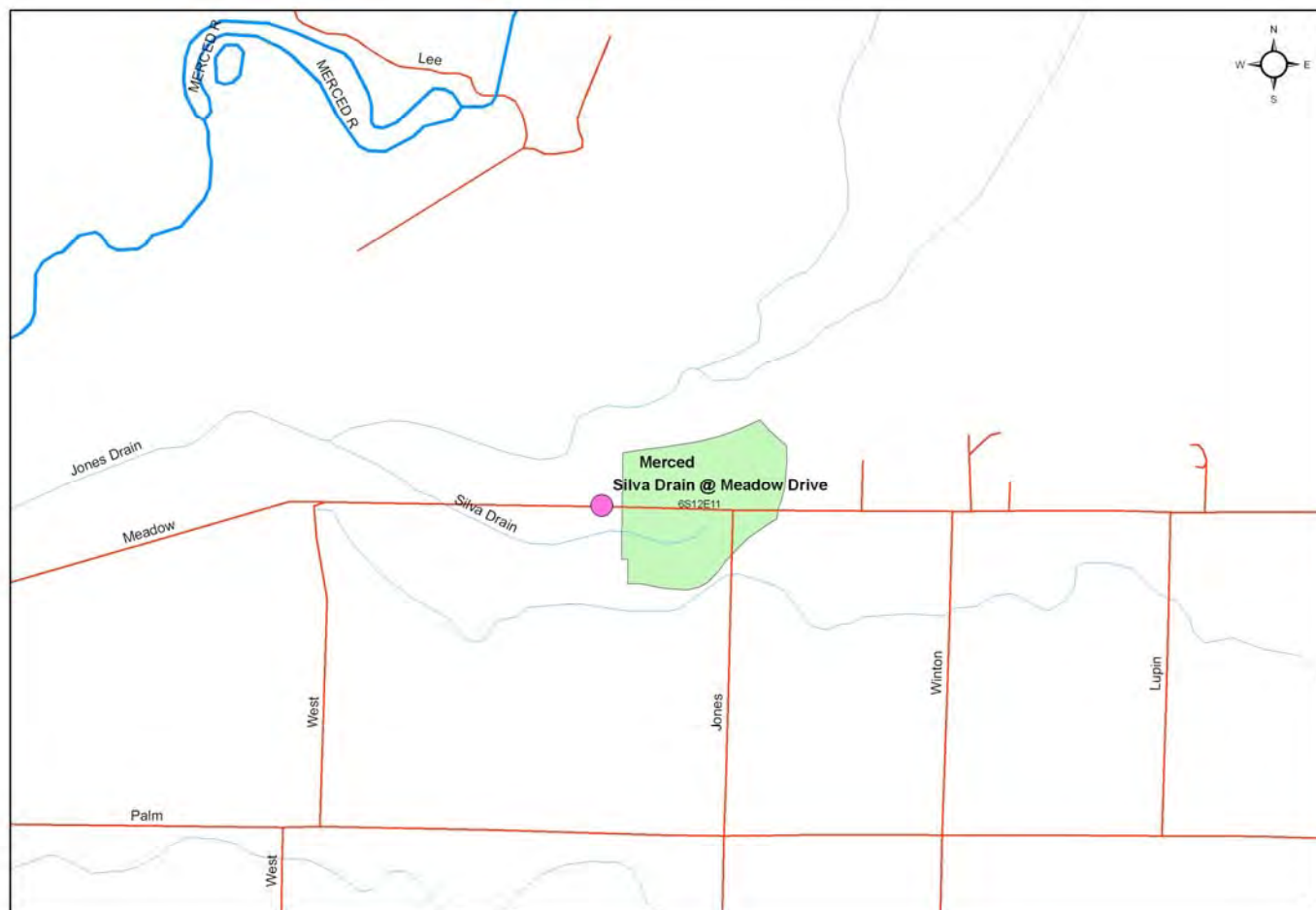
Sampling at Silva Drain @ Meadow Drive was initiated during the irrigation season of 2006 and this event was the first to sample sediment from this site.

Table 45. Pesticide applications upstream of the Silva Drain @ Meadow Dr. sampling site with Koc values ≥ 1800 – irrigation 4.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit	Koc
6S12E11	CORN FOR/FOD	6/14/06	G	30.7	400-104-ZA	COMITE	PROPARGITE	9.7	GA	4000
6S12E11	CORN FOR/FOD	6/14/06	G	25	400-104-ZA	COMITE	PROPARGITE	7.8	GA	4000
6S12E11	CORN FOR/FOD	6/15/06	G	35	400-104-ZA	COMITE	PROPARGITE	11.25	GA	4000
6S12E11	ALMOND	7/12/06	G	5	400-89-AA	OMITE-6E	PROPARGITE	2.08	GA	4000
6S12E11	ALMOND	6/6/06	G	30	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	300	OZ	5000
6S12E11	ALMOND	7/3/06	G	15	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	15	QT	24000
6S12E11	ALMOND	7/29/06	G	5	59639-123-AA	ZEAL MITICIDE	ETOXAZOLE	15	OZ	83230
6S12E11	CORN FOR/FOD	6/1/06	G	30.7	279-3059-AA	POUNCE 1.5G INSECTICIDE	PERMETHRIN	267.46	LBS	100000
6S12E11	CORN FOR/FOD	6/1/06	G	35	279-3059-AA	POUNCE 1.5G INSECTICIDE	PERMETHRIN	308.4	LBS	100000
6S12E11	CORN FOR/FOD	6/1/06	G	25	279-3059-AA	POUNCE 1.5G INSECTICIDE	PERMETHRIN	217.8	LBS	100000

Figure 42. Location of Pesticide applications upstream of the Silva Drain @ Meadow Dr. sampling site with Koc values ≥ 1800 – irrigation 4.

Silva Drain @ Meadow Dr - irrigation 4 (8/9/06) - toxicity



Pesticide Use Reports for water column toxicity

***Selenastrum capricornutum* toxicity**

Hilmar Drain @ Central Ave. - irrigation 3 (7/13/06).

Growth of 36% compared to controls was reported for *Selenastrum* for the sample collected at the Hilmar Drain @ Central Ave. site subwatershed during the irrigation 3 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic.

Due to a greater than 50% reduction in both samples, Toxicity Identification Evaluation (TIE) testing was initiated at Hilmar Drain @ Central Avenue site. This site also re-sampled on July 20, 2006 for persistence of toxicity.

The toxicity observed in the Hilmar Drain @ Central Avenue ambient sample was not observed during the TIE testing indicating that the toxicity in the sample was not persistent. In addition, the re-sampling of the Hilmar Drain @ Central Avenue site showed insignificant (greater than 80% growth compared to control) toxicity, indicating a lack of persistence in toxicity also at the site.

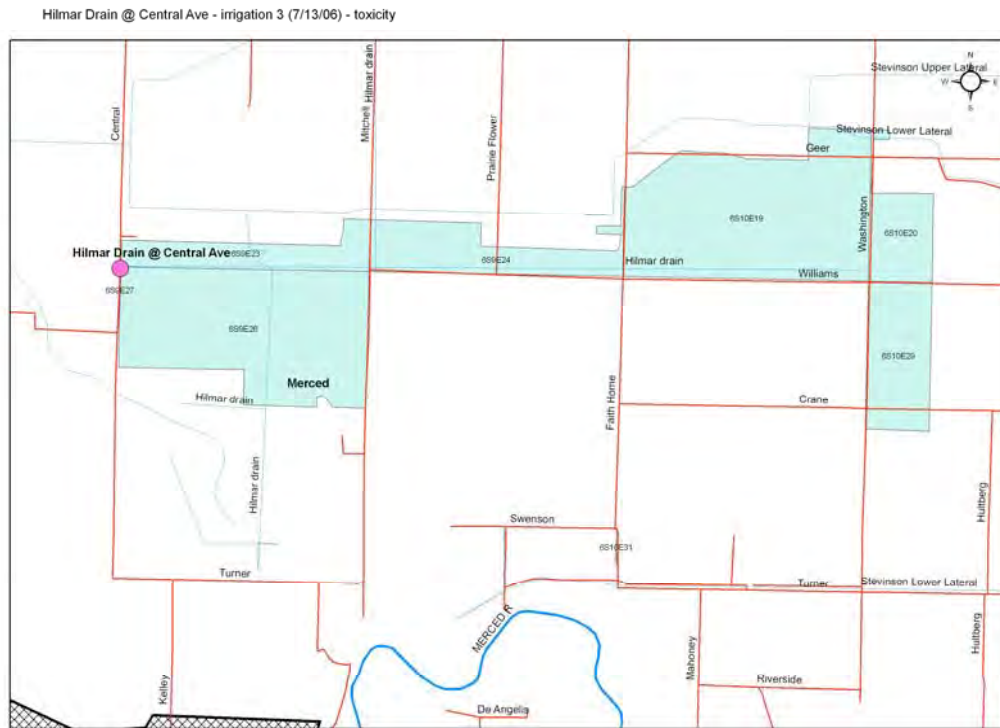
The July 13, 2006 sample from Hilmar Drain @ Central Avenue produced the following exceedances: EC (reported in the July 14, 2006 Exceedance Report); *E. coli*, TDS, and copper (reported in the August 24, 2006 Exceedance Report); and chlorpyrifos (reported in the August 29, 2006 Exceedance Report). Based on the exceedance list above, we suspect that copper [31 µg/L] was the cause of the toxicity in the sample, although copper would be expected to remain in solution and toxicity would be expected during the TIE. It is possible that an herbicide in conjunction with copper could be the cause of the toxicity, and the herbicide degraded to the point where it was no longer toxic. However, a review of the water chemistry indicated that no herbicide was detected.

Table 46. Pesticide applications for Hilmar Drain @ Central Ave. - irrigation 3.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S10E20	ALMOND	6/29/06	G	20	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	22.86	PT
6S10E20	CORN FOR/FOD	6/30/06	G	19	33906-11-AA-524	YUKON HERBICIDE	DICAMBA, SODIUM SALT	6	LBS
6S10E20	CORN FOR/FOD	6/30/06	G	19	33906-11-AA-524	YUKON HERBICIDE	HALOSULFURON-METHYL	6	LBS
6S10E20	CORN FOR/FOD	6/30/06	G	19	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	5	GA
6S9E23	CORN FOR/FOD	6/30/06	G	35	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	1.64	LBS
6S9E23	CORN FOR/FOD	6/30/06	G	35	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	1.64	LBS
6S9E27	CORN FOR/FOD	6/30/06	G	55	51036-289-AA	BANVEL	DICAMBA, DIMETHYLAMINE SALT	330	FLOZ
6S9E27	CORN FOR/FOD	6/30/06	G	55	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	1760	FLOZ
6S9E26	CORN FOR/FOD	7/2/06	G	63	33906-11-AA-524	YUKON HERBICIDE	HALOSULFURON-METHYL	15.75	LBS
6S9E26	CORN FOR/FOD	7/2/06	G	63	33906-11-AA-524	YUKON HERBICIDE	DICAMBA, SODIUM SALT	15.75	LBS
6S9E26	CORN FOR/FOD	7/2/06	G	63	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	2.95	LBS
6S10E19	CORN FOR/FOD	7/3/06	G	70	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	53	OZ
6S10E19	CORN FOR/FOD	7/3/06	G	70	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	53	OZ
6S10E31	CORN FOR/FOD	7/4/06	G	20	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	20	OZ
6S10E31	CORN FOR/FOD	7/4/06	G	15	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	15	OZ
6S10E31	CORN FOR/FOD	7/4/06	G	19	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	19	OZ
6S10E31	CORN FOR/FOD	7/4/06	G	20	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	5	GA
6S10E20	CORN FOR/FOD	7/5/06	G	76	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	57	OZ
6S10E20	CORN FOR/FOD	7/5/06	G	76	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	57	OZ
6S9E26	CORN FOR/FOD	7/5/06	G	60	51036-289-AA	BANVEL	DICAMBA, DIMETHYLAMINE SALT	330	FLOZ
6S9E26	CORN FOR/FOD	7/5/06	G	60	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	1920	FLOZ
6S10E20	CORN FOR/FOD	7/6/06	G	20	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	15	OZ
6S10E29	CORN FOR/FOD	7/6/06	G	13	33906-11-AA-524	YUKON HERBICIDE	HALOSULFURON-METHYL	78	OZ
6S10E29	CORN FOR/FOD	7/6/06	G	13	33906-11-AA-524	YUKON HERBICIDE	DICAMBA, SODIUM SALT	78	OZ
6S9E26	CORN FOR/FOD	7/6/06	G	56	33906-11-AA-524	YUKON HERBICIDE	DICAMBA, SODIUM SALT	21	LBS

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S9E26	CORN FOR/FOD	7/6/06	G	9	33906-11-AA-524	YUKON HERBICIDE	DICAMBA, SODIUM SALT	3.375	LBS
6S9E26	CORN FOR/FOD	7/6/06	G	56	33906-11-AA-524	YUKON HERBICIDE	HALOSULFURON-METHYL	21	LBS
6S9E26	CORN FOR/FOD	7/6/06	G	9	33906-11-AA-524	YUKON HERBICIDE	HALOSULFURON-METHYL	3.375	LBS
6S9E26	CORN FOR/FOD	7/6/06	G	56	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	2.63	LBS
6S9E26	CORN FOR/FOD	7/6/06	G	9	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	0.42	LBS
6S9E26	CORN FOR/FOD	7/6/06	G	56	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	2.63	LBS
6S9E26	CORN FOR/FOD	7/6/06	G	9	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	0.42	LBS
6S9E24	CORN FOR/FOD	7/8/06	G	78	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	19.5	GA
6S9E24	CORN FOR/FOD	7/10/06	G	40	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	1.9	LBS
6S10E29	CORN FOR/FOD	7/11/06	G	31	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	5.8	GA
6S9E24	CORN FOR/FOD	7/11/06	G	15	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	4	GA
6S9E26	CORN FOR/FOD	7/11/06	G	20	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	5	GA

Figure 43. Location of Pesticide applications for Hilmar Drain @ Central Ave. - irrigation 3.



***Pimephales promelas* toxicity**

Deadman Creek @ Gurr Rd – irrigation 2 (6/13/06)

Survival of 87.5% was reported for *Pimephales* for the sample collected at the Deadman Creek @ Gurr Rd. site subwatershed during the irrigation 2 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. Re-sampling occurred on June 23, 2006. The re-sample showed insignificant (greater than 80% survival compared to control) toxicity.

The Pesticide Use Reports have been received and reviewed for the Deadman Creek @ Gurr Road site. Review of the water chemistry data indicated that there were no detections of any chemical for which the Coalition currently performs analyses.

There are several chemicals on the pesticide use list that were not sampled for during routine analysis. Of those, the most commonly applied was pyraclostrobin. The K_{oc} (organic carbon partitioning coefficient) of pyraclostrobin is 1510 (<http://www.herts.ac.uk/aeru/footprint/Reports/530.htm>) and the British Department of Environment, Food and Rural Affairs Health and Safety Executive in their Advisory Committee on Pesticides Annual Report 2001 (http://www.pesticides.gov.uk/uploadedfiles/Web_Assets/ACP/ACP_annrep_2001.pdf#search=%22PYRACLOSTROBIN%20%20Koc%22) states that “Overall, the mobility and leaching studies demonstrated that pyraclostrobin and its metabolites were strongly absorbed to soil and were not expected to represent a significant leaching risk.”

Boscalid is slightly more mobile with a K_{oc} of 500 to 1100 (<http://www.herts.ac.uk/aeru/footprint/Reports/78.htm>, http://www.apvma.gov.au/publications/prs_boscalid.pdf#search=%22Boscalid%20%20Koc%22). Boscalid has a somewhat greater potential for movement into surface waters and is classified as moderately toxic to fish based on rainbow trout toxicity studies (see first Boscalid web address above). One of the locations of application is immediately adjacent to the creek for a portion of the TRS. It is unknown if the application was in the corner that would drain into Deadman Creek, and the application dates are 2 weeks prior to sampling, but the potential exists for movement of Boscalid from the point of application to the creek.

Mefenoxam is considered highly to moderately mobile in soil with K_{oc} estimates between 80 and 1100, but is reportedly nontoxic to fish and invertebrates (<http://www.fluorideaction.org/pesticides/msds/fludioxonil.apron.maxx.rta.pdf#search=%22MEFENOXAM%20Koc%22>).

It was also applied some distance from Deadman's Creek and applied by ground so drift would not be expected to be a problem unless there is a surface drain from the site to the creek.

Oxamyl is highly mobile with a K_{oc} of 25 and is considered moderately toxic to fish. However, its half-life in soil is very short and its half-life in water is one to two days (<http://pmep.cce.cornell.edu/profiles/extoxnet/metiram-propoxur/oxamyl-ext.html>). It was applied two weeks prior to sampling, and would not be expected to remain in the system for that length of time. Consequently, it is not considered to be a potential toxicant in most systems.

The final pesticide applied in the period prior to sampling was methoxyfenozide, a pesticide with low to moderate mobility in soil and moderately toxic to fish (<http://www.cdpr.ca.gov/docs/registration/ais/publicreports/5698.pdf#search=%22METHOXYFENOZIDE%20Koc%22>). It was also applied over 2 weeks prior to sampling and at a distance from Deadman Creek.

Table 47. Pesticide applications in the Deadman Creek @ Gurr Rd site subwatershed during the 2 weeks prior to June sampling.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E14	TOMATO PROCESS	5/30/2006	G	18	10163-101-AA	GOWAN TRIFLURALIN 4	TRIFLURALIN	1	GA
8S15E35	TOMATO FRESH	5/30/2006	G	30	352-372-AA	DU PONT VYDATE L INSECTICI	OXAMYL	8	GA
8S16E22	PISTACHIO	5/30/2006	G	37	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	5	GA
8S16E22	ALMOND	5/30/2006	G	37	524-475-ZB	ROUNDUP ULTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SA	20	QT
8S16E22	ALMOND	5/30/2006	G	37	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	160	OZ
8S16E22	PISTACHIO	5/30/2006	G	37	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	444	OZ
8S16E22	PISTACHIO	5/30/2006	G	37	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	444	OZ
8S16E29	ALMOND	5/30/2006	G	110	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/I	ABAMECTIN	1408	OZ
8S16E29	ALMOND	5/30/2006	G	202	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/I	ABAMECTIN	2585	OZ
8S16E29	ALMOND	5/30/2006	G	110	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	1320	OZ
8S16E29	ALMOND	5/30/2006	G	202	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	2424	OZ
8S16E30	ALMOND	5/30/2006	G	10	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/	ABAMECTIN	128	OZ
8S16E30	ALMOND	5/30/2006	G	10	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	80	OZ
8S16E30	ALMOND	5/30/2006	G	10	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	160	OZ
8S16E33	PISTACHIO	5/30/2006	G	116	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	15	GA
8S16E33	PISTACHIO	5/30/2006	G	116	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1392	OZ
8S16E33	PISTACHIO	5/30/2006	G	116	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	1392	OZ
8S16E34	PISTACHIO	5/30/2006	G	110	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	14	GA
8S16E34	PISTACHIO	5/30/2006	G	105	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	13	GA
8S16E34	PISTACHIO	5/30/2006	G	80	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	10	GA
8S16E34	PISTACHIO	5/30/2006	G	105	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1260	OZ
8S16E34	PISTACHIO	5/30/2006	G	110	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1320	OZ
8S16E34	PISTACHIO	5/30/2006	G	80	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	960	OZ
8S16E34	PISTACHIO	5/30/2006	G	105	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	1260	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S16E34	PISTACHIO	5/30/2006	G	110	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	1320	OZ
8S16E34	PISTACHIO	5/30/2006	G	80	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	960	OZ
9S15E3	GRAPE, RAISIN	5/30/2006	G	198	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	2376	MLIT R
8S15E13	ALMOND	5/31/2006	G	6	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	5	GA
8S15E14	TOMATO PROCESS	5/31/2006	G	75	100-801-AA	RIDOMIL GOLD EC	MEFENOXAM	2	GA
8S15E24	ALMOND	5/31/2006	G	36	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/	ABAMECTIN	461	OZ
8S15E24	ALMOND	5/31/2006	G	36	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	288	OZ
8S15E24	ALMOND	5/31/2006	G	36	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	576	OZ
8S16E30	ALMOND	5/31/2006	G	108	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	17	GA
8S16E30	ALMOND	5/31/2006	G	108	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	12	GA
9S13E14	SUGARBEE T	5/31/2006	G	75	264-613-ZB	NORTON SC SUSPENSION CONC	ETHOFUMESATE	94	PT
8S15E13	ALMOND	6/1/2006	G	2	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	1	GA
8S15E14	TOMATO PROCESS	6/1/2006	G	30	10163-101-AA	GOWAN TRIFLURALIN 4	TRIFLURALIN	2	GA
8S15E17	ALMOND	6/1/2006	G	79	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	790	OZ
8S15E17	ALMOND	6/1/2006	G	100	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	550	OZ
8S15E35	TOMATO FRESH	6/1/2006	G	9	2935-366-ZA	SEVIN 5 BAIT	CARBARYL	300	LBS
8S17E30	PISTACHIO	6/1/2006	G	150	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	4	GA
8S17E30	PISTACHIO	6/1/2006	G	150	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	21	GA
9S13E16	TOMATO PROCESS	6/1/2006	G	80	2935-366-ZA	SEVIN 5 BAIT	CARBARYL	1193	LBS
9S13E9	TOMATO PROCESS	6/1/2006	G	76	2935-366-ZA	SEVIN 5 BAIT	CARBARYL	1146	LBS
9S14E7	TOMATO FRESH	6/1/2006	G	67	66222-46-AA	TRIFLUREX HFP	TRIFLURALIN	100	PT
9S14E7	TOMATO FRESH	6/1/2006	G	25	66222-46-AA	TRIFLUREX HFP	TRIFLURALIN	38	PT
9S15E20	ALMOND	6/1/2006	G	62	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	992	OZ
8S13E34	CITRUS	6/2/2006	G	4	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	2	GA
8S15E14	PEACH	6/2/2006	G	4	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	32	OZ
8S15E14	PEACH	6/2/2006	G	11	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	88	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E14	PEACH	6/2/2006	G	4	4581-373-AA	MICROTHIOL SPECIAL MICRONI	SULFUR	40	LBS
8S15E14	PEACH	6/2/2006	G	11	4581-373-ZB	MICROTHIOL DISPERSS MICRON	SULFUR	110	LBS
8S15E15	PEACH	6/2/2006	G	10	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	80	OZ
8S15E15	PEACH	6/2/2006	G	10	4581-373-AA	MICROTHIOL SPECIAL MICRONI	SULFUR	100	LBS
8S15E21	TOMATO FRESH	6/2/2006	G	40	352-372-AA	DU PONT VYDATE L INSECTICI	OXAMYL	10	GA
8S15E21	TOMATO FRESH	6/2/2006	G	23	62719-292-AA	SUCCESS	SPINOSAD	90	OZ
8S15E23	PEPPER FRUITNG	6/2/2006	G	31	55146-73-AA	ULTRA FLOURISH	MEFENOXAM	2	GA
8S15E35	TOMATO FRESH	6/2/2006	G	40	352-372-AA	DU PONT VYDATE L INSECTICI	OXAMYL	10	GA
8S15E35	TOMATO FRESH	6/2/2006	G	10	62719-292-AA	SUCCESS	SPINOSAD	40	OZ
9S14E17	COTTON	6/2/2006	G	34	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	8	GA
9S14E20	COTTON	6/2/2006	G	30	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	8	GA
9S14E22	COTTON	6/2/2006	G	75	59639-78-AA	PRISM HERBICIDE	CLETHODIM	1496	OZ
9S14E22	COTTON	6/2/2006	G	1	59639-78-AA	PRISM HERBICIDE	CLETHODIM	20	OZ
9S15E3	GRAPE, RAISIN	6/2/2006	G	198	264-652-ZA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	66	GA
9S16E7	FIG	6/2/2006	G	82	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	31	GA
8S14E26	TOMATO FRESH	6/3/2006	A	40	7969-58-AA	POAST	SETHOXYDIM	8	GA
8S15E36	TOMATO PROCESS	6/3/2006	G	36	3125-325-ZA	SENCOR DF 75% DRY FLOWABLE	METRIBUZIN	24	LBS
8S17E30	PISTACHIO	6/3/2006	G	160	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	4	GA
8S17E30	PISTACHIO	6/3/2006	G	160	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	23	GA
9S15E15	GRAPE, WINE	6/3/2006	G	40	2935-48-ZA	WILBUR-ELLIS DUSTING SULFU	SULFUR	600	LBS
9S15E16	GRAPE, WINE	6/3/2006	G	608	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	7296	LBS
9S15E16	GRAPE, WINE	6/3/2006	G	96	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	1152	LBS

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
9S15E2	ALMOND	6/3/2006	G	52	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	23	GA
8S15E35	TOMATO FRESH	6/4/2006	G	40	352-372-AA	DU PONT VYDATE L INSECTICI	OXAMYL	15	GA
8S13E29	CORN FOR/FOD	6/5/2006	G	28	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	899	OZ
8S13E29	CORN FOR/FOD	6/5/2006	G	44	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	1402	OZ
8S13E29	CORN FOR/FOD	6/5/2006	G	18	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	579	OZ
8S13E29	CORN FOR/FOD	6/5/2006	G	12	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	397	OZ
8S13E29	CORN FOR/FOD	6/5/2006	G	53	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	1706	OZ
8S13E29	CORN FOR/FOD	6/5/2006	G	33	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	1059	OZ
8S13E29	CORN FOR/FOD	6/5/2006	G	33	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	1050	OZ
8S13E29	CORN FOR/FOD	6/5/2006	G	45	524-537-AA	ROUNDUP WEATHERMAX HERBICI	GLYPHOSATE, POTASSIUM SALT	1434	OZ
8S15E21	TOMATO FRESH	6/5/2006	G	40	55146-73-AA	ULTRA FLOURISH	MEFENOXAM	4	GA
8S15E36	TOMATO PROCESS	6/5/2006	G	89	100-801-AA	RIDOMIL GOLD EC	MEFENOXAM	3	GA
8S17E29	PISTACHIO	6/5/2006	G	160	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	4	GA
8S17E29	PISTACHIO	6/5/2006	G	160	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	23	GA
9S14E16	COTTON	6/5/2006	G	55	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	14	GA
9S15E2	ALMOND	6/5/2006	G	10	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	4	GA
9S15E2	ALMOND	6/5/2006	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	40	OZ
8S15E36	TOMATO PROCESS	6/6/2006	G	36	10163-99-AA	GOWAN TRIFLURALIN 5	TRIFLURALIN	3	GA
9S14E7	ALFALFA	6/6/2006	A	53	62719-131-AA	TREFLAN TR-10	TRIFLURALIN	1064	LBS
9S14E7	ALFALFA	6/6/2006	A	41	62719-131-AA	TREFLAN TR-10	TRIFLURALIN	811	LBS
9S15E12	GRAPE, WINE	6/6/2006	G	628	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	228	GA
9S15E16	GRAPE, WINE	6/6/2006	G	608	10163-273-AA	RUBIGAN E.C.	FENARIMOL	2432	FLO Z
9S15E16	GRAPE, WINE	6/6/2006	G	96	10163-273-AA	RUBIGAN E.C.	FENARIMOL	384	FLO Z

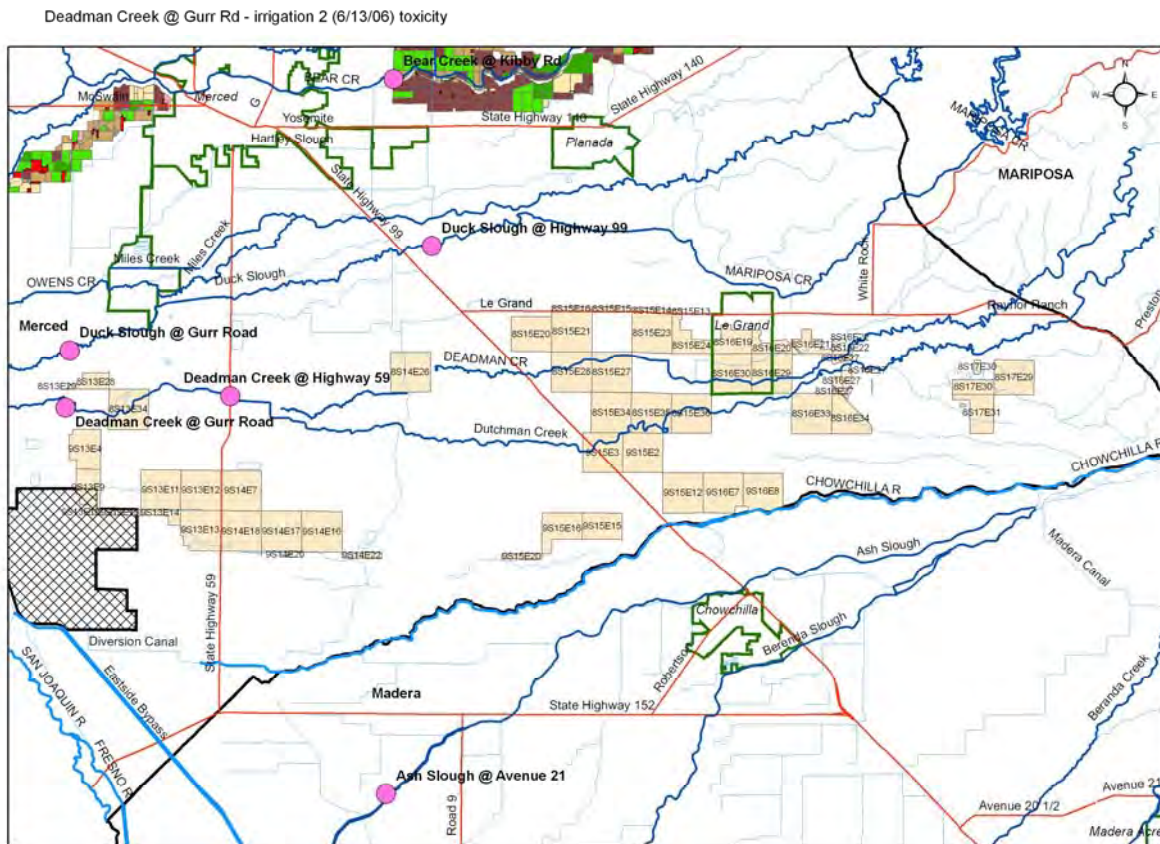
TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
9S15E16	GRAPE, WINE	6/6/2006	G	608	2935-407-ZA	GOLDEN-DEW	SULFUR	1824	LBS
9S15E16	GRAPE, WINE	6/6/2006	G	96	2935-407-ZA	GOLDEN-DEW	SULFUR	288	LBS
9S15E16	GRAPE, WINE	6/6/2006	G	96	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	960	FLO Z
9S15E16	GRAPE, WINE	6/6/2006	G	608	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	6080	FLO Z
8S13E28	SUGARBEE T	6/7/2006	G	45	1812-355-ZA	TRILIN	TRIFLURALIN	67	PT
8S15E15	PEACH	6/7/2006	G	10	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	80	OZ
8S15E15	PEACH	6/7/2006	G	10	4581-373-ZB	MICROTHIOL DISPERSS MICRON	SULFUR	100	LBS
8S15E21	TOMATO FRESH	6/7/2006	G	40	352-372-AA	DU PONT VYDATE L INSECTICI	OXAMYL	15	GA
9S13E15	TOMATO PROCESS	6/7/2006	A	76	2935-48-ZA	WILBUR-ELLIS DUSTING SULFU	SULFUR	1900	LBS
9S13E15	TOMATO PROCESS	6/7/2006	A	78	2935-48-ZA	WILBUR-ELLIS DUSTING SULFU	SULFUR	1938	LBS
9S14E16	COTTON	6/7/2006	G	38	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	9	GA
9S16E8	ALMOND	6/7/2006	G	140	10965-50012-AA	RODENT BAIT FUMARIN TREATE	COUMAFURYL	576	OZ
8S15E14	CORN, HUMAN CON	6/8/2006	A	38	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	3	GA
8S15E16	ALMOND	6/8/2006	G	5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	154	OZ
8S15E20	ALMOND	6/8/2006	G	49	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	66	PT
8S15E20	ALMOND	6/8/2006	G	42	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	59	PT
8S15E20	ALMOND	6/8/2006	G	42	62719-424-AA	GOAL 2XL	OXYFLUORFEN	76	OZ
8S15E20	ALMOND	6/8/2006	G	49	62719-424-AA	GOAL 2XL	OXYFLUORFEN	88	OZ
8S15E23	CORN, HUMAN CON	6/8/2006	A	50	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	3	GA
8S15E23	CORN, HUMAN CON	6/8/2006	A	46	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	3	GA
8S15E36	CORN, HUMAN CON	6/8/2006	A	100	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	7	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E36	CORN, HUMAN CON	6/8/2006	A	95	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	6	GA
8S16E19	ALMOND	6/8/2006	G	4	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	5	GA
8S16E19	TOMATO PROCESS	6/8/2006	G	64	3125-325-ZA	SENCOR DF 75% DRY FLOWABLE	METRIBUZIN	17	LBS
8S16E19	ALMOND	6/8/2006	G	6	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	2	GA
8S16E19	ALMOND	6/8/2006	G	6	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	24	OZ
8S16E20	TOMATO FRESH	6/8/2006	G	31	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	8	GA
8S17E31	PISTACHIO	6/8/2006	G	310	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	8	GA
8S17E31	PISTACHIO	6/8/2006	G	310	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTIC	PERMETHRIN	44	GA
9S13E12	ALFALFA	6/8/2006	A	40	62719-131-AA	TREFLAN TR-10	TRIFLURALIN	800	LBS
9S13E15	COTTON	6/8/2006	G	80	100-1147-AA	CENTRIC 40WG	THIAMETHOXAM	159	OZ
9S13E15	COTTON	6/8/2006	G	80	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/I	ABAMECTIN	159	OZ
9S13E15	COTTON	6/8/2006	G	80	1812-400-AA	MEPEX	MEPIQUAT CHLORIDE	398	OZ
9S14E17	COTTON	6/8/2006	G	55	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	14	GA
9S14E20	COTTON	6/8/2006	G	30	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	8	GA
9S14E7	ALFALFA	6/8/2006	A	35	62719-131-AA	TREFLAN TR-10	TRIFLURALIN	698	LBS
9S16E8	ALMOND	6/8/2006	G	161	10965-50012-AA	RODENT BAIT FUMARIN TREATE	COUMAFURYL	224	OZ
8S15E16	ALMOND	6/9/2006	G	36	524-539-AA	ROUNDUP ORIGINAL MAX HERBI	GLYPHOSATE, POTASSIUM SALT	679	OZ
8S15E16	ALMOND	6/9/2006	G	36	62719-424-AA	GOAL 2XL	OXYFLUORFEN	62	OZ
8S16E19	TOMATO PROCESS	6/9/2006	G	20	3125-325-ZA	SENCOR DF 75% DRY FLOWABLE	METRIBUZIN	13	LBS
8S16E30	ALMOND	6/9/2006	G	14	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	5	GA
8S16E30	ALMOND	6/9/2006	G	14	42750-19-ZA	ORCHARD STAR	2,4-D, DIMETHYLAMINE SALT	5	GA
9S13E11	COTTON	6/9/2006	A	85	100-897-ZA	ZEPHYR 0.15EC	ABAMECTIN	5	GA
9S13E11	COTTON	6/9/2006	A	85	3125-524-AA	LEVERAGE 2.7 SUSPENSION EM	CYFLUTHRIN	319	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
9S13E11	COTTON	6/9/2006	A	85	3125-524-AA	LEVERAGE 2.7 SUSPENSION EM	IMIDACLOPRID	319	OZ
9S13E14	CORN FOR/FOD	6/9/2006	A	42	400-104-ZA	COMITE	PROPARGITE	16	GA
9S13E15	COTTON	6/9/2006	G	77	100-1147-AA	CENTRIC 40WG	THIAMETHOXAM	155	OZ
9S13E15	COTTON	6/9/2006	G	77	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/I	ABAMECTIN	155	OZ
9S13E15	COTTON	6/9/2006	G	77	1812-400-AA	MEPEX	MEPIQUAT CHLORIDE	387	OZ
9S13E15	COTTON	6/9/2006	G	77	1812-400-AA	MEPEX	MEPIQUAT CHLORIDE	687	OZ
9S13E16	CORN FOR/FOD	6/9/2006	A	50	400-104-ZA	COMITE	PROPARGITE	19	GA
9S13E4	COTTON	6/9/2006	G	41	1812-400-AA	MEPEX	MEPIQUAT CHLORIDE	162	OZ
9S14E18	COTTON	6/9/2006	G	75	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	19	GA
9S14E7	TOMATO FRESH	6/9/2006	G	67	100-801-ZA	RIDOMIL GOLD EC	MEFENOXAM	266	OZ
8S15E13	ALMOND	6/10/2006	G	10	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	1	GA
8S15E13	ALMOND	6/10/2006	G	10	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	30	OZ
8S15E21	TOMATO FRESH	6/10/2006	G	23	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	135	OZ
8S15E35	TOMATO FRESH	6/10/2006	G	8	352-515-AA	DU PONT ASANA XL INSECTICI	ESFENVALERATE	45	OZ
8S16E19	TOMATO PROCESS	6/10/2006	G	49	100-801-AA	RIDOMIL GOLD EC	MEFENOXAM	2	GA
8S16E19	TOMATO PROCESS	6/10/2006	G	64	100-801-AA	RIDOMIL GOLD EC	MEFENOXAM	2	GA
8S16E21	ALMOND	6/10/2006	G	15	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	2	GA
8S16E21	ALMOND	6/10/2006	G	15	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	45	OZ
8S16E29	ALMOND	6/10/2006	G	60	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	180	PT
9S13E13	SUGARBEE T	6/10/2006	G	36	1812-355-ZA	TRILIN	TRIFLURALIN	54	PT
9S13E15	COTTON	6/10/2006	G	80	100-1147-AA	CENTRIC 40WG	THIAMETHOXAM	159	OZ
9S13E15	COTTON	6/10/2006	G	80	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/I	ABAMECTIN	159	OZ
9S13E15	COTTON	6/10/2006	G	80	1812-400-AA	MEPEX	MEPIQUAT CHLORIDE	398	OZ
9S15E12	GRAPE, WINE	6/10/2006	G	628	4581-373-AA	MICROTHIOL SPECIAL MICRONI	SULFUR	1256	LBS

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
9S15E12	GRAPE, WINE	6/10/2006	G	628	62719-375-AA	QUINTEC	QUINOXYFEN	2511	OZ
9S15E12	GRAPE, WINE	6/10/2006	G	628	7969-106-ZA	NEXTER MITICIDE/INSEC TITID	PYRIDABEN	324	LBS
8S15E13	ALMOND	6/11/2006	G	12	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	5	GA
8S15E13	ALMOND	6/11/2006	G	12	42750-19-ZA	ORCHARD STAR	2,4-D, DIMETHYLAMINE SALT	5	GA
8S15E34	ALMOND	6/11/2006	G	8	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	2	GA
8S16E21	ALMOND	6/11/2006	G	1	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	1	QT
8S16E21	ALMOND	6/11/2006	G	1	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	8	OZ
8S15E14	PEACH	6/12/2006	G	4	524-539-AA	ROUNDUP ORIGINAL MAX HERBI	GLYPHOSATE, POTASSIUM SALT	7	QT
8S15E15	PEACH	6/12/2006	G	3	524-539-AA	ROUNDUP ORIGINAL MAX HERBI	GLYPHOSATE, POTASSIUM SALT	11	QT
8S15E23	PEPPER FRUITNG	6/12/2006	G	30	352-372-AA	DU PONT VYDATE L INSECTICI	OXAMYL	11	GA
8S16E20	ALMOND	6/12/2006	G	28	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	89	PT
8S16E20	ALMOND	6/12/2006	G	58	524-539-AA	ROUNDUP ORIGINAL MAX HERBI	GLYPHOSATE, POTASSIUM SALT	39	PT
8S16E20	ALMOND	6/12/2006	G	28	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	112	OZ
8S16E20	ALMOND	6/12/2006	G	58	72167-17-AA-73220	FARMSAVER.COM ORYZALIN 4 A	ORYZALIN	39	PT
8S16E20	ALMOND	6/12/2006	G	58	72167-32-AA-73220	FARMSAVER.COM OXIFLO 2 EC	OXYFLUORFEN	39	PT
8S16E27	N-OUTDR PLANTS	6/12/2006	G	20	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	30	PT
8S16E27	N-OUTDR PLANTS	6/12/2006	G	20	62719-424-AA	GOAL 2XL	OXYFLUORFEN	60	OZ
8S16E29	ALMOND	6/12/2006	G	20	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	20	QT
8S16E29	ALMOND	6/12/2006	G	20	62719-424-AA	GOAL 2XL	OXYFLUORFEN	80	OZ
8S15E14	TOMATO FRESH	6/13/2006	G	30	100-816-ZA	DUAL MAGNUM HERBICIDE	S-METOLACHLOR	23	PT
8S15E16	WALNUT	6/13/2006	G	5	70060-14-AA	SURROUND WP CROP PROTECTAN	KAOLIN	250	LBS
8S15E27	PEACH	6/13/2006	G	18	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	27	PT
8S15E27	PEACH	6/13/2006	G	18	62719-424-AA	GOAL 2XL	OXYFLUORFEN	54	OZ
8S15E28	ALMOND	6/13/2006	G	20	264-652-ZA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	20	PT

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S16E20	CORN, HUMAN CON	6/13/2006	A	25	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	213	OZ
8S16E21	CORN, HUMAN CON	6/13/2006	G	38	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	323	OZ
8S16E21	CORN, HUMAN CON	6/13/2006	A	35	264-719-AA	OBERON 2SC INSECTICIDE/MI T	SPIROMESIFEN	298	OZ
8S16E29	ALMOND	6/13/2006	G	20	524-454- AA-55467	TENKOZ BUCCANEER PLUS HERB	GLYPHOSATE, ISOPROPYLAMINE SA	20	QT
8S16E29	ALMOND	6/13/2006	G	20	62719-424- AA	GOAL 2XL	OXYFLUORFEN	80	OZ
9S15E15	GRAPE, WINE	6/13/2006	G	40	2935-48-ZA	WILBUR-ELLIS DUSTING SULFU	SULFUR	800	LBS



Prairie Flower Drain @ Crows Landing Rd – irrigation 3 (7/13/06)

Survival of 8% was reported for *Pimephales* for the sample collected at the Prairie Flower Drain # Crows Landing Rd. site subwatershed during the irrigation 3 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. The re-sampling on 7/20/06 of Prairie Flower Drain @ Crows Landing Road resulted in toxicity towards *Pimephales*, with only 70% survival. These results indicate that the toxicity observed on July 13, 2006 in the Prairie Flower Drain was persistent, albeit reduced.

Prairie Flower Drain @ Crows Landing Road site has shown water toxicity once previously this year, in a sample taken on March 16, 2006 (reported in the March 23, 2006 Exceedance Report). The fourth Irrigation sampling event that occurred on August 10, 2006, showed no toxicity for the sample at this site.

Due to a greater than 50% reduction in the sample, Toxicity Identification Evaluation (TIE) testing was initiated for Prairie Flower Drain @ Crows Landing Road site. Re-sampling occurred on July 20, 2006.

TIE testing of the Prairie Flower Drain @ Crows Landing Road sample produced 100% mortality within the untreated sample. However, removal of ammonia from the sample with Zeolite completely removed the toxicity from the water sample and increased survival of *Pimephales*. to 100%. These results indicate that the toxicity was most probably a result of ammonia in the water. The concentration of ammonia at the site was 18 mg/L and the concentration of ammonia measured by the laboratory prior to setting up the toxicity test was 16.8 mg/L indicating that sufficient ammonia was present to cause the toxicity.

Given the results of the TIE testing of the Prairie Flower Drain @ Crows Landing Road site, it appears that ammonia was the primary constituent producing toxicity within the sample.

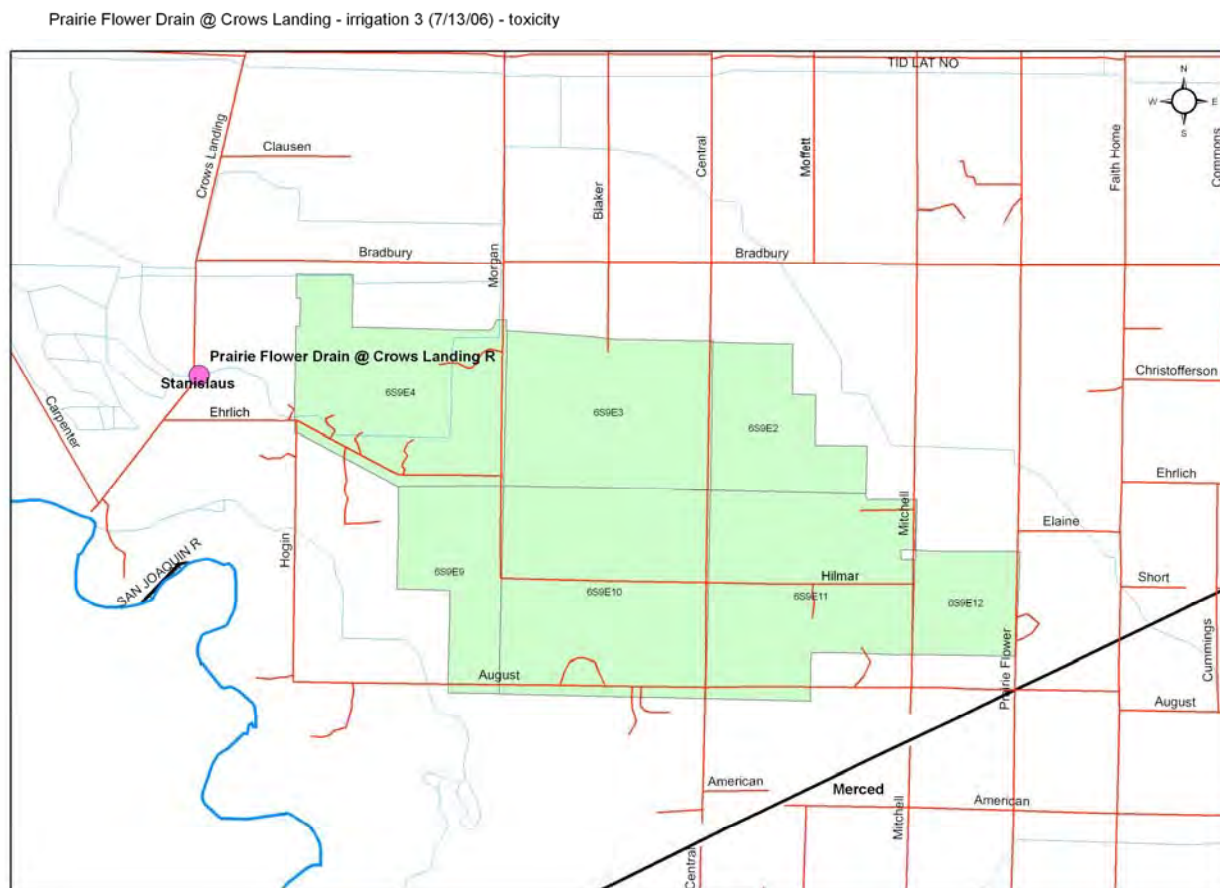
Table 48. Pesticide applications at Prairie Flower Drain @ Crows Landing Rd - irrigation 3.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S9E10	CORN FOR/FOD	07/04/06	G	60	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	15	GA
6S9E11	CORN FOR/FOD	07/04/06	G	50	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	37.5	OZ
6S9E11	CORN FOR/FOD	07/04/06	G	50	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	37.5	OZ
6S9E11	CORN FOR/FOD	07/04/06	G	74	400-104-ZA	COMITE	PROPARGITE	18.5	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S9E11	CORN FOR/FOD	07/04/06	G	72	400-104-ZA	COMITE	PROPARGITE	18	GA
6S9E11	CORN FOR/FOD	07/04/06	G	70	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	17.5	GA
6S9E11	CORN FOR/FOD	07/08/06	A	35	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	2.19	GA
6S9E11	CORN FOR/FOD	07/12/06	G	17	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	13	OZ
6S9E11	CORN FOR/FOD	07/12/06	G	120	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	5.63	LB
6S9E11	CORN FOR/FOD	07/12/06	G	17	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	13	OZ
6S9E11	CORN FOR/FOD	07/12/06	G	70	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	3.28	LB
6S9E11	CORN FOR/FOD	07/12/06	G	120	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	5.63	LB
6S9E11	CORN FOR/FOD	07/12/06	G	70	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	3.28	LB
6S9E12	CORN FOR/FOD	07/04/06	G	22	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	1.4	GA
6S9E12	CORN FOR/FOD	07/04/06	G	22	51036-110-AA	DIMETHOATE 4E	DIMETHOATE	2.7	GA
6S9E12	CORN FOR/FOD	07/07/06	G	28	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	1.31	LB
6S9E12	CORN FOR/FOD	07/07/06	G	28	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	1.31	LB
6S9E12	CORN FOR/FOD	07/11/06	A	35	264-719-AA	OBERON 2SC INSECTICIDE/MITICIDE	SPIROMESIFEN	2.19	GA
6S9E12	CORN FOR/FOD	07/11/06	G	40	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	10	GA
6S9E2	CORN FOR/FOD	06/30/06	G	20	19713-231-AA	DREXEL DIMETHOATE 4EC	DIMETHOATE	2.5	GA
6S9E2	CORN FOR/FOD	06/30/06	G	61	19713-231-AA	DREXEL DIMETHOATE 4EC	DIMETHOATE	7.63	GA
6S9E2	CORN FOR/FOD	06/30/06	G	61	70506-58-AA	BIFENTURE EC	BIFENTHRIN	3	GA
6S9E2	CORN FOR/FOD	06/30/06	G	20	70506-58-AA	BIFENTURE EC	BIFENTHRIN	1	GA
6S9E2	CORN FOR/FOD	07/07/06	G	40	51036-198-AA	CYMATE 267	DIMETHOATE	40	PT
6S9E2	CORN FOR/FOD	07/07/06	G	48	51036-198-AA	CYMATE 267	DIMETHOATE	48	PT
6S9E2	CORN FOR/FOD	07/07/06	G	40	70506-58-AA	BIFENTURE EC	BIFENTHRIN	232.4	OZ
6S9E2	CORN FOR/FOD	07/07/06	G	48	70506-58-AA	BIFENTURE EC	BIFENTHRIN	278.88	OZ
6S9E3	CORN FOR/FOD	07/07/06	G	44	51036-198-AA	CYMATE 267	DIMETHOATE	44	PT
6S9E3	CORN FOR/FOD	07/07/06	G	44	70506-58-AA	BIFENTURE EC	BIFENTHRIN	255.64	OZ
6S9E4	CORN FOR/FOD	06/30/06	G	50	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	12.5	GA
6S9E4	CORN	07/04/06	G	40	524-539-AA	ROUNDUP ORIGINAL	GLYPHOSATE,	10	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
	FOR/FOD	6				MAX HERBICIDE	POTASSIUM SALT		
6S9E4	CORN FOR/FOD	07/06/06	G	10	51036-110-AA	DIMETHOATE 4E	DIMETHOATE	2.25	GA
6S9E4	CORN FOR/FOD	07/06/06	G	18	51036-110-AA	DIMETHOATE 4E	DIMETHOATE	2.25	GA
6S9E4	CORN FOR/FOD	07/06/06	G	10	70506-58-AA	BIFENTURE EC	BIFENTHRIN	0.77	GA
6S9E4	CORN FOR/FOD	07/06/06	G	18	70506-58-AA	BIFENTURE EC	BIFENTHRIN	0.78	GA
6S9E4	CUCUMBER	07/08/06	G	1.5	352-342-AA	DU PONT LANNATE METHOMYL INSECTICIDE	METHOMYL	12	OZ
6S9E4	CORN FOR/FOD	07/11/06	G	40	33906-11-AA-524	YUKON HERBICIDE	HALOSULFURON-METHYL	16.25	LB
6S9E4	CORN FOR/FOD	07/11/06	G	40	33906-11-AA-524	YUKON HERBICIDE	DICAMBA, SODIUM SALT	16.25	LB
6S9E4	CORN FOR/FOD	07/11/06	G	40	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	10	GA
6S9E9	CORN FOR/FOD	07/05/06	G	153	524-445-ZF	ROUNDUP ORIGINAL HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	153	QT

Figure 45. Location of Pesticide applications at Prairie Flower Drain @ Crows Landing Rd - irrigation 3.



***Ceriodaphnia dubia* toxicity**

Bear Creek @ Kibby Rd – irrigation 1 (5/17/06).

Survival of 0% was reported for *Ceriodaphnia* for the sample collected at the Bear Creek @ Kibby Rd site subwatershed during the irrigation 1 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. Due to the 100% mortality of *Ceriodaphnia*, a dilution series was performed in order to determine the magnitude of toxicity present (Table 49). A $\geq 15\%$ survival was observed at 12.5% and greater ambient water concentrations, which was significantly less than the lab control. The resulting No Observed Effect Concentration (NOEC) was 6.25% ambient water; the EC_{50} was 9.8% ambient water, resulting in 10.2 TU_a (where $TU_a = 100/EC_{50}$).

Table 49. Dilution series results for samples taken from Bear Creek @ Kibby Road on 5/17/06.

BCAKR Treatment	% Survival
Lab Control	100
6.25%	100
12.5%	15*
25%	0*
50%	0*
100%	0*
Summary of Statistics	
NOEC =	6.25% BCAKR
EC_{50} =	9.8% BCAKR
$TU_a (100/EC_{50})$ =	10.2 TU_a

*Significantly less than the corresponding Lab Control treatment response at $p < 0.05$.

There was 100% mortality in the Baseline TIE (untreated Bear Creek @ Kibby Road sample), indicating that the toxicity in the sample was persistent (Table 50). Survival in the centrifuge treatment was 0% suggesting that particulate associated contaminants were not responsible for the toxicity. The C18-SPE treatment removed the toxicity which indicates that a non-polar organic

compound was likely responsible for the toxicity. The PBO treatment did not reduce the toxicity suggesting that a metabolically-activated substance was not involved.

Table 50. TIE results for the sample from Bear Creek @ Kibby Road collected on 3/15/06.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation Blank	100
C ₁₈ SPE Blank	100
PBO Blank	100
Baseline (untreated 100% ambient sample)	0*
Centrifuged Sample	0*
C ₁₈ SPE-treated Sample	95
PBO-treated Sample	0*

* Statistically significantly different from the control.

The site was re-sampled on May 25, 2006. There was no significant reduction in survival (100% survival) in the sample compared to the lab control which indicates that the toxicity found at Bear Creek was not persistent.

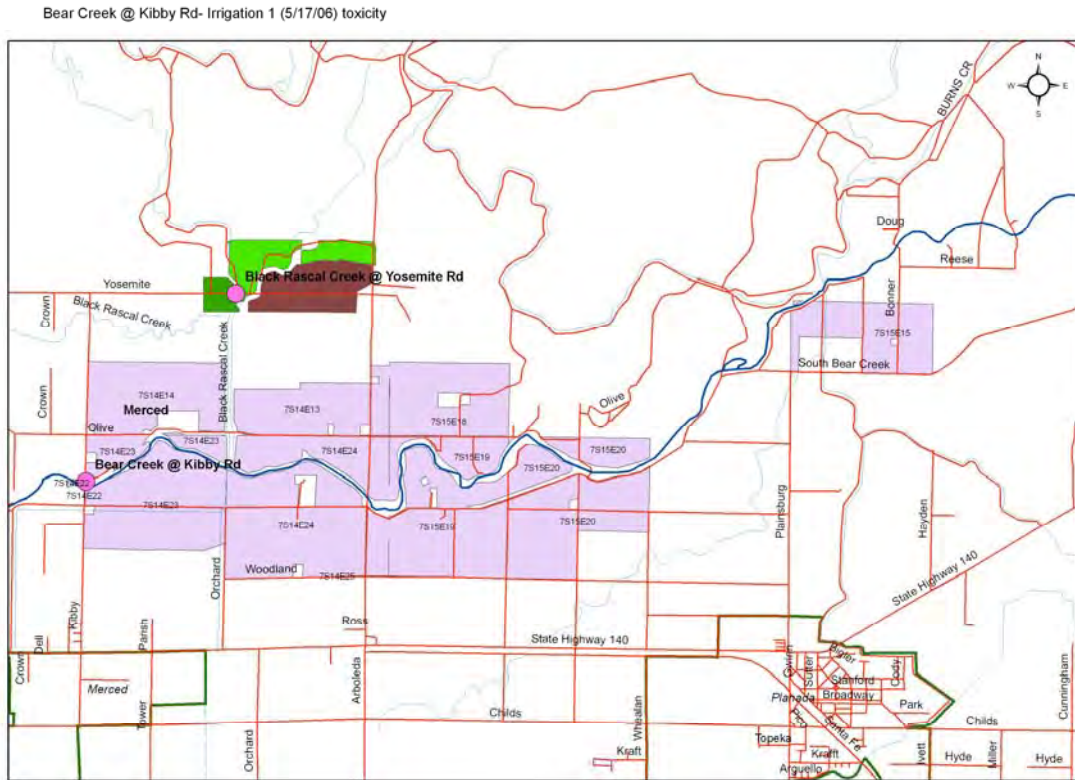
Chlorpyrifos detected during this monitoring event at 0.52 µg/L. Pesticide use data for irrigation 1 is presented in Table 51. Dilution series tests indicated that there were 10.2 Toxic Units (TUa) at Bear Creek. The TIE indicated that a metabolically activated pesticide was responsible for the toxicity. No other organophosphate pesticides were detected at the site. Using the range for 48hr LC50 of 0.05 – 0.08 µg/L, all of the toxicity at both sites is accounted for by the amount of chlorpyrifos in the water. There was no toxicity to any other test organism. These results indicate that the chlorpyrifos concentration in the water body was the primary cause of the water toxicity for that event. Chemical analysis indicates that the toxicity to *Ceriodaphnia* could be a function of chlorpyrifos found in the sample at a concentration of 0.52 µg/L. The results of

the TIE suggest that a metabolically activated pesticide was not responsible. However, using an LC50 of 0.053 µg/L, the concentration of chlorpyrifos in the water accounts for 9.8 TU_a, about 4% less TU_a than found in the sample. Given the relative error in the estimation of TU_a and the LC50, we believe that we can account for all of the toxicity with the concentration of chlorpyrifos found in the sample. No other chemical from Table 1 of the Monitoring and Reporting Program Order No. R5-2005-0833 was detected in the sample. Our inability to remove toxicity with the PBO treatment is likely due to large amount of chlorpyrifos in the sample. We simply could not reduce the level of toxicity to the point where we improved survival.

Table 51. Pesticide applications in the Bear Creek @ Kibby Road site subwatershed during the 2 weeks prior to May 17 sampling.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
7S14E14	WALNUT	5/4/2006	G	30	62719-424-AA	GOAL 2XL	OXYFLUORFEN	289	PT
7S15E20	WALNUT	5/5/2006	G	5	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	5	OZ
7S14E23	PEACH	5/6/2006	G	90	279-3014-AA	POUNCE 3.2 EC	PERMETHRIN	900	OZ
7S14E23	PEACH	5/6/2006	G	90	2935-92-ZA	WILBUR-ELLIS SPRAY SULFUR	SULFUR	1800	LBS
7S15E18	WALNUT	5/6/2006	G	88	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	845	OZ
7S15E18	WALNUT	5/6/2006	G	88	45002-4-ZC	NU-COP 50DF	COPPER HYDROXIDE	352	LBS
7S15E19	ALMOND	5/6/2006	G	165	4581-373-ZB	MICROTHIOL DISPERSS MICRONIZED WETTABLE	SULFUR	990	LBS
7S15E19	ALMOND	5/6/2006	G	10	4581-373-ZB	MICROTHIOL DISPERSS MICRONIZED WETTABLE	SULFUR	60	LBS
7S14E22	ALMOND	5/8/2006	G	20	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	AVERMECTIN	200	OZ
7S14E22	ALMOND	5/8/2006	G	20	62719-292-AA	SUCCESS	SPINOSAD	100	OZ
7S15E18	WALNUT	5/8/2006	G	30	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	30	OZ
7S15E15	PISTACHIO	5/9/2006	G	38	264-788-AA	SCALA BRAND SC FUNGICIDE	PYRIMETHANIL	768	OZ
7S15E15	PISTACHIO	5/9/2006	G	38	5905-50091-AA	INDUCE	METHOXYFENOZIDE	320	OZ
7S15E19	PEACH	5/9/2006	G	85	4581-373-ZB	MICROTHIOL DISPERSS MICRONIZED WETTABLE	SULFUR	510	LBS
7S14E13	WALNUT	5/13/2006	G	60	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	240	PT
7S14E13	ALMOND	5/17/2006	G	20	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	120	OZ
7S14E13	WALNUT	5/17/2006	G	31	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	16	GA
7S14E13	ALMOND	5/17/2006	G	20	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	160	OZ
7S14E14	ALMOND	5/17/2006	G	81	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	486	OZ
7S14E14	ALMOND	5/17/2006	G	81	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	648	OZ

Figure 46. Location of pesticide applications in the Bear Creek @ Kibby Road site subwatershed during the 2 weeks prior to May 17 sampling.



Berenda Slough along Ave 18 1/2 – irrigation 5 (9/12/06).

This was the first time Berenda Slough along Ave 18 ½ experienced exceedances in toxicity this year. The site was sampled again on September 21, 2006 in response to the toxicity exceedances experienced during the September 12, 2006 sampling event. No toxicity exceedance was observed from the September 21, 2006 sampling (Table 52).

Table 52. Re-sample toxicity results for Berenda Slough along Ave. 18 1/2.

Site	Treatment/Sample ID	% Survival
Berenda Slough along Ave. 18 1/2	Lab Control-re-test	95
Berenda Slough along Ave. 18 1/2	Ambient sample- re-test	100

The *C. dubia* test lab Control treatment exhibited a mean survival response of 95% and the percent survival of the *C. azteca* within the ambient samples taken September 21, 2006 was 100%. Toxicity at the site appears to not be persistent since the re-sampling of the Berenda Slough along Ave. 18 1/2 site showed insignificant (greater than 80% survival compared to control) toxicity.

Due to a greater than 50% reduction in survival within the September 12, 2006 ambient sample at Berenda Slough along Ave. 18 1/2, Toxicity Identification Evaluation (TIE) tests were performed to determine the source of toxicity.

Table 53. TIE results for Berenda Slough along Ave. 18 1/2 ambient water sample.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation blank	100
Centrifugation + C ₁₈ SPE Blank	95
PBO blank	100
Baseline (untreated 100% ambient sample)	0
Centrifuged sample	55
Centrifuged + C ₁₈ SPE-treated sample	100
PBO-treated sample	100

There was 100% survival in the Lab Control and complete mortality in the 100% Baseline sample, indicating that the toxicity that had been previously observed in the Berenda Slough sample was persistent at the time of the TIE. Both the

Centrifugation + C₁₈Solid Phase Extraction (C₁₈SPE) and the Piperonyl Butoxide (PBO) TIE treatments removed toxicity. These results indicate the presence of a metabolically-activated organic compound(s) as the toxic agent, and the effect of centrifugation indicates that chlorpyrifos could have been the toxic constituent.

TIE results indicate that a metabolically-activated organic compound was the cause of toxicity experienced in the sample taken from Berenda Slough along Ave. 18 1/2. Additional analysis of the sample from the Berenda Slough along Ave. 18 1/2 indicates that chlorpyrifos was present in the water during that sampling event at levels above the Receiving Water Limitation (Exceedance Report submitted October 20, 2006). Although the Berenda Slough along Ave. 18 1/2 site has not previously experienced a toxicity exceedance, it has experienced exceedances of chlorpyrifos. Berenda Slough along Ave. 18 1/2 experienced an exceedance of 0.042 µg/L during the July 11-13, 2006 sampling (Exceedance Report submitted August 29, 2006). It may be that the chlorpyrifos concentrations seen during the previous samplings were too low to produce any significant toxic effects. The Pesticide Use Reports (PURs) for the period immediately preceding the monitoring event have been requested however have not yet been received.

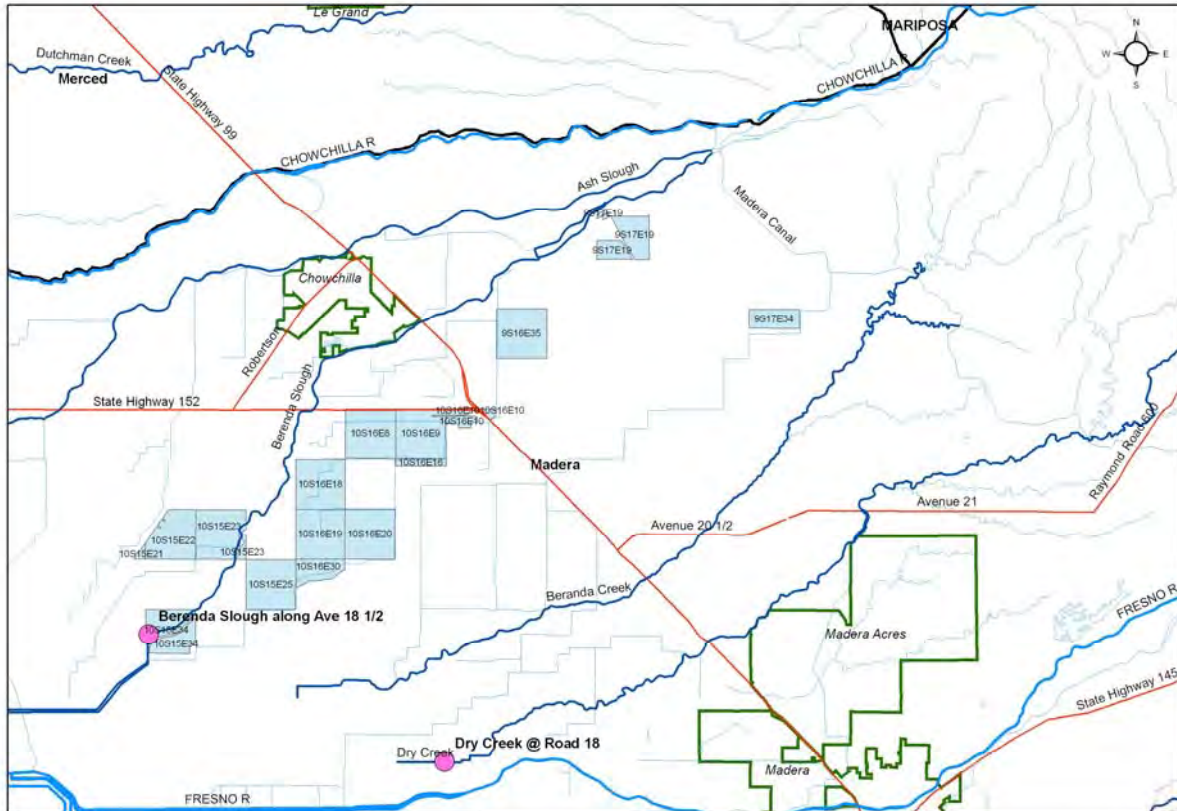
Table 54. Pesticide applications at Berenda Slough along Ave 18 1/2 - irrigation 5.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S15E22	ALMOND	8/29/2006	17	7969-225-AA-2935	DESPERADO	PYRIDABEN	17	GA
10S15E22	ALMOND	8/29/2006	17	7969-225-AA-2935	DESPERADO	SULFUR	17	GA
10S16E18	ALMOND	8/29/2006	31	524-537-AA	ROUNDUP WEATHERMAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	713	OZ
10S16E18	BEAN DRIED	8/30/2006	43	352-342-ZA	DU PONT LANNATE INSECTICIDE	METHOMYL	22	LB
10S16E19	BEAN DRIED	8/30/2006	53	352-342-ZA	DU PONT LANNATE INSECTICIDE	METHOMYL	27	LB
10S16E19	BEAN DRIED	8/30/2006	44	352-342-ZA	DU PONT LANNATE INSECTICIDE	METHOMYL	22	LB
9S16E35	CORN FOR/FOD	8/30/2006	49	400-104-ZA	COMITE	PROPARGITE	12	GA
10S16E18	ALMOND	8/31/2006	17	524-537-AA	ROUNDUP WEATHERMAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	391	OZ
10S15E25	ALMOND	9/1/2006	50	71711-19-AA	FUJIMITE 5EC	FENPYROXIMATE	1600	OZ
10S15E23	CORN FOR/FOD	9/2/2006	38	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	10	GA
10S15E23	CORN FOR/FOD	9/2/2006	19	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	5	GA
10S16E16	ALMOND	9/2/2006	225	100-1112-AA	WARRIOR INSECTICIDE WITH ZEO	LAMBDA-CYHALOTHRIN	9	GA
10S16E18	ALMOND	9/2/2006	11	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBIC	GLYPHOSATE, ISOPROPYLAMINE	4	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E9	ALMOND	9/2/2006	113	100-1112-AA	WARRIOR INSECTICIDE WITH ZEO	LAMBDA-CYHALOTHRIN	4	GA
10S16E10	PISTACHIO	9/4/2006	135	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	1620	OZ
10S16E10	PISTACHIO	9/4/2006	135	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1620	OZ
10S16E10	PISTACHIO	9/4/2006	135	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	1620	OZ
10S16E8	ALMOND	9/4/2006	40	524-445-ZE-55467	TENKOZ BUCCANEER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	20	GA
9S16E35	PISTACHIO	9/4/2006	40	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	480	OZ
9S16E35	PISTACHIO	9/4/2006	59	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	708	OZ
9S16E35	PISTACHIO	9/4/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	240	OZ
9S16E35	PISTACHIO	9/4/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	240	OZ
9S16E35	PISTACHIO	9/4/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
9S16E35	PISTACHIO	9/4/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
9S16E35	PISTACHIO	9/4/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	240	OZ
10S15E34	ALMOND	9/5/2006	17	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	40	PT
10S15E34	ALMOND	9/5/2006	17	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBIC	GLYPHOSATE, ISOPROPYLAMINE	20	PT
10S16E30	ALMOND	9/6/2006	289	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	723	PT
10S15E21	CORN FOR/FOD	9/7/2006	48	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	12	GA
10S16E20	ALFALFA	9/7/2006	80	352-638-AA	STEWARD EC	INDOXACARB	5	GA
9S17E34	PISTACHIO	9/7/2006	150	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	23	GA
9S17E34	PISTACHIO	9/7/2006	150	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	2	OZ
9S17E34	PISTACHIO	9/7/2006	150	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	2	OZ
9S17E19	PISTACHIO	9/8/2006	120	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	18	GA
9S17E19	PISTACHIO	9/8/2006	120	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	1200	OZ
9S17E19	PISTACHIO	9/8/2006	120	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1200	OZ
10S15E22	ALFALFA	9/11/2006	100	66222-60-AA	ARROW 2EC	CLETHODIM	11	GA
10S16E9	ALMOND	9/11/2006	113	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	4068	OZ

Table 55. Location of pesticide applications at Berenda Slough along Ave 18 1/2 - irrigation 5.

Berenda Slough along Ave 18 1/2 - irrigation 5 (9/12/06) - toxicity



Duck Slough @ Hwy 99 – irrigation 1 (5/17/06).

Survival of 0% was reported for *Ceriodaphnia* for the sample collected at the Duck Slough @ Hwy 99 site subwatershed during irrigation 1 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. Due to the 100% mortality of *Ceriodaphnia*, a dilution series was performed in order to determine the magnitude of toxicity present (Table 56). A $\geq 80\%$ survival was experienced at each of the test treatments up through the 25% ambient water concentration, none of which were significantly less than the lab control. Complete mortality was observed at 50% and greater ambient water concentrations, and both were significantly less than the lab control. The resulting No Observed Effect Concentration (NOEC) was 25% ambient water; the EC_{50} was 30.8% ambient water, resulting in 3.2 TU_a (where $TU_a = 100/EC_{50}$).

Table 56. Dilution series for samples taken from Duck Slough @ Hwy 99 on 5/17/06.

DSAPR Treatment	% Survival
Lab Control	100
6.25%	100
12.5%	100
25%	80
50%	0*
100%	0*
Summary of Statistics	
NOEC =	25% DSAPR
EC_{50} =	30.8% DSAPR
$TU_a (100/EC_{50})$ =	3.2 TU_a

*Significantly less than the corresponding Lab Control treatment response at $p < 0.05$.

There was 100% mortality in the Baseline TIE for DSAPR (untreated sample), indicating that the toxicity in the sample was persistent in the original sample (Table 57). The C18-SPE treatment removed the toxicity which is an indication that a non-polar organic compound was likely responsible for the toxicity. A metabolically activated substance may also have been at least partially involved due to the reduced toxicity after 48 hours of testing with the PBO treatment.

Table 57. Results of the targeted TIE for the Duck Slough @ Hwy 99 sample collected on 5/17/06.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation Blank	100
C ₁₈ SPE Blank	100
PBO Blank	100
Baseline (untreated 100% ambient sample)	0*
Centrifuged Sample	0*
C ₁₈ SPE-treated Sample	95
PBO-treated Sample	5*

* Statistically significantly different from the control.

The site was re-sampled on May 25, 2006. There was no significant reduction in survival (100% survival) in the sample compared to the lab control which indicates that the toxicity found at Duck Slough was not persistent

Chlorpyrifos was detected during this monitoring event at 0.27 µg/L. Pesticide use data for irrigation 1 is presented in Table 58. Dilution series tests indicated that there were 3.2 Toxic Units (TUa) at Duck Slough. The TIE indicated that a metabolically activated pesticide was responsible for the toxicity. No other organophosphate pesticides were detected at the sites. Using the range for 48hr LC50 of 0.05 – 0.08 µg/L, all of the toxicity at this site is accounted for by the amount of chlorpyrifos in the water. There was no toxicity to any other test organism. These results indicate that the chlorpyrifos concentrations in the water bodies were most probably the primary cause of the water toxicity for that event.

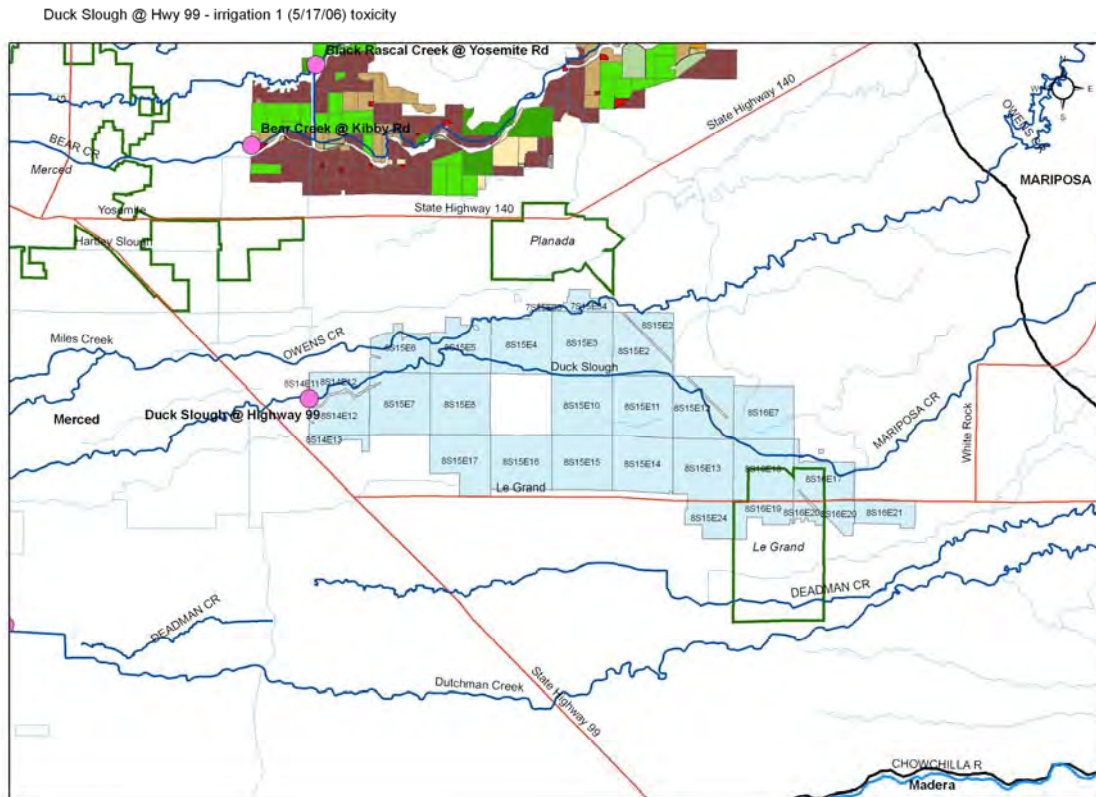
Table 58. Pesticide applications in the Duck Slough @ Hwy 99 site subwatershed during the 2 weeks prior to May 17 sampling.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E8	ALMOND	5/3/06	G	6	62719-424-AA	GOAL 2XL	OXYFLUORFEN	12	OZ
8S16E19	COTTON	5/3/06	G	76	264-426-ZB	TEMIK BRAND 15G LOCK'N LOAD ALDICARB PES	ALDICARB	570	LBS
8S16E20	ALMOND	5/3/06	G	27	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	345	OZ
8S16E19	TOMATO PROCESS	5/4/06	G	64	100-801-AA	RIDOMIL GOLD EC	MEFENOXAM	1.2	GA
8S14E13	PEACH	5/8/06	G	32	279-3014-AA	POUNCE 3.2 EC	PERMETHRIN	320	OZ
8S14E13	PEACH	5/8/06	G	32	2935-92-ZA	WILBUR-ELLIS SPRAY SULFUR	SULFUR	640	LBS
8S15E10	TOMATO FRESH	5/8/06	G	55	352-372-AA	DU PONT VYDATE L INSECTICIDE/NEMATICIDE	OXAMYL	22.5	GA
8S15E14	TOMATO FRESH	5/8/06	G	10	19713-231-AA	DREXEL DIMETHOATE 4EC	DIMETHOATE	10	PT
8S15E24	ALMOND	5/8/06	G	10	62719-424-AA	GOAL 2XL	OXYFLUORFEN	40	OZ
8S15E16	ALMOND	5/9/06	G	90	62719-424-AA	GOAL 2XL	OXYFLUORFEN	270	OZ
8S15E7	ALMOND	5/9/06	G	13	62719-424-AA	GOAL 2XL	OXYFLUORFEN	144	OZ
8S16E18	ALMOND	5/9/06	G	10	62719-424-AA	GOAL 2XL	OXYFLUORFEN	40	OZ
8S15E17	WALNUT	5/10/06	G	36	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	144	OZ
8S15E17	WALNUT	5/10/06	G	36	1812-288-ZA	KOCIDE 101	COPPER HYDROXIDE	288	LBS
8S15E17	ALMOND	5/10/06	G	50	71368-1-ZA	ORCHARD CLEAN 4L	2,4-D, DIMETHYLAMINE SALT	5.63	GA
8S15E24	ALMOND	5/10/06	G	15	62719-424-AA	GOAL 2XL	OXYFLUORFEN	60	OZ
8S15E3	PEPPER FRUITNG	5/10/06	G	34	3125-422-AA	ADMIRE 2 FLOWABLE	IMIDACLOPRID	1.6	GA
8S16E21	ALMOND	5/10/06	G	119	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1190	OZ
8S16E21	ALMOND	5/10/06	G	119	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	1190	OZ
8S15E11	WALNUT	5/12/06	G	17	59639-115-ZA	SEIZE 35 WP INSECT GROWTH REGULATOR	PYRIPROXYFEN	68	OZ
8S15E13	ALMOND	5/12/06	G	75	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	5.85	GA
8S15E13	ALMOND	5/12/06	G	75	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	37.5	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E24	TOMATO FRESH	5/12/06	G	43	352-372-AA	DU PONT VYDATE L INSECTICIDE/NEMATICIDE	OXAMYL	15	GA
8S15E12	WALNUT	5/13/06	G	40	464-448-ZA	LORSBAN 4E-HF INSECTICIDE	CHLORPYRIFOS	160	PT
8S15E12	WALNUT	5/13/06	G	40	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	160	PT
8S16E18	ALMOND	5/13/06	G	38	62719-424-AA	GOAL 2XL	OXYFLUORFEN	60	OZ
8S15E12	WALNUT	5/14/06	G	18	464-448-AA	LORSBAN 4E INSECTICIDE	CHLORPYRIFOS	72	PT
8S15E12	WALNUT	5/14/06	G	18	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	72	PT
8S15E10	ALMOND	5/15/06	G	10	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	0.78	GA
8S15E10	ALMOND	5/15/06	G	10	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	2.5	GA
8S15E11	ALMOND	5/15/06	G	60	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	4.68	GA
8S15E11	ALMOND	5/15/06	G	60	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	30	GA
8S15E15	WALNUT	5/15/06	G	20	464-448-AA	LORSBAN 4E INSECTICIDE	CHLORPYRIFOS	80	PT
8S15E15	WALNUT	5/15/06	G	20	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	80	PT
8S15E17	ALMOND	5/15/06	G	56	71368-1-ZA	ORCHARD CLEAN 4L	2,4-D, DIMETHYLAMINE SALT	3.15	GA
7S15E34	ALMOND	5/16/06	G	33	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	8.25	GA
8S14E12	ALMOND	5/16/06	G	60	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	194.4	OZ
8S14E12	ALMOND	5/16/06	G	60	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	631.8	OZ
8S14E12	ALMOND	5/16/06	G	20	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	200	OZ
8S14E12	ALMOND	5/16/06	G	20	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	256	OZ
8S15E12	WALNUT	5/16/06	G	10	464-448-AA	LORSBAN 4E INSECTICIDE	CHLORPYRIFOS	40	PT
8S15E12	WALNUT	5/16/06	G	10	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	40	PT
8S15E15	ALMOND	5/16/06	G	35	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	27	GA
8S15E15	ALMOND	5/16/06	G	20	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1.56	GA
8S15E15	ALMOND	5/16/06	G	20	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	5	GA
8S15E15	ALMOND	5/16/06	G	35	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	8.75	GA
8S15E24	PEPPER FRUITNG	5/16/06	G	50	352-372-AA	DU PONT VYDATE L INSECTICIDE/NEMATICIDE	OXAMYL	18.75	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
8S15E24	PEPPER FRUITNG	5/16/06	G	50	55146-73-AA	ULTRA FLOURISH	MEFENOXAM	4.7	GA
8S15E10	ALMOND	5/17/06	G	21	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	210	OZ
8S15E10	ALMOND	5/17/06	G	21	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	210	OZ
8S15E15	ALMOND	5/17/06	G	60	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	4.68	GA
8S15E15	ALMOND	5/17/06	G	60	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	15	GA
8S15E24	ALMOND	5/17/06	G	15	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	192	OZ
8S15E24	ALMOND	5/17/06	G	15	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	120	OZ
8S15E24	ALMOND	5/17/06	G	15	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	240	OZ
8S16E17	TOMATO FRESH	5/17/06	G	5	55146-73-AA	ULTRA FLOURISH	MEFENOXAM	50	OZ
8S16E17	TOMATO FRESH	5/17/06	G	25	55146-73-AA	ULTRA FLOURISH	MEFENOXAM	2	GA
8S16E18	ALMOND	5/17/06	G	85	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	850	OZ
8S16E18	ALMOND	5/17/06	G	85	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	850	OZ
8S16E20	ALMOND	5/17/06	G	27	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	345	OZ
8S16E20	ALMOND	5/17/06	G	14	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	179.2	OZ
8S16E20	ALMOND	5/17/06	G	14	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	112	OZ
8S16E20	ALMOND	5/17/06	G	27	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	324	OZ
8S16E20	ALMOND	5/17/06	G	14	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	224	OZ
8S16E21	ALMOND	5/17/06	G	37	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	3	GA
8S16E21	ALMOND	5/17/06	G	37	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 EC	ABAMECTIN	3	GA

Figure 47. Location of pesticide applications in the Duck Slough @ Hwy 99 site subwatershed during the 2 weeks prior to May 17 sampling.



Dry Creek @ Rd 18 – irrigation 2 (6/13/06).

Survival of 80% was reported for *Ceriodaphnia* for the sample collected at the Dry Creek @ Rd 18 site subwatershed during the irrigation 2 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. The sample taken at Dry Creek was re-tested in the lab because the Lab Control treatment did not meet test acceptability criteria due to less than 80% survival. Re-sampling occurred on June 29, 2006. The re-sample showed no (greater than 80% survival compared to control) toxicity (% survival was 100%) which indicates that the toxicity was not persistent. Since the original sample had a survival greater than 50%, no TIE and no dilution series tests were performed.

Table 59. Pesticide applications at Dry Creek @ Rd 18 - irrigation 2.

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E36	WINE GRAPES	5/30/2006	10	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	30	PT
10S16E36	WINE GRAPES	5/30/2006	10	68292-2-AA	WEEDAXE HERBICIDE	2,4-D, DIMETHYLAMINE SALT	15	PT
10S17E11	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S17E11	PISTACHIO	5/30/2006	26	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S17E11	PISTACHIO	5/30/2006	156	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	20	GA
10S17E11	PISTACHIO	5/30/2006	13	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S17E11	PISTACHIO	5/30/2006	26	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	312	OZ
10S17E11	PISTACHIO	5/30/2006	13	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	156	OZ
10S17E11	PISTACHIO	5/30/2006	156	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1920	OZ
10S17E11	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S17E11	PISTACHIO	5/30/2006	13	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	156	OZ
10S17E11	PISTACHIO	5/30/2006	26	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	312	OZ
10S17E11	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S17E11	PISTACHIO	5/30/2006	156	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	1920	OZ
10S17E22	ALMOND	5/30/2006	50	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	61	PT
10S17E24	PISTACHIO	5/30/2006	40	279-3014-AA	POUNCE 3.2 EC	PERMETHRIN	5	GA
10S17E24	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S17E24	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S17E24	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E26	ALMOND	5/30/2006	30	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	1	GA
10S17E27	GRAPE, RAISIN	5/30/2006	185	10163-273-AA	RUBIGAN E.C.	FENARIMOL	7	GA
10S17E27	GRAPE, RAISIN	5/30/2006	185	1051080-50008-AA	NEW CENTURY BUFFER X-TRA		35	GA
10S17E27	GRAPE, RAISIN	5/30/2006	185	4581-116-AA	KRYOCIDE	CRYOLITE	1416	LB
10S17E27	GRAPE, RAISIN	5/30/2006	185	4581-373-AA	MICROTHIOL SPECIAL MICRONIZED WET	SULFUR	425	LB
10S17E28	WINE GRAPES	5/30/2006	33	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	329	OZ
10S17E28	PISTACHIO	5/30/2006	4	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	1	GA
10S17E28	WINE GRAPES	5/30/2006	33	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	165	OZ
10S17E28	PISTACHIO	5/30/2006	4	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	48	OZ
10S17E28	PISTACHIO	5/30/2006	4	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	48	OZ
10S18E13	PISTACHIO	5/30/2006	40	264-826-AA	GEM 500 SC	TRIFLOXYSTROBIN	5	GA
10S18E13	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E14	PISTACHIO	5/30/2006	7	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	1	GA
10S18E14	PISTACHIO	5/30/2006	20	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S18E14	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	240	OZ
10S18E14	PISTACHIO	5/30/2006	7	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	84	OZ
10S18E14	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	240	OZ
10S18E14	PISTACHIO	5/30/2006	7	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	84	OZ
10S18E19	PISTACHIO	5/30/2006	40	279-3014-AA	POUNCE 3.2 EC	PERMETHRIN	5	GA
10S18E19	PISTACHIO	5/30/2006	36	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E19	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC	PERMETHRIN	5	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					INSECTICIDE			
10S18E19	PISTACHIO	5/30/2006	20	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S18E19	PISTACHIO	5/30/2006	36	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	432	OZ
10S18E19	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E19	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	240	OZ
10S18E19	PISTACHIO	5/30/2006	36	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	432	OZ
10S18E19	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E19	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	240	OZ
10S18E20	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E20	PISTACHIO	5/30/2006	35	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	4	GA
10S18E20	PISTACHIO	5/30/2006	35	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	420	OZ
10S18E20	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E20	PISTACHIO	5/30/2006	35	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	420	OZ
10S18E20	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E21	PISTACHIO	5/30/2006	40	279-3014-AA	POUNCE 3.2 EC	PERMETHRIN	5	GA
10S18E21	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E21	PISTACHIO	5/30/2006	20	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S18E21	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E21	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	240	OZ
10S18E21	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E21	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	240	OZ
10S18E21	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E21	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E23	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC	PERMETHRIN	5	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					INSECTICIDE			
10S18E23	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E23	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E24	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E24	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E24	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E28	PISTACHIO	5/30/2006	10	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	1	GA
10S18E28	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E28	PISTACHIO	5/30/2006	20	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S18E28	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E28	PISTACHIO	5/30/2006	10	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	120	OZ
10S18E28	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	240	OZ
10S18E28	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	240	OZ
10S18E28	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E28	PISTACHIO	5/30/2006	10	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	120	OZ
10S18E29	PISTACHIO	5/30/2006	20	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S18E29	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E29	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E29	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	240	OZ
10S18E29	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E29	PISTACHIO	5/30/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	240	OZ
10S18E30	PISTACHIO	5/30/2006	40	279-3014-AA	POUNCE 3.2 EC	PERMETHRIN	5	GA
10S18E30	PISTACHIO	5/30/2006	40	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	5	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S18E30	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E30	PISTACHIO	5/30/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
11S16E10	GRAPE, RAISIN	5/30/2006	38	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	380	LB
11S16E15	ALMOND	5/30/2006	145	62719-424-AA	GOAL 2XL	OXYFLUORFEN	1160	OZ
11S16E15	ALMOND	5/30/2006	145	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	290	PT
11S16E16	ALMOND	5/30/2006	45	62719-424-AA	GOAL 2XL	OXYFLUORFEN	180	OZ
11S16E16	ALMOND	5/30/2006	45	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	160	PT
11S16E2	GRAPE, RAISIN	5/30/2006	76	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	6	GA
11S16E2	GRAPE, RAISIN	5/30/2006	76	7969-154-AA	SOVRAN FUNGICIDE	KRESOXIM-METHYL	29	LB
11S16E4	ALMOND	5/30/2006	24	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	240	OZ
11S16E4	ALMOND	5/30/2006	24	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	240	OZ
11S17E6	PISTACHIO	5/30/2006	35	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	4	GA
11S17E6	PISTACHIO	5/30/2006	35	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	420	OZ
11S17E6	PISTACHIO	5/30/2006	35	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	420	OZ
10S16E35	WINE GRAPES	5/31/2006	40	524-445-ZA-55467	BUCCANEER GLYPHOSATE	GLYPHOSATE, ISOPROPYLAMINE	418	OZ
10S17E21	PISTACHIO	5/31/2006	60	4581-373-AA	MICROTHIOL SPECIAL MICRONIZED WET	SULFUR	540	LB
10S17E21	PISTACHIO	5/31/2006	60	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	8	GA
10S17E21	PISTACHIO	5/31/2006	60	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	720	OZ
10S17E21	PISTACHIO	5/31/2006	60	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	720	OZ
10S17E22	ALMOND	5/31/2006	40	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	49	PT
10S17E28	WINE GRAPES	5/31/2006	39	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	386	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E28	WINE GRAPES	5/31/2006	10	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	95	OZ
10S17E28	WINE GRAPES	5/31/2006	10	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	100	OZ
10S17E28	WINE GRAPES	5/31/2006	10	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	50	OZ
10S17E28	WINE GRAPES	5/31/2006	10	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	48	OZ
10S17E28	WINE GRAPES	5/31/2006	39	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	193	OZ
10S17E35	ALMOND	5/31/2006	55	10163-169-AA	IMIDAN 70-WP	PHOSMET	220	LB
10S17E35	ALMOND	5/31/2006	55	10163-277-AA	ONAGER MITICIDE	HEXYTHIAZOX	8	GA
10S17E35	ALMOND	5/31/2006	55	8469-50191-AA	ALPHA APS		6	GA
11S16E11	ALMOND	5/31/2006	18	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	147	OZ
11S16E12	ALMOND	5/31/2006	10	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	1600	OZ
11S16E12	ALMOND	5/31/2006	10	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	10	GA
11S16E15	ALMOND	5/31/2006	160	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	698	PT
11S16E15	ALMOND	5/31/2006	160	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	279	PT
11S16E16	ALMOND	5/31/2006	155	62719-424-AA	GOAL 2XL	OXYFLUORFEN	1240	OZ
11S16E16	ALMOND	5/31/2006	155	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	310	PT
11S16E2	ALMOND	5/31/2006	15	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	120	OZ
11S16E2	WINE GRAPES	5/31/2006	15	264-761-AA	PROVADO SOLUPAK 75%	IMIDACLOPRID	8	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S16E2	WINE GRAPES	5/31/2006	15	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	30	OZ
11S16E2	WINE GRAPES	5/31/2006	15	4581-373-ZB	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	45	LB
11S16E2	WINE GRAPES	5/31/2006	15	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	120	OZ
11S16E2	ALMOND	5/31/2006	15	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	120	OZ
11S16E3	WATERMELON	5/31/2006	34	2935-388-AA	RED-TOP DIAZINON 4 SPRAY	DIAZINON	320	OZ
11S16E3	WATERMELON	5/31/2006	34	3125-422-AA	ADMIRE 2 FLOWABLE	IMIDACLOPRID	40	OZ
11S16E3	WATERMELON	5/31/2006	34	352-372-AA	DU PONT VYDATE L INSECTICIDE/NEMA	OXAMYL	320	OZ
11S16E4	ALMOND	5/31/2006	15	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	150	OZ
11S17E6	GRAPE, RAISIN	5/31/2006	39	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	600	LB
11S17E6	WINE GRAPES	5/31/2006	40	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	800	LB
11S17E7	PLUM	5/31/2006	33	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	33	PT
10S17E14	GRAPE, RAISIN	6/1/2006	20	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	25	PT
10S17E14	GRAPE, RAISIN	6/1/2006	40	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	50	PT
10S17E14	GRAPE, RAISIN	6/1/2006	35	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	525	LB
10S17E14	GRAPE, RAISIN	6/1/2006	34	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	510	LB
10S17E14	GRAPE, RAISIN	6/1/2006	39	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	585	LB
10S17E14	GRAPE, RAISIN	6/1/2006	20	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	25	PT
10S17E14	GRAPE, RAISIN	6/1/2006	40	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	50	PT
10S17E28	ALMOND	6/1/2006	10	68292-2-AA	WEEDAXE HERBICIDE	2,4-D, DIMETHYLAMINE SALT	100	OZ
10S17E31	GRAPE, RAISIN	6/1/2006	40	51036-352-AA-2935	SULFUR DF	SULFUR	400	LB
10S18E19	PISTACHIO	6/1/2006	40	55429-4-AA	CSC 80%	SULFUR	360	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					THIOSPERSE/THIOBEN			
10S18E19	PISTACHIO	6/1/2006	40	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E19	PISTACHIO	6/1/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E19	PISTACHIO	6/1/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S18E20	PISTACHIO	6/1/2006	14	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	7	GA
10S18E20	PISTACHIO	6/1/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E20	PISTACHIO	6/1/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E20	PISTACHIO	6/1/2006	14	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	1	GA
10S18E28	PISTACHIO	6/1/2006	40	55429-4-AA	CSC 80% THIOSPERSE/THIOBEN	SULFUR	360	LB
10S18E28	PISTACHIO	6/1/2006	40	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S18E28	PISTACHIO	6/1/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S18E28	PISTACHIO	6/1/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
11S16E10	GRAPE, RAISIN	6/1/2006	75	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	1050	LB
11S16E11	PLUM	6/1/2006	32	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	128	OZ
11S16E11	PLUM	6/1/2006	32	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	32	PT
11S16E16	ALMOND	6/1/2006	20	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	80	PT
11S16E2	ALMOND	6/1/2006	10	100-1154-AA	EPI MECK 0.15 EC	ABAMECTIN	7	OZ
11S16E2	ALMOND	6/1/2006	10	400-461-AA	DIMILIN 2L	DIFLUBENZURON	11	OZ
11S16E2	ALMOND	6/1/2006	6	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, SOPROPYLAMINE	3	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S16E2	ALMOND	6/1/2006	9	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	3	GA
11S17E5	PISTACHIO	6/1/2006	63	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	500	OZ
11S17E5	PISTACHIO	6/1/2006	63	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	625	OZ
11S17E5	PISTACHIO	6/1/2006	63	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	625	OZ
11S17E6	GRAPE, RAISIN	6/1/2006	82	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	1640	LB
11S17E6	GRAPE, RAISIN	6/1/2006	39	2935-48-ZA	WILBUR-ELLIS DUSTING SULFUR	SULFUR	550	LB
10S16E36	GRAPE, RAISIN	6/2/2006	20	2935-503-AA	SPECIAL ELECTRIC REFINED SUPER-AD	SULFUR	450	LB
10S16E36	N-GRNHS FLOWER	6/2/2006	0	3125-560-AA-59807	COMPASS O 50 WDG	TRIFLOXYSTROBIN	1	OZ
10S16E36	N-GRNHS FLOWER	6/2/2006	0	432-1392-AA-59807	DISCUS	CYFLUTHRIN	13	OZ
10S16E36	N-GRNHS FLOWER	6/2/2006	0	432-1392-AA-59807	DISCUS	IMIDACLOPRID	13	OZ
10S17E11	PISTACHIO	6/2/2006	13	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	6	GA
10S17E11	PISTACHIO	6/2/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	18	GA
10S17E11	PISTACHIO	6/2/2006	40	524-520-AA	FIRE POWER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	3	GA
10S17E11	PISTACHIO	6/2/2006	13	524-520-AA	FIRE POWER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	1	GA
10S17E11	PISTACHIO	6/2/2006	13	524-520-AA	FIRE POWER HERBICIDE	OXYFLUORFEN	1	GA
10S17E11	PISTACHIO	6/2/2006	40	524-520-AA	FIRE POWER HERBICIDE	OXYFLUORFEN	3	GA
10S17E14	GRAPE, RAISIN	6/2/2006	37	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	555	LB
10S17E14	GRAPE, RAISIN	6/2/2006	40	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	600	LB
10S17E14	GRAPE, RAISIN	6/2/2006	20	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	300	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E22	ALMOND	6/2/2006	80	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	79	PT
10S17E22	ALMOND	6/2/2006	80	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	98	PT
10S17E27	WINE GRAPES	6/2/2006	35	55429-3-AA	DUSTING SULFUR	SULFUR	350	LB
10S17E27	PISTACHIO	6/2/2006	55	55429-4-AA	CSC 80% THIOSPERSE/THIOBEN	SULFUR	506	LB
10S17E27	PISTACHIO	6/2/2006	30	55429-4-AA	CSC 80% THIOSPERSE/THIOBEN	SULFUR	270	LB
10S17E27	PISTACHIO	6/2/2006	30	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	4	GA
10S17E27	PISTACHIO	6/2/2006	55	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	7	GA
10S17E27	PISTACHIO	6/2/2006	30	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	360	OZ
10S17E27	PISTACHIO	6/2/2006	55	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	675	OZ
10S17E27	PISTACHIO	6/2/2006	30	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	360	OZ
10S17E27	PISTACHIO	6/2/2006	55	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	675	OZ
10S17E29	WINE GRAPES	6/2/2006	140	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	1400	LB
10S17E29	WINE GRAPES	6/2/2006	154	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	1540	LB
10S17E29	WINE GRAPES	6/2/2006	161	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	1615	LB
10S17E34	GRAPE, RAISIN	6/2/2006	34	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	510	LB
10S17E34	WINE GRAPES	6/2/2006	10	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	150	LB
10S17E34	WINE GRAPES	6/2/2006	38	2935-92-ZA	WILBUR-ELLIS SPRAY SULFUR	SULFUR	190	LB
10S17E34	GRAPE, RAISIN	6/2/2006	189	4581-116-AA	KRYOCIDE	CRYOLITE	1134	LB
10S17E34	GRAPE, RAISIN	6/2/2006	189	4581-373-ZB	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	567	LB
10S17E34	GRAPE, RAISIN	6/2/2006	189	7969-154-AA	SOVRAN FUNGICIDE	KRESOXIM-METHYL	945	OZ
10S18E14	PISTACHIO	6/2/2006	7	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	3	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S18E18	PISTACHIO	6/2/2006	20	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	10	GA
10S18E19	PISTACHIO	6/2/2006	20	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	10	GA
10S18E19	PISTACHIO	6/2/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	19	GA
10S18E24	FIG	6/2/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	17	GA
10S18E28	PISTACHIO	6/2/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	21	GA
11S16E11	ALMOND	6/2/2006	32	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	322	OZ
11S16E11	ALMOND	6/2/2006	32	72167-43-AA-66222	ABBA 0.15EC	Abamectin	363	OZ
11S16E2	ALMOND	6/2/2006	39	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	1280	OZ
11S17E7	ALMOND	6/2/2006	54	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	54	QT
11S17E7	ALMOND	6/2/2006	54	70506-43-AA	SURFLAN A.S.	ORYZALIN	54	GA
11S17E9	ALMOND	6/2/2006	110	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	275	LB
10S16E34	ALMOND	6/3/2006	53	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	3	GA
10S16E35	WINE GRAPES	6/3/2006	40	79702-1-ZA	BRITZ MAGIC SULFUR	SULFUR	480	LB
10S16E36	N-GRNHS FLOWER	6/3/2006	0	1001-63-AA	3336 WP TURF	THIOPHANATE-METHYL	64	OZ
10S16E36	N-GRNHS FLOWER	6/3/2006	0	100-796-AA	SUBDUE MAXX MC	MEFENOXAM	8	OZ
10S16E36	PISTACHIO	6/3/2006	35	55429-4-AA	CSC 80% THIOSPERSE/THIOBEN	SULFUR	360	LB
10S16E36	PISTACHIO	6/3/2006	35	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	5	GA
10S16E36	PISTACHIO	6/3/2006	35	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	480	OZ
10S16E36	PISTACHIO	6/3/2006	35	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	480	OZ
10S17E12	OLIVE	6/3/2006	6	524-454-AA-55467	TENKOZ BUCCANEER PLUS	GLYPHOSATE, ISOPROPYLAMINE	20	PT

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					HERBICIDE			
10S17E14	GRAPE, RAISIN	6/3/2006	37	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	46	PT
10S17E14	GRAPE, RAISIN	6/3/2006	37	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	555	LB
10S17E14	GRAPE, RAISIN	6/3/2006	37	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	46	PT
10S17E15	GRAPE, RAISIN	6/3/2006	39	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	585	LB
10S17E15	GRAPE, RAISIN	6/3/2006	78	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	1170	LB
10S17E27	GRAPE, RAISIN	6/3/2006	35	55429-3-AA	DUSTING SULFUR	SULFUR	350	LB
10S17E28	GRAPE, RAISIN	6/3/2006	40	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	480	LB
10S17E28	GRAPE, RAISIN	6/3/2006	20	264-761-AA	PROVADO SOLUPAK 75%	IMIDACLOPRID	16	OZ
10S17E28	GRAPE, RAISIN	6/3/2006	39	264-761-AA	PROVADO SOLUPAK 75%	IMIDACLOPRID	31	OZ
10S17E28	GRAPE, RAISIN	6/3/2006	35	264-761-AA	PROVADO SOLUPAK 75%	IMIDACLOPRID	28	OZ
10S17E28	GRAPE, RAISIN	6/3/2006	20	62719-410-ZC	RALLY 40 WSP	MYCLOBUTANIL	80	OZ
10S17E28	GRAPE, RAISIN	6/3/2006	35	62719-410-ZC	RALLY 40 WSP	MYCLOBUTANIL	140	OZ
10S17E28	GRAPE, RAISIN	6/3/2006	39	62719-410-ZC	RALLY 40 WSP	MYCLOBUTANIL	156	OZ
10S17E31	GRAPE, RAISIN	6/3/2006	6	3125-428-AA	PROVADO SOLUPAK 75% WETTABLE POWD	IMIDACLOPRID	0	LB
10S17E31	GRAPE, RAISIN	6/3/2006	14	3125-428-AA	PROVADO SOLUPAK 75% WETTABLE POWD	IMIDACLOPRID	1	LB
10S17E31	GRAPE, RAISIN	6/3/2006	6	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	22	LB
10S17E31	GRAPE, RAISIN	6/3/2006	14	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	50	LB
10S17E31	GRAPE, RAISIN	6/3/2006	14	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	1	GA
10S17E31	GRAPE, RAISIN	6/3/2006	6	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	0	GA
10S17E31	GRAPE, RAISIN	6/3/2006	14	707-215-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	4	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E31	GRAPE, RAISIN	6/3/2006	6	707-215-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	2	LB
10S17E34	GRAPE, RAISIN	6/3/2006	38	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	567	LB
10S18E8	ORANGE	6/3/2006	32	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	3	GA
10S18E8	ORANGE	6/3/2006	10	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	1	GA
10S18E8	ORANGE	6/3/2006	10	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	1	GA
10S18E9	ORANGE	6/3/2006	68	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	6	GA
10S18E9	TANGELO	6/3/2006	40	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	10	GA
10S18E9	TANGELO	6/3/2006	40	62719-292-AA	SUCCESS	SPINOSAD	3	GA
11S16E12	ALMOND	6/3/2006	25	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	25	QT
11S16E9	WINE GRAPES	6/3/2006	45	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	540	LB
11S16E9	ALMOND	6/3/2006	20	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	3	GA
11S17E1	WINE GRAPES	6/3/2006	18	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	250	LB
11S17E6	GRAPE	6/3/2006	34	100-1117-AA	TOUCHDOWN HERBICIDE	GLYPHOSATE, DIAMMONIUM SAL	2	GA
11S17E6	GRAPE	6/3/2006	34	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	2	GA
10S17E27	WINE GRAPES	6/4/2006	17	55429-3-AA	DUSTING SULFUR	SULFUR	170	LB
10S18E8	ORANGE	6/4/2006	74	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	7	GA
10S18E8	ORANGE	6/4/2006	74	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	9	GA
10S18E9	ORANGE	6/4/2006	83	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	8	GA
10S18E9	ORANGE	6/4/2006	83	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	10	GA
11S16E11	PEACH	6/4/2006	13	62719-410-AA	RALLY 40W AGRICULTURAL	MYCLOBUTANIL	52	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					FUNGICIDE			
11S16E11	PEACH	6/4/2006	13	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	13	PT
11S17E6	WINE GRAPES	6/4/2006	120	55429-1-ZB	CSC DUSTING SULFUR	SULFUR	1800	LB
10S16E36	N-GRNHS FLOWER	6/5/2006	4	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	28	OZ
10S16E36	N-GRNHS FLOWER	6/5/2006	4	1021-1091-AA-499	PRESCRIPTION TREATMENT BRAND PYRE	PIPERONYL BUTOXIDE	7	OZ
10S16E36	N-GRNHS FLOWER	6/5/2006	4	1021-1091-AA-499	PRESCRIPTION TREATMENT BRAND PYRE	PYRETHRINS	7	OZ
10S16E36	N-GRNHS FLOWER	6/5/2006	4	2724-478-AA	MAVRIK AQUAFLOW INSECTICIDE/MITIC	TAU-FLUVALINATE	28	OZ
10S16E36	GRAPE, RAISIN	6/5/2006	10	2935-503-AA	SPECIAL ELECTRIC REFINED SUPER-AD	SULFUR	200	LB
10S16E36	GRAPE, RAISIN	6/5/2006	20	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	235	LB
10S17E14	GRAPE, RAISIN	6/5/2006	37	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	46	PT
10S17E14	GRAPE, RAISIN	6/5/2006	37	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	46	PT
10S17E15	GRAPE, RAISIN	6/5/2006	39	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	49	PT
10S17E15	GRAPE, RAISIN	6/5/2006	35	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	525	LB
10S17E15	GRAPE, RAISIN	6/5/2006	64	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	960	LB
10S17E15	GRAPE, RAISIN	6/5/2006	78	476-197-AA-10951	BRITZ BRAND DUSTING SULFUR	SULFUR	1170	LB
10S17E15	GRAPE, RAISIN	6/5/2006	39	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	49	PT
10S17E28	GRAPE, RAISIN	6/5/2006	39	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	585	LB
10S17E28	GRAPE, RAISIN	6/5/2006	20	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	300	LB
10S17E28	GRAPE, RAISIN	6/5/2006	35	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	525	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E32	GRAPE	6/5/2006	53	4581-373-AA	MICROTHIOL SPECIAL MICRONIZED WET	SULFUR	17	LB
10S17E32	GRAPE	6/5/2006	53	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	220	OZ
10S18E18	PISTACHIO	6/5/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E18	PISTACHIO	6/5/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E21	PISTACHIO	6/5/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E21	PISTACHIO	6/5/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E28	PISTACHIO	6/5/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E28	PISTACHIO	6/5/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
11S16E1	GRAPE, RAISIN	6/5/2006	20	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	400	LB
11S16E10	GRAPE, RAISIN	6/5/2006	40	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	593	LB
11S16E11	ALMOND	6/5/2006	101	62719-424-AA	GOAL 2XL	OXYFLUORFEN	404	OZ
11S16E11	WINE GRAPES	6/5/2006	36	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	540	LB
11S16E11	WINE GRAPES	6/5/2006	29	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	435	LB
11S16E11	ALMOND	6/5/2006	101	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	121	PT
11S16E3	WINE GRAPES	6/5/2006	40	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	600	LB
11S16E9	ALMOND	6/5/2006	50	524-445-ZE-55467	TENKOZ BUCCANEER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	10	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S16E9	ALMOND	6/5/2006	80	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	40	GA
11S17E6	WINE GRAPES	6/5/2006	120	100-1117-AA	TOUCHDOWN HERBICIDE	GLYPHOSATE, DIAMMONIUM SAL	5	GA
11S17E6	WINE GRAPES	6/5/2006	120	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	2	GA
11S17E6	PISTACHIO	6/5/2006	35	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	20	GA
10S16E36	GRAPE, RAISIN	6/6/2006	10	2935-503-AA	SPECIAL ELECTRIC REFINED SUPER-AD	SULFUR	150	LB
10S17E24	PISTACHIO	6/6/2006	40	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	20	GA
10S17E24	PISTACHIO	6/6/2006	23	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	12	GA
10S17E24	PISTACHIO	6/6/2006	32	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	16	GA
10S17E24	PISTACHIO	6/6/2006	11	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	5	GA
10S17E24	PISTACHIO	6/6/2006	11	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	1	GA
10S17E24	PISTACHIO	6/6/2006	32	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S17E24	PISTACHIO	6/6/2006	23	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S17E24	PISTACHIO	6/6/2006	40	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	4	GA
10S17E24	PISTACHIO	6/6/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	36	LB
10S17E24	PISTACHIO	6/6/2006	32	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	29	LB
10S17E24	PISTACHIO	6/6/2006	23	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	21	LB
10S17E24	PISTACHIO	6/6/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	36	LB
10S17E24	PISTACHIO	6/6/2006	32	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	29	LB
10S17E24	PISTACHIO	6/6/2006	23	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	21	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E31	GRAPE, RAISIN	6/6/2006	40	51036-352-AA-2935	SULFUR DF	SULFUR	400	LB
10S18E18	PISTACHIO	6/6/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E18	PISTACHIO	6/6/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E18	PISTACHIO	6/6/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E18	PISTACHIO	6/6/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
10S18E20	PISTACHIO	6/6/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	25	GA
10S18E21	PISTACHIO	6/6/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	25	GA
10S18E21	PISTACHIO	6/6/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E21	PISTACHIO	6/6/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E21	PISTACHIO	6/6/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E28	PISTACHIO	6/6/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	25	GA
11S16E10	GRAPE, RAISIN	6/6/2006	75	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	150	OZ
11S16E10	GRAPE, RAISIN	6/6/2006	75	4581-373-ZB	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	225	LB
11S16E10	GRAPE, RAISIN	6/6/2006	75	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	480	OZ
11S16E11	ALMOND	6/6/2006	40	100-1154-AA	EPI MECK 0.15 EC	ABAMECTIN	240	OZ
11S16E11	ALMOND	6/6/2006	40	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	240	OZ
11S16E12	ALMOND	6/6/2006	91	62719-424-AA	GOAL 2XL	OXYFLUORFEN	364	OZ
11S16E12	ALMOND	6/6/2006	91	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	109	PT
11S16E15	WINE GRAPES	6/6/2006	42	4581-373-ZB	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	126	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S16E15	WINE GRAPES	6/6/2006	42	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	252	OZ
11S16E15	WINE GRAPES	6/6/2006	42	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	420	OZ
11S16E15	WINE GRAPES	6/6/2006	42	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	420	OZ
11S16E3	ALMOND	6/6/2006	11	19713-42-AA	DREXEL MSMA 6 PLUS	MSMA	16	QT
11S17E8	WINE GRAPES	6/6/2006	90	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	864	OZ
11S17E8	WINE GRAPES	6/6/2006	90	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	180	OZ
11S17E8	WINE GRAPES	6/6/2006	30	55429-1-ZB	CSC DUSTING SULFUR	SULFUR	600	LB
10S16E34	WINE GRAPES	6/7/2006	80	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	880	LB
10S16E34	GRAPE	6/7/2006	16	707-215-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	32	OZ
10S16E36	GRAPE, RAISIN	6/7/2006	10	2935-503-AA	SPECIAL ELECTRIC REFINED SUPER-AD	SULFUR	150	LB
10S17E31	GRAPE, RAISIN	6/7/2006	5	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	3	GA
10S17E31	GRAPE, RAISIN	6/7/2006	50	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	109	OZ
10S17E31	GRAPE, RAISIN	6/7/2006	5	524-445-ZE-55467	TENKOZ BUCCANEER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	2	GA
10S17E31	GRAPE, RAISIN	6/7/2006	50	55146-75-AA	MICRO-SULF	SULFUR	150	LB
10S18E20	PISTACHIO	6/7/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E20	PISTACHIO	6/7/2006	40	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	20	GA
10S18E20	PISTACHIO	6/7/2006	40	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	4	GA
10S18E20	PISTACHIO	6/7/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E20	PISTACHIO	6/7/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E20	PISTACHIO	6/7/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	36	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S18E20	PISTACHIO	6/7/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
10S18E20	PISTACHIO	6/7/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	36	LB
10S18E21	PISTACHIO	6/7/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E21	PISTACHIO	6/7/2006	40	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	20	GA
10S18E21	PISTACHIO	6/7/2006	14	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	6	GA
10S18E21	PISTACHIO	6/7/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E21	PISTACHIO	6/7/2006	14	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	1	GA
10S18E21	PISTACHIO	6/7/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E21	PISTACHIO	6/7/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E21	PISTACHIO	6/7/2006	40	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	4	GA
10S18E21	PISTACHIO	6/7/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	36	LB
10S18E21	PISTACHIO	6/7/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E21	PISTACHIO	6/7/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	36	LB
10S18E21	PISTACHIO	6/7/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
11S16E1	WINE GRAPES	6/7/2006	56	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	131	OZ
11S16E1	WINE GRAPES	6/7/2006	56	55146-75-AA	MICRO-SULF	SULFUR	180	LB
11S16E10	GRAPE, RAISIN	6/7/2006	38	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	380	LB
11S16E11	ALMOND	6/7/2006	13	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	13	QT
11S16E2	ALMOND	6/7/2006	3	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	3	GA
11S17E8	ALMOND	6/7/2006	100	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	2	PT

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S17E8	ALMOND	6/7/2006	100	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	2	PT
10S17E15	GRAPE, RAISIN	6/8/2006	78	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	98	PT
10S17E15	GRAPE, RAISIN	6/8/2006	39	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	49	PT
10S17E15	GRAPE, RAISIN	6/8/2006	78	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	98	PT
10S17E15	GRAPE, RAISIN	6/8/2006	39	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	49	PT
10S17E21	WINE GRAPES	6/8/2006	62	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	618	OZ
10S17E21	WINE GRAPES	6/8/2006	62	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	309	OZ
10S17E31	WINE GRAPES	6/8/2006	40	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	480	LB
10S18E14	PISTACHIO	6/8/2006	21	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	5	GA
10S18E14	PISTACHIO	6/8/2006	18	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	5	GA
10S18E17	PISTACHIO	6/8/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E17	PISTACHIO	6/8/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E17	PISTACHIO	6/8/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E17	PISTACHIO	6/8/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
10S18E18	PISTACHIO	6/8/2006	70	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	35	GA
10S18E18	PISTACHIO	6/8/2006	70	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	7	GA
10S18E18	PISTACHIO	6/8/2006	70	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	63	LB
10S18E18	PISTACHIO	6/8/2006	70	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	63	LB
10S18E20	PISTACHIO	6/8/2006	14	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	6	GA
10S18E20	PISTACHIO	6/8/2006	14	66222-28-AA	GALIGAN 2E	OXYFLUORFEN	1	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					OXYFLUORFEN HERBICIDE			
10S18E21	PISTACHIO	6/8/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E21	PISTACHIO	6/8/2006	40	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	20	GA
10S18E21	PISTACHIO	6/8/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E21	PISTACHIO	6/8/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E21	PISTACHIO	6/8/2006	40	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	4	GA
10S18E21	PISTACHIO	6/8/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E21	PISTACHIO	6/8/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E21	PISTACHIO	6/8/2006	40	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	36	LB
10S18E21	PISTACHIO	6/8/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
10S18E21	PISTACHIO	6/8/2006	40	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	36	LB
10S18E23	FIG	6/8/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, I SOPROPYLAMINE	1	GA
10S18E28	PISTACHIO	6/8/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E28	PISTACHIO	6/8/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E28	PISTACHIO	6/8/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E28	PISTACHIO	6/8/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
11S16E10	ALMOND	6/8/2006	11	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	11	QT
11S16E12	ALMOND	6/8/2006	6	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	960	OZ
11S16E12	ALMOND	6/8/2006	6	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	6	GA
11S16E14	WINE GRAPES	6/8/2006	150	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	17	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S16E15	ALMOND	6/8/2006	11	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	11	QT
11S16E15	ALMOND	6/8/2006	11	70506-43-AA	SURFLAN A.S.	ORYZALIN	11	GA
11S16E4	ALMOND	6/8/2006	19	279-3194-AA	SHARK HERBICIDE	CARFENTRAZONE-ETHYL	3	OZ
11S16E4	ALMOND	6/8/2006	19	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	12	PT
11S16E9	ALMOND	6/8/2006	14	279-3194-AA	SHARK HERBICIDE	CARFENTRAZONE-ETHYL	5	OZ
11S16E9	ALMOND	6/8/2006	7	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	12	PT
11S16E9	ALMOND	6/8/2006	14	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	21	PT
11S16E9	ALMOND	6/8/2006	7	62719-424-AA	GOAL 2XL	OXYFLUORFEN	8	OZ
11S17E6	GRAPE	6/8/2006	34	264-761-AA	PROVADO SOLUPAK 75%	IMIDACLOPRID	51	OZ
11S17E6	GRAPE	6/8/2006	34	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	68	OZ
11S17E6	GRAPE	6/8/2006	34	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	218	OZ
10S17E15	GRAPE, RAISIN	6/9/2006	78	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	98	PT
10S17E15	GRAPE, RAISIN	6/9/2006	64	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	80	PT
10S17E15	GRAPE, RAISIN	6/9/2006	78	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	98	PT
10S17E21	WINE GRAPES	6/9/2006	69	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	693	OZ
10S17E21	WINE GRAPES	6/9/2006	15	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	15	OZ
10S17E21	WINE GRAPES	6/9/2006	15	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	148	OZ
10S17E21	WINE GRAPES	6/9/2006	15	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	74	OZ
10S17E21	WINE GRAPES	6/9/2006	15	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	77	OZ
10S17E21	WINE GRAPES	6/9/2006	69	62719-410-AA	RALLY 40W AGRICULTURAL	MYCLOBUTANIL	347	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					FUNGICIDE			
10S18E15	PISTACHIO	6/9/2006	20	279-3051-AA	POUNCE 25 WP	PERMETHRIN	160	OZ
10S18E15	PISTACHIO	6/9/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	254	OZ
10S18E15	PISTACHIO	6/9/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	254	OZ
10S18E17	PISTACHIO	6/9/2006	112	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	56	GA
10S18E17	PISTACHIO	6/9/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E17	PISTACHIO	6/9/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E17	PISTACHIO	6/9/2006	112	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	11	GA
10S18E17	PISTACHIO	6/9/2006	112	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	102	LB
10S18E17	PISTACHIO	6/9/2006	112	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	102	LB
10S18E18	PISTACHIO	6/9/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E18	PISTACHIO	6/9/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E18	PISTACHIO	6/9/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E18	PISTACHIO	6/9/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E18	PISTACHIO	6/9/2006	16	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	1024	OZ
10S18E18	PISTACHIO	6/9/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E18	PISTACHIO	6/9/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
10S18E20	PISTACHIO	6/9/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	23	GA
10S18E21	PISTACHIO	6/9/2006	20	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	11	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S18E21	PISTACHIO	6/9/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	23	GA
10S18E21	PISTACHIO	6/9/2006	14	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	6	GA
10S18E21	PISTACHIO	6/9/2006	14	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	1	GA
10S18E28	PISTACHIO	6/9/2006	20	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	11	GA
10S18E30	PISTACHIO	6/9/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	23	GA
11S16E14	WINE GRAPES	6/9/2006	112	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	12	GA
11S16E16	WINE GRAPES	6/9/2006	35	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	78	OZ
11S16E16	WINE GRAPES	6/9/2006	35	55146-75-AA	MICRO-SULF	SULFUR	105	LB
11S16E3	ALMOND	6/9/2006	9	279-3194-AA	SHARK HERBICIDE	CARFENTRAZONE-ETHYL	4	OZ
11S16E3	ALMOND	6/9/2006	9	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	15	PT
11S16E3	OT-VINE	6/9/2006	20	7969-58-AA	POAST	SETHOXYDIM	6	GA
11S16E9	WINE GRAPES	6/9/2006	45	55146-75-AA	MICRO-SULF	SULFUR	180	LB
10S16E35	WINE GRAPES	6/10/2006	15	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	200	LB
10S16E36	N-GRNHS FLOWER	6/10/2006	0	100-996-AA	BONZI ORNAMENTAL GROWTH REGULATOR	PACLOBUTRAZOL	138	OZ
10S16E36	N-GRNHS FLOWER	6/10/2006	0	241-74-AA-59807	CYCOCEL PLANT GROWTH REGULANT	CHLORMEQUAT CHLORIDE	19	OZ
10S16E36	N-GRNHS FLOWER	6/10/2006	0	400-478-AA	B-NINE WSG	DAMINOZIDE	5	OZ
10S16E36	N-GRNHS FLOWER	6/10/2006	0	59639-91-AA	ORTHENE TURF, TREE & ORNAMENTAL S	ACEPHATE	1	OZ
10S17E21	WINE GRAPES	6/10/2006	27	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	271	OZ
10S17E21	WINE GRAPES	6/10/2006	27	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	136	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S17E24	PISTACHIO	6/10/2006	35	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	18	GA
10S17E24	PISTACHIO	6/10/2006	35	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	3	GA
10S17E24	PISTACHIO	6/10/2006	35	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	32	LB
10S17E24	PISTACHIO	6/10/2006	35	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	32	LB
10S17E28	GRAPE, RAISIN	6/10/2006	40	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	480	LB
10S17E31	GRAPE, RAISIN	6/10/2006	20	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	340	LB
10S17E34	WINE GRAPES	6/10/2006	38	524-445-ZA-55467	BUCCANEER GLYPHOSATE	GLYPHOSATE, ISOPROPYLAMINE	608	OZ
10S18E18	PISTACHIO	6/10/2006	18	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	9	GA
10S18E18	PISTACHIO	6/10/2006	20	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	10	GA
10S18E18	PISTACHIO	6/10/2006	18	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E18	PISTACHIO	6/10/2006	20	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E18	PISTACHIO	6/10/2006	18	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	17	LB
10S18E18	PISTACHIO	6/10/2006	20	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	18	LB
10S18E18	PISTACHIO	6/10/2006	18	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	17	LB
10S18E18	PISTACHIO	6/10/2006	20	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	18	LB
10S18E19	PISTACHIO	6/10/2006	18	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	9	GA
10S18E19	PISTACHIO	6/10/2006	18	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2	GA
10S18E19	PISTACHIO	6/10/2006	18	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	16	LB
10S18E19	PISTACHIO	6/10/2006	18	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	16	LB
10S18E23	FIG	6/10/2006	5	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	1	GA
10S18E23	ALMOND	6/10/2006	5	524-475-ZE	ROUNDUP ORIGINAL II CA	GLYPHOSATE,	1	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					HERBICIDE	ISOPROPYLAMINE		
10S18E25	FIG	6/10/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	13	GA
11S16E11	PLUM	6/10/2006	18	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	18	QT
11S16E12	WINE GRAPES	6/10/2006	18	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	360	LB
11S16E14	WINE GRAPES	6/10/2006	123	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	14	GA
11S16E3	ALMOND	6/10/2006	20	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	20	QT
11S16E3	OT-VINE	6/10/2006	2	400-503-AA	ACRAMITE 50WS	BIFENAZATE	1	LB
11S16E3	ALMOND	6/10/2006	20	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	20	QT
11S16E3	ALMOND	6/10/2006	20	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	10	QT
11S16E3	ALMOND	6/10/2006	20	62719-424-AA	GOAL 2XL	OXYFLUORFEN	10	QT
11S17E1	WINE GRAPES	6/10/2006	18	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	250	LB
11S17E6	WINE GRAPES	6/10/2006	120	264-761-AA	PROVADO SOLUPAK 75%	IMIDACLOPRID	180	OZ
11S17E6	WINE GRAPES	6/10/2006	120	264-777-AA	FLINT FUNGICIDE, RHONE-POULENC	TRIFLOXYSTROBIN	240	OZ
11S17E6	WINE GRAPES	6/10/2006	8	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	7	PT
11S17E6	GRAPE, RAISIN	6/10/2006	20	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	17	PT
11S17E6	WINE GRAPES	6/10/2006	8	62719-424-AA	GOAL 2XL	OXYFLUORFEN	4	OZ
11S17E6	GRAPE, RAISIN	6/10/2006	20	62719-424-AA	GOAL 2XL	OXYFLUORFEN	12	OZ
11S17E6	WINE GRAPES	6/10/2006	120	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	768	OZ
10S16E36	GRAPE, RAISIN	6/11/2006	30	2935-503-AA	SPECIAL ELECTRIC REFINED SUPER-AD	SULFUR	550	LB
10S18E15	PISTACHIO	6/11/2006	160	279-3051-AA	POUNCE 25 WP	PERMETHRIN	1280	OZ
10S18E15	PISTACHIO	6/11/2006	160	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	2032	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S18E15	PISTACHIO	6/11/2006	160	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	2032	OZ
10S18E17	PISTACHIO	6/11/2006	177	264-333-ZA	SEVIN BRAND XLR PLUS CARBARYL INS	CARBARYL	89	GA
10S18E17	WINE GRAPES	6/11/2006	34	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	65	LB
10S18E17	WINE GRAPES	6/11/2006	13	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	25	LB
10S18E17	WINE GRAPES	6/11/2006	13	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	1	GA
10S18E17	WINE GRAPES	6/11/2006	34	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	3	GA
10S18E17	WINE GRAPES	6/11/2006	13	62719-375-AA	QUINTEC	QUINOXYFEN	0	GA
10S18E17	WINE GRAPES	6/11/2006	34	62719-375-AA	QUINTEC	QUINOXYFEN	1	GA
10S18E17	PISTACHIO	6/11/2006	177	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	17	GA
10S18E17	WINE GRAPES	6/11/2006	34	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	19	LB
10S18E17	PISTACHIO	6/11/2006	177	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	160	LB
10S18E17	PISTACHIO	6/11/2006	177	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	160	LB
10S18E18	WINE GRAPES	6/11/2006	39	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	74	LB
10S18E18	WINE GRAPES	6/11/2006	171	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	370	LB
10S18E18	WINE GRAPES	6/11/2006	39	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	3	GA
10S18E18	WINE GRAPES	6/11/2006	171	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	15	GA
10S18E18	WINE GRAPES	6/11/2006	39	62719-375-AA	QUINTEC	QUINOXYFEN	1	GA
10S18E18	WINE GRAPES	6/11/2006	171	62719-375-AA	QUINTEC	QUINOXYFEN	6	GA
10S18E18	WINE GRAPES	6/11/2006	39	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	21	LB
10S18E18	WINE GRAPES	6/11/2006	171	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	102	LB
10S18E7	WINE GRAPES	6/11/2006	156	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	339	LB
10S18E7	WINE GRAPES	6/11/2006	79	4581-373-ZA	MICROTHIOL DISPERSS	SULFUR	149	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					MICRONIZED WE			
10S18E7	WINE GRAPES	6/11/2006	156	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	300	LB
10S18E7	WINE GRAPES	6/11/2006	79	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	171	LB
10S18E7	WINE GRAPES	6/11/2006	76	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	145	LB
10S18E7	WINE GRAPES	6/11/2006	79	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	7	GA
10S18E7	WINE GRAPES	6/11/2006	76	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	6	GA
10S18E7	WINE GRAPES	6/11/2006	156	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	13	GA
10S18E7	WINE GRAPES	6/11/2006	79	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	7	GA
10S18E7	WINE GRAPES	6/11/2006	156	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	13	GA
10S18E7	WINE GRAPES	6/11/2006	79	62719-375-AA	QUINTEC	QUINOXYFEN	2	GA
10S18E7	WINE GRAPES	6/11/2006	79	62719-375-AA	QUINTEC	QUINOXYFEN	3	GA
10S18E7	WINE GRAPES	6/11/2006	76	62719-375-AA	QUINTEC	QUINOXYFEN	3	GA
10S18E7	WINE GRAPES	6/11/2006	156	62719-375-AA	QUINTEC	QUINOXYFEN	5	GA
10S18E7	WINE GRAPES	6/11/2006	156	62719-375-AA	QUINTEC	QUINOXYFEN	5	GA
10S18E7	WINE GRAPES	6/11/2006	79	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	43	LB
10S18E7	WINE GRAPES	6/11/2006	76	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	40	LB
10S18E7	WINE GRAPES	6/11/2006	156	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	93	LB
10S18E7	WINE GRAPES	6/11/2006	79	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	47	LB
10S18E7	WINE GRAPES	6/11/2006	156	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	83	LB
10S18E8	WINE GRAPES	6/11/2006	71	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	139	LB
10S18E8	WINE GRAPES	6/11/2006	79	4581-373-ZA	MICROTHIOL DISPERSS MICRONIZED WE	SULFUR	149	LB
10S18E8	WINE GRAPES	6/11/2006	79	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	7	GA

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S18E8	WINE GRAPES	6/11/2006	71	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	6	GA
10S18E8	WINE GRAPES	6/11/2006	71	62719-375-AA	QUINTEC	QUINOXYFEN	2	GA
10S18E8	WINE GRAPES	6/11/2006	79	62719-375-AA	QUINTEC	QUINOXYFEN	2	GA
10S18E8	WINE GRAPES	6/11/2006	71	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	38	LB
10S18E8	WINE GRAPES	6/11/2006	79	7969-106-ZA	NEXTER MITICIDE/INSECTITIDE	PYRIDABEN	43	LB
11S17E7	PLUM	6/11/2006	72	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	864	OZ
10S16E34	PISTACHIO	6/12/2006	40	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	5	PT
10S16E34	WINE GRAPES	6/12/2006	70	55429-3-AA	DUSTING SULFUR	SULFUR	1050	LB
10S16E36	N-GRNHS FLOWER	6/12/2006	1	100-996-AA	BONZI ORNAMENTAL GROWTH REGULATOR	PACLOBUTRAZOL	234	OZ
10S16E36	N-GRNHS FLOWER	6/12/2006	0	400-478-AA	B-NINE WSG	DAMINOZIDE	4	OZ
10S16E36	GRAPE, RAISIN	6/12/2006	20	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	235	LB
10S17E12	WINE GRAPES	6/12/2006	114	4581-373-ZA	MICROTHIOL DISPERS MICRONIZED WE	SULFUR	223	LB
10S17E12	WINE GRAPES	6/12/2006	114	59639-35-AA	DANITOL 2.4 EC SPRAY	FENPROPATHRIN	10	GA
10S17E12	WINE GRAPES	6/12/2006	114	62719-375-AA	QUINTEC	QUINOXYFEN	4	GA
10S17E12	WINE GRAPES	6/12/2006	114	7969-106-AA	SANMITE MITICIDE/INSECTICIDE	PYRIDABEN	61	LB
10S17E15	GRAPE, RAISIN	6/12/2006	35	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	44	PT
10S17E15	GRAPE, RAISIN	6/12/2006	35	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	44	PT
10S17E21	WINE GRAPES	6/12/2006	11	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	110	OZ
10S17E21	WINE GRAPES	6/12/2006	79	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	790	OZ
10S17E21	WINE GRAPES	6/12/2006	79	62719-410-AA	RALLY 40W AGRICULTURAL	MYCLOBUTANIL	4	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					FUNGICIDE			
10S17E21	WINE GRAPES	6/12/2006	11	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	55	OZ
10S17E28	GRAPE, RAISIN	6/12/2006	20	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	300	LB
10S17E28	GRAPE, RAISIN	6/12/2006	35	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	525	LB
10S17E28	GRAPE, RAISIN	6/12/2006	39	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	585	LB
10S17E31	GRAPE, RAISIN	6/12/2006	50	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	48	PT
10S17E34	GRAPE, RAISIN	6/12/2006	34	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	510	LB
10S17E34	WINE GRAPES	6/12/2006	10	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	150	LB
10S18E18	PISTACHIO	6/12/2006	7	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	3	GA
10S18E18	PISTACHIO	6/12/2006	6	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	2	GA
10S18E18	PISTACHIO	6/12/2006	6	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E18	PISTACHIO	6/12/2006	7	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E19	PISTACHIO	6/12/2006	40	524-520-AA	FIRE POWER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	28	GA
10S18E19	PISTACHIO	6/12/2006	40	524-520-AA	FIRE POWER HERBICIDE	OXYFLUORFEN	28	GA
10S18E19	PISTACHIO	6/12/2006	6	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	2	GA
10S18E19	PISTACHIO	6/12/2006	6	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	0	GA
10S18E28	PISTACHIO	6/12/2006	10	524-520-AA	FIRE POWER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	7	GA

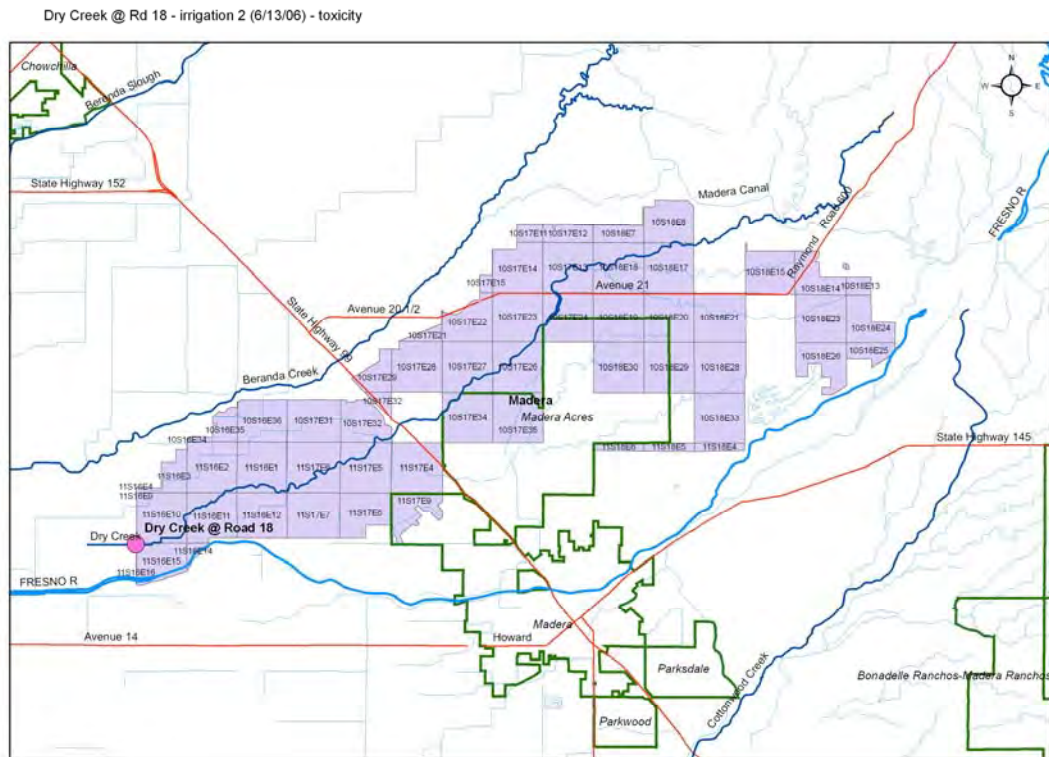
TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S18E28	PISTACHIO	6/12/2006	10	524-520-AA	FIRE POWER HERBICIDE	OXYFLUORFEN	7	GA
10S18E29	PISTACHIO	6/12/2006	40	524-520-AA	FIRE POWER HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	28	GA
10S18E29	PISTACHIO	6/12/2006	40	524-520-AA	FIRE POWER HERBICIDE	OXYFLUORFEN	28	GA
10S18E7	WINE GRAPES	6/12/2006	313	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	114	GA
11S16E1	GRAPE, RAISIN	6/12/2006	20	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	400	LB
11S16E10	GRAPE, RAISIN	6/12/2006	40	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	593	LB
11S16E11	WINE GRAPES	6/12/2006	29	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	435	LB
11S16E11	WINE GRAPES	6/12/2006	36	6325-17-AA	YELLOW JACKET SPECIAL DUSTING SUL	SULFUR	540	LB
11S16E14	WINE GRAPES	6/12/2006	121	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	13	GA
11S16E14	WINE GRAPES	6/12/2006	146	2935-48-ZA	WILBUR-ELLIS DUSTING SULFUR	SULFUR	1460	LB
11S16E3	ALMOND	6/12/2006	27	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	12	PT
11S16E3	ALMOND	6/12/2006	14	42750-61-AA-72693	GLY-4 PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	16	PT
11S16E3	ALMOND	6/12/2006	27	62719-424-AA	GOAL 2XL	OXYFLUORFEN	12	OZ
11S16E3	ALMOND	6/12/2006	14	62719-424-AA	GOAL 2XL	OXYFLUORFEN	16	OZ
11S16E4	ALMOND	6/12/2006	35	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	38	PT
11S16E4	ALMOND	6/12/2006	35	62719-424-AA	GOAL 2XL	OXYFLUORFEN	19	PT
11S16E9	ALMOND	6/12/2006	30	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	108	QT
11S16E9	ALMOND	6/12/2006	30	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	780	OZ
11S17E8	ALMOND	6/12/2006	80	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	1280	OZ
11S17E8	ALMOND	6/12/2006	80	524-539-AA	ROUNDUP ORIGINAL MAX	GLYPHOSATE, POTASSIUM SALT	1280	OZ
10S16E36	N-GRNHS FLOWER	6/13/2006	0	1001-63-AA	3336 WP TURF	THIOPHANATE-METHYL	64	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
10S16E36	N-GRNHS FLOWER	6/13/2006	0	100-796-AA	SUBDUE MAXX MC	MEFENOXAM	8	OZ
10S16E36	N-GRNHS FLOWER	6/13/2006	0	100-955-AA	FLAGSHIP 25W	THIAMETHOXAM	0	OZ
10S17E21	WINE GRAPES	6/13/2006	39	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	389	OZ
10S17E21	WINE GRAPES	6/13/2006	12	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	116	OZ
10S17E21	WINE GRAPES	6/13/2006	19	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	192	OZ
10S17E21	WINE GRAPES	6/13/2006	19	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	96	OZ
10S17E21	WINE GRAPES	6/13/2006	39	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	194	OZ
10S17E21	WINE GRAPES	6/13/2006	12	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	58	OZ
10S17E29	WINE GRAPES	6/13/2006	140	100-1154-AA	EPI MECK 0.15 EC	ABAMECTIN	1120	OZ
10S17E29	WINE GRAPES	6/13/2006	154	100-1154-AA	EPI MECK 0.15 EC	ABAMECTIN	1232	OZ
10S17E29	WINE GRAPES	6/13/2006	161	100-1154-AA	EPI MECK 0.15 EC	ABAMECTIN	1292	OZ
10S17E29	WINE GRAPES	6/13/2006	154	264-749-AA	ELITE 45WP, BAYER CORP	TEBUCONAZOLE	616	OZ
10S17E29	WINE GRAPES	6/13/2006	161	264-749-AA	ELITE 45WP, BAYER CORP	TEBUCONAZOLE	646	OZ
10S17E29	WINE GRAPES	6/13/2006	140	264-749-AA	ELITE 45WP, BAYER CORP	TEBUCONAZOLE	560	OZ
10S17E29	WINE GRAPES	6/13/2006	161	2935-407-ZA	GOLDEN-DEW	SULFUR	484	LB
10S17E29	WINE GRAPES	6/13/2006	154	2935-407-ZA	GOLDEN-DEW	SULFUR	462	LB
10S17E29	WINE GRAPES	6/13/2006	140	2935-407-ZA	GOLDEN-DEW	SULFUR	420	LB
10S17E31	GRAPE, RAISIN	6/13/2006	7	2935-503-AA	SPECIAL ELECTRIC REFINED SUPER-AD	SULFUR	140	LB
10S17E31	GRAPE, RAISIN	6/13/2006	3	2935-503-AA	SPECIAL ELECTRIC REFINED	SULFUR	60	LB

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
					SUPER-AD			
10S17E34	GRAPE, RAISIN	6/13/2006	38	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	567	LB
10S18E15	PISTACHIO	6/13/2006	80	279-3051-AA	POUNCE 25 WP	PERMETHRIN	640	OZ
10S18E18	WINE GRAPES	6/13/2006	62	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	23	GA
10S18E23	PISTACHIO	6/13/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	16	GA
10S18E24	PISTACHIO	6/13/2006	30	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	12	GA
10S18E25	PISTACHIO	6/13/2006	40	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	16	GA
10S18E25	PISTACHIO	6/13/2006	21	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	1344	OZ
10S18E26	PISTACHIO	6/13/2006	20	524-475-ZE	ROUNDUP ORIGINAL II CA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	8	GA
10S18E7	WINE GRAPES	6/13/2006	78	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	29	GA
10S18E8	WINE GRAPES	6/13/2006	79	264-652-AA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	29	GA
11S16E11	PLUM	6/13/2006	4	62719-410-AA	RALLY 40W AGRICULTURAL FUNGICIDE	MYCLOBUTANIL	16	OZ
11S16E11	PLUM	6/13/2006	4	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	4	PT
11S16E12	GRAPE, RAISIN	6/13/2006	35	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	700	LB
11S16E12	GRAPE, RAISIN	6/13/2006	30	2935-48-AA	RED-TOP DUSTING SULFUR	SULFUR	600	LB
11S16E16	ALMOND	6/13/2006	4	264-652-ZA	RELY	GLUFOSINATE-AMMONIUM	640	OZ
11S16E16	ALMOND	6/13/2006	4	71368-20-ZA	NUFARM CREDIT SYSTEMIC EXTRA HERB	GLYPHOSATE, ISOPROPYLAMINE	4	GA
11S17E4	WINE GRAPES	6/13/2006	94	264-761-AA	PROVADO SOLUPAK 75%	IMIDACLOPRID	141	OZ
11S17E4	WINE GRAPES	6/13/2006	94	62719-410-ZC	RALLY 40 WSP	MYCLOBUTANIL	376	OZ
11S17E4	WINE GRAPES	6/13/2006	94	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	602	OZ

TRS	Commodity	App date	Treated acres	EPA #	Product name	AI	Quantity used	Unit
11S17E6	ALMOND	6/13/2006	62	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	93	LB

Figure 48. Location of Pesticide applications at Dry Creek @ Rd 18 - irrigation 2.



Dry Creek @ Wellsford Rd – irrigation 5 (9/14/06).

Survival of 70% was reported for *Ceriodaphnia* for the sample collected at the Dry Creek @ Wellsford Rd. site subwatershed during the irrigation 5 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. The site was re-sampled in response to the September 12, 2006 toxicity exceedance on September 21, 2006. No toxicity was observed from the September 21, 2006 re-sampling. Toxicity at the site appears to not be persistent since the re-sampling of the Dry Creek @ Wellsford Rd. showed insignificant (greater than 80% survival compared to control) toxicity.

Due to a reduction of less than 50% in survival in the Dry Creek ambient water sample, no toxicity identification evaluation was performed for this sample. Although the Dry Creek @ Wellsford Road sites has not previously experienced a toxicity exceedance, it has experienced exceedances of chlorpyrifos. Dry Creek @ Wellsford Road experienced exceedances of 0.026 µg/L and 0.024 µg/L during the July 11-13 and August 8-10, 2006 sampling events, respectively. It may be that the chlorpyrifos concentrations seen during the previous samplings were too low to produce significant toxic effects. The Pesticide Use Reports for the period immediately preceding the monitoring event have been requested but have not yet been received.

Table 60. Re-sample toxicity results for Berenda Slough along Road 18 and Dry Creek @ Wellsford Road ambient water.

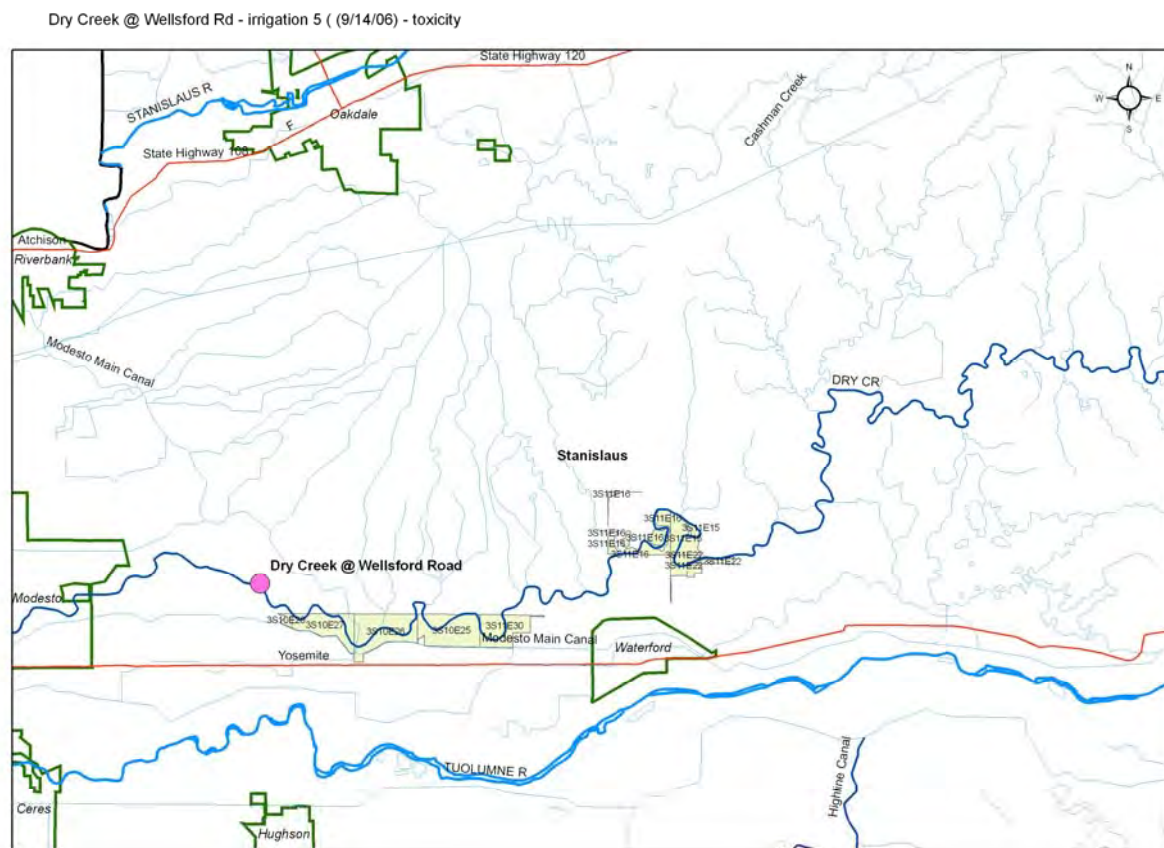
Site	Treatment/Sample ID	% Survival
Dry Creek @ Wellsford Road	Lab Control-re-test	95
Dry Creek @ Wellsford Road	Ambient sample- re-test	100

The *C. dubia* test lab Control treatment exhibited a mean survival response of 95% and the percent survival of the *C. azteca* within the ambient samples taken September 21, 2006 was 100%. Toxicity at the site appears to not be persistent since the re-sampling of Dry Creek @ Wellsford Road site showed insignificant (greater than 80% survival compared to control) toxicity. Due to a reduction of less than 50% in survival in the Dry Creek ambient water sample, no toxicity identification evaluation was performed for that sample.

Table 61. Pesticide applications at Dry Creek @ Wellsford Rd - irrigation 5.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	unit
3S10E25	ALMOND	8/31/06	G	13	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	5	GA
3S10E26	ALMOND	9/6/06	G	18.2	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	11	QT
3S10E27	WALNUT	9/1/06	G	15	400-89-AA	OMITE-6E	PROPARGITE	39.9	PT
3S10E27	ALMOND	9/11/06	G	8	62719-32-ZB	TELONE II CA	1,3- DICHLOROPROPENE	261	GA
3S10E28	WALNUT	8/31/06	G	3	524-454-AA- 55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3	QT
3S10E28	WALNUT	9/8/06	G	10	62719-359-AA	GF-120 NATURALYTE* FRUIT FLY BAIT	SPINOSAD	1.95	GA
3S11E15	WALNUT	9/2/06	G	30	400-82-AA	OMITE-30W	PROPARGITE	240	LB
3S11E16	ALMOND	9/14/06	G	242	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	2420	OZ
3S11E22	ALMOND	9/13/06	G	145	524-445-AA	MON-35085	GLYPHOSATE, ISOPROPYLAMINE SALT	27	GA
3S11E22	ALMOND	9/13/06	G	145	62719-424-AA	GOAL2XL	OXYFLUORFEN	18	QT
3S11E30	WALNUT	9/8/06	G	11	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	5.72	GA

Figure 49. Location of pesticide applications at Dry Creek @ Wellsford Rd - irrigation 5.



Highline Canal @ Lombardy Rd – irrigation 2 (6/14/06).

Survival of 65% was reported for *Ceriodaphnia* for the sample collected at the Highline Canal @ Lombardy Rd site subwatershed during the irrigation 2 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. Re-sampling occurred on June 23, 2006. The re-sample showed insignificant (greater than 80% survival compared to control) toxicity (% survival was 100%) which indicates that the toxicity was not persistent. Since the original sample had a survival greater than 50%, no TIE and no dilution series' were performed.

Table 62. Pesticide applications in the Highline Canal @ Lombardy Rd site subwatershed during the 2 weeks prior to June 14 sampling (Merced County data)

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S11E25	ALMOND	5/31/06	G	76	43743-2-AA	GASTOXIN FUMIGATION PELLETS	ALUMINUM PHOSPHIDE	200	OZ
5S11E25	ALMOND	5/31/06	G	39	43743-2-AA	GASTOXIN FUMIGATION PELLETS	ALUMINUM PHOSPHIDE	150	OZ
5S11E26	ALMOND	5/31/06	G	100	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	350	OZ
5S11E27	ALMOND	5/31/06	G	10	36029-1-ZA	WILCO GOPHER GETTER TYPE-1 BAIT	STRYCHNINE	2	LBS
5S11E27	ALMOND	5/31/06	G	10	5857-1-ZB	FUMITOXIN TABLETS	ALUMINUM PHOSPHIDE	2	UNITS
5S11E28	PEACH	5/31/06	G	26	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	83.2	OZ
5S11E28	PEACH	5/31/06	G	26	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	260	LBS
5S11E34	PEACH	5/31/06	G	2.56	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	8.19	OZ
5S11E34	PEACH	5/31/06	G	18	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	57.6	OZ
5S11E34	PEACH	5/31/06	G	3.6	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	11.52	OZ
5S11E34	PEACH	5/31/06	G	5.66	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	18.11	OZ
5S11E34	PEACH	5/31/06	G	5.6	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	17.92	OZ
5S11E34	PEACH	5/31/06	G	2.32	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	7.42	OZ
5S11E34	PEACH	5/31/06	G	3.6	55429-1-AA	CSC WETTABLE OR DUSTING SULFUR	SULFUR	36	LBS
5S11E34	PEACH	5/31/06	G	2.56	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	25.6	LBS
5S11E34	PEACH	5/31/06	G	5.66	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	56.6	LBS
5S11E34	PEACH	5/31/06	G	5.6	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	56	LBS
5S11E34	PEACH	5/31/06	G	2.32	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	23.2	LBS
5S11E34	PEACH	5/31/06	G	18	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	180	LBS
5S11E36	PEACH	5/31/06	G	13.24	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	42.37	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S11E36	PEACH	5/31/06	G	13.9	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	44.48	OZ
5S11E36	PEACH	5/31/06	G	16	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	51.2	OZ
5S11E36	PEACH	5/31/06	G	2.84	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	9.09	OZ
5S11E36	PEACH	5/31/06	G	8.44	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	LAMBDA-CYHALOTHRIN	27.01	OZ
5S11E36	PEACH	5/31/06	G	13.24	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	132.4	LBS
5S11E36	PEACH	5/31/06	G	13.9	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	139	LBS
5S11E36	PEACH	5/31/06	G	16	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	160	LBS
5S11E36	PEACH	5/31/06	G	2.84	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	28.4	LBS
5S11E36	PEACH	5/31/06	G	8.44	55429-1-ZA	CSC WETTABLE SULFUR	SULFUR	84.4	LBS
5S11E24	ALMOND	6/1/06	G	74	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	111	LBS
5S11E28	ALMOND	6/2/06	G	10	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	3.13	QT
5S11E28	ALMOND	6/2/06	G	10	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	1	QT
5S11E28	ALMOND	6/2/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	2	QT
5S11E34	PEACH	6/2/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	100	OZ
5S11E34	PEACH	6/2/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	100	OZ
5S11E34	PEACH	6/2/06	G	30	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	300	OZ
5S11E34	PEACH	6/2/06	G	30	6325-13-ZA	YELLOW JACKET WETTABLE DUSTING SULFUR II	SULFUR	300	LBS
5S11E34	PEACH	6/2/06	G	10	6325-13-ZA	YELLOW JACKET WETTABLE DUSTING SULFUR II	SULFUR	100	LBS
5S11E34	PEACH	6/2/06	G	10	6325-13-ZA	YELLOW JACKET WETTABLE DUSTING SULFUR II	SULFUR	100	LBS
5S11E13	ALMOND	6/3/06	G	565	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	1130	LBS
5S11E27	ALMOND	6/3/06	G	10	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	3.1	QT
5S11E27	ALMOND	6/3/06	G	20	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	1.6	GA
5S11E27	ALMOND	6/3/06	G	20	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	2	QT
5S11E27	ALMOND	6/3/06	G	10	264-826-AA	GEM 500 SC FUNGICIDE	TRIFLOXYSTROBIN	1	QT
5S11E27	ALMOND	6/3/06	G	10	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	2	QT

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
5S11E27	ALMOND	6/3/06	G	20	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	1	GA
5S11E36	ALMOND	6/3/06	G	39	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	3	GA
5S12E18	ALMOND	6/3/06	G	360	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	720	LBS
5S12E30	ALMOND	6/3/06	G	100	400-461-AA	DIMILIN 2L	DIFLUBENZURON	1600	OZ
5S12E30	ALMOND	6/3/06	G	100	612-10-AA	GAVICIDE SUPER 90	MINERAL OIL	100	GA
5S12E31	ALMOND	6/3/06	G	23	59639-114-AA	ESTEEM ANT BAIT	PYRIPROXYFEN	46	LBS
5S11E28	ALMOND	6/5/06	G	40	11656-96-AA	FIRST CHOICE GAVICIDE SUPER 90	MINERAL OIL	40	GA
5S11E28	ALMOND	6/5/06	G	40	72167-43-AA-66222	ABBA 0.15 EC	Abamectin	4	GA
5S11E26	ALMOND	6/6/06	G	20	62719-220-AA-55467	GOVERN 4E INSECTICIDE	CHLORPYRIFOS	40	PT
5S11E27	WALNUT	6/7/06	G	2.5	81391-1-AA-73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	10	OZ
5S11E27	ALMOND	6/7/06	G	22	81391-1-AA-73220	FARMSAVER.COM OXIFLO 2EC	OXYFLUORFEN	88	OZ
5S11E27	ALMOND	6/9/06	G	13	62719-447-ZA	GOALTENDER	OXYFLUORFEN	3.9	PT
5S11E27	ALMOND	6/9/06	G	13	7969-58-AA	POAST	SETHOXYDIM	9.75	PT
5S11E26	PEACH	6/10/06	G	25	2935-92-ZA	WILBUR-ELLIS SPRAY SULFUR	SULFUR	250	LBS
5S11E26	PEACH	6/10/06	G	25	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	5	QT
5S11E27	ALMOND	6/10/06	G	10	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	100	OZ
5S11E27	ALMOND	6/10/06	G	10	10182-415-ZA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	0.5	GA
5S11E27	ALMOND	6/10/06	G	10	1202-178-AA	GAVICIDE SUPER 90	MINERAL OIL	8	GA
5S11E27	ALMOND	6/11/06	G	53	43743-1-AA	GASTOXIN FUMIGATION TABLETS	ALUMINUM PHOSPHIDE	13.2	LBS
5S12E30	CORN FOR/FOD	6/11/06	A	80	66222-19-AA	CHLORPYRIFOS 4E AG	CHLORPYRIFOS	2560	OZ
5S11E36	ALMOND	6/13/06	G	20	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	20	OZ

Table 63. Pesticide applications in the Highline Canal @ Lombardy Rd site subwatershed during the 2 weeks prior to June 14 sampling (Stanislaus County data)

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
4S11E28	WALNUT	6/1/2006	G	35	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	419	OZ
4S11E28	WALNUT	6/1/2006	G	35	62719-424-AA	GOAL2XL	OXYFLUORFEN	84	OZ
5S11E5	GRAPE	6/1/2006	G	6	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	6	PT
3S11E25	ALMOND	6/2/2006	G	100	100-894-ZA	CLINCH ANT BAIT	ABAMECTIN	100	LB
3S12E31	WALNUT	6/2/2006	G	80	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	40	GA
3S12E31	WALNUT	6/2/2006	G	90	62719-220-ZA	LORSBAN-4E	CHLORPYRIFOS	45	GA
3S12E33	ALMOND	6/2/2006	G	98	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SA	147	PT
3S12E33	ALMOND	6/2/2006	G	98	66222-28-AA	GALIGAN 2E OXYFLUORFEN HERBICIDE	OXYFLUORFEN	392	OZ
3S12E33	ALMOND	6/2/2006	G	98	72167-17-AA-73220	FARMSAVER.COM ORYZALIN 4 A.S.	ORYZALIN	196	PT
3S12E34	OP-DEC. TREE	6/2/2006	G	11	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE AND NUR	CYFLUTHRIN	773	GR
3S12E34	OP-DEC. TREE	6/2/2006	G	10	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE AND NUR	CYFLUTHRIN	703	GR
4S11E15	OP-DEC. TREE	6/2/2006	G	24	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE AND NUR	CYFLUTHRIN	1758	GR
4S11E15	OP-DEC. TREE	6/2/2006	G	34	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE AND NUR	CYFLUTHRIN	2390	GR
4S11E25	ALMOND	6/2/2006	G	24	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	2	PT
4S11E25	ALMOND	6/2/2006	G	24	100-526-ZB	PRINCEP 4L	SIMAZINE	2	PT
4S11E25	ALMOND	6/2/2006	G	25	35915-11-AA-60063	SIM-TROL 4L	SIMAZINE	6	GA
4S11E25	ALMOND	6/2/2006	G	25	42750-19-ZA	ORCHARD STAR	2,4-D, DIMETHYLAMINE SALT	6	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
4S11E25	ALMOND	6/2/2006	G	25	42750-19-ZA	ORCHARD STAR	2,4-D, DIMETHYLAMINE SALT	6	GA
4S11E25	ALMOND	6/2/2006	G	24	42750-19-ZA	ORCHARD STAR	2,4-D, DIMETHYLAMINE SALT	12	OZ
4S11E25	ALMOND	6/2/2006	G	24	42750-19-ZA	ORCHARD STAR	2,4-D, DIMETHYLAMINE SALT	12	OZ
4S11E25	ALMOND	6/2/2006	G	25	4787-31-AA-72693	GLY-4 HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SA	6	GA
4S11E25	ALMOND	6/2/2006	G	24	59639-99-AA	CHATEAU HERBICIDE SW	FLUMIOXAZIN	6	OZ
4S11E25	ALMOND	6/2/2006	G	24	62719-424-AA	GOAL2XL	OXYFLUORFEN	10	OZ
4S11E27	CORN FOR/FOD	6/2/2006	G	137	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	45	OZ
4S11E27	CORN FOR/FOD	6/2/2006	G	137	352-608-AA	DUPONT STEADFAST HERBICIDE	RIMSULFURON	103	OZ
4S11E27	CORN FOR/FOD	6/2/2006	G	137	352-608-AA	DUPONT STEADFAST HERBICIDE	NICOSULFURON	103	OZ
4S11E27	CORN FOR/FOD	6/2/2006	G	137	70907-12-AA	ORACLE DICAMBA AGRICULTURAL HERBI	DICAMBA, DIMETHYLAMINE SALT	21	GA
4S11E33	PEACH	6/2/2006	G	20	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	200	OZ
4S11E33	PEACH	6/2/2006	G	20	6325-13-ZA	YELLOW JACKET WETTABLE DUSTING SU	SULFUR	200	LB
4S12E30	ALMOND	6/2/2006	G	188	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	129	PT
4S12E30	ALMOND	6/2/2006	G	188	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TEC	LAMBDA-CYHALOTHRIN	35	PT
5S11E1	ALMOND	6/2/2006	G	480	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	960	PT
5S11E1	ALMOND	6/2/2006	G	580	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	1160	PT
5S12E5	BEAN DRIED	6/2/2006	G	170	100-816-AA	DUAL MAGNUM HERBICIDE	S-METOLACHLOR	32	GA
5S12E5	BEAN DRIED	6/2/2006	G	170	100-816-AA	DUAL MAGNUM HERBICIDE	S-METOLACHLOR	32	GA
3S12E33	OP-DEC. TREE	6/3/2006	G	35	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	408	OZ
3S12E34	OP-DEC. TREE	6/3/2006	G	9	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	108	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
3S12E34	ALMOND	6/3/2006	G	15	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	1	GA
3S12E34	ALMOND	6/3/2006	G	0	11656-96-AA	FIRST CHOICE GAVICIDE SUPER 90	MINERAL OIL	0	GA
3S12E34	ALMOND	6/3/2006	G	15	11656-96-AA	FIRST CHOICE GAVICIDE SUPER 90	MINERAL OIL	12	GA
4S11E16	ALMOND	6/3/2006	G	8	59639-78-AA	PRISM HERBICIDE	CLETHODIM	1	GA
4S12E29	ALMOND	6/3/2006	G	211	70506-13-AA	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	40	OZ
4S12E29	ALMOND	6/3/2006	G	206	70506-13-AA	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	40	OZ
4S12E30	ALMOND	6/3/2006	G	238	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SA	950	PT
4S12E30	ALMOND	6/3/2006	G	238	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	2880	PT
3S12E34	OP-DEC. TREE	6/5/2006	G	10	62719-292-AA	SUCCESS	SPINOSAD	48	OZ
3S12E34	OP-DEC. TREE	6/5/2006	G	11	62719-292-AA	SUCCESS	SPINOSAD	53	OZ
4S11E15	OP-DEC. TREE	6/5/2006	G	34	62719-292-AA	SUCCESS	SPINOSAD	163	OZ
4S11E15	OP-DEC. TREE	6/5/2006	G	33	62719-292-AA	SUCCESS	SPINOSAD	158	OZ
4S11E15	OP-DEC. TREE	6/5/2006	G	24	62719-292-AA	SUCCESS	SPINOSAD	120	OZ
4S11E15	OP-DEC. TREE	6/5/2006	G	34	62719-292-AA	SUCCESS	SPINOSAD	163	OZ
4S11E3	ALMOND	6/5/2006	G	38	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	456	OZ
4S12E21	GRAPE, WINE	6/5/2006	G	75	4581-373-AA	MICROTHIOL SPECIAL MICRONIZED WET	SULFUR	564	LB
4S12E21	GRAPE, WINE	6/5/2006	G	75	62719-375-AA	QUINTEC	QUINOXYFEN	11	GA
4S12E21	GRAPE, WINE	6/5/2006	G	75	73049-54-AA	BIOBIT HP BIOLOGICAL INSECTICIDE	BACILLUS THURINGIENSIS, SUBSP	282	LB
5S11E1	ALMOND	6/5/2006	G	120	264-652-ZA	RELY HERBICIDE	GLUFOSINATE-AMMONIUM	8	GA
5S11E1	ALMOND	6/5/2006	G	120	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	45	GA
4S11E3	ALMOND	6/6/2006	G	86	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	1032	OZ
4S11E3	ALMOND	6/6/2006	G	20	100-898-AA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	200	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
4S11E3	ALMOND	6/6/2006	G	20	11656-96-AA	FIRST CHOICE GAVICIDE SUPER 90	MINERAL OIL	20	GA
4S12E2	ALMOND	6/6/2006	G	30	62719-424-AA	GOAL2XL	OXYFLUORFEN	240	OZ
4S12E2	ALMOND	6/6/2006	G	30	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SA	30	QT
5S11E3	ALMOND	6/6/2006	G	137	100-1154-AA	EPI-MEK 0.15 EC MITICI DE/INSECTIC	ABAMECTIN	11	GA
3S11E36	WALNUT	6/7/2006	G	30	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TEC	LAMBDA-CYHALOTHRIN	96	OZ
3S12E34	OP-DEC. TREE	6/7/2006	G	25	62719-292-AA	SUCCESS	SPINOSAD	134	OZ
3S12E34	OP-DEC. TREE	6/7/2006	G	9	62719-292-AA	SUCCESS	SPINOSAD	46	OZ
4S11E26	ALMOND	6/7/2006	G	60	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	19	GA
4S11E26	ALMOND	6/7/2006	G	60	100-526-ZB	PRINCEP 4L	SIMAZINE	15	GA
4S11E26	ALMOND	6/7/2006	G	60	100-849-ZC	SOLICAM DF HERBICIDE	NORFLURAZON	60	LB
4S11E26	ALMOND	6/7/2006	G	60	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	0	GA
4S11E34	ALMOND	6/7/2006	G	85	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	27	GA
4S11E34	ALMOND	6/7/2006	G	85	100-526-ZB	PRINCEP 4L	SIMAZINE	21	GA
4S11E34	ALMOND	6/7/2006	G	85	100-849-ZC	SOLICAM DF HERBICIDE	NORFLURAZON	85	LB
4S11E34	ALMOND	6/7/2006	G	85	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	1	GA
3S11E36	WALNUT	6/8/2006	G	16	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TEC	LAMBDA-CYHALOTHRIN	51	OZ
3S11E36	WALNUT	6/8/2006	G	30	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TEC	LAMBDA-CYHALOTHRIN	99	OZ
3S11E36	WALNUT	6/8/2006	G	32	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TEC	LAMBDA-CYHALOTHRIN	102	OZ
3S12E33	ALMOND	6/8/2006	G	10	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	128	OZ
3S12E33	ALMOND	6/8/2006	G	10	11656-96-AA	FIRST CHOICE GAVICIDE SUPER 90	MINERAL OIL	10	GA
4S12E2	ALMOND	6/8/2006	G	75	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	750	OZ
4S12E2	ALMOND	6/8/2006	G	75	100-1112-AA	WARRIOR INSECTICIDE WITH	LAMBDA-CYHALOTHRIN	225	OZ

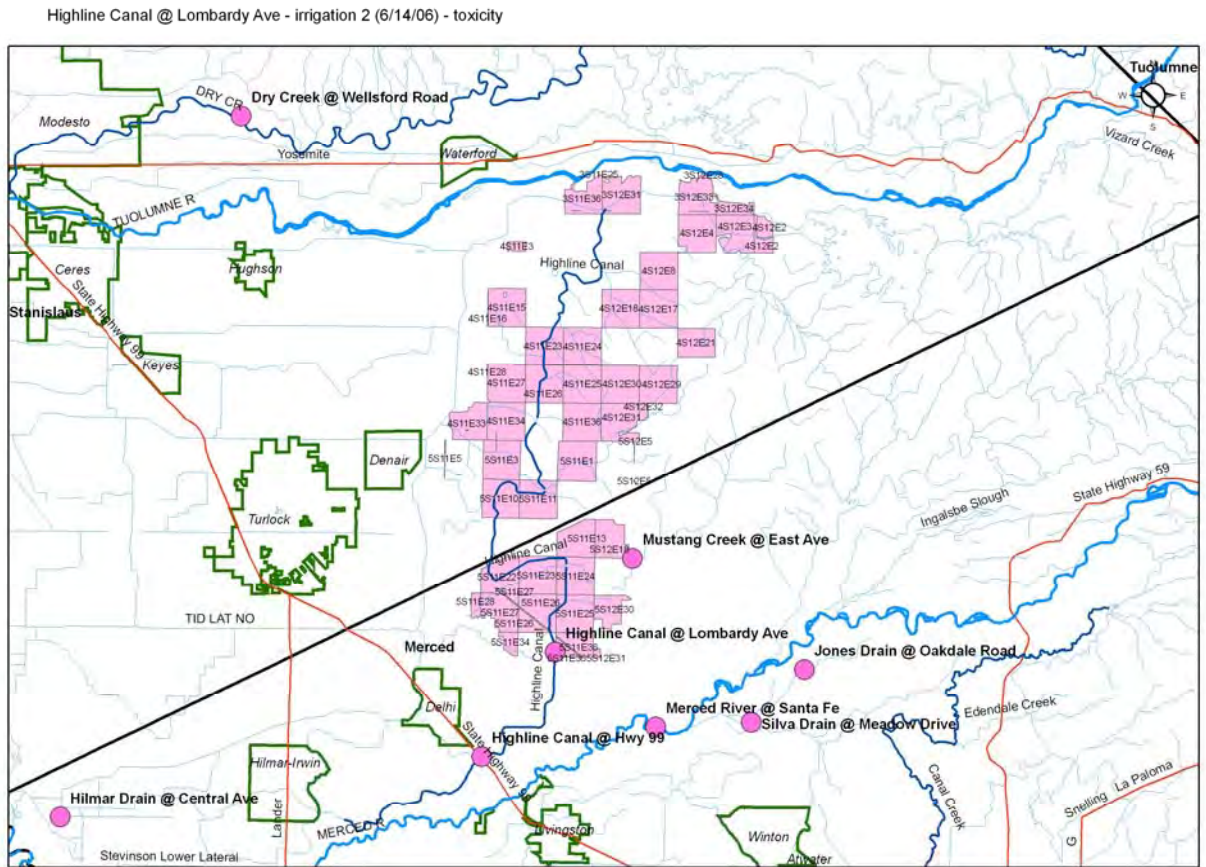
TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
						ZEON TEC			
4S12E2	ALMOND	6/8/2006	G	75	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTIC	ABAMECTIN	750	OZ
5S11E1	ALMOND	6/8/2006	G	60	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	162	PT
4S11E16	ALMOND	6/9/2006	G	50	4787-31-AA	GLYFOS HERBICIDE	GLYPHOSATE	19	GA
4S11E16	ALMOND	6/9/2006	G	50	62719-424-AA	GOAL2XL	OXYFLUORFEN	2	GA
4S11E36	ALMOND	6/9/2006	G	143	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	2860	OZ
4S11E36	ALMOND	6/9/2006	G	143	62719-424-AA	GOAL2XL	OXYFLUORFEN	572	OZ
4S12E3	ALMOND	6/9/2006	G	52	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	520	OZ
4S12E3	ALMOND	6/9/2006	G	52	100-1112-AA	WARRIOR INSECTICIDE WITH ZEON TEC	LAMBDA-CYHALOTHRIN	156	OZ
4S12E3	ALMOND	6/9/2006	G	52	100-1154-AA	EPI-MEK 0.15 EC MITICIDE/INSECTIC	ABAMECTIN	520	OZ
4S12E4	ALMOND	6/9/2006	G	40	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	512	OZ
4S12E4	ALMOND	6/9/2006	G	41	100-1098-AA	ABOUND FLOWABLE FUNGICIDE	AZOXYSTROBIN	631	OZ
4S12E4	ALMOND	6/9/2006	G	41	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	410	OZ
4S12E4	ALMOND	6/9/2006	G	40	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTI	ABAMECTIN	400	OZ
4S12E4	ALMOND	6/9/2006	G	41	11656-96-AA	FIRST CHOICE GAVICIDE SUPER 90	MINERAL OIL	41	GA
4S12E4	ALMOND	6/9/2006	G	40	11656-96-AA	FIRST CHOICE GAVICIDE SUPER 90	MINERAL OIL	40	GA
5S11E1	ALMOND	6/9/2006	G	60	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	162	PT
5S11E1	ALMOND	6/9/2006	G	60	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	162	PT
4S11E23	ALMOND	6/10/2006	G	47	35915-11-AA	SIM-TROL 4L	SIMAZINE	376	OZ
4S11E23	ALMOND	6/10/2006	G	47	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	141	PT
4S11E23	ALMOND	6/10/2006	G	47	62719-424-AA	GOAL2XL	OXYFLUORFEN	376	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
4S11E24	ALMOND	6/10/2006	G	46	35915-11-AA	SIM-TROL 4L	SIMAZINE	368	OZ
4S11E24	ALMOND	6/10/2006	G	46	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	138	PT
4S11E24	ALMOND	6/10/2006	G	46	62719-424-AA	GOAL2XL	OXYFLUORFEN	368	OZ
4S12E3	ALMOND	6/10/2006	G	26	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	26	QT
4S12E32	PISTACHIO	6/10/2006	G	18	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	360	OZ
4S12E32	PISTACHIO	6/10/2006	G	18	62719-424-AA	GOAL2XL	OXYFLUORFEN	72	OZ
5S11E5	GRAPE	6/10/2006	G	6	264-761-AA	PROVADO SOLUPAK 75% WETTABLE POWD	IMIDACLOPRID	4	OZ
5S11E5	GRAPE	6/10/2006	G	6	73049-15-AA	PRO-GIBB 4% PLANT GROWTH REGULATO	GIBBERELLINS	192	OZ
5S11E5	GRAPE	6/10/2006	G	6	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	60	OZ
5S11E5	GRAPE	6/10/2006	G	6	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	60	OZ
4S11E23	ALMOND	6/11/2006	G	1	59639-91-AA	ORTHENE TURF, TREE & ORNAMENTAL S	ACEPHATE	1	LB
4S12E31	ALMOND	6/11/2006	G	157	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	6280	OZ
4S12E31	ALMOND	6/11/2006	G	157	62719-424-AA	GOAL2XL	OXYFLUORFEN	1256	OZ
3S12E28	WALNUT	6/12/2006	G	70	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	700	LB
3S12E28	WALNUT	6/12/2006	G	70	352-655-AA	MANEX	MANEB	4060	OZ
4S11E15	OP-DEC. TREE	6/12/2006	G	33	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE AND NUR	CYFLUTHRIN	2475	GR
4S11E15	OP-DEC. TREE	6/12/2006	G	34	62719-292-AA	SUCCESS	SPINOSAD	165	OZ
4S11E15	OP-DEC. TREE	6/12/2006	G	2	70506-9-AA	PERM-UP 3.2 EC INSECTICIDE	PERMETHRIN	0	GA
4S12E31	ALMOND	6/12/2006	G	81	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	3240	OZ
4S12E31	ALMOND	6/12/2006	G	81	62719-424-AA	GOAL2XL	OXYFLUORFEN	648	OZ
5S11E11	SUDANGRASS	6/12/2006	G	112	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	2	QT
5S11E11	SUDANGRASS	6/12/2006	G	112	33658-14-AA	ORACLE	DICAMBA, DIMETHYLAMINE SALT	7	GA

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
4S11E15	OP-DEC. TREE	6/13/2006	G	34	3125-430-AA-59807	DECATHLON 20WP GREENHOUSE AND NUR	CYFLUTHRIN	295	GR
4S11E15	OP-DEC. TREE	6/13/2006	G	42	62719-292-AA	SUCCESS	SPINOSAD	210	OZ
4S11E15	OP-DEC. TREE	6/13/2006	G	5	62719-292-AA	SUCCESS	SPINOSAD	25	OZ
4S11E15	OP-DEC. TREE	6/13/2006	G	34	62719-292-AA	SUCCESS	SPINOSAD	175	OZ
4S11E15	OP-DEC. TREE	6/13/2006	G	40	62719-292-AA	SUCCESS	SPINOSAD	200	OZ
4S11E15	OP-DEC. TREE	6/13/2006	G	21	62719-292-AA	SUCCESS	SPINOSAD	25	OZ
4S12E17	ALMOND	6/13/2006	G	500	100-1070-AA	FUSILADE DX HERBICIDE	FLUAZIFOP-P-BUTYL	5714	OZ
4S12E17	ALMOND	6/13/2006	G	500	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	476	OZ
4S12E18	ALMOND	6/13/2006	G	400	100-1070-AA	FUSILADE DX HERBICIDE	FLUAZIFOP-P-BUTYL	4571	OZ
4S12E18	ALMOND	6/13/2006	G	400	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	381	OZ
4S12E8	ALMOND	6/13/2006	G	640	100-1070-AA	FUSILADE DX HERBICIDE	FLUAZIFOP-P-BUTYL	7314	OZ
4S12E8	ALMOND	6/13/2006	G	640	279-3242-AA	SHARK EW	CARFENTRAZONE-ETHYL	610	OZ
5S11E10	ALMOND	6/13/2006	G	70	100-1138-AA	THIOLUX JET	SULFUR	700	LB
5S11E10	ALMOND	6/13/2006	G	70	72167-43-AA-73220	FARMSAVER.COM ABBA 0.15 EC	ABAMECTIN	896	OZ
3S12E33	WALNUT	6/14/2006	G	136	1812-288-AA	KOCIDE 101	COPPER HYDROXIDE	1360	LB
3S12E33	WALNUT	6/14/2006	G	136	352-655-AA	MANEX	MANEB	7888	OZ
3S12E34	OP-DEC. TREE	6/14/2006	G	10	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	120	OZ
3S12E34	OP-DEC. TREE	6/14/2006	G	25	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	300	OZ
3S12E34	OP-DEC. TREE	6/14/2006	G	15	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	24	OZ
3S12E34	OP-DEC. TREE	6/14/2006	G	11	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	132	OZ
3S12E34	OP-DEC. TREE	6/14/2006	G	3	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	39	OZ
3S12E34	OP-DEC. TREE	6/14/2006	G	9	100-896-AA	AVID 0.15EC MITICIDE/INSECTICIDE	ABAMECTIN	102	OZ

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
4S11E15	OP-DEC. TREE	6/14/2006	G	24	62719-292-AA	SUCCESS	SPINOSAD	118	OZ
4S11E15	OP-DEC. TREE	6/14/2006	G	10	62719-292-AA	SUCCESS	SPINOSAD	47	OZ
4S11E27	CORN FOR/FOD	6/14/2006	G	170	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	112	OZ
4S11E27	CORN FOR/FOD	6/14/2006	G	114	352-560-ZA	DU PONT ACCENT HERBICIDE	NICOSULFURON	114	OZ
4S11E27	CORN FOR/FOD	6/14/2006	G	170	400-104-ZA	COMITE	PROPARGITE	43	GA

Figure 50. Location of pesticide applications in the Highline Canal @ Lombardy Rd site subwatershed during the 2 weeks prior to June 14 sampling.



Highline Canal @ Lombardy Rd – irrigation 5 (9/14/06).

Survival of 38.9% was reported for *Ceriodaphnia* for the sample collected at the Highline Canal @ Lombardy Rd. site subwatershed during the irrigation 5 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. The site was re-sampled on September 21, 2006 in response to the September 13, 2006 toxicity exceedance. Toxicity at the site was not persistent.

A TIE was performed on the sample but the toxicity was not persistent so the results of the TIE were inconclusive (Table 64).

Table 64. TIE results for the Highline Canal at Lombardy Road ambient water.

TIE Treatment	Mean % Survival	<i>Toxicity Removal</i>
Lab Control	100	
Centrifugation Treatment Blank	100	
Centrifugation+C ₁₈ SPE Treatment Blank	100	
PBO Treatment Blank	100	
Baseline (untreated 100% ambient water)	100	
Centrifugation treatment	100	<i>no</i>
Centrifuged + C ₁₈ SPE treatment	75	<i>no</i>
<i>PBO treatment</i>	95	<i>no</i>

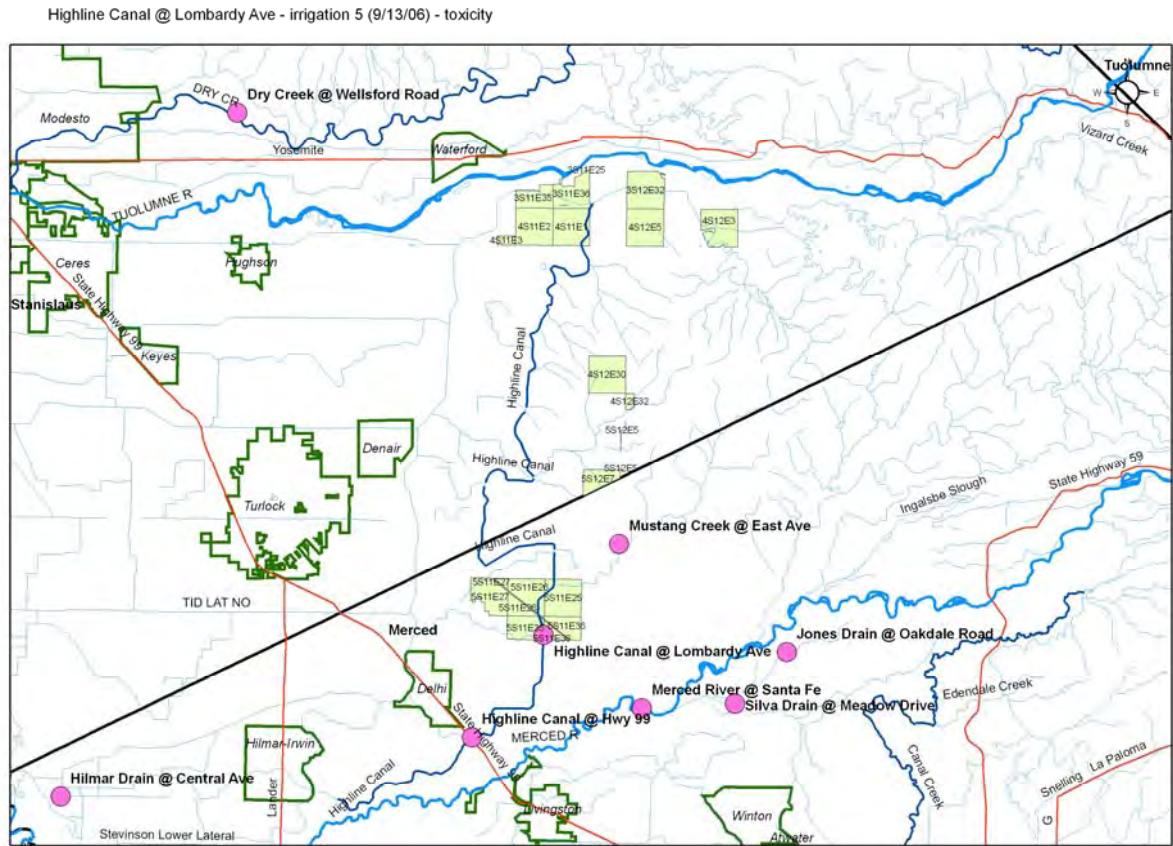
Table 65. Pesticide applications at Highline Canal @ Lombardy Rd - irrigation 5 (Merced County data).

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used
5S11E26	ALMOND	8/31/06	G	60	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	21
5S11E27	ALMOND	8/31/06	G	10	36029-50005-AA	WILCO	STRYCHNINE	2
5S11E27	ALMOND	8/31/06	G	10	5857-1-ZB	FUMITOXIN TABLETS	ALUMINUM PHOSPHIDE	10
5S11E36	ALMOND	9/5/06	G	2.45	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	2.5
5S11E25	ALMOND	9/7/06	G	10	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75
5S11E27	WALNUT	9/7/06	G	2	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	5
5S11E35	ALMOND	9/8/06	G	22	400-427-AA	OMITE-30WS	PROPARGITE	132
5S11E27	WALNUT	9/10/06	A	2.5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	3.75
5S11E27	ALMOND	9/10/06	G	3.3	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	5
5S11E27	ALMOND	9/10/06	G	3.3	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	13
5S11E27	ALMOND	9/12/06	G	2	524-454-AA-34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	2
5S11E27	ALMOND	9/12/06	G	2	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	2

**Table 66. Pesticide applications for Highline Canal @ Hwy 99 - irrigation 5
(Stanislaus County data).**

TRS	Commodity	App date	App method	Amount used	Treated acres	EPA #	Product name	AI	Unit
3S11E25	ALMOND	8/30/2006	G	13	78	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	GA
3S11E35	ALFALFA	9/1/2006	A	387	48	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	OZ
3S11E36	WALNUT	8/30/2006	G	32	16	10163-184-AA	IMIDAN 70-WSB	PHOSMET	LB
3S11E36	WALNUT	8/30/2006	G	30	15	10163-184-AA	IMIDAN 70-WSB	PHOSMET	LB
3S11E36	WALNUT	8/30/2006	G	16	8	10163-184-AA	IMIDAN 70-WSB	PHOSMET	LB
3S11E36	ALMOND	9/9/2006	G	35	15	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	PT
3S12E32	ALMOND	8/31/2006	G	10	22	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	QT
3S12E32	ALMOND	8/31/2006	G	10	23	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	QT
3S12E32	ALMOND	8/31/2006	G	20	23	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	QT
3S12E32	ALMOND	8/31/2006	G	20	22	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	QT
4S11E1	ALMOND	8/30/2006	G	1920	60	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	OZ
4S11E2	ALFALFA	9/1/2006	A	454	57	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	OZ
4S11E3	ALMOND	8/30/2006	G	3870	86	524-512-AA	ROUNDUP ULTRAMAX HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	OZ
4S12E3	ALMOND	9/11/2006	G	80	52	62719-424-AA	GOAL2XL	OXYFLUORFEN	OZ
4S12E3	ALMOND	9/11/2006	G	60	52	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICI	GLYPHOSATE, ISOPROPYLAMINE	QT
4S12E30	WALNUT	9/9/2006	G	3	35	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	GA
4S12E30	WALNUT	9/10/2006	G	3	35	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	GA
4S12E32	ALMOND	8/31/2006	G	2	15	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	PT
4S12E5	ALMOND	8/30/2006	G	1280	40	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	OZ
4S12E5	ALMOND	8/30/2006	G	800	25	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	OZ
5S12E5	BEAN DRIED	8/31/2006	G	3	170	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	LB
5S12E5	ALMOND	8/31/2006	G	50	100	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	LB
5S12E5	BEAN DRIED	8/31/2006	G	3	170	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	LB
5S12E5	ALMOND	8/31/2006	G	50	100	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	LB
5S12E7	ALMOND	8/30/2006	G	40064	626	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	OZ

Figure 51. Location of Pesticide applications at Highline Canal @ Lombardy Rd - irrigation 5.



Highline Canal @ Hwy 99 – irrigation 5 (9/13/06).

Survival of 66.7% was reported for *Ceriodaphnia* for the sample collected at the Highline Canal @ Hwy 99 site subwatershed during the irrigation 5 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. The site was re-sampled on September 21, 2006 in response to the September 13, 2006 toxicity exceedance. Toxicity at the site was not persistent since the re-sampling showed no toxicity. Due to a reduction of less than 50% in survival in the ambient water sample, no toxicity identification evaluation was performed for this sample. The Pesticide Use Reports for the period immediately preceding the monitoring event have been requested but have not yet been received.

Table 67. Pesticide applications for Highline Canal @ Hwy 99 - irrigation 5 (Merced County data)

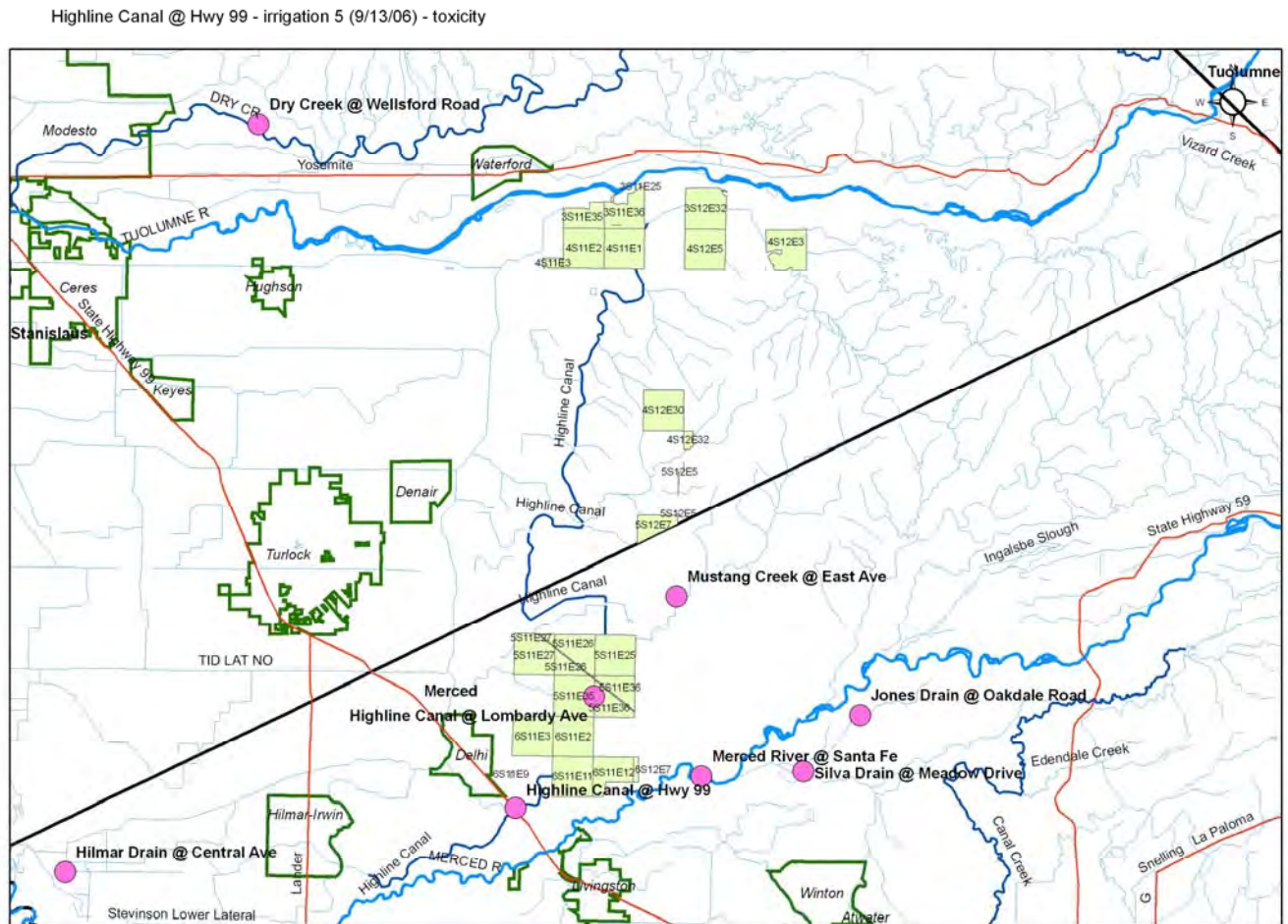
TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Amount used	Unit
6S12E7	WALNUT	8/30/2006	A	5	352-515-AA	DU PONT ASANA XL INSECTIC	ESFENVALERATE	0	GA
6S12E7	WALNUT	8/30/2006	A	5	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	3	GA
5S11E26	ALMOND	8/31/2006	G	60	10182-280-AA	GRAMOXONE EXTRA HERBICIDE	PARAQUAT DICHLORIDE	21	GA
5S11E27	ALMOND	8/31/2006	G	10	36029-50005-AA	WILCO	STRYCHNINE	2	LBS
5S11E27	ALMOND	8/31/2006	G	10	5857-1-ZB	FUMITOXIN TABLETS	ALUMINUM PHOSPHIDE	10	UNITS
6S11E11	ALMOND	8/31/2006	G	180	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	23	GA
6S11E11	ALMOND	8/31/2006	G	180	36029-50005-AA	WILCO	STRYCHNINE	5	LBS
6S11E11	ALMOND	8/31/2006	G	180	5857-1-ZB	FUMITOXIN TABLETS	ALUMINUM PHOSPHIDE	20	UNITS
6S11E12	ALMOND	8/31/2006	G	20	36029-50005-AA	WILCO	STRYCHNINE	2	LBS
6S11E12	ALMOND	8/31/2006	G	20	5857-1-ZB	FUMITOXIN TABLETS	ALUMINUM PHOSPHIDE	10	UNITS
6S11E2	ALMOND	8/31/2006	G	5	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLA	3	GA
6S11E2	ALMOND	8/31/2006	G	5	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	1	GA
6S11E3	ENDIVE (E	9/1/2006	A	19	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	2	GA
6S11E9	ENDIVE (E	9/1/2006	A	30	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	3	GA
6S11E9	N-OUTDOOR	9/2/2006	A	8	264-467-AA	ALIETTE	FOSETYL-AL	40	LBS
6S11E9	N-OUTDOOR	9/2/2006	A	8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	10	LBS
6S11E9	N-OUTDOOR	9/2/2006	A	8	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	10	LBS
6S11E9	N-OUTDOOR	9/2/2006	A	8	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN	10	LBS
6S11E9	N-OUTDOOR	9/2/2006	A	8	7969-61-AA-51036	KUMULUS DF	SULFUR	48	LBS

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Amount used	Unit
5S11E36	ALMOND	9/5/2006	G	2	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	3	QT
5S11E25	ALMOND	9/7/2006	G	10	524-445-AA-4787	GLYFOS HERBICIDE	GLYPHOSATE, ISOPROPYLA	4	GA
5S11E27	WALNUT	9/7/2006	G	2	67760-28-AA	NUFOS 4E	CHLORPYRIFOS	5	QT
5S11E35	ALMOND	9/8/2006	G	22	400-427-AA	OMITE-30WS	PROPARGITE	132	LBS
5S11E27	WALNUT	9/10/2006	A	3	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLA	4	QT
5S11E27	ALMOND	9/10/2006	G	3	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLA	5	QT
5S11E27	ALMOND	9/10/2006	G	3	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	13	OZ
5S11E27	ALMOND	9/12/2006	G	2	524-454-AA-34704	MIRAGE PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLA	2	QT
5S11E27	ALMOND	9/12/2006	G	2	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	2	PT

**Table 68. Pesticide applications for Highline Canal @ Hwy 99 - irrigation 5
(Stanislaus County data)**

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Amount used	Unit
3S11E25	ALMOND	8/30/2006	G	78	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	13	GA
3S11E35	ALFALFA	9/1/2006	A	48	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	387	OZ
3S11E36	WALNUT	8/30/2006	G	16	10163-184-AA	IMIDAN 70-WSB	PHOSMET	32	LB
3S11E36	WALNUT	8/30/2006	G	15	10163-184-AA	IMIDAN 70-WSB	PHOSMET	30	LB
3S11E36	WALNUT	8/30/2006	G	8	10163-184-AA	IMIDAN 70-WSB	PHOSMET	16	LB
3S11E36	ALMOND	9/9/2006	G	15	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	35	PT
3S12E32	ALMOND	8/31/2006	G	22	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	10	QT
3S12E32	ALMOND	8/31/2006	G	23	100-1217-AA	GRAMOXONE INTEON	PARAQUAT DICHLORIDE	10	QT
3S12E32	ALMOND	8/31/2006	G	23	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	20	QT
3S12E32	ALMOND	8/31/2006	G	22	524-454-ZB	HONCHO PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	20	QT
4S11E1	ALMOND	8/30/2006	G	60	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	1920	OZ
4S11E2	ALFALFA	9/1/2006	A	57	62719-220-AA	LORSBAN 4E-HF	CHLORPYRIFOS	454	OZ
4S11E3	ALMOND	8/30/2006	G	86	524-512-AA	ROUNDUP ULTRAMAX HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	3870	OZ
4S12E3	ALMOND	9/11/2006	G	52	62719-424-AA	GOAL2XL	OXYFLUORFEN	80	OZ
4S12E3	ALMOND	9/11/2006	G	52	71368-20-AA	NUFARM CREDIT SYSTEMIC HERBICI	GLYPHOSATE, I SOPROPYLAMINE	60	QT
4S12E30	WALNUT	9/9/2006	G	35	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	3	GA
4S12E30	WALNUT	9/10/2006	G	35	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	3	GA
4S12E32	ALMOND	8/31/2006	G	15	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	2	PT
4S12E5	ALMOND	8/30/2006	G	40	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	1280	OZ
4S12E5	ALMOND	8/30/2006	G	25	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	800	OZ
5S12E5	BEAN DRIED	8/31/2006	G	170	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	3	LB
5S12E5	ALMOND	8/31/2006	G	100	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	50	LB
5S12E5	BEAN DRIED	8/31/2006	G	170	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	3	LB
5S12E5	ALMOND	8/31/2006	G	100	59209-1-AA-70506	WEEVIL-CIDE TABLETS	ALUMINUM PHOSPHIDE	50	LB
5S12E7	ALMOND	8/30/2006	G	626	62719-220-ZB	LORSBAN-4E	CHLORPYRIFOS	40064	OZ

Figure 52. Pesticide applications for Highline Canal @ Hwy 99 - irrigation 5 (Stanislaus & Merced County data)



Silva Drain @ Meadow Dr – irrigation 4 (8/9/06).

Survival of 0% was reported for *Ceriodaphnia* for the sample collected at the Silva Drain @ Meadow Dr. site subwatershed during the irrigation 4 sampling. This survival was considered statistically significantly different from the controls and the sample was considered toxic. The site was re-sampled in response to the August 9, 2006 toxicity exceedance on August 17, 2006. No toxicity exceedance was observed from the August 17, 2006 re-sampling.

The *C. dubia* test lab control treatment exhibited a mean survival response of < 90% so retesting of this ambient water sample was performed. It should be noted that the percent survival of the *C. dubia* within the ambient sample remained at 100% for both the initial testing and the re-testing procedures. Toxicity at the site appears to not be persistent since the re-sampling of the Silva Drain @ Meadow Drive site showed no toxicity (greater than 80% survival compared to control).

Due to a greater than 50% reduction in survival within the August 9, 2006 ambient sample, dilutions were undertaken to determine the level of toxicity (Table 69) and Toxicity Identification Evaluation (TIE) testing was initiated to identify the cause of *C. dubia* toxicity (Table 70).

Table 69. Dilution series results for Silva Drain @ Meadow Drive ambient water sample.

Site Water Treatment	% Survival
Lab Control	100
6.25%	95
12.50%	100
25%	100
50%*	10*
100%*	0*
Summary of Statistics	
NOEC =	25% site water
EC ₅₀ =	38.7% site water
TU _a (100/EC ₅₀) =	2.6 TU _a

* Significantly less than the Lab Control or associated Method Blank treatment response at $p < 0.05$.

TU_a= acute toxic units

There was 100% survival in the Lab Control and $\geq 95\%$ survival in the 25% and less than 25% ambient water concentrations. There was 10% survival at the 50% ambient water treatment and complete mortality at the 100% ambient water treatment, both of which were significantly less than the Lab Control. The resulting No Observed Effect Concentration (NOEC) was 25% ambient water; the EC_{50} was 38.7% ambient water, resulting in 2.6 TU_a (where $TU_a = 100/EC_{50}$).

Table 70. TIE results for Silva Drain @ Meadow Drive ambient water sample.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation blank	85
Centrifugation + C ₁₈ SPE Blank	85
PBO blank	100
Baseline (untreated 100% ambient sample)	0
Centrifuged sample	20
Centrifuged + C ₁₈ SPE-treated sample	95
PBO-treated sample	100

The toxicity observed in the Silva Drain @ Meadow Drive ambient sample was also observed during the TIE testing indicating that the toxicity in the sample was persistent. There was 100% survival in the Lab Control and complete mortality in the 100% Baseline sample, indicating that the toxicity that had been previously observed in this sample was persistent at the time of the TIE. The Centrifugation + C₁₈Solid Phase Extraction (C₁₈SPE) and the Piperonyl Butoxide (PBO) TIE treatments removed toxicity. TIE results indicate the presence of a metabolically-activated organic compound(s) as the toxic agent.

Given the results of the previous TIE on the Silva Drain @ Meadow Drive sample, it appears that a metabolically-activated organic compound was the primary source of toxicity. The C₁₈ SPE column removed the non-polar organics (pesticides) from the water which reduced toxicity in the sample. The PBO addition also proved effective in eliminating the toxicity.

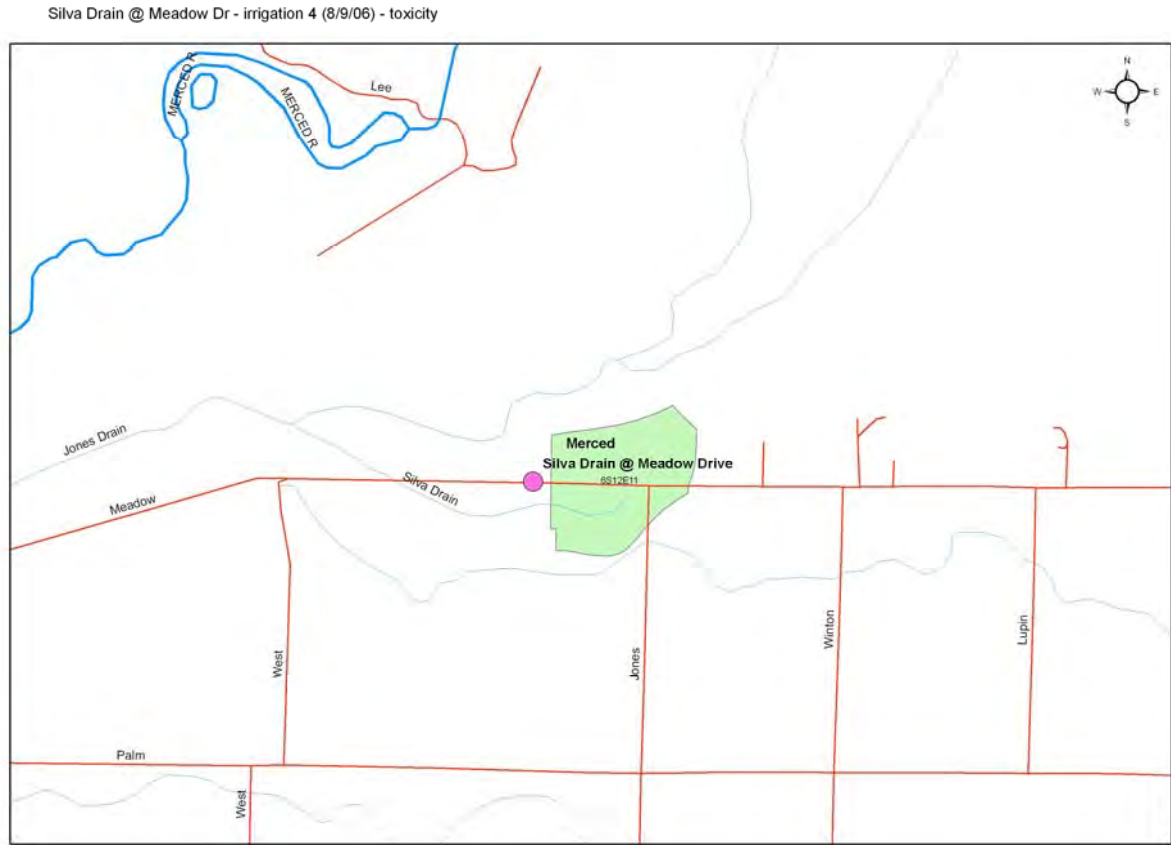
Chemical analysis of the sample from Silva Drain @ Meadow Drive on August 9, 2006, indicates there was also an exceedance in chlorpyrifos (0.14 $\mu\text{g/L}$, Exceedance Report submitted October 5, 2006). Although the Silva Drain @ Meadow Drive site has not previously experienced a toxicity exceedance, it has

experienced an exceedance in chlorpyrifos of very low quantities (0.015 µg/L) during the July 11-13, 2006 sampling (Exceedance Report submitted August 29, 2006). It may be that the chlorpyrifos concentrations seen during the July 11-13, 2006 sampling were too low to produce any significant toxic effects.

Table 71. Pesticide applications at Silva Drain @ Meadow Dr - irrigation 4.

TRS	Commodity	App date	App method	Treated acres	EPA #	Product name	AI	Quantity used	Unit
6S12E11	ALMOND	7/29/2006	G	5	59639-123-AA	ZEAL MITICIDE	ETOXAZOLE	15	OZ

Figure 53. Location of Pesticide applications at Silva Drain @ Meadow Dr - irrigation 4.



DATA INTERPRETATION

A summary of exceedances that occurred during monitoring over the 2006 Irrigation season is presented in Tables 72-76.

Table 72. Exceedances of field parameters

Site Name	Date Sampled	Oxygen, Dissolved (mg/L) <7.0	pH (<6.5, >8.5)	Specific Conductivity (μS/cm) >700
Bear Creek @ Kibby Rd	06/13/06	6.99	8.69	
Berenda Slough along Avenue 18 1/2	06/13/06	5.49		
Berenda Slough along Avenue 18 1/2	07/11/06	6.54		
Black Rascal Creek @ Yosemite Road	05/18/06	5.41		
Black Rascal Creek @ Yosemite Road	07/12/06	5.53		
Black Rascal Creek @ Yosemite Road	08/09/06	5.65		
Black Rascal Creek @ Yosemite Road	09/12/06	5.56		
Cottonwood Creek @ Road 20	05/16/06	5.71		
Cottonwood Creek @ Road 20	06/13/06	6.9		
Cottonwood Creek @ Road 20	07/11/06	6.51		
Cottonwood Creek @ Road 20	08/08/06	6.95		
Cottonwood Creek @ Road 20	09/12/06	6.11		
Deadman Creek @ Highway 59	06/13/06	5.65		
Deadman Creek @ Highway 59	08/08/06	6.55		
Deadman Creek @ Highway 59	09/12/06	6.53		
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	5.01		
Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	6.5		
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	6.96		
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	6.08		
Dry Creek @ Wellsford Road	06/15/06	6.08		
Dry Creek @ Wellsford Road	07/13/06	6.69		
Dry Creek @ Road 18	09/12/06	5.61		
Duck Slough @ Gurr Rd	05/17/06		8.6	
Duck Slough @ Gurr Rd	07/12/06	6.18		
Duck Slough @ Gurr Rd	09/13/06	5.53		
Duck Slough @ Hwy 99	05/17/06		8.57	
Duck Slough @ Hwy 99	09/13/06	6.72		
Hilmar Drain @ Central Ave	05/18/06	6.28		
Hilmar Drain @ Central Ave	06/15/06	6.8		
Hilmar Drain @ Central Ave	07/13/06			1096

Site Name	Date Sampled	Oxygen, Dissolved (mg/L) <7.0	pH (<6.5, >8.5)	Specific Conductivity (µS/cm) >700
Hilmar Drain @ Central Ave	09/14/06			773
Jones Drain @ Oakdale Road	05/17/06	6.8		
Jones Drain @ Oakdale Road	07/13/06	6.52		
Jones Drain @ Oakdale Road	09/13/06	6.29		
Merced River @ Santa Fe	06/14/06	6.4		
Mustang Creek @ East Ave	05/18/06	5.82		
Mustang Creek @ East Ave	06/15/06	5		
Mustang Creek @ East Ave	08/10/06	2.61		
Prairie Flower Drain @ Crows Landing Road	05/18/06			2958
Prairie Flower Drain @ Crows Landing Road	06/15/06			2660
Prairie Flower Drain @ Crows Landing Road	07/13/06	5.45	8.85	1560
Prairie Flower Drain @ Crows Landing Road	07/20/06	6.41		1950
Prairie Flower Drain @ Crows Landing Road	08/10/06			2302
Prairie Flower Drain @ Crows Landing Road	09/14/06	6.01		1276
Silva Drain @ Meadow Drive	07/13/06	5.75		
Silva Drain @ Meadow Drive	09/13/06	5.99		

Table 73. Pesticides exceedances in water column.

Station Name	Sample Date	Sample Type	Bifenthrin 0.0004 µg/L	Chlorpyrifos 0.015 µg/L	Cyhalothrin, lambda, total 0.00041 µg/L	DDD(p,p') 0.00083 µg/L	DDT(p,p') 0.00059 µg/L	Malathion 0 µg/L	Thiobencarb 0 µg/L
Bear Creek @ Kibby Rd	05/17/06	E		0.52					
Berenda Slough along Avenue 18 1/2	07/11/06	E		0.043					
Berenda Slough along Avenue 18 1/2	09/12/06	E		0.14					
Black Rascal Creek @ Yosemite Road	05/18/06	E		0.033					
Deadman Creek @ Highway 59	06/13/06	E				0.0053	0.05		
Deadman Creek @ Highway 59	08/08/06	E	0.011						
Deadman Creek @ Highway 59	09/12/06	E		0.059					
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	E						0.19	
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	E		0.027					
Dry Creek @ Wellsford Road	07/13/06	E		0.026					
Dry Creek @ Wellsford Road	08/10/06	E		0.024					
Dry Creek @ Wellsford Road	09/14/06	E							0.1
Dry Creek @ Road 18	07/11/06	E		0.077					
Duck Slough @ Gurr Rd	06/14/06	E	0.025		0.011				5.8
Duck Slough @ Gurr Rd	07/12/06	E	0.0088						0.29
Duck Slough @ Hwy 99	05/17/06	E		0.27					
Hilmar Drain @ Central Ave	07/13/06	E		0.016					
Hilmar Drain @ Central Ave	08/10/06	E				0.003			
Jones Drain @ Oakdale Road	08/10/06	FD		0.021					
Jones Drain @ Oakdale Road	08/10/06	E		0.017					
Jones Drain @ Oakdale Road	09/13/06	E		0.018			0.013		
Mustang Creek @ East Ave	05/18/06	E		0.033					
Mustang Creek @ East Ave	08/10/06	E		0.015					
Prairie Flower Drain @ Crows Landing Road	08/10/06	E	0.037						
Silva Drain @ Meadow Drive	07/13/06	E		0.015					

E = Environmental sample FD = Field duplicate

Station Name	Sample Date	Sample Type	Bifenthrin 0.0004 µg/L	Chlorpyrifos 0.015 µg/L	Cyhalothrin, lambda, total 0.00041 µg/L	DDD(p,p') 0.00083 µg/L	DDT(p,p') 0.00059 µg/L	Malathion 0 µg/L	Thiobencarb 0 µg/L
Silva Drain @ Meadow Drive	08/09/06	E		0.14					

E = Environmental sample FD = Field duplicate

Table 74. Metals exceedances in water column.

Site Name	Date Sampled	Sample Type	Hardness (mg/L)	Copper* (µg/L)	Lead* (µg/L)	Zinc* (µg/L)	Selenium (5 µg/L)
Ash Slough @ Ave 21	05/16/06	E	22	4.8	0.68		
Ash Slough @ Ave 21	06/13/06	E	30	17	1.6		
Ash Slough @ Ave 21	07/11/06	E	38	6.7			
Ash Slough @ Ave 21	08/08/06	E	28	6.3			
Ash Slough @ Ave 21	09/12/06	E	30	9.3			5
Cottonwood Creek @ Road 20	06/13/06	E	28	8	0.73		
Cottonwood Creek @ Road 20	05/16/06	E	32	4.4			
Cottonwood Creek @ Road 20	09/12/06	E	42	5.5			
Dry Creek @ Road 18	05/16/06	E	16	4.3	0.36		
Dry Creek @ Road 18	06/13/06	FD	18	5.5			
Dry Creek @ Road 18	06/13/06	E	12	6.3	0.27		
Dry Creek @ Road 18	07/11/06	E	20	4.1			
Dry Creek @ Road 18	08/08/06	E	18	4.6			
Dry Creek @ Road 18	09/12/06	E	8	6.1	0.31	18	
Duck Slough @ Gurr Rd	06/14/06	E	120	120			
Duck Slough @ Gurr Rd	07/12/06	E	100	14	2.7		
Duck Slough @ Hwy 99	05/17/06	E	96		5.2		
Duck Slough @ Hwy 99	08/08/06	E	20	3.4	2.3		
Duck Slough @ Hwy 99	09/13/06	E	48	19	24		
Highline Canal @ Hwy 99	05/17/06	E	18		0.42		
Highline Canal @ Hwy 99	08/09/06	E	16		0.39		
Highline Canal @ Lombardy Rd	05/17/06	E	22		0.49		
Highline Canal @ Lombardy Rd	06/14/06	E	24		0.55		
Highline Canal @ Lombardy Rd	08/09/06	E	16		0.34		
Highline Canal @ Lombardy Rd	09/13/06	E	12		0.29	23	
Hilmar Drain @ Central Ave	07/13/06	E	230	31			
Jones Drain @ Oakdale Road	05/17/06	E	36	12	2		
Jones Drain @ Oakdale Road	06/14/06	E	22	2.7			
Jones Drain @ Oakdale Road	07/13/06	E	54	11			
Jones Drain @ Oakdale Road	08/10/06	FD	42	5.8			
Jones Drain @ Oakdale Road	09/13/06	E	40	9.1	1.8		

E = Environmental sample FD = Field duplicate

Table 75. Inorganics/Physical Parameters exceedances in water column.

Site Name	Date Sampled	Sample Type	Color 15 color units	E. coli 235 MPN/100mL	Nitrite as N 1 mg	Total Dissolved Solids 500 µg/L
Ash Slough @ Ave 21	05/16/06	E	45			
Ash Slough @ Ave 21	06/13/06	E		770		
Ash Slough @ Ave 21	07/11/06	E	24			
Ash Slough @ Ave 21	08/08/06	E	30			
Ash Slough @ Ave 21	09/12/06	E	26			
Ash Slough @ Ave 21	05/17/06	E	20			
Ash Slough @ Ave 21	06/13/06	E	18			
Ash Slough @ Ave 21	07/12/06	E	19			
Ash Slough @ Ave 21	09/12/06	E	26			
Berenda Slough @ Dairyland Rd	06/13/06	E		460		
Berenda Slough along Avenue 18 1/2	05/16/06	E	48			
Berenda Slough along Avenue 18 1/2	06/13/06	E	25			
Berenda Slough along Avenue 18 1/2	07/11/06	E	34			
Berenda Slough along Avenue 18 1/2	08/08/06	E	40			
Berenda Slough along Avenue 18 1/2	09/12/06	E	26			
Black Rascal Creek @ Yosemite Rd	05/18/06	E	280	>2400		
Black Rascal Creek @ Yosemite Rd	06/14/06	E	90	490		
Black Rascal Creek @ Yosemite Rd	07/12/06	E	90			
Black Rascal Creek @ Yosemite Rd	08/09/06	E	44			
Black Rascal Creek @ Yosemite Rd	09/12/06	E	100			
Cottonwood Creek @ Road 20	05/16/06	E	36			
Cottonwood Creek @ Road 20	05/16/06	FD	34			
Cottonwood Creek @ Road 20	06/13/06	E	40			
Cottonwood Creek @ Road 20	07/11/06	E	37			
Cottonwood Creek @ Road 20	08/08/06	E	40			
Cottonwood Creek @ Road 20	09/12/06	E	44			
Deadman Creek @ Highway 59	05/17/06	E	85			
Deadman Creek @ Highway 59	06/13/06	E	45			
Deadman Creek @ Highway 59	07/11/06	E	34			
Deadman Creek @ Highway 59	08/08/06	E	60			
Deadman Creek @ Highway 59	09/12/06	E	36			
Deadman Creek (Dutchman) @ Gurr Rd	05/17/06	E	65	1200		
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	E	40	310		
Deadman Creek (Dutchman) @ Gurr Rd	07/11/06	E	70	490		
Deadman Creek (Dutchman) @ Gurr Rd	08/08/06	E	100	390		
Deadman Creek (Dutchman) @ Gurr Rd	09/12/06	E	40			
Dry Creek @ Wellsford Road	05/18/06	E		280		
Dry Creek @ Wellsford Road	09/14/06	E		310		
Dry Creek @ Wellsford Road	05/18/06	E	120			
Dry Creek @ Wellsford Road	06/15/06	E	74			
Dry Creek @ Wellsford Road	07/13/06	E	74			
Dry Creek @ Wellsford Road	08/10/06	E	70			
Dry Creek @ Wellsford Road	09/14/06	E	65			
Dry Creek @ Road 18	05/16/06	E	24	1600		

E = Environmental sample FD = Field duplicate

Site Name	Date Sampled	Sample Type	Color 15 color units	E. coli 235 MPN/100mL	Nitrite as N 1 mg	Total Dissolved Solids 500 µg/L
Dry Creek @ Road 18	06/13/06	E	22			
Dry Creek @ Road 18	06/13/06	FD	22			
Dry Creek @ Road 18	07/11/06	E	22			
Dry Creek @ Road 18	08/08/06	E	20			
Dry Creek @ Road 18	09/12/06	E	22	>2400		
Duck Slough @ Gurr Rd	05/17/06	E	37	2000		
Duck Slough @ Gurr Rd	06/14/06	E	80	690		
Duck Slough @ Gurr Rd	07/12/06	E	85			
Duck Slough @ Gurr Rd	08/08/06	E	40			
Duck Slough @ Gurr Rd	09/13/06	E	44			
Duck Slough @ Gurr Rd	09/13/06	FD	35			
Duck Slough @ Hwy 99	05/17/06	E	90	280		
Duck Slough @ Hwy 99	06/14/06	E	34	260		
Duck Slough @ Hwy 99	07/12/06	E	45			
Duck Slough @ Hwy 99	08/08/06	E	24			
Duck Slough @ Hwy 99	09/13/06	E	100	340		
Highline Canal @ Hwy 99	05/17/06	E	23			
Highline Canal @ Hwy 99	06/14/06	E	18			
Highline Canal @ Hwy 99	07/12/06	E	19			
Highline Canal @ Lombardy Rd	05/17/06	E	22			
Highline Canal @ Lombardy Rd	06/14/06	E	18			
Highline Canal @ Lombardy Rd	07/12/06	E	17			
Highline Canal @ Lombardy Rd	07/12/06	FD	17			
Hilmar Drain @ Central Ave	05/18/06	E	60	>2400		
Hilmar Drain @ Central Ave	06/15/06	E	25			
Hilmar Drain @ Central Ave	07/13/06	E	100	>2400		610
Hilmar Drain @ Central Ave	08/10/06	E	25	1000		
Hilmar Drain @ Central Ave	09/14/06	E	28			510
Jones Drain @ Oakdale Road	05/17/06	E	90	2400		
Jones Drain @ Oakdale Road	06/14/06	E	20	>2400		
Jones Drain @ Oakdale Road	07/13/06	E	42	1300		
Jones Drain @ Oakdale Road	08/10/06	E	50	870		
Jones Drain @ Oakdale Road	08/10/06	FD	32	1200		
Jones Drain @ Oakdale Road	09/13/06	E	85	>2400		
Merced River @ Santa Fe	05/16/06	E	20			
Merced River @ Santa Fe	06/14/06	E	16			
Merced River @ Santa Fe	07/12/06	E	17			
Merced River @ Santa Fe	09/13/06	E	16			
Mustang Creek @ East Ave	05/18/06	E	180	>2400		
Mustang Creek @ East Ave	06/15/06	E	110	>2400		
Mustang Creek @ East Ave	08/10/06	E	120	980		
Prairie Flower Drain @ Crows Landing Road	05/18/06	E	90	550		1700
Prairie Flower Drain @ Crows Landing Road	06/15/06	E	68	1300		1700
Prairie Flower Drain @ Crows Landing Road	07/13/06	E	90	790		720
Prairie Flower Drain @ Crows Landing Road	08/10/06	E	760	820	1.1	1800
Prairie Flower Drain @ Crows Landing Road	09/14/06	E	140	>2400		760
Silva Drain @ Meadow Drive	05/18/06	E	45	1300		

E = Environmental sample FD = Field duplicate

Site Name	Date Sampled	Sample Type	Color 15 color units	E. coli 235 MPN/100mL	Nitrite as N 1 mg	Total Dissolved Solids 500 µg/L
Silva Drain @ Meadow Drive	06/14/06	E	28			
Silva Drain @ Meadow Drive	07/13/06	E	90	690		
Silva Drain @ Meadow Drive	08/09/06	E	50	460		
Silva Drain @ Meadow Drive	09/13/06	E	70	320		
South Slough at Quinley Road	07/11/06	E	36	1200		
South Slough at Quinley Road	08/09/06	E	35	580		

E = Environmental sample FD = Field duplicate

Table 76. Toxicity exceedances and results of TIE studies.

Station Name	Sample Date	Sample Type	Toxicity Test Start Date	Species Name	Toxicity End Point	Mean Result	Pct Control (%)	Statistical Significance	Toxic (Yes/No)	Re-sample Date	Re-sample Toxic (Yes/No)	TIE Start Date	Toxicity Identification	Toxicity Summary Comments
Bear Creek @ Kibby Rd	05/17/06	E	05/18/06	Ceriodaphnia dubia	Survival (%)	0	0	SL	Yes	05/26/06	No	05/19/06	Non-polar organics, metabolically activated substances.	Dilution series NOEC=25%,EC50=30.8%, 3.25TUa. TIE 5/19/06. Toxicity 100%Baseline, tox persist. C18SPE removed tox, nonpolar organic responsible for tox. PBO reduced tox, metabolically activated subst partially involved in tox. Resampled, tox not persist.
Berenda Slough along Avenue 18 1/2	09/12/06	E	09/13/06	Ceriodaphnia dubia	Survival (%)	40	40	SL	Yes	09/22/06	No	09/18/06	Non-polar organics, metabolically activated substances.	Significant toxicity original sample. Phase1TIE 9/18/06, 100%mortality Baseline, tox persist. C18SPE,PBO removed tox. Tox due to non-polar organics, metabolically-activated substances. Resampled, tox not persistent.
Deadman Creek (Dutchman) @ Gurr Rd	06/13/06	E	06/14/06	Pimephales promelas	Survival (%)	88	87.5	SG	Yes	06/23/06	No	NA	Pct Control > 50%, no TIE initiated	Significant toxicity in original sample. Resampled - toxicity not persistent.
Dry Creek @ Wellsford Road	09/14/06	E	09/15/06	Ceriodaphnia dubia	Survival (%)	70	70	SL	Yes	09/22/06	No	NA	Pct Control > 50%, no TIE initiated	Significant toxicity original sample. Resampled, toxicity not persistent..
Dry Creek @ Road 18	06/13/06	RT	06/19/06	Ceriodaphnia dubia	Survival (%)	80	80	SG	Yes	06/30/06	No	NA	Pct Control > 50%, no TIE initiated	Control Survival failed at <90% 6/14/06 test. Retest outside hold time. 6/14 sample survival=100%. >the event threshold 90% of Control survival.

E = Environmental sample RS = Re-sample RT = Re-test NSG = Not statistically significant, greater than 80% threshold SL = Statistically significant, lower than 80% threshold SG = Statistically significant, greater than 80% threshold

Station Name	Sample Date	Sample Type	Toxicity Test Start Date	Species Name	Toxicity End Point	Mean Result	Pct Control (%)	Statistical Significance	Toxic (Yes/No)	Re-sample Date	Re-sample Toxic (Yes/No)	TIE Start Date	Toxicity Identification	Toxicity Summary Comments
Duck Slough @ Hwy 99	05/17/06	E	05/18/06	Ceriodaphnia dubia	Survival (%)	0	0	SL	Yes	05/25/06	No	05/19/06	Non-polar organics, metabolically activated substances.	Dilution series NOEC=25%, EC50=30.8%, 3.25TUa. TIE 5/19/06. Toxicity 100% Baseline, tox persist. C18SPE removed tox, nonpolar organic responsible for tox. PBO reduced tox, metabolically activated subst partially involved in tox. Resampled, tox not persist.
Highline Canal @ Hwy 99	08/09/06	E	08/20/06	Hyalella azteca	Survival (%)	88.75	90	SG	Yes	09/05/06	No	NA	Pct Control > 50%, no TIE initiated	Significant acute toxicity HCHNN sediment grab sample. Re-sampled, toxicity persistent.
Highline Canal @ Hwy 99	09/13/06	E	09/14/06	Ceriodaphnia dubia	Survival (%)	60	66.7	SL	Yes	09/21/06	No	NA	Pct Control > 50%, no TIE initiated	Significant toxicity original sample. Resampled, toxicity not persistent.
Highline Canal @ Lombardy Rd	06/14/06	E	06/15/06	Ceriodaphnia dubia	Survival (%)	65	65	SL	Yes	06/23/06	No	NA	Pct Control > 50%, no TIE initiated	Significant toxicity in original sample. Resampled - toxicity not persistent.
Highline Canal @ Lombardy Rd	09/13/06	E	09/14/06	Ceriodaphnia dubia	Survival (%)	35	38.9	SL	Yes	09/21/06	No	09/19/06	Labile contaminants.	Significant toxicity original sample, Phase1 TIE 9/19/06 targeting pesticides, toxicity not persistent. Labile contaminants. Resampled, toxicity not persistent.
Hilmar Drain @ Central Ave	07/13/06	E	07/14/06	Selenastrum capricornutum	Total Cell Count	242000	35.73	SL	Yes	07/20/06	No	07/19/06	Labile contaminants.	Significant toxicity in sample. Phase I TIE 7/19/06, toxicity not persistent. Labile contaminants. Resampled, toxicity not persistent.

E = Environmental sample RS = Re-sample RT = Re-test NSG = Not statistically significant, greater than 80% threshold SL = Statistically significant, lower than 80% threshold SG = Statistically significant, greater than 80% threshold

Station Name	Sample Date	Sample Type	Toxicity Test Start Date	Species Name	Toxicity End Point	Mean Result	Pct Control (%)	Statistical Significance	Toxic (Yes/No)	Re-sample Date	Re-sample Toxic (Yes/No)	TIE Start Date	Toxicity Identification	Toxicity Summary Comments
Prairie Flower Drain @ Crows Landing Road	07/13/06	E	07/14/06	Pimephales promelas	Survival (%)	8	7.7	SL	Yes	07/20/06	Yes	07/16/06	Ammonia, slight nonpolar organics possibility.	Significant toxicity in sample. Phase I TIE 7/16/06. Toxicity persistent (100% mortality Baseline) Zeolite removed tox, ammonia main cause. C18SPE slight nonpolar organic. Resampled, toxicity persistent but with diminishing magnitude.
Prairie Flower Drain @ Crows Landing Road	07/20/06	RS	07/21/06	Pimephales promelas	Survival (%)	70	70	SL	Yes	NA	NA	NA	Pct Control > 50%, no TIE initiated	Resample. Significant reduction in survival, indicating that toxicity persistent but with diminishing magnitude.
Silva Drain @ Meadow Drive	08/09/06	E	08/20/06	Hyaella azteca	Survival (%)	61.25	62	SL	Yes	09/05/06	No	NA	Pct Control > 50%, no TIE initiated	Significant acute toxicity SDAMD sediment grab sample. Re-sampled, toxicity persistent.
Silva Drain @ Meadow Drive	08/09/06	RT	08/15/06	Ceriodaphnia dubia	Survival (%)	0	0	SL	Yes	08/17/06	No	08/13/06	Non-polar organics, metabolically activated substances.	Control Survival < 90% 8/10/06 test. Retest outside hold time. Dilution series NOEC=25%, EC50=38%, 2.63TUa. TIE 8/13/06, tox persist. C18SPE, PBO removed tox, metabolically-activated non-polar organic likely responsible. Resampled, toxicity not persistent.

E = Environmental sample RS = Re-sample RT = Re-test NSG = Not statistically significant, greater than 80% threshold SL = Statistically significant, lower than 80% threshold SG = Statistically significant, greater than 80% threshold

Pesticides and Toxicity

During the 2006 irrigation season, there were 30 reported exceedances of pesticides (including one field duplicate sample); chlorpyrifos (17 exceedances), thiobencarb (3 exceedances), DDT (2 exceedances), DDD (2 exceedances), bifenthrin (4 exceedances), lambda-cyhalothrin (1 exceedance), and malathion (1 exceedance). These data are not directly comparable to exceedances from the 2005 irrigation season because there were a larger number of sites in 2006, and a longer list of constituents for which testing was performed.

There were two sites with exceedances in both years, Ash Slough @ Ave 21 and Prairie Flower Drain @ Crows Landing Road. In 2005, Ash Slough experienced two exceedances of chlorpyrifos; in 2006 there was one exceedance. In 2005, Prairie Flower Drain experienced two exceedances of chlorpyrifos (plus one field duplicate exceedance); in 2006 there were also two exceedances of chlorpyrifos (plus one field duplicate exceedance). Exceedances in both years were in the same months suggesting that the same applications on the same crops were responsible for both sets of exceedances. Dry Creek @ Wellsford Road experienced one chlorpyrifos exceedance in 2005 and two exceedances in 2006 including one in 2006 in a different month from 2005. These results suggest that the exceedances in the same month in both years are from the same application, and the additional month's exceedance in 2006 is from a different application. Duck Slough @ Highway 99 (formerly known as Duck Slough @ Pioneer Road) experienced an exceedance of chlorpyrifos in both 2005 and 2006, but in different months suggesting different types of applications.

Of sites sampled in both 2005 and 2006, Bear Creek @ Kibby Road (1 exceedance), Dry Creek @ Road 18 (1 exceedance), Highline Canal @ Highway 99 (1 exceedance), Highline Canal @ Lombardy Road (2 exceedance), Hilmar Drain @ Central Ave (1 exceedance), Jones Drain @ Oakdale Road (2 exceedance) experienced exceedances of chlorpyrifos in 2006 but not 2005.

Of sites sampled for the first time in the 2006 irrigation season, Berenda Slough along Ave 18 ½ (2 exceedances), Black Rascal Creek @ Yosemite Road (1 exceedance), Deadman Creek @ Highway 59 (2 exceedances), Deadman Creek @ Gurr Road (1 exceedance), Mustang Creek @ East Ave (1 exceedance) and Silva Drain @ Meadow Drive (2 exceedances) experienced chlorpyrifos exceedances. Because there has been insufficient time to review all Pesticide Use Reports for periods of 2005 with no exceedances, the Coalition is unable to determine if the exceedances in 2006 are a result of applications in 2006 that were not made in 2005. The Coalition will undertake those reviews during the upcoming months.

All pyrethroid exceedances experienced in 2006 were at sites that did not experience pyrethroid exceedances in 2005; Duck Slough @ Gurr Road (3 exceedances) and Prairie Flower Drain @ Crows Landing Road (1 exceedance), and new site exceedances occurred at Deadman Creek @ Highway 59 (1 exceedance). The Coalition does not know if these exceedances are a function of new or increased use of these chemicals or changes in environmental conditions that increased the likelihood of delivery of these chemicals to surface waters.

During the summer irrigation season, chemicals can reach surface waters from two sources; irrigation return flows, or from drift directly to surface waters from ground or aerial applications. Drift would occur on parcels directly bordering surface waters. However, it appears that spray drift is unlikely to cause the exceedances experienced in the Coalition region because of the magnitude of the concentrations observed.

There are exceedances of DDD and DDT that are the result of legacy pesticides. These pesticides are no longer registered or applied but persist because of their exceptionally high Koc and long half life. It is estimated that the Koc for DDT is estimated to be between 100,000 and 1,000,000 depending on the source, and the half life in aquatic systems is probably over 150 years (<http://www.speclab.com/compound/c50293.htm>). These pesticides may be bound to sediment in the channels monitored by the Coalition, and the sediment is mobilized periodically by unknown mechanisms. The Coalition is exploring analyzing sediment for DDT and DDD at these sites to determine if the source is mobilized sediment.

The Coalition has not sampled for fish in any of the surface waters, and with the exception of mosquito fish, none have been observed and it is unlikely that in the surface waters in which DDT or DDD have been detected, any fish are resident. Flows are intermittent and dissolved oxygen is low suggesting that fish would not survive long enough to accumulate DDT. Consequently, fish tissue analysis is not an option for determining if the DDT is moving through the food web to the upper trophic levels.

Water column toxicity was experienced 13 times during the 2006 irrigation season. Of the 13 exceedances, nine were for *Ceriodaphnia*, 3 for *Pimephales*, and one for *Selenastrum*. Two additional toxicity exceedances were experienced for *Hyalella* from sediment.

In the 2005 irrigation season, there were eight instances of water column toxicity; six for *Ceriodaphnia*, two for *Selenastrum*. Six additional toxicity exceedances were experienced for *Hyalella* from sediment. Again, the larger number of sites in 2006 makes comparisons difficult, but there were absolutely fewer sediment exceedances in 2006 compared to 2005.

Seven Phase I TIEs were initiated on water column samples with greater than 50% mortality. Toxicity was persistent through the TIE in five tests and not persistent in two tests. Of the five completed Phase I TIEs, four indicated that a metabolically activated pesticide was the cause of toxicity, most probably chlorpyrifos. The remaining TIE indicated that ammonia was the cause of the toxicity.

Field Parameters (pH, DO, EC)

There were 46 exceedances of the DO water quality objective (7.0 mg/L) spread across 16 of the 19 sites monitored. Only the two Highline Canal sites and South Slough @ Quinley Ave did not experience exceedances. Exceedances of DO are commonplace and were present throughout the Coalition region in 2005 and 2004.

Only four exceedances of pH were found during the 2006 irrigation season. All were for elevated pH but the exceedances were relatively moderate with the largest exceedance being 0.35 pH units above the 8.5 pH upper standard.

There were eight exceedances of the specific conductance (EC) water quality objective in the 2006 irrigation season. These were experienced at the Hilmar Drain and Prairie Flower Drain sites which is consistent with the results from 2005. There were five exceedances of EC at Hilmar Drain in 2005, and only two in 2006. Exceedances occurred during every sample period in both years at Prairie Flower Drain.

All of these parameters are nonconserved constituents meaning that they can change over short distances and over short time frames. DO and pH are expected to vary diurnally and can exceed the standards as a result of natural processes in the water column such as photosynthesis and respiration. These processes can be exacerbated by the addition of nutrients which stimulate productivity and eventually release of organic matter into the water column and sediment where it is broken down by microbial activity.

Interpretation of the data for these parameters is difficult until they are placed into the context of additional data such as nutrients and BOD. At this point, those data are unavailable because the studies have not been performed. Those special studies are described below.

Physical Parameters (TDS, TOC, Color)

Exceedance of the color water quality objective was experienced at almost every single site at every monitoring event through the 2006 irrigation season. Color is a derived parameter in that color is not delivered to surface waters from any

source. Color is a result of other constituents (e.g. organic carbon, sediment) or processes (e.g. photosynthesis, turbulent flow and resuspension of particulate matter). Consequently, management of color is not possible unless the process(s) that contribute to color are understood. As the Coalition conducts the special studies to determine the cause(s) of exceedances of constituents such as DO and pH, information will become available that will allow us to address color exceedances.

TDS describes all solids (usually mineral salts) that are dissolved in water and is usually correlated with EC. As expected from the discussion of EC exceedances, exceedances of the TDS water quality objective were experienced at Hilmar Drain during the same two monitoring events as the EC exceedances and during every monitoring event at Prairie Flower Drain.

The more salts that are dissolved in the water, the higher the value of the electric conductivity. The relationship between the conductivity of a solution and its content varies not only by the concentration of the dissolved ions, but is also based upon the charge and mobility of the dissolved ionic species. A small ion and a large ion can have the same electrical charge. The small ion will find it easier to move through the water molecules, so it "conducts" that charge faster, resulting in a higher EC for the same concentration (TDS) in the solution. Likewise, if two ions have the same size, but one has a higher charge than the other, the higher charged ion will result in a higher EC. It follows that if the correlation between EC and TDS is high for measurements made across several sites at several different times, the source of the ions in the water are constant, i.e., the types of ions in solution and/or their ratios are constant across time and/or space. Alternatively, if there is little or no correlation between EC and TDS, the types of ions and/or their ratios vary across time and/or space.

There are two general sources of EC (or TDS) in agricultural landscapes; fertilizers and native soils. A commercial fertilizer can be made up of dozens of different chemicals each of which ionize, and contribute to the EC of the solution. Different brands of fertilizer can use different chemicals to make up the total formula indicating that there will not be a standard signal for fertilizer-generated EC or TDS.

Both Hilmar Drain and Prairie Flower Drain are located very close to the San Joaquin River and have the largest amount of field drains present in the nearby fields. Depth to ground water is very shallow and the field drains pump high salinity ground water to allow plant growth. In addition, the two main drains do not have a concrete liner and can be recharged directly from shallow ground water. Consequently, it is not clear if the high salts, which are also found on the west side of the river, are a function of agricultural inputs or recharge from local shallow ground water. The Coalition will perform a study this summer to determine the source of the water in the two main drains and consequently, the source of the salts in the two drains.

E. coli

E. coli is an indicator of fecal contamination in surface waters. Although some strains of *E. coli* are pathogenic, generally *E. coli* indicates that pathogenic bacteria may be present. There were 40 exceedances of the *E. coli* water quality objective during the 2006 irrigation season compared to 44 exceedances in 2005. In 2006, 6 more sites were sampled indicating that fewer exceedances per site were experienced during the 2006 irrigation season. However, there are still a large number of exceedances and the Coalition performed a source identification to determine the taxonomic group(s) responsible for the fecal contamination in the Coalition region. Until the data from that study are interpreted, the interpretation of the current *E. coli* data is difficult. The Coalition can only state at this point that *E. coli* is present in the water and the source is unknown as is the potential for the presence of pathogenic bacteria. The *E. coli* study is discussed below in greater detail.

Metals

Metals were analyzed for the first time during the 2006 irrigation season. Four metals, copper, zinc, lead, and selenium occurred at concentrations above water quality objectives. Objectives are adjusted for hardness for zinc, lead, and copper; selenium has an objective that is not adjusted.

Copper and Zinc

Copper exceedances were experienced 24 times at nine sites and zinc exceedances were experienced once at each of two sites (Table 74). Both of these two metals can arise from natural sources and also from pesticide applications. Copper is commonly applied throughout the Coalition region and is considered organic. Zinc is less regularly applied and is used as a rodenticide around nut crops and stored grain products. It can also be purchased over the counter at local retail outlets and consequently, may be applied in both urban and agricultural areas without filing Pesticide Use Reports.

Lead

Lead in surface water can originate from numerous sources including parent geological material, lead-based paint, aerosols including dust, and previous deposition from lead-based gasoline. Currently, there are no pesticides applied that have lead as a material, although lead arsenate was used in the past. Lead arsenate was used generally only until the 1960s but has been banned on all food crops since 1991. Currently, the most probable source is contaminated soils that originated from old pesticide applications or more probably, the

deposition of automobile exhaust along roadways. Lead was present at Duck Slough @ Highway 99 in all sampling periods (Table 74) suggesting that the lead may be originating with contaminated soils at that site. Contaminated soils may have caused contaminated sediment and that sediment may be moved into the water body during storm events. Mobilization of the sediments during irrigation could result in the lead detections at Highway 99 and the eventual exceedance at the Gurr Road site. Because the lead analyses are performed on unfiltered samples, it is not known if the lead is dissolved or associated with particulates. Also, we do not have lead data from Duck Slough above Highway 99 to confirm the hypothesis that the lead is originating (or did originate at some time in the past) at the Highway 99 site. The Coalition will sample upstream of the Highway 99 site to determine if lead is present. Lead found above Highway 99 does not eliminate auto exhaust-contaminated soils as the cause, but not finding lead strongly supports the conclusion that the lead is from exhaust-contaminated soils at Highway 99.

Selenium

There are no applications of selenium in the Coalition region. Selenium is a naturally occurring element found in parent geological material and soils. The single exceedance for selenium is most probably a result of leaching of selenium salts from soils during irrigation.

Quality Control

Quality control issues were present for a small number of samples from the chemistry laboratories, but the batches were evaluated using all LABQA results and were determined to be acceptable. Consequently, all chemical results are valid and conclusions justifiable. There were instances of holding time violations for toxicity tests as a result of toxicity tests failing to meet test acceptability criteria. No new samples were collected and tests were rerun using the original sample water. As a result, tests were performed outside of the hold time. All results from these tests should be viewed with understanding that hold time violations did occur.

SUMMARY OF MANAGEMENT PRACTICES

The Coalition is currently unable to summarize management practices used in the Coalition region. Surveys have been sent to growers and handed out at several meetings held in the Coalition region. Some responses have been received and a database is being developed to manage the survey responses. No data have been placed into the database and the responses reside on the surveys themselves. We anticipate that by the end of March 2007, the majority of the responses will be received and placed into the database. A summary of current management practices will be provided in the June 30, 2007 SAMR.

ACTIONS TAKEN TO ADDRESS WATER QUALITY IMPACTS

The Coalition conducts a monitoring and reporting program as a means of identifying and monitoring water quality exceedances. Reporting is conducted to inform the Regional Board of the results and progress in managing the exceedances. The monitoring and reporting activities are summarized in Table 77 for the 2006 irrigation season, and in Table 78 for all promised deliverable from Communication Reports to date (to the time of this report). In addition, the Coalition has taken a series of actions to address exceedances that include 1) using Pesticide Use Reports to identify potential sources of pesticide exceedances, 2) analyzing monitoring data to determine the potential mechanism associated with exceedances of physical and field parameters such as DO, pH, and TDS, and 3) proactively performing special studies to determine the sources of constituents such as *E. coli*, or the potential causes of exceedances such as low DO. In the future, the Coalition is planning to continue these studies and to address other exceedances by performing additional special studies for EC/TDS, lead, and pH. These are summarized briefly below.

Pesticides and Toxicity

Pesticide applications should be identifiable to individual parcels through the use of Pesticide Use Reports. The Coalition requests all use reports from the County Agricultural Commissioners and identifies all pesticides that were recorded as exceedances or that could have contributed to toxicity. Chemicals that could contribute to toxicity are separated by K_{oc} into those with high K_{oc} that bind to sediment and potentially cause sediment toxicity, and those with low K_{oc} and could contribute to water column toxicity. Understanding the potential mechanism by which pesticides are moved to surface waters allows the Coalition to target presentations and materials provided to growers that identify management practices effective in eliminating the exceedances.

E. coli

A follow-up study identifying the source of *E. coli* in Coalition water bodies was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) within the Coalition region. Analyses to identify the source of the bacteria have been completed and the final report is being prepared. DNA was extracted from the bacteria in the water, amplified using real-time PCR, and then, using primers specific to humans, cows, and chickens, the bacteria in the samples was matched with bacterial sequences from these species.

Once the Coalition understands the relative contribution of these sources, an appropriate management strategy can be developed. This strategy may involve working with non-agricultural groups to address the exceedances. If there is a contribution from cattle, the Coalition will determine if there is irrigated pasture in the watershed draining to the locations of the sampling sites. If present, the Coalition will contact the appropriate individuals about the exceedances and management.

Dissolved Oxygen

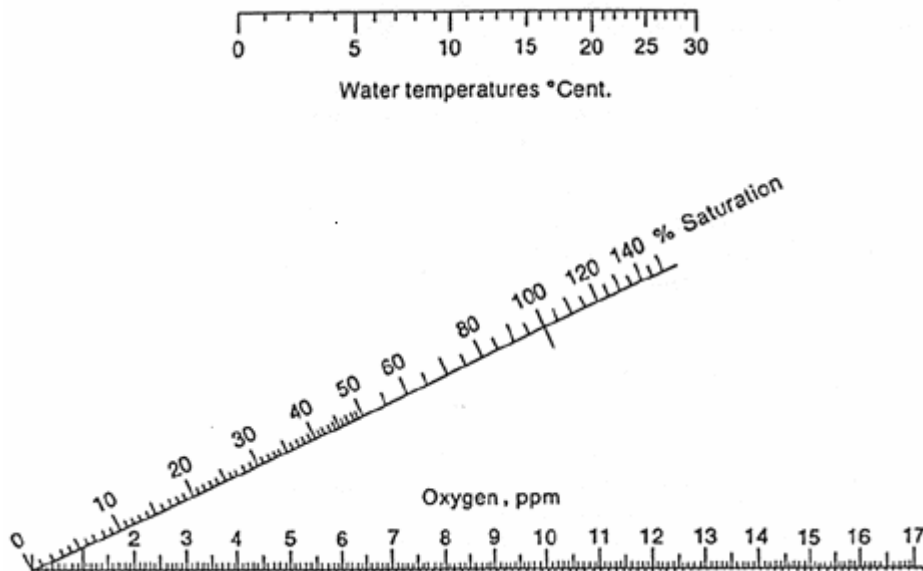
Over the past several monitoring periods, exceedances of dissolved oxygen have been common in the Coalition region. DO in surface waters is a function of several factors including flow and reaeration, water temperature, BOD including SOD, COD, and the relative amount of photosynthesis. DO is a non-conserved constituent and can change dramatically across space and time. In several communication reports, we have provided explanations of how various factors contribute to the maintenance of dissolved oxygen. These are summarized below.

Flow

Re-aeration from turbulent flow is a natural method for reaeration of surface waters. Standing water typically does not exchange oxygen in more than a very shallow surface layer and the water usually is depleted of oxygen by other processes.

Water Temperature

It is well known that colder water has a greater ability to retain oxygen. The water may be saturated with oxygen, but at very high temperatures, the amount of oxygen in the water can be very low. The nomogram below relates water temperature, oxygen concentration in parts per million (mg/L) and percent saturation.



BOD and COD

In most cases, BOD has a much greater influence on dissolved oxygen than SOD or COD. BOD is a function of the respiration that occurs when organic matter enters the water body and is degraded by bacterial action. The respiration of the bacteria can occur in either the water column or the sediment, and can deplete the oxygen in the water column. Organic material can originate from allochthonous inputs (e.g. organic inputs from dairies, Publicly Owned Treatment Works [POTWs], agricultural operations) or autochthonous sources (benthic and water column algal production and decomposition).

Photosynthesis

Unless waters are extremely oligotrophic, DO levels usually vary diurnally as a function of changes in productivity. During daylight hours, when photosynthesis is occurring, carbon dioxide (CO_2) is fixed as plant material reducing the CO_2 concentration of the water and increasing the DO concentration. At night, respiration is the driving force, resulting in a decrease in DO. Algal productivity is stimulated by nutrient inputs upstream, but nutrient cycling in surface waters is very difficult to quantify. However, it is generally accepted that excessive nutrient loads stimulates production and can reduce DO in surface waters.

Preliminary Analyses

In an attempt to determine if dissolved oxygen in the Coalitions surface waters was a function of the factors listed above, we undertook some preliminary analyses using data from 2005 and 2006 at several sites in the San Joaquin County and Delta Water Quality Coalition region. These sites should be representative of sites from the east side of the San Joaquin Valley.

If temperature is a primary determinant of the amount of dissolved oxygen present in the water, three relationships should hold. First, there should be a negative relationship between temperature and dissolved oxygen measured as mg/L. If the dissolved oxygen content of the water is determined only by temperature, there should be no relationship between temperature and percent saturation (slope of the regression line equals 0). Although the amount of dissolved oxygen should decline with increasing temperature, the percent saturation should remain at 100%. Finally, there should be no relationship between dissolved oxygen and percent saturation. The percent saturation should remain constant at 100% even as the measured dissolved oxygen declines. When data from the sites was plotted, there is a negative relationship between temperature and dissolved oxygen indicating that as temperature increases, the dissolved oxygen in water declines (Figure 54). The coefficient of determination (R^2) is only 0.15 indicating that very little variation in dissolved oxygen is explained by temperature. There is also no relationship between percent saturation and temperature (Figure 55) but the intercept of the equation defining the relationship is 76.9 percent and the R^2 for the relationship is 0.0009. These two values indicate that the baseline percent saturation at 0°C would only be 76%, not 100%, and that there is essentially no variation explained by the straight line. Finally, there is a linear fit between percent saturation and dissolved oxygen indicating that as the amount of dissolved oxygen declines, the percent saturation also declines (Figure 56). The relationship is significant with an R^2 of nearly .9. These three relationships indicate that although temperature does play a role in the dissolved oxygen dynamics, it is not the only factor.

To investigate whether photosynthesis/respiration of aquatic vegetation is driving the dissolved oxygen dynamics, we investigated the relationships between the time of day and dissolved oxygen. Unfortunately we do not have continual data from any site over a 24 hour period, and do not have any data from any site during non daylight hours. We do have data from several sites collected across the daylight hours and could detect any major changes in dissolved oxygen.

Figure 54. Plot of DO against temperature for sites in the SJCDWQC region.

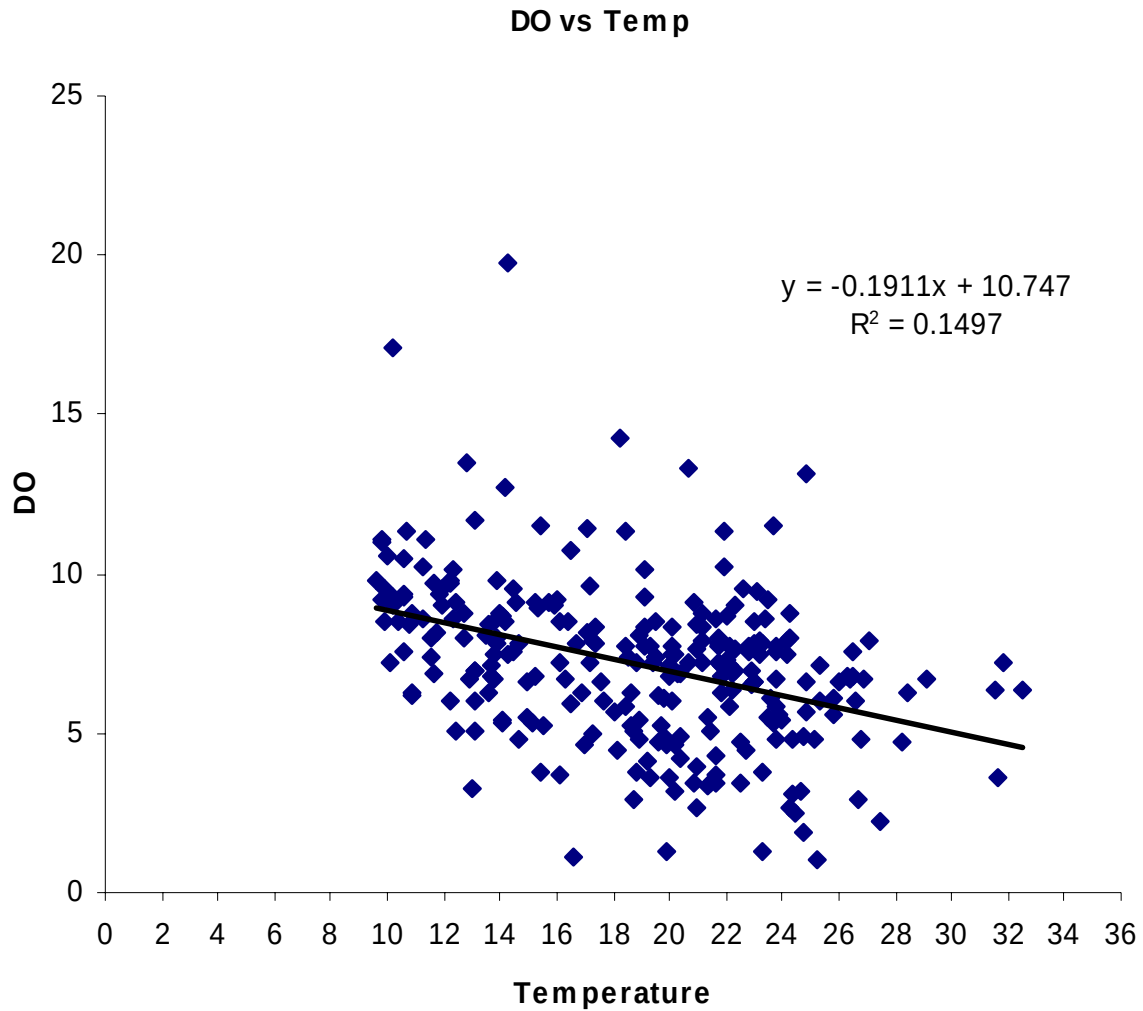


Figure 55. Plot of % saturation against temperature for sites in the SJCDWQC region.

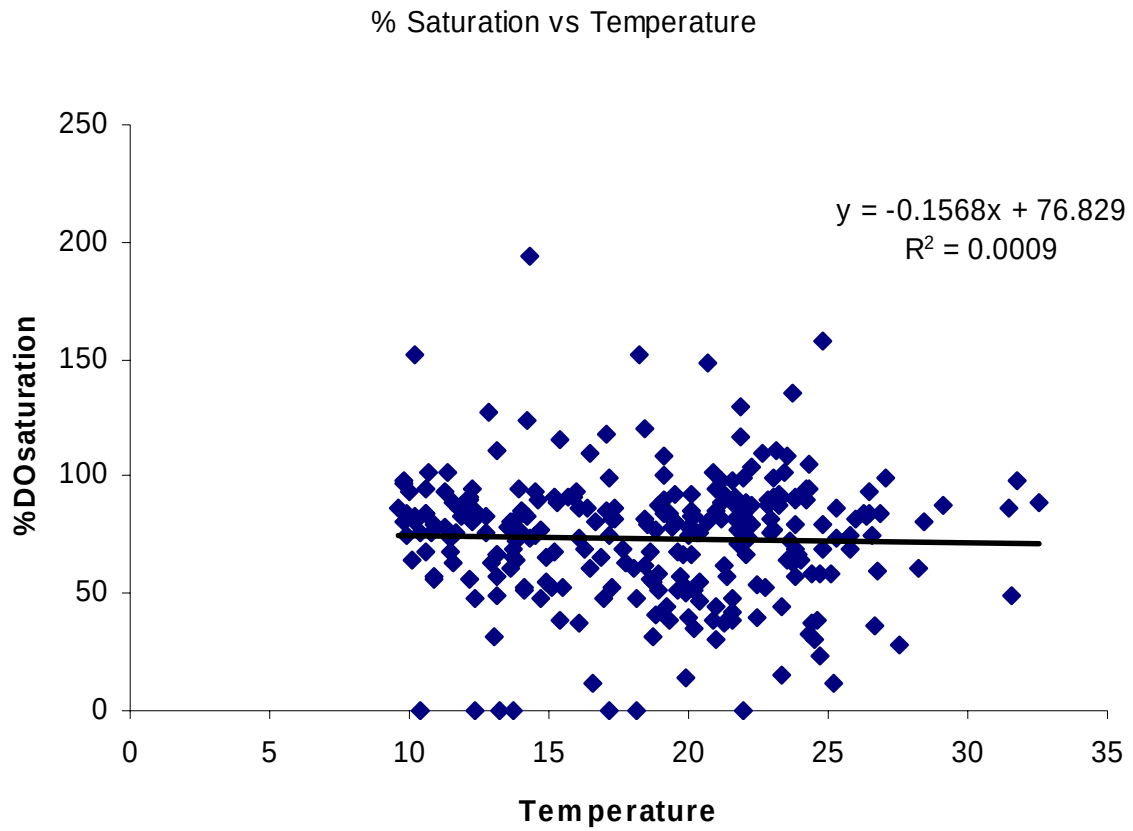
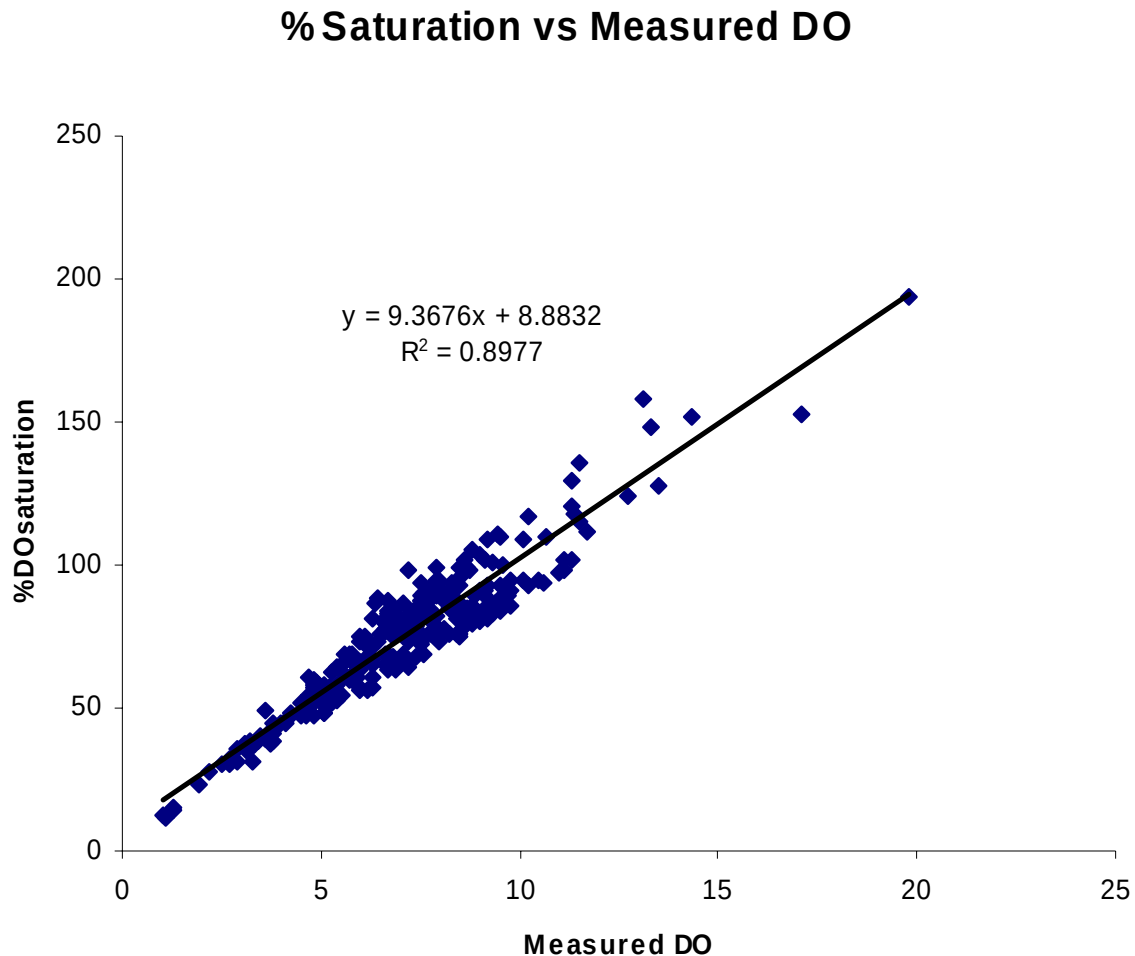


Figure 56. Plot of % saturation against measured DO for sites within the SJCDWQC region.



These plots are not considered to be conclusive because the data are not completely suitable for the analysis. But the data are suggestive. The prediction is that if photosynthetic activity is driving dissolved oxygen dynamics during the daylight hours, there should be an increase in dissolved oxygen from morning until afternoon. The percent saturation may also increase, perhaps to levels of supersaturation as the day progresses. Although dissolved oxygen does increase during the day, the slope of the increase is low and the R^2 is small (Figure 57). The plot of percent saturation vs. time of day (Figure 58) similarly has very small slope and R^2 values indicating a nonsignificant relationship. Consequently, it appears that photosynthetic activity plays a minor role in dissolved oxygen dynamics, but these results should be viewed with caution unless a continual time series of data from several days at a single site are available for analysis.

Flow data were difficult to analyze because in many instances, there was no flow or flow was not able to be obtained due to safety considerations. However, what little data were available suggested that there was no strong relationship between flow and dissolved oxygen.

Figure 57. Plot of DO against time of day for sites within the SJCDWQC region.

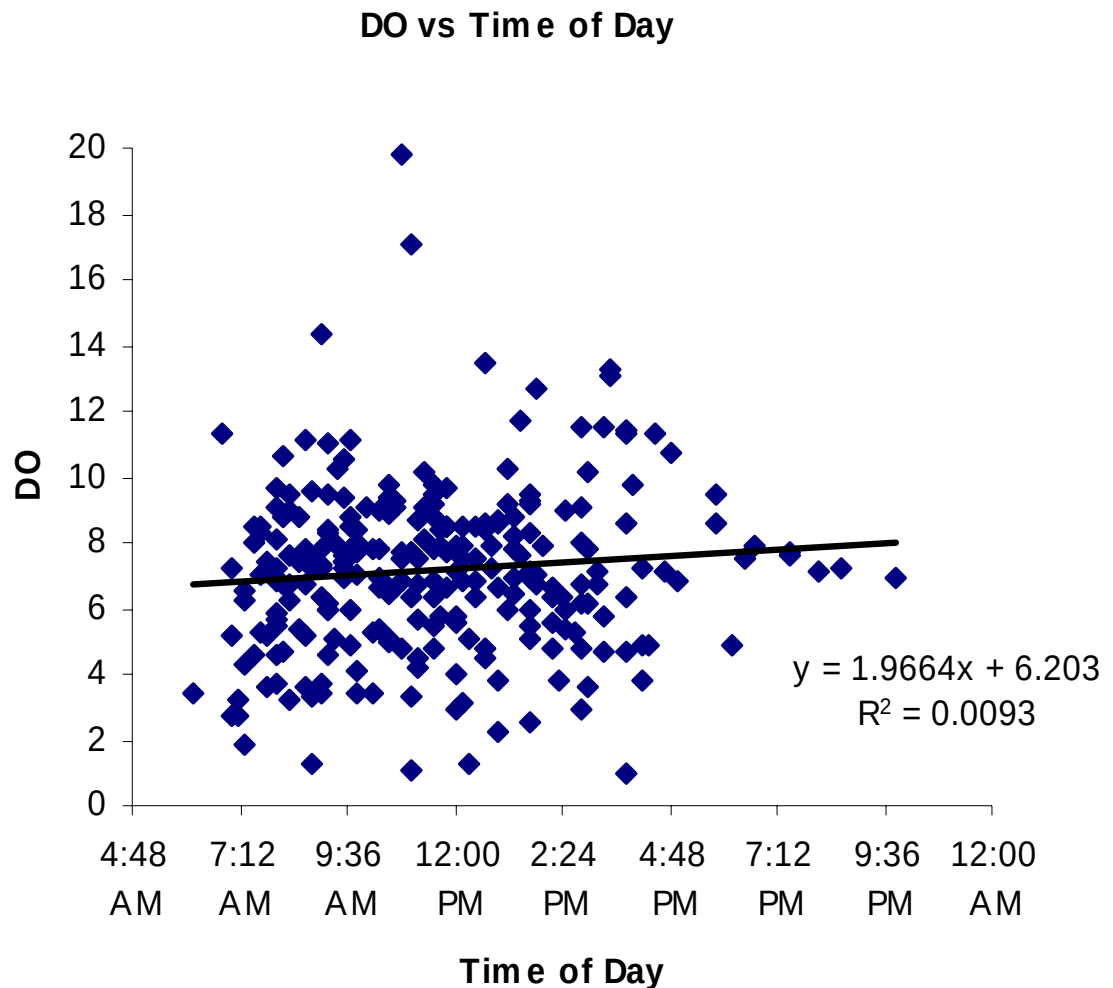
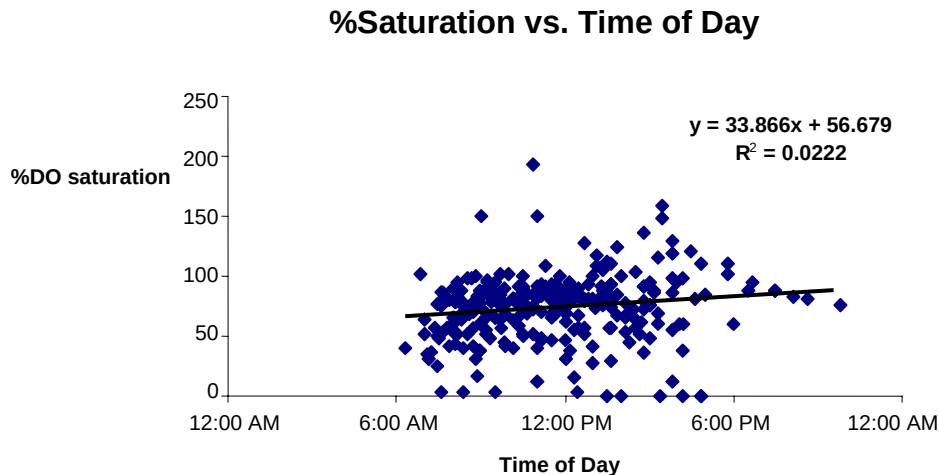


Figure 58. Plot of % saturation against time of day for sites within the SJCDWQC region.



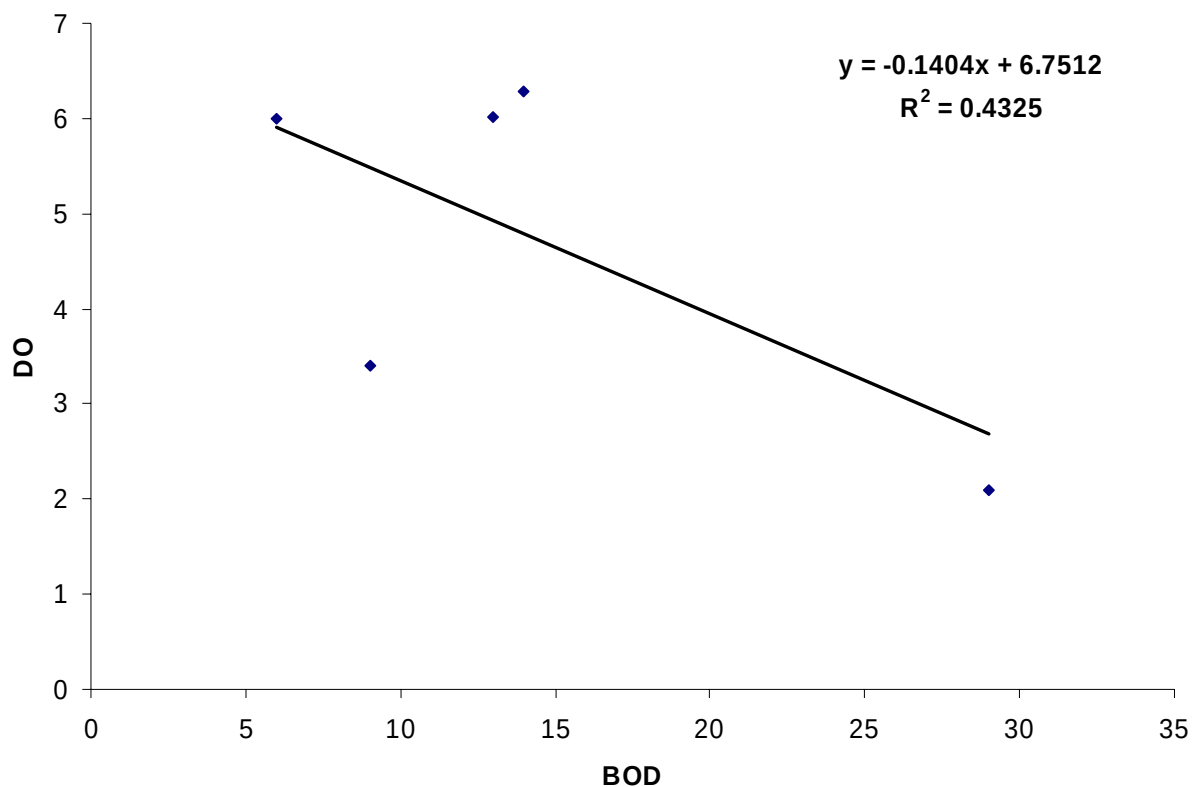
BOD analysis

In an attempt to understand dissolved oxygen dynamics, the Coalition sampled for Biological Oxygen Demand during the September monitoring event. Water was collected and sent to Caltest Laboratories in Napa, CA where the water was tested for BOD according to Standard Method 5210B. Samples were stored on ice at 4°C from time of collection until analysis. There is a 6 hour recommended holding time on the analysis which was not met with these samples. The result of longer holding times is to reduce the amount of BOD although maintaining the samples at 4°C from collection until analysis reduces the decomposition of the sample. All samples were analyzed within 24 hours after collection which does meet the holding time requirements for grab BOD samples.

Only 5 samples contained measurable amounts of BOD, 3 from the East San Joaquin Water Quality Coalition region and 2 from the San Joaquin County and Delta Water Quality Coalition region. The data are combined for the analysis that follows.

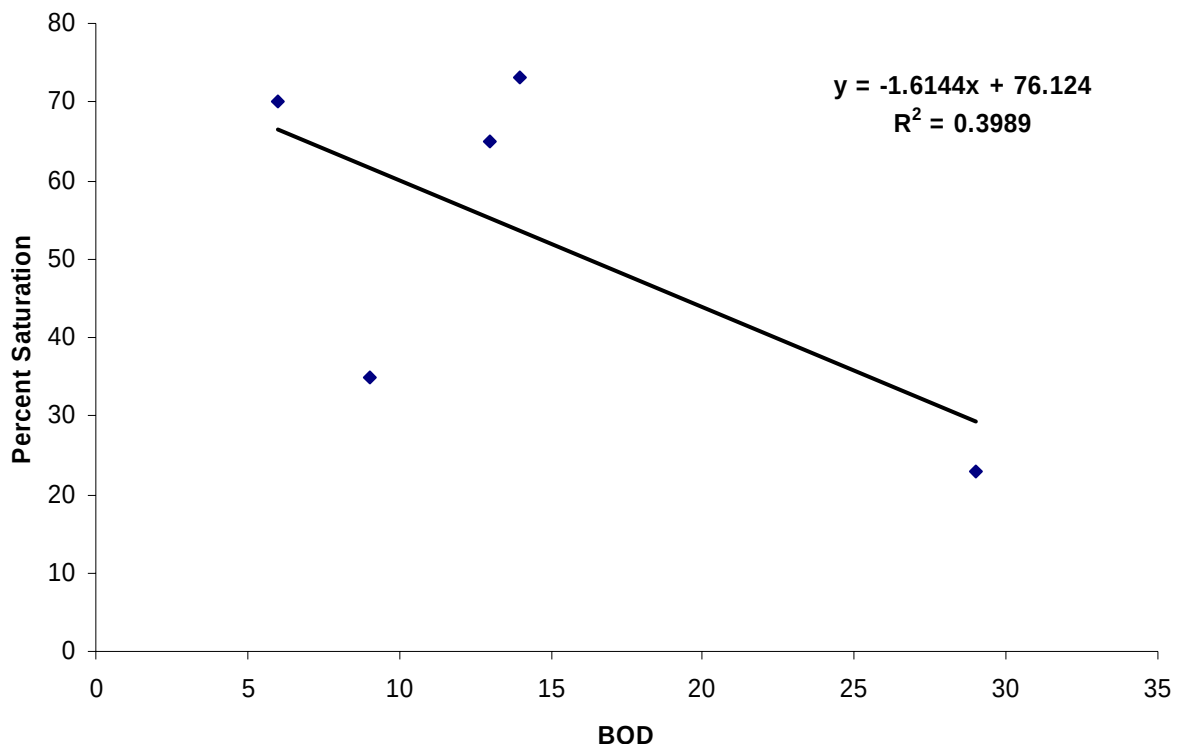
There was a negative but nonsignificant relationship between BOD and dissolved oxygen. The lack of significance is a result of the small sample size and lack of statistical power, but the relationship between BOD and dissolved oxygen is determined primarily by the two points at the end of the range of BOD values (Figure 59).

Figure 59. Plot of DO against BOD for sites within the ESJWQC and SJCDWQC regions.



Similarly, the plot of BOD against percent saturation was negative with a slightly lower R² (Figure 60).

Figure 60. Plot of percent saturation against BOD for sites within the ESJWQC and the SJCDWQC regions.



Among the other variables examined were TOC, discharge, and temperature. BOD and TOC were correlated at 0.93, temperature and DO were correlated at -0.02, and TOC and DO were correlated at -0.78. These preliminary data indicated that TOC might be used as a surrogate for BOD in later analyses, and we pulled data on TOC and DO from the two coalition regions for the past two years. The relationship did not hold with TOC and DO correlated at -0.02.

To investigate the effects of BOD after the effects of temperature had been removed, DO was regressed on temperature and the residuals calculated. The residuals were then correlated with BOD. The correlation was -0.71, which translates to a R^2 value of 0.5. This means that half of the variation in dissolved oxygen is explainable by BOD after the effects of temperature have been removed. In other words, we can improve the relationship between BOD and DO if the effects of elevated temperature are accounted for in the analysis.

Conclusion

At this point, it appears that a large part of the dissolved oxygen problem in the water bodies is a result of BOD. However, these results should be viewed with caution as we had only a very small sample size for BOD. If the source of the dissolved oxygen problem is BOD, the source of the organic material that is causing the decomposition problems remains to be determined. Several sources are possible including allochthonous material (benthic algae, rooted and non-rooted macrophytes), allochthonous inputs from the riparian zone, inputs from agricultural activities such as irrigated pasture, or organic carbon sources such as leaky sanitary sewers, leaky septic systems, or applied manure.

Future actions

Several activities are possible for future analyses including:

- Additional BOD analyses in the 2007 irrigation season
- Organic material source identification by examining the particulate and dissolved organic fractions

The Coalition will discuss its options and provide the Regional Board with its plans for future analyses. The plans will be provided in the updated Monitoring and Reporting Program Plan that will be provided to outline the 2007-08 monitoring activities.

EC/TDS

Exceedances of Electrical Conductivity (EC) and Total Dissolved Solids (TDS) have been commonplace during sampling of the Prairie Flower Drain and the Hilmar Drain (main drains). Exceedances have occurred during both the summer irrigation season and the winter dormant season. The location of these two agricultural drains near the San Joaquin River places them in a region that would naturally be subject to salt problems. Recent Department of Water Resources studies of ground water Electrical Conductivity on the west side of the San Joaquin River indicates that EC can occur in concentrations of up to 4000 $\mu\text{S}/\text{cm}$. Ground water on the east side of the San Joaquin immediately adjacent to the west side would be expected to have EC levels similarly elevated.

The elevated EC/TDS in the water discharged to the two drains in the coalition region could be a result of three general categories of sources (Phillips et al. 2006). The first category of source is termed cyclical and surficial salts and originates from atmospheric deposition (wet and dry) and the weathering reactions between precipitation and surficial soils and rocks in the watershed. These sources are very diffuse and are considered almost impossible to control. A second source is saline ground water intrusion into surface waters. If the location of these intrusions are known and reasonably localized, they may be intercepted prior to entry into the surface waters and their effects mitigated. The

final source is anthropogenic and may arise from municipal/domestic and industrial waste streams, fertilizers and other soil amendments, animal confinement operations and several other potential sources. These sources are assumed to be manageable.

There a large number of dairies in the two watersheds and the agriculture in these watersheds are crops such as alfalfa and corn that support the dairy industry. Origin of the irrigation water in the two watersheds is complex and involves a combination of surface water delivered from the Turlock Irrigation District (TID) and some ground water. Subsurface drains are common in the region and are used to remove surface water infiltrating into the soil. However, the ground water table is very high and the primary function of the drains is to pump and remove the shallow ground water from the soil profile. Also, the main drain channels are not impervious through the entire length of the drain allowing some ground water to enter the drains through the hyporheic zone. Consequently, much of the water in the main drains could originate from sources that do not involve agriculture.

Because the source of water in the main drains varies, the source of the salts in Prairie Flower Drain and Hilmar Drain could arise from several locations. If ground water in the region is high in EC as is true on the west side of the San Joaquin River, some ground water could be applied to the fields containing all ions that are discharged into the drains. Alternatively, the irrigation water delivered from the TID could be relatively low in EC but the water could pick up ions as it moves across the surface of the fields, or as it infiltrates into the soil. The water would eventually move to the subsurface field drains prior to being pumped into the main drains. Finally, EC in the main drains could be a result of recharge from shallow ground water either directly into the main drains or from pumping from field drains. In this case, the source of the shallow ground water would be elevated in EC.

Identifying sources of salts requires techniques to identify the source of the water in the two drains. Source water identification can be accomplished by a combination of two techniques, analysis of stable oxygen and deuterium isotope signatures and anion and cation analysis on the potential sources of water. Because the source of the EC/TDS salts to the drains is unclear, the East San Joaquin Water Quality Coalition proposes to perform a study to determine the relative contribution of the potential sources to the salts in Prairie Flower Drain and Hilmar Drain.

The objectives of the proposed study are:

1. Determine the ions responsible for the EC/TDS exceedances
2. Determine the source of the ions

Objective 1 – Determine the ions responsible for the EC/TDS exceedances
Numerous anions and cations could be responsible for the exceedances in the drains. Understanding the type and concentration of ions in the source water and discharge water will allow us to better manage the EC exceedances. We will collect water from the potential sources (surface and ground water) and measure the concentration of ions. Different sources will be characterized statistically and compared to the ionic composition of the main drains to determine the relative contribution of each source. It is possible that the sources can not be distinguished statistically by ions alone, so we will use an additional technique, stable isotope analysis.

Objective 2 – Ion source determination

Ion source identification will be performed using two complementary techniques, isotopic composition of the drain waters and the potential sources, and the ion composition of the various sources and drain waters.

Stable isotope analyses

It has been recognized for several decades that different sources of water vary in their relative ratios of oxygen-18 to oxygen-16 isotopes (termed $\delta^{18}\text{O}$) and deuterium to hydrogen (termed δD) isotopes. The differences are due to the age of the water relative to precipitation. The technique of isotope analysis has been used to determine sources of water in several contexts including the origin of shallow ground water in an alluvial aquifer in Northern California (Rains and Mount 2002), and the source of water utilized by various species of plants (e.g. Chimner and Cooper 2004, Mensforth et al. 1994, Schwinning et al. 2002) and is a commonly used technique to identify the origin and circulation of natural waters (Phillips et al. 2006). The general concept is that water is made up of a mixture of the heavy and light isotopes of both oxygen and hydrogen. The mixture changes as it is subjected to normal environmental effects such as evaporation and movement through the soil. In surface water during the summer, evaporation tends to remove the lighter isotopes first leaving the water with a higher ratio of the heavy to light oxygen (enriched) and a unique signature. Transpiration of water by plants does not affect the isotopic composition of water because plants move water from soil to the atmosphere without changing its isotopic composition. Alternatively, past studies have demonstrated that ground water tends to have a lower $\delta^{18}\text{O}$ (depleted) and δD values than surface or shallow ground water again, a unique signature. Depending on the time necessary for the irrigation water applied to the fields to infiltrate, reach the agricultural drains and be pumped to the main drains, the isotopic signature of the source water may change as well. Stable isotope signatures can be used to determine the source of salinity in water because water that is saline due to evaporation will be enriched in the heavy isotopes and water that is saline due to salt addition or transpiration will not be enriched. Consequently, we can identify

the $\delta^{18}\text{O}$ and δD signatures of the potential source waters, and use those to identify the percentage of each source in the main drains.

Source determination is performed with the computer program IsoSource, an open source program developed by the US EPA in Corvallis (Phillips and Gregg 2003). This method allows the use of only 2 isotopes and several potential mixed signal end products, e.g. the water in agricultural drains, ground water, and the main Hilmar Drain. If the stable isotope signatures of all potential sources are known, IsoSource provides an estimation of the relative proportion that each of those sources contributes to the end product, in this case Hilmar and Prairie Flower Drains.

Ion analysis

Several ions have been used to identify the source of salinity in rivers and other surface waters including Na, K, Cl, HCO_3 , SO_4 , Mg, I, and Br (Phillips et al. 2006, Rains and Mount 2002). For example, chlorine is present only in the form of Cl^- and is highly conserved under natural conditions. Bromide has similar geochemical properties and consequently the Cl/Br ratio can be used as an indicator of the origin of water (Phillips et al. 2006). Precipitation usually has a Cl/Br mass ratio of 150 to 50 while most ground water sources have a Cl/Br ratio of over 200 and can range much higher if anthropogenic sources are contributing to the ion load. Similarly, evaporation of surface waters tends to concentrate ions such as Na while decreasing the concentration of more reactive ions such as Ca^{2+} and HCO_3^- . Panno et al. (2006) used combinations of I/Na vs. Br and Cl/Br vs. Cl plots to separate out sources of Na and Cl to ground waters in the Midwest. Figure 3 from Panno et al. (2006) is provided below to illustrate the process.

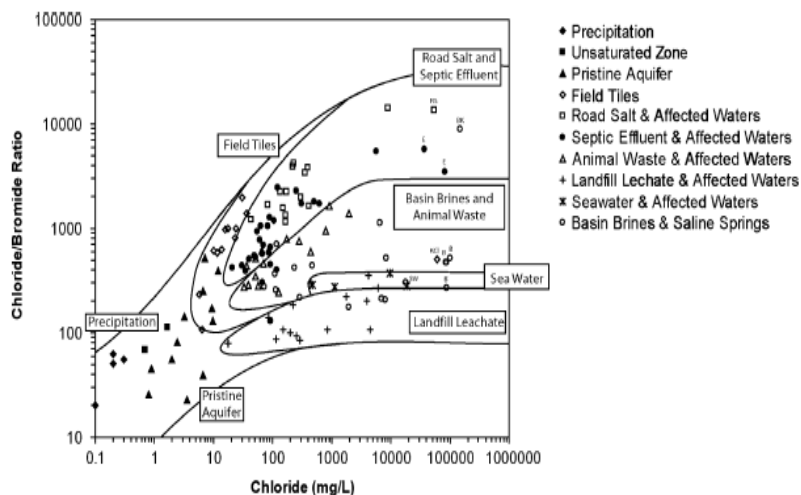


Figure 3. Cl/Br ratios vs. Cl⁻ concentrations of background samples, sources, and affected water samples showing complete and partial separation (overlap) of each group of samples and endmember locations. The trend of the data points following lines of evolution/mixing originating from precipitation or pristine ground water and ending at the sources shows the effects of anthropogenic contamination. Lines drawn on the graph indicate approximate regions where certain groups of samples tend to plot. Endmember samples are indicated with the following letters: B = Illinois Basin brine; BK = evaporite basin brine from Kansas; E = commercially available salt for water softeners and Morton-brand iodized salt; SW = sea water; RS = road salt; and KCl = potassium chloride fertilizer.

Additional ions can be used in Piper (alternatively named trilinear diagrams) diagrams to characterize the ion composition of various sources and assign sources. An example of a Piper diagram taken from a preliminary report by Panno et al. (date unknown) is provided below.

By measuring the concentration of the major anion and cations in each potential source, we can build biplots for ions and ion ratios such as Cl/Br vs. Cl, Cl vs. electrical conductivity (see below), and construct Piper diagrams to identify the source(s) of salts to the drains.

Study Design

A summary of the study design is provided below. A final and more detailed monitoring plan and Quality Assurance Project Plan will be provided. However, the success of the study does not depend on high levels (exceedances) of salts in the water. The goal of the study is to determine the potential sources to the water in the drains and consequently, the concentration of the salts at any point in time is irrelevant.

There are several potential sources of water (and salts) to the drains: surface runoff of ground water used for irrigation, surface runoff of surface water used for irrigation, subsurface drainage of irrigation water pumped from field drains, subsurface drainage of shallow ground water pumped from field drains, and shallow ground water recharge directly to the main drains.

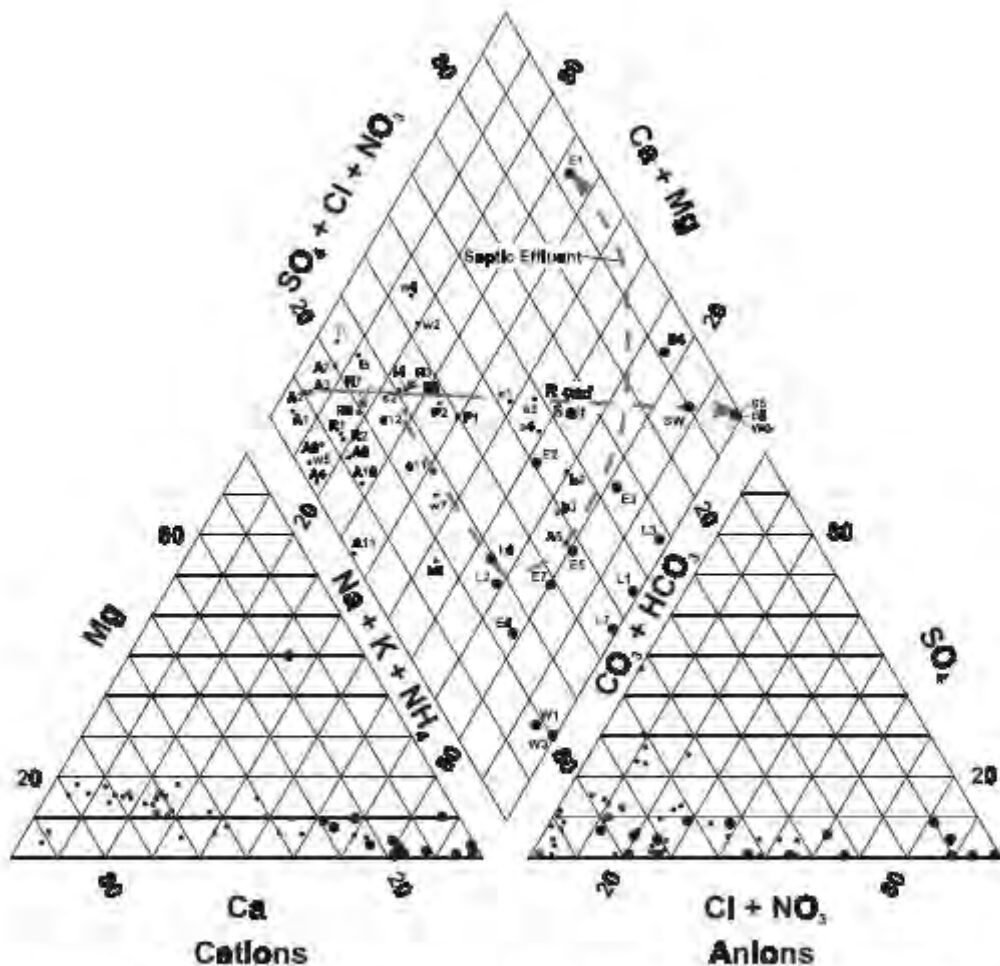


Figure 2. Trilinear diagram showing water samples of various degrees of salinity. The large dots represent $\text{Na}^+\text{-Cl}^-$ sources, whereas the smaller dots represent precipitation, stream water, uncontaminated groundwater, and water samples contaminated with $\text{Na}^+\text{-Cl}^-$ sources. Sample IDs are keyed to Table 1.

Water will be collected from the two main drains for TDS, ion, and stable isotope analyses. At the time of collection, temperature, pH, EC, and Dissolved Oxygen will also be measured. Water will be collected from the discharge pumps as they discharge water from the subsurface agricultural drains directly to the main drains, or to secondary surface canals that deliver water to the main drains. Water will be collected from discharge performed to drain shallow ground water from the soil profile, and from discharge of irrigation water that infiltrates after application. Finally, water will be collected from as many wells as possible to characterize the groundwater. Proposed sampling locations will be identified and provided to the Regional Board for review.

Water will be collected in glass containers filled completely to the top, covered with parafilm and sealed to prevent fractionation in the container. Samples will be placed on ice for transport to the laboratory. Measurements of field parameters of water collected from the pumps or wells will be made in the glass containers prior to sealing the containers. The pumping may alter the temperature slightly and the dissolved oxygen considerably, but these parameters are not critical to the analyses to be performed. Pumping will not alter the ionic or isotopic composition of the samples.

Deuterium and oxygen-18 analyses will be conducted at the University of California Davis - Department of Geology Stable Isotope Laboratory on a Finnigan MAT 251 isotope ratio mass spectrometer using a constant temperature water bath for equilibration in aqueous samples.

Water will also be collected for TDS analysis and ion analysis. All analyses will be conducted at the University of California, Davis Division of Agriculture and Natural Resources Laboratory (DANR). Na^+ and K^+ analyses are conducted using emission spectrometry, Ca^{2+} , Mg^{2+} , and SO_4^{2-} are measured using inductively coupled plasmic atomic emission mass spectrometry, Cl^- concentration is measured by electrometric titration with a chloridimeter, and HCO_3^- and CO_3^{2-} concentrations are measured by titration of samples with 0.5 N H_2SO_4 .

Data will be analyzed by developing several plots as illustrated and described above. If sufficient data are available, discriminant function analysis can be performed to statistically locate the composition of water in the drains relative to the known potential sources. The combination of the analysis of the ion data and the stable isotope data will allow us to determine the source of the salts to the drains.

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pH

There are two potential causes of pH outside the range (6.5 – 8.5) specified in the Basin Plan. First, substances with very low or very high pH could have been added to the water or been the result of a spill. However, given the normal buffering capacity of the stream systems in the Valley, the pH of the contaminant would have to be considerably high or low and would probably have resulted in noticeable fish kills and the death of other biota in the streams. No such kills were observed and consequently, it is unlikely that the pH exceedances were the result of spills or deliberate dumping into the water bodies.

Control of pH in surface waters is a function of the balance between the buffering capacity of the water and the relative amount of photosynthesis. Unless waters are extremely oligotrophic, pH usually varies diurnally. During daylight hours, when photosynthesis is occurring, carbon dioxide is fixed as plant material reducing the CO₂ concentration of the water and causing a dissociation of the carbonic acid present in the water and the pH rises. At night, respiration is the driving force, resulting in a decrease in dissolved oxygen, an increase in CO₂ and a decline in pH. In a diurnal cycle, the lowest pH is expected at dawn because CO₂ produced by decomposition and aerobic respiration would have accumulated since the previous dusk. Conversely highest pH is expected during

the daylight hours, because pH rises at the rate at which carbon dioxide is fixed by plants. Both pH and dissolved oxygen may also be affected by anthropogenic sources (e.g., elevated nutrients resulting in increased algae populations can result in elevated pH readings).

Identifying the exact source of a pH exceedance is difficult. Most likely, the exceedance is a function of both in-stream and landscape processes that interact in a dynamic manner to control productivity and pH. Since pH is a function of diurnal changes in photosynthesis, the exceedance may be solely a result of the timing of the measurement.

The Coalition is evaluating approaches for identifying potential mechanisms responsible for pH exceedances, and will determine if a special study is possible.

ACTIVITIES, EVENTS AND DELIVERABLES

Table 77. Calendar of events and deliverables for the ESJWQC during the period May – December 2006.

Entries include the date in each month in which the activity was performed. Exceedance and Communication Reports are listed as are the general class of constituent(s) (i.e. field parameters, physical parameters, pesticides, *E. coli*, metals, water column toxicity, and sediment toxicity) covered by the reports. ER refers to an Exceedance Report and CR refers to a Communication Report. Irrigation Monitoring events are numbered in chronological order starting with Irrigation 1 which occurred in May 2006.

May	June	July
16 Irrigation sampling event	13 Irrigation 2 sampling event	10 ER <i>E. coli</i> /TDS/metals Irrigation 1
17 Irrigation sampling event	14 Irrigation 2 sampling event	11 ER pesticides Irrigation 1
18 Irrigation sampling event	14 ER field Irrigation 2 (pH)	11 Irrigation sampling event
19 ER field Irrigation 1	15 Irrigation 2 sampling event	12 Irrigation sampling event
25 ER toxicity Irrigation 1	16 ER field Irrigation 2 (EC)	13 Irrigation sampling event
	22 ER toxicity Irrigation 2	14 ER field Irrigation 3
	23 Irrigation 2 re-sampling event	20 Irrigation 3 re-sample event
	27 ER toxicity re-sampling Irrigation 2	21 ER toxicity Irrigation 3
		24 CR field Irrigation 1
		28 CR toxicity Irrigation 1
		28 ER toxicity resample Irrigation 3
		28 CR toxicity resample Irrigation 1

August		September		October	
2	ER E. coli/TDS/metals Irrigation 2	1	Bacteria source study sampling	2	CR toxicity resample irrigation 3
8	ER pesticides Irrigation 2	5	Irrigation 4 re-sample event	4	CR E. coli/TDS/metals Irrigation 2
8	Irrigation sampling event	5	ER Sed Tox Irrigation 4	5	ER pesticides Irrigation 4
9	Irrigation sampling event	10	ER field Bacteria source study (monitoring)	11	ER field toxicity resample Irrigation 3
10	Irrigation sampling event	12	CR E. coli/TDS/metals Irrigation 1	11	CR field toxicity resample Irrigation 3
10	ER E. coli/TDS/metals Irrigation 1 amended	12	CR Pesticides Irrigation 1	12	CR pesticides Irrigation 2
10	ER E. coli/TDS/metals Irrigation 2	12	Irrigation sampling event	17	CR field Irrigation 4
11	ER field Irrigation 4	12	CR pesticides Irrigation 1 amended	20	ER E. coli/TDS/metals Irrigation 5
16	CR field Irrigation 2	13	ER E. coli/TDS/metals Irrigation 4	23	ER pesticides Irrigation 5
17	Irrigation 4 re-sample event	13	Irrigation sampling event	25	CR toxicity Irrigation 4
21	ER toxicity Irrigation 4	14	Irrigation sampling event	25	CR toxicity resample Irrigation 4
22	Bacteria source study sampling (baseline)	15	CR field Irrigation 3	25	Grower meeting - Chowchilla
23	Bacteria source study sampling (baseline)	15	ER field Irrigation 5	27	CR E. coli/TDS/metals Irrigation 3
24	CR toxicity Irrigation 2	21	ER toxicity Irrigation 5	31	Grower meeting - Modesto
24	ER E. coli/TDS/metals Irrigation 3	21	Irrigation 5 re-sample event		
24	CR toxicity Irrigation 2	22	CR toxicity Irrigation 3		
24	ER pesticides Irrigation 3	22	CR toxicity resample Irrigation 3		
24	Bacteria source study sampling (baseline)	26	CR E. coli/TDS/metals Irrigation 1 amended		
24	CR toxicity resample Irrigation 2				
29	Bacteria source study sampling (monitoring)				
29	ER field Bacteria source study (baseline)				
29	ER field Bacteria source study (baseline)				
30	Bacteria source study sampling (monitoring)				

November		December	
1	CR pesticides Irrigation 3	12	CR pesticides Irrigation 4
1	CR field Bacteria source study (baseline)	12	Grower meeting – Merced County
7	CR field Bacterial source study (monitoring)	13	Grower meeting – Stanislaus County
13	CR Sed Tox Irrigation 4	14	Grower meeting – Madera County
15	CR E. coli/TDS Irrigation 4	27	CR E. coli/TDS Irrigation 5
17	CR field Irrigation 5	27	CR pesticides Irrigation 5
27	CR toxicity Irrigation 5		
27	CR toxicity resample Irrigation 5		

Table 778. Table of promised deliverables to the Regional Board and completion dates. Table is sorted by Communication Report date starting in 2005 and continuing to the time of the submission of this report.

Communication Report data starting in 2000 and continuing to the time of the submission of this Report.								
Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Duck Slough @ Gurr Rd	July	2005	26/Sep/2005	Sediment Toxicity	Obtain Pesticide Use Reports	01/Feb/2006	30/Dec/2005	Received and included in Dec SAMR 2005
					Identify potential sources	01/Mar/2006	30/Jun/2006	Potential sources identified through PUR data
					Perform Management Practices Survey	01/Jun/2006	28/Feb/2007	Surveys mailed 10/13/06
					Implement outreach/BMP education	01/Jul/2006	Irrigation 2006 Workshop Series	Just prior to start of 2006 growing season, 6 workshops were held around the coalition region
Jones Drain @ Oakdale Road	August	2005	03/Oct/2005	Water Column Toxicity	Obtain Pesticide Use Reports	01/Feb/2006	30/Dec/2005	Received and included in Dec SAMR 2005
					Identify potential sources	01/Mar/2006	03/Oct/2005, 30/Dec/2005	
					Perform Management Practices Survey	01/Jun/2006	28/Feb/2007	Surveys mailed 10/13/06
					Implement outreach/BMP education	01/Jul/2006	Irrigation 2006 Workshop Series	Just prior to start of 2006 growing season, 6 workshops were held around the coalition region
					Evaluation Report	03/Oct/2006	15/Sep/2006	

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Bear Creek @ Kibby Rd, Dry Creek @ Wellsford Road, Duck Slough @ Gurr Rd, Duck Slough @ Hwy 99, Highline Canal @ Lombardy Rd, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road, Prairie Flower Drain @ Crows Landing Road, Cottonwood Creek @ Road 20	February, March, May, July, August	2005	17/Oct/2005	E. coli	Contact Growers in Watersheds	01/Feb/2006	31/Jan/2007	
					Design Bacterial ID Study	01/Mar/2006	01/Sep/2006	submitted QAPP on 9/1/06
					Perform Management Practices Survey	01/Jun/2006	31/Jan/2007	
					Implement Outreach/BMP Education	01/Sep/2006	Irrigation 2006 Workshop Series	Just prior to start of 2006 growing season, 6 workshops were held around the coalition region
					Evaluation Report	17/Oct/2006	31/Oct/2007	Requested Extension 12/23/2006
					Perform Bacterial ID Study	Irrigation Season 2006	22/Aug/2006	Initiated sampling on 8/22/06; due date for results Jan 15, 2007
Dry Creek @ Wellsford Road, Dry Creek @ Road 18, Highline Canal @ Lombardy Ave, Jones Drain @ Oakdale Road, Merced River @ Santa Fe Dr	May	2005	06/Dec/2005	pH	Evaluation Report	06/Dec/2006	31/Dec/2007	Requested Extension 12/23/2006
Ash Slough @ Ave 21, Duck Slough @ Gurr Road, Jones Drain @ Oakdale Road, Prairie Flower Drain @ Crows Landing Road, Hilmar Drain @ Central Ave, Dry Creek @ Wellsford Road, Cottonwood Creek @ Road 20, Dry Creek @ Road 18	July, August, September	2005	21/Dec/2005	E. coli	Contact Growers in Watersheds	01/Feb/2006	31/Jan/2007	
					Design Bacterial ID Study	01/Mar/2006	01/Sep/2006	submitted QAPP on 9/1/06
					Perform Management Practices Survey	01/Jun/2006	31/Jan/2007	

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Implement outreach/BMP education	01/Sep/2006	Irrigation 2006 Workshop Series	
					Evaluation Report	21/Dec/2006	31/Oct/2007	Requested Extension 12/23/2006
					Perform Bacterial ID Study	Irrigation Season 2006	22/Aug/2006	Initiated sampling on 8/22/06; due date for results Jan 15, 2007
Duck Slough @ Gurr Road, Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road, Highline Canal @ Hwy 99	September	2005	22/Dec/2005	Sediment Toxicity	Identify potential sources	28/Feb/2006	30/Jun/2006	Potential sources identified included in CR
					Obtain Pesticide Use Reports	28/Feb/2006	30/Jun/2006	PURs received and included in June SAMR 2006
					Implement outreach/BMP education	30/Mar/2006	Irrigation 2006 Workshop Series	
					Perform Management Practices Survey	30/Mar/2006	28/Feb/2007	Surveys mailed 10/13/06
					Evaluation Report	01/Dec/2006	31/Oct/2007	Requested Extension 12/23/2006
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	July, August, September	2005	22/Dec/2005	TDS	Develop TDS experimental design and QAPP	01/Apr/2006	16/Nov/2006	
					Conduct field measurements of TDS, EC for the study of relative contributions	30/Aug/2006	30/Sep/2007	

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Evaluation Report	01/Dec/2006	31/Dec/2007	Requested Extension 12/23/2006
					Implement outreach/BMP education	01/Dec/2006	30/Jul/2007	
					Submission of report to the Regional Board	01/Dec/2006	16/Nov/2006	Submitted study design
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	March	2006	27/Apr/2006	EC and pH	Design TDS Study	31/May/2006	16/Nov/2006	
					Perform Management Practices Survey	30/Jun/2006	31/Jan/2007	
					Perform TDS Source Study	31/Aug/2006	30/Sep/2007	changed to 6/30/07
					Contact Growers in Watersheds	28/Feb/2007		
					Evaluation Report	27/Apr/2007	31/Dec/2007	Requested Extension 12/23/2006
					Implement Outreach/BMP Education	30/Jun/2007		
					Evaluation of BMP Effectiveness	30/Jun/2008		
Ash Slough @ Ave 21, Duck Slough @ Gurr Road, Highline Canal @ Hwy 99, Cottonwood Creek @ Road 20	February, March	2006	15/May/2006	Water Column Toxicity	Contact Growers in Watersheds	30/Sep/2006	13/Dec/2006, 15/Dec/2006	Annual meetings held Nov and Dec 2006
					Receive and evaluate PUR	30/Sep/2006	31/Dec/2006	PURs received
					Implement Outreach/BMP Education	31/Dec/2006	25/Oct/2006, 31/Oct/2006	Just prior to start of growing season 6 workshops were held around the coalition region

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007	Surveys mailed to growers 10/13/06 and handed out at all meetings
					Evaluation Report	30/Jun/2007	31/Oct/2007	Requested Extension 12/23/2006
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	March	2006	21/May/2006	EC and pH	Design TDS Study	31/May/2006	16/Nov/2006	submitted study design on 11/16/06
					Perform TDS Source Study	31/Aug/2006	30/Sep/2007	changed to 6/30/07
					Contact Growers in Watersheds	28/Feb/2007		
					Perform Management Practices Survey	30/Apr/2007		
					Evaluation Report	21/May/2007	31/Dec/2007	Requested Extension 12/23/2006
					Implement Outreach/BMP Education	30/Jun/2007		
					Evaluation of BMP Effectiveness	30/Jun/2008		
Ash Slough @ Ave 21, Cottonwood Creek @ Road 20, Dry Creek @ Wellsford Road, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road, Merced River @ Santa Fe, Prairie Flower Drain @ Crows Landing Road	February, March	2006	25/May/2006	E. coli and TDS	Perform Bacterial ID Study	31/Aug/2006	22/Aug/2006	Initiated sampling on 8/22/06; due date for results Jan 15, 2007
					Perform TDS Source Study	31/Aug/2006	30/Sep/2007	changed to 6/30/07
					Contact Growers in Watersheds	31/Dec/2006	11/Oct/2006, 31/Jan/2007	
					Implement Outreach/BMP Education	31/Dec/2006	25/Oct/2006, 28/Feb/2007	

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Evaluation Report	01/Dec/2007	E. coli 31/Oct/2007, TDS 31/Dec/2007	Requested Extension 12/23/2006
Highline Canal @ Hwy 99, Highline Canal @ Lombardy Rd	March	2006	25/May/2006	Chlorpyrifos	Contact Growers in Watersheds	31/Dec/2006	11/Oct/2006	
					Implement Outreach/BMP Education	31/Dec/2006	25/Oct/2006, 31/Oct/2006, 13/Dec/2006, 15/Dec/2006	
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007	
					Evaluation Report	30/Jun/2007	31/Oct/2007	Requested Extension 12/23/2006
Duck Slough @ Gurr Rd, Highline Canal @ Hwy 99, Highline Canal @ Lombardy Rd, Hilmar Drain @ Central Ave, Merced River @ Santa Fe, Prairie Flower Drain @ Crows Landing Road	March	2006	25/May/2006	Water Column Toxicity	Receive and evaluate PUR	30/Sep/2006	31/Dec/2006	PURs have been received
					Contact Growers in Watersheds	30/Mar/2007	13/Oct/2006	
					Implement Outreach/BMP Education	30/Mar/2007	25/Oct/2006, 31/Oct/2006, 13/Dec/2006, 15/Dec/2006	Meetings held 10/25, 10/31, and scheduled for 12/13 - 12/15
					Perform Management Practices Survey	30/Mar/2007	28/Feb/2007	Surveys mailed to growers 10/13/06 and handed out at all meetings
					Evaluation Report	30/Jun/2007	31/Oct/2007	Requested Extension 12/23/2006

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	March	2006	01/Jun/2006	EC	Design TDS Study	31/May/2006	16/Nov/2006	submitted study design on 11/16/06
					Perform TDS Source Study	31/Aug/2006	30/Sep/2007	changed to 6/30/07
					Contact Growers in Watersheds	28/Feb/2007		
					Perform Management Practices Survey	30/Apr/2007		
					Implement Outreach/BMP Education	30/Jun/2007		
					Evaluation of BMP Effectiveness	30/Jun/2008		
Ash Slough @ Ave 21	March	2006	16/Jun/2006	Chlorpyrifos	Contact Growers in Watersheds	30/Sep/2006	13/Oct/2006	
					Receive and evaluate PUR	30/Sep/2006	31/Dec/2006	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Implement Outreach/BMP Education	31/Dec/2006	25/Oct/2006, 31/Oct/2006, 13/Dec/2006, 15/Dec/2006	Meetings held 10/25, 10/31, and scheduled for 12/13 - 12/15
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007	Surveys mailed to growers 10/13/06 and handed out at all meetings

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Evaluation Report	30/Jun/2007	31/Oct/2007	Requested Extension 12/23/2006
Bear Creek @ Kibby Rd, Cottonwood Creek @ Road 20, Dry Creek @ Wellsford Road, Duck Slough @ Gurr Rd, Duck Slough @ Hwy 99, Highline Canal @ Hwy 99, Highline Canal @ Lombardy Rd, Prairie Flower Drain @ Crows Landing Road	March	2006	21/Jun/2006	E. coli	Contact Growers in Watersheds	28/Feb/2006	31/Jan/2007	
					Perform Management Practices Survey	30/Mar/2006	31/Jan/2007	
					Perform Bacterial ID Study	31/Aug/2006	22/Aug/2006	Initiated sampling on 8/22/06; due date for results Jan 15, 2007
					Implement Outreach/BMP Education	30/Sep/2006	Irrigation 2006 Workshop Series	
					Evaluation Report	01/Dec/2007	31/Oct/2007	Requested Extension 12/23/2006
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	March	2006	21/Jun/2006	TDS	Design TDS Study	30/Jun/2006	16/Nov/2006	submitted study design on 11/16/06
					Perform Management Practices Survey	30/Jun/2006	31/Jan/2007	
					Perform TDS Source Study	31/Aug/2006	30/Sep/2007	changed to 6/30/07
					Contact Growers in Watersheds	28/Feb/2007		
					Implement Outreach/BMP Education	30/Jun/2007		
					Evaluation of BMP Effectiveness	30/Jun/2008		

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Highline Canal @ Lombardy Rd, Hilmar Drain @ Central Ave, Duck Slough @ Gurr Road, Prairie Flower Drain @ Crows Landing Road, Duck Slough @ Pioneer Road	May	2006	05/Jul/2006	EC and pH	Evaluation Report	24/Jul/2007	31/Dec/2007	Requested Extension 12/23/2006
Bear Creek @ Kibby Road, Duck Slough @ Pioneer Road	May	2006	28/Jul/2006	Water Column Toxicity	Receive and evaluate PUR	30/Sep/2006	30/Mar/2007	PURs have been received
					Contact Growers in Watersheds	30/Oct/2006	13/Oct/2006	
					Perform Management Practices Survey	30/Oct/2006	28/Feb/2007	Surveys mailed to growers 10/13/06 and handed out at all Coalition meetings in the region
					Implement Outreach/BMP Education	31/Dec/2006	25/Oct/2006	Meetings held 10/25, 10/31, and 12/12 - 12/13
					Evaluation Report	30/Jun/2007	31/Oct/2007	Requested Extension 12/23/2006
Dry Creek @ Road 18, Highline Canal @ Lombardy Rd, Prairie Flower Drain @ Crows Landing Road	May	2006	16/Aug/2006	Sediment Toxicity	Obtain Pesticide Use Reports	30/Sep/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Evaluate Pesticide Use and Map Potential Sources	31/Oct/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Implement outreach/BMP education	31/Mar/2007		
					Evaluation Report	30/Sep/2007	31/Oct/2007	Requested Extension 12/23/2006
Bear Creek @ Kibby Road, Prairie Flower Drain @ Crows Landing Road	June	2006	16/Aug/2006	EC and pH	Proposed EC Isotopic Study to Identify Potential Sources	31/Dec/2006	16/Nov/2006	
					Evaluation Report	30/Aug/2007	31/Dec/2007	Requested Extension 12/23/2006
Deadman Creek @ Gurr Road, Highline Canal @ Lombardy Rd, Dry Creek @ Road 18	June	2006	24/Aug/2006	Water Column Toxicity	Contact Growers in Watersheds	30/Oct/2006	31/Jan/2007	
					Perform Management Practices Survey	30/Oct/2006	31/Jan/2007	

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Receive and evaluate PUR	30/Nov/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Implement Outreach/BMP Education	31/Dec/2006	25/Oct/2006, 28/Feb/2007	
					Evaluation Report	30/Jun/2007	31/Oct/2007	Requested Extension 12/23/2006
Bear Creek @ Kibby Rd, Mustang Creek @ East Avenue, Duck Slough @ Hwy 99, Black Rascal Creek @ Yosemite Road	May	2006	9/12/2006	Chlorpyrifos	Obtain Pesticide Use Reports	30/Sep/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Contact Growers in Watersheds	01/Nov/2006	13/Oct/2006	
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	Surveys mailed to growers 10/13/06 and handed out at all meetings

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Implement outreach/BMP education	30/Apr/2007	25/Oct/2006, 31/Oct/2006, 13/Dec/2006, 15/Dec/2006	Meetings held 10/25, 10/31, and scheduled for 12/13 - 12/15
					Evaluation Report	30/Sep/2007	31/Oct/2007	Requested Extension 12/23/2006
Ash Slough @ Ave 21, Cottonwood Creek @ Road 20, Dry Creek @ Road 18, Jones Drain @ Oakdale Road	May	2006	9/12/2006	Copper	Obtain Pesticide Use Reports	31/Oct/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Contact Growers in Watersheds	01/Nov/2006	31/Jan/2007	
					Perform Management Practices Survey	31/Dec/2006	28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		
					Evaluation Report	30/Sep/2007	31/Oct/2007	Requested Extension 12/23/2006
Black Rascal Creek @ Yosemite Road, Dry Creek @ Road 18, Dry Creek @ Wellsford Road, Duck Slough @ Gurr Rd, Duck Slough @ Hwy 99, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road, Mustang Creek @ East Avenue, Prairie Flower Drain @ Crows Landing Road, Silva	May	2006	9/12/2006	E. coli and TDS	Contact Growers in Watersheds	01/Nov/2006	31/Jan/2007	
					Perform bacterial ID Study	31/Dec/2006	22/Aug/2006	Initiated sampling on 8/22/06; due date for results Jan 15, 2007

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Drain @ Meadow Drive					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		
					Perform TDS Source Study	30/Jun/2007	30/Sep/2007	
					Evaluation Report	30/Oct/2007	E. coli 31/Oct/2007, TDS 31/Dec/2007	Requested Extension 12/23/2006
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	July	2006	9/15/2006	EC and pH	Proposed EC Isotopic Study to Identify Potential Sources	31/Dec/2006	16/Nov/2006	
					Evaluation Report	30/Sep/2007	31/Dec/2007	Requested Extension 12/23/2006
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	July	2006	9/22/2006	toxicity	Contact Growers in Watersheds	30/Oct/2006	31/Jan/2007	
					Perform Management Practices Survey	30/Oct/2006	31/Jan/2007	
					Receive and Evaluate PUR	30/Nov/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Implement Outreach/BMP Education	31/Dec/2006	28/Feb/2007	

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Evaluation Report	30/Aug/2007	31/Oct/2007	Requested Extension 12/23/2006
Prairie Flower Drain @ Crows Landing Road	July	2006	10/2/2006	water toxicity	Contact Growers in Watersheds	30/Nov/2006	31/Jan/2007	
					Perform Management Practices Survey	30/Nov/2006	31/Jan/2007	
					Implement Outreach/BMP Education	31/Mar/2007		
					Evaluation Report	30/Sep/2007	31/Oct/2007	Requested Extension 12/23/2006
Ash Slough @ Ave 21, Cottonwood Creek @ Road 20, Dry Creek @ Road 18, Duck Slough @ Gurr Rd, Jones Drain @ Oakdale Road	June	2006	10/4/2006	Copper	Obtain Pesticide Use Reports	31/Oct/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Contact Growers in Watersheds	01/Nov/2006	31/Jan/2007	
					Perform Management Practices Survey	31/Dec/2006	28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		
					Evaluation report	30/Oct/2007	31/Oct/2007	Requested Extension 12/23/2006

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Ash Slough @ Ave 21, Berenda Slough along Rd 18 1/2, Black Rascal Creek @ Yosemite Road, Deadman Creek @ Gurr Road, Duck Slough @ Gurr Rd, Duck Slough @ Hwy 99, Jones Drain @ Oakdale Road, Mustang Creek @ East Avenue, Prairie Flower Drain @ Crows Landing Road	June	2006	10/4/2006	E. coli/TDS	Contact Growers in Watersheds	01/Nov/2006	31/Jan/2007	
					Perform Bacterial ID Study	31/Dec/2006	22/Aug/2006	Initiated sampling on 8/22/06; due date for results Jan 15, 2007
					Perform TDS Source Study	30/Jun/2007	30/Sep/2007	
					Evaluation Report	30/Oct/2007	E. coli 31/Oct/2007, TDS 31/Dec/2007	Requested Extension 12/23/2006
					Implement outreach/BMP education	Oct-April 30, 2007	Ongoing	
					Perform Management Practices Survey	Oct-Dec 31, 2006	31/Jan/2007, 28/Feb/2007	
Prairie Flower Drain @ Crows Landing Road	July	2006	10/11/2006	EC	Proposed EC Isotopic Study to Identify Potential Sources	31/Dec/2006	16/Nov/2006	
Duck Slough @ Gurr Rd	June	2006	10/12/2006	thiobencarb	Contact Growers in Watersheds	01/Dec/2006	13/Oct/2006	
					Perform Management Practices Survey	31/Dec/2006	Will not perform, identified grower	
					Implement outreach/BMP education	30/Apr/2007	Will not perform, identified grower	
					Evaluation Report	30/Oct/2007	31/Oct/2007	Requested Extension 12/23/2006

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Mustang Creek @ East Avenue, Prairie Flower Drain @ Crows Landing Road	August	2006	10/17/2006	EC and DO	Conceptual EC Isotopic Study to Identify Potential Sources	15/Nov/2006	16/Nov/2006	submitted isotopic study design November 16, 2006
					Completion of Isotope EC Study	30/Sep/2007		
					Evaluation Report	01/Dec/2007	31/Dec/2007	Requested Extension 12/23/2006
Cottonwood Creek @ Road 20, Dry Creek @ Road 18, Duck Slough @ Gurr Rd, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road	July	2006	10/27/2006	Cu and Pb	Contact Growers in Watersheds	01/Dec/2006	31/Jan/2007	
					Obtain Pesticide Use Reports	31/Dec/2006	31/Jan/2006	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May. No use reports available for Lead.
					Perform Management Practices Survey	31/Dec/2006	28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		
					Perform lead sampling above Highway 99	31/Jul/2007		
					Evaluation report	30/Oct/2007	31/Oct/2007	Requested Extension 12/23/2006

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Deadman Creek @ Gurr Road, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road, Prairie Flower Drain @ Crows Landing Road, Silva Drain @ Meadow Drive, South Slough @ Quinley Road	July	2006	10/27/2006	E. coli/TDS	Contact Growers in Watersheds	01/Nov/2006	31/Jan/2007	
					Submit TDS Source Study for Review	15/Nov/2006	16/Nov/2006	
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Final Report on Bacterial ID Study	15/Jan/2007		
					Perform TDS Source Study	30/Jun/2007	30/Sep/2007	
					Evaluation Report	30/Oct/2007	E. coli 31/Oct/2007, TDS 31/Dec/2007	Requested Extension 12/23/2006
					Implement outreach/BMP education	Oct-April 30, 2007	Ongoing	
Berenda Slough along Rd 18 1/2, Dry Creek @ Road 18, Dry Creek @ Wellsford Road, Hilmar Drain @ Central Ave, Silva Drain @ Meadow Drive	July	2006	11/1/2006	chlorpyrifos	Obtain Pesticide Use Reports	10/Nov/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		
					Evaluation Report	30/Oct/2007	31/Oct/2007	Requested Extension 12/23/2006

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Contact Growers in Watersheds	Completed		
Dutchman Creek @ Gurr Road, Prairie Flower Drain @ Crows Landing Road, Duck Slough @ Gurr Rd, Cottonwood Creek @ Road 20	August	2006	11/1/2006	DO	Analysis of BOD data received on October 19, 2006	30/Nov/2006	11/Dec/2006	
Prairie Flower Drain @ Crows Landing Road	August	2006	11/1/2006	EC	Conceptual EC Isotopic Study to Identify Potential Sources	15/Nov/2006	16/Nov/2006	submitted isotopic study design November 16, 2006
					Completion of Isotope EC Study	30/Sep/2007		
Bear Creek along South Bear Creek Drive, Cottonwood Creek @ Avenue 15, Dry Creek @ Waterford, Dutchman Creek along Sandy Mush Road, Dutchman Creek @ Minturn, Prairie Flower Drain @ Morgan Road	August	2006	11/7/2006	DO	Analysis of BOD data received on October 17, 2006	30/Nov/2006	11/Dec/2006	
Highline Canal @ Hwy 99, Silva Drain @ Meadow Drive	August	2006	11/13/2006	Sediment Toxicity	Obtain Pesticide Use Reports	20/Nov/2006	28/Feb/2006	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Evaluate Pesticide Use and Map Potential Sources	31/Dec/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Implement Outreach/BMP Education	30/Apr/2007		
					Evaluation Report	30/Oct/2007	31/Oct/2007	Requested Extension 12/23/2006
Cottonwood Creek @ Road 20, Dry Creek @ Road 18, Duck Slough @ Hwy 99, Jones Drain @ Oakdale Road	August	2006	11/15/2006	Copper	Obtain Pesticide Use Reports	30/Nov/2006	30/Mar/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May.
					Perform Management Practices Survey	31/Dec/2006	28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Evaluation Report	30/Oct/2007	31/Oct/2007	Requested Extension 12/23/2006
					Contact Growers in Watersheds	Completed		
Deadman Creek @ Gurr Road, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road, Mustang Creek @ East Avenue, Prairie Flower Drain @ Crows Landing Road, Silva Drain @ Meadow Drive, South Slough @ Quinley Road	August	2006	11/15/2006	E. coli/TDS	Submit TDS Source Study for Review	15/Nov/2006	16/Nov/2006	
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Final Report on Bacterial ID Study	15/Jan/2007		
					Perform TDS Source Study	30/Jun/2007	30/Sep/2007	
					Evaluation Report	30/Oct/2007	E. coli 31/Oct/2007, TDS 31/Dec/2007	Requested Extension 12/23/2006
					Contact Growers in Watersheds	Completed		
					Implement outreach/BMP education	Present-April 30, 2007	25/Oct/2006, 30/Apr/2007	
Hilmar Drain @ Central Ave, Prairie Flower Drain @ Crows Landing Road	September	2006	11/17/2006	EC	Completion of Isotope EC Study	30/Sep/2007		
					Conceptual EC Isotopic Study to Identify Potential Sources	Completed	16/Nov/2006	submitted isotopic study design November 16, 2006

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Deadman Creek @ Highway 59, Deadman Creek @ Gurr Road, Dry Creek @ Wellsford Road, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road, Mustang Creek @ East Avenue, Prairie Flower Drain @ Crows Landing Road, Silva Drain @ Meadow Drive	August	2006	12/12/2006	DDD, Chlorpyrifos, Malathion, Bifenthrin	Receive and Evaluate PUR	31/Dec/2006	31/Jan/2007	PURs requested, PURs received for inclusion into December 2006 SAMR Merced – May through June; Madera – May through June; Stanislaus – only May. No registered Products with DDD.
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Contact Growers in Watersheds	Completed	12/Dec/2006	Reported completed in Communication Report 12/12/2006
					Implement outreach/BMP education	30/Apr/2007		
					Evaluation Report	01/Dec/2007	31/Oct/2007	Requested Extension 12/23/2006
Silva Drain @ Meadow Drive	August	2006	25/Oct/2006	Toxicity	Evaluation Report	31/Aug/2007	31/Oct/2007	Requested Extension 12/23/2006
					Receive and Evaluate PUR	31/Jan/2007		
					Contact Growers in Watersheds	Completed	25/Oct/2006	Reported completed in Communication Report 25/Oct/2006

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
					Perform Management Practices Survey	31/Oct/2006	31/Jan/2007, 28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		
Berenda Slough along Rd 18 1/2, Dry Creek @ Wellsford Road, Highline Canal @ Hwy 99, Highline Canal @ Lombardy Rd	September	2006	27/Nov/2006	Toxicity	Evaluation Report	30/Oct/2007	31/Oct/2007	Requested Extension 12/23/2006
					Receive and Evaluate PUR	31/Dec/2006	31/Jan/2007	
					Contact Growers in Watersheds	Completed	27/Nov/2006	Reported completed in Communication Report 27/Nov/2006
					Perform Management Practices Survey	31/Dec/2006	31/Jan/2007, 28/Feb/2007	
					Implement outreach/BMP education	30/Apr/2007		
Deadman Creek @ Highway 59, Deadman Creek @ Gurr Road, Jones Drain @ Oakdale Road	September	2006	27/Dec/2006	DDT and Chlorpyrifos	Perform Management Practices Survey	31/Dec/2006	28/Feb/2007	Surveys handed out at meetings held December 12-14, and will also be mailed with Annual Report.
					Obtain Pesticide Use Reports	31/Jan/2007		
					Contact Growers in Watersheds	31/Jan/2007		
					Outreach/BMP Education	30/Apr/2007		
					Evaluation Report	30/Oct/2007		

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Ash Slough @ Ave 21, Cottonwood Creek @ Road 20, Dry Creek @ Road 18, Duck Slough @ Hwy 99, Jones Drain @ Oakdale Road	September	2006	27/Dec/2006	Copper	Obtain Pesticide Use Reports	31/Jan/2007		
					Contact Growers in Watersheds	31/Jan/2007		
					Perform Management Practices Survey	31/Jan/2007		
					Outreach/BMP Education	30/Apr/2007		
					Evaluation Report	31/Dec/2007		
Deadman Creek @ Gurr Road, Dry Creek @ Wellsford Road, Duck Slough @ Hwy 99, Hilmar Drain @ Central Ave, Jones Drain @ Oakdale Road, Prairie Flower Drain @ Crows Landing Road	September	2006	27/Dec/2006	E. coli and TDS	Submit TDS Source Study for Review	15/Nov/2006	16/Nov/2006	narrative included in this CR reiterating submittal of study design completion
					Perform Management Practices Survey	31/Dec/2006	28/Feb/2007	Surveys handed out at meetings held December 12-14, and will also be mailed with Annual Report.
					Final Report on Bacterial ID Study	15/Jan/2007		
					Contact Growers in Watersheds	31/Jan/2007		
					Outreach/BMP Education	30/Apr/2007		
					Perform TDS Source Study	30/Sep/2007		
					Evaluation Report	30/Oct/2007		
Dry Creek @ Road 18, Duck Slough @ Hwy 99, Highline Canal @ Lombardy Rd, Jones	September	2006	27/Dec/2006	Lead	Contact Growers in Watersheds	31/Jan/2007		

Station Name	Month	Year	Communication Report Date	Exceedance	Action Promised	Anticipated Completion Date	Actual Completion Date	Actions Completed to Date
Drain @ Oakdale Road					Perform Management Practices Survey	31/Jan/2007		
					Outreach/BMP Education	30/Apr/2007		
					Complete lead sampling for isotopic analysis	30/Sep/2007		
					Evaluation Report	31/Dec/2007		
Ash Slough @ Avenue 21	September	2006	27/Dec/2006	Selenium	Contact Growers in Watersheds	31/Jan/2007		
					Perform Management Practices Survey	31/Jan/2007		
					Outreach/BMP Education	30/Apr/2007		
					Evaluation Report	31/Dec/2007		
Dry Creek @ Road 18, Highline Canal @ Lombardy Rd	September	2006	27/Dec/2006	Zinc	Obtain Pesticide Use Reports	31/Jan/2007		
					Contact Growers in Watersheds	31/Jan/2007		
					Perform Management Practices Survey	31/Jan/2007		
					Outreach/BMP Education	30/Apr/2007		
					Evaluation Report	31/Dec/2007		

January 19, 2007

East San Joaquin Water Quality Coalition

SEMI-ANNUAL MONITORING REPORT IRRIGATION 2006

(Part III)

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EXCEEDANCE, COMMUNICATION, AND EVALUATION REPORTS

Exceedance Reports

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, May 19, 2006 9:17 AM

To: 'Dana Kulesza'

Cc: parryk@comcast.net; 'Melissa Turner'; 'Francisca Johnson';
mbjohnson@ucdavis.edu

Subject: exceedance report

Attachments: ESJWQC Field Exceedances Irrigation1 06.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. From May 16-18 sampling was conducted in the ESJWQC region for the first irrigation season monitoring event. On May 17 the ESJWQC reported two pH exceedances: one for Duck Slough @ Gurr Rd and the other for Duck Slough @ Pioneer Rd. On May 18, an exceedance of EC was recorded at Prairie Flower Drain @ Crows Landing Road. The exceedances were reported to us on May 18. A table with the values is attached to this exceedance report. If you wish to see the raw data prior to the submission of the report, we will be receiving the field sheets as pdfs from the lab shortly.
- b. We are not conducting specific follow-up sampling on these exceedances. Both pH exceedances are only slightly outside of the range, and the exceedance at the Pioneer Road site is within the level of instrument error from the 8.5 upper value of the objective. Also, as discussed in previous communication reports on pH exceedances, pH is a function of photosynthetic rate and CO₂ utilization in the water. pH is expected to vary across a day, and as a result of normal diel changes could exceed the 8.5 objective. As we have stated several times previously, exceedances of EC are normal for Prairie Flower Drain and we expect that the majority of the monitoring events will result in an exceedance. We are designing a study to determine the sources of EC in the watershed and as soon as that design is finalized, we will provide that to the Regional Board.
- c. We will be submitting a Communication Report on this Exceedance by July 22, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

ESJWQC field exceedances from 2006 Irrigation1 sampling on May 17-18, 2006.

Site Name	Season	Sampling Date	DO	pH	EC
Duck Slough @ Gurr Rd	Irrigation1	5/17/2006		8.6	
Duck Slough @ Pioneer Rd	Irrigation1	5/17/2006		8.51	
Prairie Flower Drain @ Crows Landing Rd	Irrigation1	5/18/2006			2958

This table is also provided as an attachment to the exceedance report.

From: Michael L. Johnson [mbjohnson@ucdavis.edu]

Sent: Thursday, May 25, 2006 10:30 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Francisca Johnson';
mbjohnson@ucdavis.edu

Subject: exceedance report

Attachments: Table 1.doc; Table 2a.doc; Table 2b.doc; Table 3a.doc; Table 3b.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On May 17, 2006 sampling for water column toxicity was conducted in the ESJWQC region for the first irrigation season event. We received the results of those tests on May 25, 2006. Tests on the water collected on May 17 from Duck Slough @ Pioneer Road and Bear Creek @ Kibby Road were toxic to *Ceriodaphnia*. A table of results is attached to this email (Table 1).
- b. Sampling crews were to collect water for persistence sampling on May 25, 2006. Those tests should be initiated on May 26, 2006.
- c. Because there was complete mortality in the sample within 24 hours, dilution series tests were performed. The results of those tests are provided in Tables 2a and 2b attached to this email. In addition, because the toxicity was observed so early into the test, we were able to initiate and completed TIEs on the two samples. Those results are attached as Tables 3a and 3b. We will be submitting a Communication Report on this Exceedance by July 31, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Results of toxicity testing for the first irrigation event. Only the two sites that experienced toxicity are included in the table.

Site ID	Test Start Date	Species	% Survival	Toxicity (Y/N)
10-CD-LWControl-02	5/17/2006	<i>Ceriodaphnia dubia</i>	100	N/A
10-535XDSAPR-GR	5/18/2006	<i>Ceriodaphnia dubia</i>	0	Y
10-535XBCAKR-GR	5/18/2006	<i>Ceriodaphnia dubia</i>	0	Y

Table 2a. Results of the dilution series for the sample collected at Duck Slough @ Pioneer Road.

Sample/Treatment ID	Test Start Date	Species	Concentration	% Survival	Toxicity (Y/N)	Notes
10-CD-LWControl-01	5/19/2006	<i>Ceriodaphnia dubia</i>	Control	100	N/A	EC50 = 30.8% sample, resulting in 3.2 acute toxic units
10-535XDSAPR-GR	5/20/2006	<i>Ceriodaphnia dubia</i>	6.25%	100	N	
10-535XDSAPR-GR	5/21/2006	<i>Ceriodaphnia dubia</i>	12.5%	100	N	
10-535XDSAPR-GR	5/22/2006	<i>Ceriodaphnia dubia</i>	25%	80	N	
10-535XDSAPR-GR	5/23/2006	<i>Ceriodaphnia dubia</i>	50%	0	Y	
10-535XDSAPR-GR	5/24/2006	<i>Ceriodaphnia dubia</i>	100%	0	Y	

Table 2b. Results of dilution series tests for samples collected at Bear Creek @ Kibby Road.

Sample/Treatment ID	Test Start Date	Species	Concentration	% Survival	Toxicity (Y/N)	Notes
10-CD-LWControl-01	5/19/2006	<i>Ceriodaphnia dubia</i>	Control	100	N/A	EC50 = 9.8% sample, resulting in 10.2 acute toxic units
10-535XBCAKR-GR	5/20/2006	<i>Ceriodaphnia dubia</i>	6.25%	100	N	
10-535XBCAKR-GR	5/21/2006	<i>Ceriodaphnia dubia</i>	12.5%	15	Y	
10-535XBCAKR-GR	5/22/2006	<i>Ceriodaphnia dubia</i>	25%	0	Y	
10-535XBCAKR-GR	5/23/2006	<i>Ceriodaphnia dubia</i>	50%	0	Y	
10-535XBCAKR-GR	5/24/2006	<i>Ceriodaphnia dubia</i>	100%	0	Y	

Table 3a. Results of the TIE performed on the sample collected at Duck Slough @ Pioneer Road.

Sample/Treatment ID	Test Start Date	Treatment	Species	% Survival	Toxicity (Y/N)

10-535XDSAPR-GR	5/19/2006	Lab water control	<i>Ceriodaphnia dubia</i>	100	N/A
10-535XDSAPR-GR	5/19/2006	Centrifugation Blank	<i>Ceriodaphnia dubia</i>	100	N
10-535XDSAPR-GR	5/19/2006	C18 SPE Blank	<i>Ceriodaphnia dubia</i>	100	N
10-535XDSAPR-GR	5/19/2006	PBO Blank	<i>Ceriodaphnia dubia</i>	100	N
10-535XDSAPR-GR	5/19/2006	100% Baseline sample	<i>Ceriodaphnia dubia</i>	0	Y
10-535XDSAPR-GR	5/19/2006	Centrifugation-treated	<i>Ceriodaphnia dubia</i>	0	Y
10-535XDSAPR-GR	5/19/2006	C18 SPE-treated	<i>Ceriodaphnia dubia</i>	95	N
10-535XDSAPR-GR	5/19/2006	PBO-treated	<i>Ceriodaphnia dubia</i>	5	Y

No blank interference was present in any of the TIE treatments. There was toxicity in the 100% Baseline treatment (untreated DSAPR sample), indicating that the toxicity was persistent. Centrifugation did not remove the toxicity, which suggests that particulate associated contaminants were not responsible for the toxicity. The C18SPE treatment removed the toxicity, indicating that a non-polar organic compound was likely responsible for the toxicity. The PBO treatment reduced the toxicity through 48 hours of testing, suggesting that a metabolically-activated substance was at least partially involved in the toxicity.

Table 3b. Results of the TIE for Bear Creek @ Kibby Road.

Sample/Treatment ID	Test Start Date	Treatment	Species	% Survival	Toxicity (Y/N)
10-535XBCAKR-GR	5/19/2006	Lab water control	<i>Ceriodaphnia dubia</i>	100	N/A
10-535XBCAKR-GR	5/19/2006	Centrifugation Blank	<i>Ceriodaphnia dubia</i>	100	N
10-535XBCAKR-GR	5/19/2006	C18 SPE Blank	<i>Ceriodaphnia dubia</i>	100	N
10-535XBCAKR-GR	5/19/2006	PBO Blank	<i>Ceriodaphnia dubia</i>	100	N
10-535XBCAKR-GR	5/19/2006	100% Baseline sample	<i>Ceriodaphnia dubia</i>	0	Y
10-535XBCAKR-	5/19/2006	Centrifugation-	<i>Ceriodaphnia</i>	0	Y

GR		treated	<i>dubia</i>		
10-535XBCAKR-GR	5/19/2006	C18 SPE-treated	<i>Ceriodaphnia dubia</i>	95	N
10-535XBCAKR-GR	5/19/2006	PBO-treated	<i>Ceriodaphnia dubia</i>	0	Y

No blank interference was present in any of the TIE treatments. There was toxicity in the 100% Baseline treatment (untreated BCAKR sample), indicating that the toxicity that had been previously observed in this sample was persistent. Centrifugation did not remove the toxicity, which suggests that particulate associated contaminants were not responsible for the toxicity. The C18SPE treatment removed the toxicity, indicating that a non-polar organic compound was likely responsible for the toxicity. The PBO treatment reduced the toxicity through 24 hours of testing, suggesting that a metabolically-activated substance was at least partially involved in the toxicity.

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Wednesday, June 14, 2006 3:45 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Francisca Johnson'; kristacallinan@gmail.com; mbjohnson@ucdavis.edu

Subject: exceedance report

Attachments: ESJWQC_exceedance_field_061306.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- d. On June 13, 2006 sampling was conducted in the ESJWQC region for the second irrigation season sampling. An exceedance of the receiving water limitation for pH was experienced at Bear Creek @ Kibby Road (pH = 8.69). The raw data for the analyses will be included in the semi-annual report submitted June 30, 2006. A table of results is attached.
- e. Immediate follow-up sampling will not be conducted.
- f. pH exceedances occur occasionally throughout the Coalition region. Because the causes of pH change in the water column are linked to photosynthesis and productivity by vascular and nonvascular plants, we would need to address the issue of diel productivity and the drivers for photosynthetic rate. We have initiated sampling for nutrients this irrigation season, and hope to use those data to better understand the potential of the system to generate pH exceedances. However, we are unable to determine how to identify sources of pH exceedances at this time. We will be submitting a Communication Report on this Exceedance by August 16, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

ESJWQC field exceedances from samples collected during the second irrigation sampling (Irrigation 2) on June 13, 2006.

Site	Season	Sampling Date	pH
Bear Creek @ Kibby Rd	Irrigation2	6/13/2006	8.69

From: Michael L. Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, June 16, 2006 3:23 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; johnsonfrancisca@sbcglobal.net; 'Krista Callinan'; mbjohnson@ucdavis.edu

Subject: EC exceedance report

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- g. On June 14, 2006 sampling was conducted in the ESJWQC region for the second irrigation season sampling. An exceedance of the receiving water limitation for EC was experienced at Prairie Flower Drain @ Crows Landing Road (EC = 2660 μ S/cm). The raw data for the analyses will be included in the semi-annual report submitted June 30, 2006.
- h. Immediate follow-up sampling will not be conducted.
- i. The EC exceedances are a continuing issue at both the Prairie Flower Drain and Hilmar Drain, although no exceedance of EC was experienced at Hilmar Drain during this sampling event. The Coalition is currently designing a study to determine the source of the EC/TDS and will submit that design as soon as possible. We had hoped to finalize the design by April 1, 2006 but contracting with the stable isotope laboratory has been slower than anticipated. We believe that we have those issues solved and can proceed with the submission of the design. We will be submitting a Communication Report on this Exceedance by August 17, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

From: Michael Johnson [mailto:mbjohnson@ucdavis.edu]

Sent: Wednesday, June 21, 2006 5:47 PM

To: 'Dana Kulesza'

Subject: exceedance report for water column toxicity

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On June 13 - 15, 2006 sampling was conducted in the ESJWQC region for the second irrigation sampling event. We received the data from the laboratory yesterday, June 21, 2006. Significant toxicity to Ceriodaphnia was found at Highline Canal @ Lombardy Road, and significant toxicity to Pimephales was found at Deadman's Creek @ Gurr Rd. Ceriodaphnia survival was 65% and Pimephales survival was 87.5%. Survival in the controls for the tests was not provided by the laboratory. In addition, the laboratory indicated that in 4 tests initiated on June 15, 2006, the test acceptability criteria were not met and the samples are being retested. None of the four samples were considered toxic during the first test, but if the re-test indicates toxicity is present, re-sampling will be conducted. The results were reported to us via email, and the laboratory has not yet provided any data for these tests.
- b. The lab states that they will be re-sampling the sites, most probably on June 22, 2006. Because the reduction in survival did not reach the TIE trigger, no TIEs will be performed.
- c. Pending our review of our source identification strategy, we are requesting Pesticide Use Reports for the watersheds in which these exceedances were found. We also expect to receive the water chemistry data in the next few weeks. We should be able to identify the chemical(s) responsible for the toxicity and determine the locations of application. We will be submitting a Communication Report on this Exceedance by August 23, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Tuesday, June 27, 2006 3:18 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Francisca Johnson';
kristacallinan@gmail.com; mbjohnson@ucdavis.edu

Subject: exceedance report

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a. Sampling was conducted in the ESJWQC region June 13-15, 2006, for the second irrigation event. Dry Creek @ Road 18 was sampled on June 13, 2006 and ambient water from this site has caused a significant reduction in *Ceriodaphnia* survival. The initial test did not indicate toxicity at the site. However, the initial test initiated June 14, 2006 did not meet test criteria due to control survival being less than 90% and a re-test was required. The results of the re-test initiated on June 19, 2006 indicated toxicity as the survival was 80% compared to the control survival of 100% (see attached table). A re-sample of the site was not conducted after the first test but will be conducted as soon as possible. The data report is not yet available from the laboratory.

b. We will conduct follow-up sampling as soon as possible within the next two days. The survival was not low enough to meet the TIE trigger and no TIE will be performed. We also will receive the chemistry data in the next several weeks to determine if there are sufficient chemicals in the water to cause toxicity. Finally, we will request the Pesticide Use Reports to determine the applications in the watershed during the period immediately prior to sampling.

c. We will submit a Communication Report on this Exceedance by August 24, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

ESJWQC Irrigation 2 sampling re-test toxicity results for samples collected on June 13, 2006 where the original test contained a control that did not have a survival greater than 90%.

Site Name	Sample Date	Original Test Start Date	Re-Test Start Date	Specie	% Survival	Toxicity (Y/N)	% Control Response	Notes
Dry Creek @ Road 18	6/13/2006	6/14/2006	6/19/2006	<i>Ceriodaphnia dubia</i>	80	Y	80	Original test control survival did not meet acceptability criteria of >90%

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Monday, July 10, 2006 1:19 PM

To: 'Dana Kulesza'

Cc: mbjohnson@ucdavis.edu; 'Francisca Johnson'; kristacallinan@gmail.com; 'Melissa Turner'; parryk@comcast.net

Subject: ESJ exceedance report- metals and physical parameters

Attachments: may 2006 ESJ physical and metals exceedances (2).doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On May 16-18, 2006 sampling was conducted in the ESJWQC region for the first irrigation season monitoring event. We received the data from the laboratory on July 6, 2006 and have been reviewing the results. Exceedances of receiving water limitations were experienced at several sites for E. coli, TDS, and copper. The exceedances are provided in Table 1 which accompanies this email.
- b. Follow-up sampling for the EC exceedances will not be conducted. The second irrigation season monitoring event occurred in June, and we will be conducting the third irrigation season event the week of July 10. The delay in receiving the data from the laboratories is a function of the expanded monitoring program and the addition of several new laboratories. We anticipate that the delays will be greatly reduced as we move through the irrigation season.
- c. We will be submitting a Communication Report on September 11, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Physical parameter and metals exceedances in the ESJWQC region for samples collected on May 16-18, 2006. Metals exceedances are based on the total recoverable Max Concentration 1-hr Average.

Site	<i>E. coli</i> (MPN/100mL)	TDS (mg/L)	Copper (µg/L)
Prairie Flower Drain @ Crows Landing Rd	550	1700	
Hilmar Drain @ Central Ave	≥2400		
Dry Creek @ Wellsford Rd	280		
Silva Drain @ Meadow Dr	1300		

Black Rascal Creek @ Yosemite Rd	≥2400	
Mustang Creek @ East Ave	≥2400	
Dry Creek @ Road 18	1600	4.3 (hardness = 16 mg/L)
Ash Slough @ Ave 21		4.8 (hardness = 22 mg/L)
Duck Slough @ Gurr Rd	2000	
Duck Slough @ Pioneer Rd	280	
Jones Drain @ Oakdale Rd	2400	12 (hardness = 36 mg/L)
Deadmans Creek @ Gurr Rd	1200	

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Tuesday, July 11, 2006 7:17 AM

To: 'Dana Kulesza'

Cc: mbjohnson@ucdavis.edu; 'Melissa Turner'; 'Francisca Johnson'; kristacallinan@gmail.com; parryk@comcast.net

Subject: ESJ exceedance report- pesticides

Attachments: ESJWQC_Organic_Exceedances_051706.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On May 16-18, 2006 sampling was conducted in the ESJWQC region for the first irrigation season monitoring event. We received the data from the laboratory on July 9, 2006 and have been reviewing the results. Exceedances of receiving water limitations were experienced at four sites for Chlorpyrifos. The exceedances are provided in Table 1 which accompanies this email.
- b. Follow-up sampling for the pesticide exceedances will not be conducted. The second irrigation season monitoring event occurred in June, and we will be conducting the third irrigation season event the week of July 10. The delay in receiving the data from the laboratories is a function of the expanded monitoring program and the addition of several new laboratories. We anticipate that the delays will be greatly reduced as we move through the irrigation season.
- c. We will be submitting a Communication Report on September 12, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1: Pesticide exceedances from the ESJWQC region for samples collected during Irrigation1 sampling from May 16-17, 2006.

Station Name	Sample Date	Chlorpyrifos (µg/L)
Duck Slough @ Hwy 99	17/May/2006	0.27
Bear Creek @ Kibby Rd	17/May/2006	0.52
Black Rascal Creek @ Yosemite Rd	18/May/2006	0.012 (DNQ)
Mustang Creek @ East Ave	18/May/2006	0.033

DNQ- detected but not quantifiable; between the reporting limit and minimum detection limit

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, July 14, 2006 5:00 PM

To: 'Dana Kulesza'

Cc: parryk@comcast.net; mbjohnson@ucdavis.edu; 'Francisca Johnson'; kristacallinan@gmail.com; 'Melissa Turner'

Subject: ESJWQC field exceedance report

Attachments: ESJWQC Field Exceedances Irrigation3 06.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On July 11-13, 2006, sampling was conducted in the ESJWQC region for the third irrigation season sampling. An exceedance of the receiving water limitation for EC was experienced at Prairie Flower Drain @ Crows Landing Road (EC = 1560 μ S/cm) and Hilmar Drain @ Central Ave (EC = 1096 μ S/cm) on July 13, 2006. There was also a pH exceedance of 8.85 experienced at Prairie Flower Drain @ Crows Landing Road (see attached table). If you wish to see the raw data prior to the submission of the communication report, we will be receiving the field sheets as pdfs from the lab shortly.
- b. Immediate follow-up sampling will not be conducted.
- c. As discussed in previous communication reports in regards to pH exceedances, pH is a function of photosynthetic rate and CO₂ utilization in the water. pH is expected to vary across a day, and as a result of normal diel changes, pH could exceed the 8.5 objective. The EC exceedances are a continuing issue at both the Prairie Flower Drain and Hilmar Drain. The Coalition is currently designing a study to determine the source of the EC/TDS and will submit that design as soon as possible. We had hoped to finalize the design by April 1, 2006 but contracting with the stable isotope laboratory has been slower than anticipated. We believe that we have those issues solved and can proceed with the submission of the design. We will be submitting a Communication Report on this Exceedance by September 15, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1: Field exceedances experienced in receiving waters sampled for the ESJWQC on July 11-13, 2006 during the third irrigation sampling of 2006.

Site Name	Sample Date	Season	pH	EC (μ S/cm)
Prairie Flower Drain @ Crows Landing Rd	7/13/06	Irrigation 3	8.85	1560
Hilmar Drain @ Central Ave	7/13/06	Irrigation 3		1096

From: Michael L. Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, July 21, 2006 3:43 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; 'Michael L. Johnson'

Attachments: ESJWQC_ER_watertox_irrigation3_13-July-06_table.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On July 13, 2006 sampling was conducted in the East San Joaquin Water Quality Coalition region for the third irrigation event of the season. Water was collected for analysis of toxicity and field parameters were measured. We are reporting exceedances for *Selenastrum* toxicity in the sample collected at Hilmar Drain at Central Avenue which showed 36% survival compared to the control and *Pimephales* toxicity found at Prairie Flower Drain at Crows Landing Road which showed 8% survival compared to the control (Table 1). Both samples experienced a significant reduction in growth/survival which was below 50% of the control response ambient water sample. The TIE tests for both samples are underway and results are pending. It should also be noted that elevated levels of ammonia (>10 mg/L) were detected in the sample taken from Prairie Flower Drain and a Zeolite treatment is being included in the Phase 1 TIE to remove any toxicity likely caused by such elevated levels of ammonia. We will include the raw data with the submission of the report.
- b. Follow-up sampling occurred on July 20, 2006. We are waiting for the results from the lab on those samples to indicate whether the toxicity is persistent at either of the sites.
- c. A Communication Report on these Exceedances will be submitted by September 22, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. ESJWQC toxicity exceedances from Irrigation3 sampling conducted on July 13, 2006.

Site	Season	Sampling Date	(% control)	
			<i>Pimephales</i> survival	<i>Selenastrum</i> growth
East San Joaquin Water Quality Coalition			December 2006 SAMR	

Prairie Flower Drain @ Crows Landing Rd	Irrigation3	7/13/2006	8	
Hilmar Drain @ Central Ave	Irrigation3	7/13/2006		36

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, July 28, 2006 5:08 PM

To: 'Dana Kulesza'; 'Wendy Cohen'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu

Subject: retransmission of exceedance report with minor change and table attached

Attachments: ESJWQC_ER_re-sample_watertox_table_irrigation3_072806.doc
Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a) On July 20, 2006 re-sampling was conducted in the East San Joaquin Water Quality Coalition region to test for the persistence of toxicity at Prairie Flower Drain @ Crows Landing Rd and at Hilmar Drain @ Central Ave for the third irrigation event of the season. During testing of the water collected for persistence, toxicity was experienced at Prairie Flower Drain @ Crows Landing Rd which showed 70% survival of Pimephales compared to the control (Table 1).

b) The persistence of the toxicity found at the Prairie Flower Drain has been documented and no follow up sampling will be conducted. Normal monthly sampling will occur on August 8 and 9, 2006.

c) We are requesting the Pesticide Use Reports for the Hilmar Drain subwatershed to determine the potential source(s) of the exceedance. A Communication Report on this exceedance will be submitted by October 2, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. ESJWQC toxicity exceedances from Irrigation3 re-sampling conducted on July 20, 2006.

Site	Season	Sampling Date	%Survival/%Control Pimephales
Prairie Flower Drain @ Crows Landing Rd	Irrigation3	7/20/2006	70

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Wednesday, August 02, 2006 9:27 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: exceedance report

Attachments: ESJWQC_ER_E.coli_metals_TDS_irrigation2_tbl_080106.doc
Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- d. On June 13 - 15, 2006, sampling was conducted in the ESJWQC region for the second irrigation season sampling. Exceedances of the receiving water limitations for several parameters were in the Coalition Region. Exceedances of the E. coli limitation were experienced at Duck Slough @ Gurr Road, Duck Slough @ Highway 99, Jones Drain @ Oakdale Road, Black Rascal Creek @ Yosemite Road, Prairie Flower Drain @ Crows Landing Road Mustang Creek @ East Ave, Berenda Slough @ Dairyland Road, Ash Slough @ Ave 21, and Deadman's Creek @ Gurr Road. There was an exceedance of the TDS limitation at Prairie Flower Drain @ Crows Landing Road. Based on hardness measurements, there were exceedances of the copper limitation at Duck Slough @ Gurr Road, Ash Slough @ Ave 21, Cottonwood Creek @ Road 20, and Dry Creek @ Road 18 (including a field duplicate from the site). All data are included in Table 1 attached to this report. All raw data are available as pdfs.
- e. Immediate follow-up sampling will not be conducted. We received the data Friday afternoon (July 28, 2006) and took two days to review and determine exceedances. Sampling for the July irrigation event took place on July 11-13, 2006, and we will sample again on August 8-10, 2006.
- f. For the E. coli exceedances, the Coalition is planning to sample for E. coli and DNA during August to determine the source of the DNA so we can implement the correct management measures. We will also be performing a TDS study to determine the source of the TDS. We are experiencing the initial exceedances for metals, and will be discussing our options in the coming weeks. We are requesting the Pesticide Use Reports to determine if copper in herbicides could have been applied causing the exceedances. We will be submitting a Communication Report on this Exceedance by October 4, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Exceedances of receiving water limitations in the ESJWQC region during the June sampling event (June 13-15, 2006).

		E. coli	Total Dissolved Solids	Copper
Site Name	Sample Date	200 MPN/100mL	500 mg/L	Based on hardness µg/L
Duck Slough @ Gurr Road	6/14/2006	690		120
Duck Slough @ Hwy 99	6/14/2006	260		
Jones Drain @ Oakdale Road	6/14/2006	>2400		
Black Rascal Creek @ Yosemite Road	6/14/2006	490		
Prairie Flower Drain @ Crows Landing Rd	6/15/2006	1300	1700	
Mustang Creek @ East Ave	6/15/2006	>2400		
Berenda Slough @ Dairyland Road	6/13/2006	460		
Ash Slough @ Avenue 21	6/13/2006	770		17
Deadman's Creek @ Gurr Road	6/13/2006	310		
Cottonwood Creek @ Road 20	6/13/2006			8
Dry Creek @ Road 18	6/13/2006			6.3
Dry Creek @ Road 18 FD	6/13/2006			5.5

Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and are based on the 1-hour average maximum for total recoverable metals
http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls:

$$\text{Copper Criteria} = \exp\{0.9422[\ln(\text{hardness})] - 1.700\}$$

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Tuesday, August 08, 2006 4:49 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; 'Lara Reising'; mbjohnson@ucdavis.edu

Subject: exceedance report

Attachments: ESJWQC_06_ER_chem_irrigation2_tbl_080706.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On June 13-15, 2006, sampling was conducted in the ESJWQC region for the second irrigation season sampling event. An exceedance of the receiving water limitations was experienced at one location in the Coalition Region on June 14, 2006. At Duck Slough at Gurr Road the water quality objective for thiobencarb was exceeded with a measurement of 5.8 ug/L in the sample. All data are included in Table 1 attached to this report. All raw data are available as pdfs. Due to some issues with the laboratories in receiving analytical results, we have been delayed in receiving the data and providing them to you. In the future we expect to be able to report these exceedances much more quickly.
- b. Immediate follow-up sampling will not be conducted. Sampling for the July irrigation event took place on July 11-13, 2006, and we will sample again on August 8-10, 2006.
- c. We are requesting the Pesticide Use Reports to determine if triobencarb in herbicides could have been applied causing the exceedances. In addition, we are submitting a management plan for the Duck Slough watershed that will address the exceedance. We will be submitting a Communication Report on this Exceedance by October 12, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. ESJWQC chemistry exceedances from irrigation sampling conducted on June 14, 2006.

Site Name	Sample Date	Season	Thiobencarb ug/L
Duck Slough @ Gurr Rd	6/14/2006	Irrigation	5.8

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Thursday, August 10, 2006 10:04 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: amended exceedance report

Attachments:

ESJWQC_ER_E.coli_metals_TDS_Irrigation2_tabl_081006_amended.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an amended Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On June 13 - 15, 2006, sampling was conducted in the ESJWQC region for the second irrigation season sampling. A report for the exceedances of measured E. coli, TDS, and copper experienced during this sampling event was sent on August 2, 2006. This report is amended to include copper based on 4-day average continuous concentration limits. Exceedances of the receiving water limitations for several parameters were found in the Coalition Region. Exceedances of the E. coli limitation were experienced at Duck Slough @ Gurr Road, Duck Slough @ Highway 99, Jones Drain @ Oakdale Road, Black Rascal Creek @ Yosemite Road, Prairie Flower Drain @ Crows Landing Road Mustang Creek @ East Ave, Berenda Slough @ Dairyland Road, Ash Slough @ Ave 21, and Deadman's Creek @ Gurr Road. There was an exceedance of the TDS limitation at Prairie Flower Drain @ Crows Landing Road. Based on hardness measurements, there were exceedances of the copper limitation at Duck Slough @ Gurr Road, Jones Drain @ Oakdale Road, Ash Slough @ Ave 21, Cottonwood Creek @ Road 20, and Dry Creek @ Road 18 (including a field duplicate from the site). This amended report adds the exceedance at Jones Drain @ Oakdale Road to the original set of exceedances. All data are included in Table 1 attached to this report. In the table, we provide the hardness of the water at the site and the copper criterion as calculated. All raw data are available as pdfs.
- b. Immediate follow-up sampling will not be conducted. We received the data Friday afternoon (July 28, 2006) and took two days to review and determine exceedances. Sampling for the July irrigation event took place on July 11-13, 2006, and we will sample again on August 8-10, 2006.
- c. For the E. coli exceedances, the Coalition is planning to sample for E. coli and DNA during August to determine the source of DNA at sites experiencing exceedances so that correct management measures can be implemented. We will also be performing a TDS study to determine the source of the high levels of TDS measured. We are experiencing the initial exceedances for metals, and will be discussing options for follow-up actions on the apparent exceedances in the coming weeks. We are requesting the Pesticide Use Reports to determine if copper in applied herbicides could have been the cause of the exceedances. We will be submitting a Communication Report on this exceedance by October 4, 2006 as stated in our original Exceedance Report that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan

(described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.
Mike Johnson

Table 1. Exceedances of receiving water limitations in the ESJWQC region during the June sampling event (June 13-15, 2006).

Site Name	Sample Date	E. coli	Total Dissolved Solids	Copper	Copper Criteria ¹	Hardness
		200 MPN/100mL	500 mg/L	µg/L	4-day avg total recoverable	mg/L
Duck Slough @ Gurr Road	6/14/2006	690		120	10.90162	120
Duck Slough @ Hwy 99	6/14/2006	260				
Jones Drain @ Oakdale Road	6/14/2006	>2400		2.7	2.558179	22
Black Rascal Creek @ Yosemite Road	6/14/2006	490				
Prairie Flower Drain @ Crows Landing Rd	6/15/2006	1300	1700			
Mustang Creek @ East Ave	6/15/2006	>2400				
Berenda Slough @ Dairyland Road	6/13/2006	460				
Ash Slough @ Avenue 21	6/13/2006	770		17	3.334501	30
Deadman's Creek @ Gurr Road	6/13/2006	310				
Cottonwood Creek @ Road 20	6/13/2006			8	3.1436	28
Dry Creek @ Road 18	6/13/2006			6.3	1.524022	12
Dry Creek @ Road 18 FD	6/13/2006			5.5	2.155069	18

¹Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and is based on the 4-day average maximum for total recoverable metals
(http://www.swrcb.ca.gov/rwgcb5/available_documents/wq_goals/limit_tables_2003.xls):

$$\text{Copper Criteria} = \exp\{0.8545[\ln(\text{hardness})] - 1.702\}$$

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Thursday, August 10, 2006 10:07 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: amended exceedance report

Attachments:

ESJWQC_ER_Metals_PhysPar_irrigation1_tbl_081006_amended.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- d. On May 16-18, 2006 sampling was conducted in the ESJWQC region for the first irrigation season monitoring event. We received the data from the laboratory on July 6, 2006 that showed exceedances of receiving water limitations were experienced at several sites for E. coli, TDS, and copper. A report for the exceedances of measured E. coli, TDS, and copper experienced during this sampling event was sent on August 2, 2006. This report is amended to include copper based on 4-day average continuous concentration limits. From the original Exceedance Report, this amended report adds the Cottonwood Creek @ Road 20 site as an exceedance. The exceedances are provided in Table 1 which accompanies this email. In that table, we provide the hardness of the water at the site and the copper criterion as calculated.
- e. Follow-up sampling for the EC exceedances will not be conducted. The second irrigation season monitoring event occurred in June, and we will be conducting the third irrigation season event the week of July 10. The delay in receiving the data from the laboratories is a function of the expanded monitoring program and the addition of several new laboratories. We anticipate that the delays will be greatly reduced as we move through the irrigation season.
- f. We will be submitting a Communication Report on September 12, 2006, 45 business days from the date that we submitted the original exceedance report, that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Physical parameter and metals exceedances in the ESJWQC region for samples collected on May 16-18, 2006.

Site	E. coli	TDS	Copper	Copper Criteria1	Hardness
	MPN/100mL	mg/L	µg/L	4-day avg total recoverable	mg/L

Site	E. coli	TDS	Copper	Copper Criteria ¹	Hardness
	MPN/100mL	mg/L	µg/L	4-day avg total recoverable	mg/L
Prairie Flower Drain @ Crows Landing Rd	550	1700			
Hilmar Drain @ Central Ave	≥2400				
Dry Creek @ Wellsford Rd	280				
Silva Drain @ Meadow Dr	1300				
Black Rascal Creek @ Yosemite Rd	≥2400				
Mustang Creek @ East Ave	≥2400				
Dry Creek @ Road 18	1600		4.3	1.948728	16
Ash Slough @ Ave 21			4.8	2.558179	22
Duck Slough @ Gurr Rd	2000				
Duck Slough @ Pioneer Rd	280				
Jones Drain @ Oakdale Rd	2400		12	3.896649	36
Deadmans Creek @ Gurr Rd	1200				
Cottonwood Creek @ Road 20			4.4	3.523558	32

¹Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and are based on the 4-day average maximum for total recoverable metals
http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls

Copper Criteria = $\exp\{0.8545[\ln(\text{hardness})] - 1.702\}$

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, August 11, 2006 4:36 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; 'Lara Reising'; mbjohnson@ucdavis.edu

Subject: exceedance report

Attachments: ESJWQC_06_ER_Field_Irrigation4_tbl_081106.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a) On August 8-10, 2006, sampling was conducted in the ESJWQC region for the fourth irrigation season sampling. An exceedance of the receiving water limitation for DO was experienced at Mustang Creek @ East Avenue (DO = 2.6 mg/L), and an exceedance of EC was experienced at Prairie Flower Drain @ Crows Landing Road (EC = 2302 μ S/cm). Both exceedances were found in samples taken on August 10, 2006. If you wish to see the raw data prior to the submission of the communication report, we will be receiving the field sheets as pdfs from the lab shortly.

b) Immediate follow-up sampling will not be conducted.

c) EC exceedances are a continuing issue at the Prairie Flower Drain site. The Coalition is currently designing a study to determine the source of the EC/TDS and will submit that design as soon as possible. Mustang Creek at East Avenue appeared stagnant during the sampling event which is a factor that may have contributed to the high DO measured at the site. Discussions with land owners in the Mustang Creek watershed indicate that all of the orchards are on microspray and no runoff is expected during the summer. Water in the creek is the last of the shallow ground water recharge and the creek is drying up at this time. Drains with very little flow are common in the Coalition region during the summer due to low input from natural precipitation and high levels of evaporation. Low flow of waterways leads to low aeration or exchange of oxygen and thus typically shows lower levels of dissolved oxygen. Therefore no follow-up sampling was conducted. We will be submitting a Communication Report on this Exceedance by October 17, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1: Field exceedances experienced in receiving waters sampled for the ESJWQC on August 10, 2006 during the fourth irrigation sampling of 2006.

Site Name	Sample Date	Season	DO (mg/L)	EC (µS/cm)
Prairie Flower Drain @ Crows Landing Rd	8/10/06	Irrigation4		2302
Mustang Creek @ East Avenue	8/10/06	Irrigation4	2.6	

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Monday, August 21, 2006 4:09 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: exceedence report

Attachments: ESJWQC_06_ER_watertox_irrigation4_tbl_082106.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a) On August 10, 2006 sampling was conducted in the East San Joaquin Water Quality Coalition region for the fourth irrigation event of the season. Water was collected for analysis of toxicity and field parameters were measured. We are reporting exceedances for Ceriodaphnia toxicity in the sample collected at Silva Drain at Meadow Drive which experienced complete mortality in the ambient water sample (Table 1). A dilution series was conducted and TIE tests were initiated. The dilution series results have not been analyzed but show that the sample consists of somewhere around 2.5 toxic units. Toxicity was observed in the baseline TIE treatment, but the tests are not yet complete and thus results are pending. We will include the raw data with the submission of the communication report.

b) Follow-up sampling occurred on August 17, 2006 and toxicity tests were initiated the following day. We are waiting for the results from the lab on those samples to indicate whether the toxicity is persistent.

c) A Communication Report on this exceedance will be submitted by October 25, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. ESJWQC toxicity exceedances from Irrigation sampling conducted on August 10, 2006.

Site	Season	Sampling Date	(% control) <i>Ceriodaphnia dubia</i>
Silva Drain @ Meadow Drive	Irrigation	8/10/06	0

From: Michael L. Johnson [mbjohnson@ucdavis.edu]

Sent: Thursday, August 24, 2006 1:10 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; 'Lara Reising'; mbjohnson@ucdavis.edu

Subject: exceedance report

Attachments:

ESJWQC_06_ER_E.coli_metals_TDS_Irrigation3_tbl_082306.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a. On July 11-13, 2006, sampling was conducted in the ESJWQC region for the third irrigation season sampling. Exceedances of the receiving water limitations for several parameters were found in the Coalition Region. Exceedances of the *E. coli* limitation were experienced at Deadman's Creek @ Gurr Road, South Slough @ Quinley Rd, Jones Drain @ Oakdale Road, Prairie Flower Drain @ Crows Landing Road, Hilmar Drain @ Central Ave, and Silva Drain @ Meadow Drive. There were two exceedances of the TDS limitation at Prairie Flower Drain @ Crows Landing Road and Hilmar Drain @ Central Ave. Based on hardness measurements, there were exceedances of the copper limitation at Dry Creek @ Road 18, Ash Slough @ Kibby Rd, Duck Slough @ Gurr Road, Jones Drain @ Oakdale Road, and at Hilmar Drain @ Central Ave. In addition there was an exceedance of the lead limitation at Duck Slough @ Gurr Rd. All data are included in Table 1 attached to this report. In the table, we provide the hardness of the water at the site and the copper criterion as calculated. All raw data are available as pdfs.

b. Immediate follow-up sampling will not be conducted. We received the data Friday afternoon (August 18, 2006) and it has taken three business days to review the data and determine the exceedances. Sampling for the August irrigation event occurred on August 8-10, 2006.

c. For the *E. coli* exceedances, the Coalition has recently conducted sampling for *E. coli* and DNA to determine the source of DNA at sites experiencing exceedances so that correct management measures can be implemented. We will also be performing a TDS study to determine the source of the high levels of TDS measured. We are experiencing the initial exceedances for metals, and will be discussing options for follow-up actions on the apparent exceedances in the

coming weeks. Our standard requests for Pesticide Use Reports will help us determine if copper in applied herbicides could have been the cause of the exceedances. We will be submitting a Communication Report on this exceedance by October 27, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Exceedances of receiving water limitations in the ESJWQC region during the third irrigation season sampling event (July 11-13, 2006).

Site Name	Sample Date	Season	E. coli 235 MPN/100mL*	Total Dissolved Solids 500 mg/L*	Hardness ug/L	Copper ug/L based on hardness	Lead 2 ug/L at or above hardness of 69 mg/L as CaCO3*
Dry Creek @ Road 18	11/Jul/2006	Irrigation			20	4.1	
Ash Slough @ Kibby Rd	11/Jul/2006	Irrigation			38	6.7	
Deadman's Creek @ Gurr Rd	11/Jul/2006	Irrigation	490				
South Slough @ Quinley Rd	11/Jul/2006	Irrigation	1200				
Duck Slough @ Gurr Rd	12/Jul/2006	Irrigation			100	14	2.7
Jones Drain @ Oakdale Rd	13/Jul/2006	Irrigation	1300		54	11	
Prairie Flower Drain @ Crows Landing Rd	13/Jul/2006	Irrigation	790	720			
Hilmar Drain @ Central Ave	13/Jul/2006	Irrigation	>2400	610	31	31	
Silva Drain @ Meadow Drive	13/Jul/2006	Irrigation	690				

*Receiving water limitation

Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and is based on the 4-day average maximum for total recoverable metals
(http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls):

$$\text{Copper Criteria} = \exp\{0.8545[\ln(\text{hardness})] - 1.702\}$$

From: Michael L. Johnson [mbjohnson@ucdavis.edu]

Sent: Thursday, August 24, 2006 1:20 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; 'Lara Reising'; mbjohnson@ucdavis.edu

Subject: pesticide exceedance

Attachments: ESJWQC_06_ER_Pesticides_Irrigation3_tbl_082306.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a. On July 11-13, 2006, sampling was conducted in the ESJWQC region for the third irrigation season sampling. Exceedances of the receiving water limitations for chlorpyrifos were found in the Coalition Region. Exceedances were experienced at Dry Creek at Road 18, Berenda Slough at Dairyland Rd, Dry Creek at Wellsford Rd, Hilmar Drain at Central Ave, and Silva Drain at Meadow Drive. A summary of these data is included in Table 1 attached to this report and all raw data are available as pdfs.

b. Immediate follow-up sampling cannot be conducted. We received the data Tuesday evening (August 23, 2006) and have since reviewed the data to determine the exceedances. Sampling for the August irrigation event occurred on August 8-10, 2006.

c. We are requesting the Pesticide Use Reports to determine where applications of Chlorpyrifos occurred prior to the sampling date. We will be submitting a Communication Report on this exceedance by October 27, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Exceedances of receiving water limitations in the ESJWQC region during the third irrigation season sampling event (July 11-13, 2006). DNQ indicates that the detection is below the PQL and is an estimate.

Site Name	Sample Date	Chlorpyrifos 0.015 ug/L
Dry Creek @ Road 18	7/11/2006	0.077
Berenda Slough @ Dairyland Rd	7/11/2006	0.043
Dry Creek @ Wellsford Rd	7/13/2006	0.026
Hilmar Drain @ Central Ave	7/13/2006	0.016 DNQ
Silva Drain @ Meadow Drive	7/13/2006	0.015 DNQ

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, September 01, 2006 5:08 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: DO exceedances

Attachments: ESJWQC_06_ER_Field_BacteriaSourceStudy_tbl_090106.doc

Dear Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a.) On August 29 and 30, 2006, sampling was conducted in the ESJWQC region as a part of the *E. coli* source identification study for the ESJWQC. The sampling design involved a baseline sampling which included multiple samples taken from four sites followed by a sampling of 23 sites over a 2-day period which occurred the next week. (The later of which we are reporting on in this submission.) During the sampling, field parameters were measured and exceedances of receiving water limitations in Dissolved Oxygen (DO) were experienced at four of the sites including Dry Creek @ Waterford (DO = 4.72), Prairie Flower Drain @ Morgan Rd (DO = 1.66), Cottonwood Creek Ave 15 (DO = 0.2) and Dutchman Creek @ Minturn (DO = 2.52). See attached Table 1 for details. If you wish to see the raw data prior to the submission of the communication report, we can supply the field sheets as scanned pdfs upon request.

b.) Immediate follow-up sampling will not be conducted as numerous follow-up samples were collected during the baseline sampling and the nature of the study itself is a follow-up measure to identify *E. coli* sources in the Coalition region. Therefore follow-up sampling and actions will occur as needed for this study.

c.) DO exceedances are common in the Coalition region during the summer months due to low flow and high water temperatures often experienced in the test drains (in general, though this may not be the case for all samples). Low levels of DO are especially apparent in the morning due to the lack of photosynthetic activity overnight, allowing levels of DO to decline overnight due to BOD (biological oxygen demand) and algal respiration. Sites sampled in previous summers have also experienced frequent DO exceedances. We will be submitting a Communication Report on these Exceedances by November 7, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1: ESJWQC water quality field exceedances experienced during the bacteria source monitoring study conducted on August 29 and 30, 2006.

Site Name	Sample Date	Sample Time	DO
Dry Creek @ Waterford	8/29/2006	7:40	4.72

East San Joaquin
Water Quality Coalition

December 2006 SAMR

Prairie Flower Drain @ Morgan Rd	8/29/2006	10:20	1.66
Cottonwood Creek @ Ave 15	8/29/2006	15:00	0.2
Dutchman Creek @ Minturn	8/30/2006	7:40	2.52

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Tuesday, September 05, 2006 11:20 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: exceedance report

Attachments: ESJWQC_06_ER_SedTox_Irrigation3_tbl_090506.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a) On August 8, 9, and 10, 2006 sampling was conducted in the ESJWQC region for the irrigation season sediment event. We received the data from the laboratory on Friday, September 1, 2006. Significant sediment toxicity to *Hyallela azteca* was found at Highline Canal @ Highway 99 (89% survival) and at Silva Drain @ Meadow Drive (61% survival). It should be noted that the Highline Canal site is characterized by a cement channel, and it is possible that the source of the thin layer of sediment in the channel is from the dirt road that runs parallel with the channel; PER (Pacific EcoRisk) staff have observed the sediment/dirt on the inclined part of the canal above the water line, leading to the conclusion that the road is a likely source of the sediment in the channel. See Table 1 for details on these exceedances. The Coalition has not yet been provided the raw data for these tests.

b) Follow-up sampling for these exceedances is being conducted either Tuesday Sept 5 or Wednesday Sept 6, 2006.

c) We are requesting Pesticide Use Reports for the watersheds in which these exceedances were found. We will determine if pesticides with a high Koc (organic carbon partition coefficient) were applied in the watershed during the months prior to the sediment sampling. Chemicals with a high Koc bind to organic material and sediment and consequently a higher probability of causing sediment toxicity. We will be submitting a Communication Report on this Exceedance by November 8, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Sediment toxicity exceedances for the ESJWQC August sampling.

Site	Sample Date	Species	% Survival	% Control
Highline Canal @ Highway 99	8/9/06	<i>Hyalella azteca</i>	89	90
Silva Drain @ Meadow Drive	8/9/06	<i>Hyalella azteca</i>	61	62

From: Michael L. Johnson [mbjohnson@ucdavis.edu]

Sent: Wednesday, September 13, 2006 1:43 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: exceedance report

Attachments: ESJWQC_06_ER_E coliTDS_Irrigation4_tbl_091206.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a. On August 8, 9, and 10, 2006, sampling was conducted in the ESJWQC region for the fourth irrigation season event. Exceedances of the receiving water limitations for several parameters were found in the Coalition Region. Exceedances of the *E. coli* limitation were experienced at Silva Drain @ Meadow Drive, South Slough @ Quinley Rd, Jones Drain @ Oakdale Road (and field duplicate), Prairie Flower Drain @ Crows Landing Road, Hilmar Drain @ Central Ave, Mustang Creek @ East Ave, and at Deadman's Creek @ Gurr Road. There was one exceedance of the TDS limitation at Prairie Flower Drain @ Crows Landing Road. Based on hardness measurements, there were exceedances of the copper limitation at Dry Creek @ Road 18, Ash Slough @ Avenue 21, Duck Slough @ Highway 99 and at Jones Drain @ Oakdale Road (in the field duplicate sample). These four sites also experienced exceedances in copper during the previous month's sampling. In addition there was an exceedance of the limitation on nitrite as nitrogen at Prairie Flower Drain @ Crows Landing Road. All data are included in Table 1 attached to this report. In the table, we provide the hardness of the water at the site and the copper criterion as calculated.

b. Immediate follow-up sampling will not be conducted. We received the data on September 7 and it has taken four business days to review the data and determine the exceedances. Sampling for the September irrigation event will occur this week, September 12-14, 2006, and the results from these samples will help to show the level of persistence in the exceedances. We wish to point out that as we indicated earlier in the summer, the response time for return of the results to the Coalition has improved substantially.

c. For the *E. coli* exceedances, the Coalition has recently conducted sampling for *E. coli* and DNA to determine the source of DNA at sites experiencing

exceedances so that correct management measures can be implemented. We will also be performing a TDS study to determine the source of the high levels of TDS measured. Our standard requests for Pesticide Use Reports will help us determine if copper and nitrites in applied herbicides could have been the cause of the measured exceedances at the sites in this report. We will be submitting a Communication Report on these exceedances by November 15, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Exceedances of receiving water limitations in the ESJWQC region during the August sampling event (August 8-10, 2006). Water quality objectives are listed under each analyte. As a reference, measured hardness is shown for those exceedances that depend on hardness.

Site Name	Sample Date	Season	E. coli	Total Dissolved Solids	Nitrite as Nitrogen	Hardness	Copper	Copper Criteria ²
			235 MPN/100mL	500 mg/L	1 mg/L as N	mg/L	ug/L based on hardness	4-day average total recoverable
Silva Drain @ Meadow Drive	09/Aug/2006	Irrigation	460					
South Slough @ Quinley Rd	09/Aug/2006	Irrigation	580					
Jones Drain @ Oakdale Road	09/Aug/2006	Irrigation	870					
Jones Drain @ Oakdale Road FD ¹	09/Aug/2006	Irrigation	1200			42	5.8	4.445261
Prairie Flower Drain @ Crows Landing Road	10/Aug/2006	Irrigation	820	1800	1.1			
Hilmar Drain @ Central Ave	10/Aug/2006	Irrigation	1000					
Mustang Creek @ East Ave	10/Aug/2006	Irrigation	980					
Dry Creek @ Road 18	08/Aug/2006	Irrigation				18	4.6	2.155069
Ash Slough @ Avenue 21	08/Aug/2006	Irrigation				28	6.3	3.1436
Deadman's Creek @ Gurr Road	08/Aug/2006	Irrigation	390					
Duck Slough @ Highway 99	08/Aug/2006	Irrigation				20	3.4	2.358093

¹FD=field duplicate

²Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and is based on the 4-day average maximum for total recoverable metals (http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls):

Copper Criteria = $\exp\{0.8545[\ln(\text{hardness})] - 1.702\}$

From: Michael L. Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, September 15, 2006 2:59 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: exceedance report

Attachments: ESJWQC_06_ER_Field_Irrigation5_tbl_091406.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a) On September 12-14, 2006, sampling was conducted in the ESJWQC region for the fifth irrigation season sampling. Exceedances of the receiving water limitation for EC were experienced at Prairie Flower Drain @ Crows Landing Road (EC = 1276 $\mu\text{S}/\text{cm}$) and at Hilmar Drain @ Central Ave (EC = 773 $\mu\text{S}/\text{cm}$). Both exceedances were found in samples taken on September 14, 2006. If you wish to see the raw data prior to the submission of the communication report, we will be receiving the field sheets as pdfs from the lab shortly.

b) Immediate follow-up sampling will not be conducted.

c) EC exceedances are a continuing issue at the Prairie Flower Drain and Hilmar Drain sites. The Coalition is currently designing a study to determine the source of the EC/TDS in the Coalition water bodies and will submit that design as soon as possible. We will be submitting a Communication Report on this Exceedance by November 17, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.
Mike Johnson

Table 1: Field exceedances experienced in receiving waters sampled for the ESJWQC on September 14, 2006 during the fifth irrigation sampling of 2006.

Site Name	Sample Date	Season	EC ($\mu\text{S}/\text{cm}$)
Prairie Flower Drain @ Crows Landing Rd	9/14/06	Irrigation	1276
Hilmar Drain @ Central Ave	9/14/06	Irrigation	773

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Thursday, September 21, 2006 4:24 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: Exceedance of toxicity for September monitoring event

Attachments: ESJWQC_06_ER_watertox_irrigation5_tbl_092106.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a) On September 12-14, 2006 sampling was conducted in the East San Joaquin Water Quality Coalition region for the fifth irrigation event of the season. Water was collected for analysis of toxicity and field parameters were measured. We are reporting exceedances for Ceriodaphnia toxicity in the samples collected at Brenda Slough along Road 18, Highline Canal @ Highway 99, Highline Canal @ Lombardy Avenue, and Dry Creek @ Wellsford Road (Table 1). TIE tests were initiated for all toxicities that caused 50% or greater reduction in survival relative to the controls. We will include the raw data with the submission of the communication report.

b) Follow-up sampling will be conducted today, September 21, 2006. We will wait for the results from the lab on those samples to indicate whether any of the toxicities are persistent.

c) A Communication Report on these exceedances will be submitted by November 27, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. ESJWQC toxicity exceedances from the fifth Irrigation sampling event conducted September 12-14, 2006.

Site	Season	Sampling Date	(% control) <i>Ceriodaphnia dubia</i>
Brenda Slough along Road 18	Irrigation	9/12/06	40
Highline Canal @ Highway 99	Irrigation	9/13/06	60
Highline Canal @ Lombardy Avenue	Irrigation	9/13/06	35
Dry Creek @ Wellsford Road	Irrigation	9/14/06	70

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Thursday, October 05, 2006 3:46 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; Melissa Turner; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: exceedance report for pesticides

Attachments: ESJWQC_06_ER_Pesticide_Irrigation4_tbl_100506.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

- g. On August 8-10, 2006 sampling was conducted in the ESJWQC region for the fourth irrigation season monitoring event. Data were received from the laboratory on October 1 and 2 and we have since been reviewing the results. Exceedances of receiving water limitations were experienced for Chlorpyrifos at five sites, Biphenthrin at two sites, and Malathion and DDD at one site. The exceedances are provided in Table 1 which accompanies this email.
- h. Follow-up sampling for the pesticide exceedances will not be conducted. The fifth irrigation season monitoring event occurred in September, and results from that sampling event will indicate whether the detections in this event are persistent.
- i. We will be submitting a Communication Report for these exceedances on December 12, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1: Pesticide exceedances from the ESJWQC region for samples collected during the August irrigation sampling event. Water quality objectives are listed under each pesticide.

*between the MDL (minimum detection limit) and RL (reporting limit), therefore considered an estimate.

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Wednesday, October 11, 2006 4:22 PM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; Melissa Turner; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'

Subject: exceedance and communication reports

Attachments: ESJWQC_06_CR_re-sample_Field_Irrigation3_101106.doc;
ESJWQC_06_ER_Field_re-sample_Irrigation3_tbl_101106.doc

Dana,

Upon writing the communication report for this field exceedance, the Coalition was unable to locate the exceedance report that should have been sent on or around July 21, 2006. The only conclusion we could come to is that the exceedance report was never submitted. We are thus submitting one at this time, and we apologize for the oversight.

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

a) On July 20, 2006, re-sampling was conducted in the ESJWQC region for the third irrigation season event. An exceedance of the receiving water limitation for EC was experienced at Prairie Flower Drain @ Crows Landing Road (EC = 1950 $\mu\text{S}/\text{cm}$). Raw data have been submitted as field sheets within the complete analytical results sent in the communication report for re-sample toxicity on October 2, 2006.

b) Immediate follow-up sampling will not be conducted. Elevated levels of electrical conductivity at Prairie Flower Drain have been experienced consistently throughout the Coalition monitoring events, and the persistence of the exceedance is acknowledged by the Coalition.

c) The Coalition will be undertaking a study to determine the source of the EC/TDS over the next months of the irrigation season. The Communication Report on this Exceedance is being submitted concurrently with this report and will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1: Field exceedances experienced during the re-sampling event for the ESJWQC on July 20, 2006.

Site Name	EC ($\mu\text{S}/\text{cm}$)
Prairie Flower Drain @ Crows Landing Road	1950

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Friday, October 20, 2006 5:09 PM

To: 'Dana Thomsen'

Cc: mbjohnson@ucdavis.edu; 'Parry Klassen'; 'Krista Callinan'; 'Melissa Turner'; 'Francisca Johnson'

Attachments: ESJWQC_06_ER_E coliTDS_Irrigation5_102006.doc

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a. On September 12, 13 and 14 2006, sampling was conducted in the ESJWQC region for the fifth irrigation season event. Exceedances of the receiving water limitations for several parameters were found in the Coalition Region.

Exceedances of the *E. coli* limitation were experienced at six sites and of the TDS limitation at two sites. Based on hardness measurements, there were five exceedances of the copper limitation, four exceedances of the lead limitation, and two of the zinc limitation. One site also experienced an exceedance of the selenium limitation. All data are included in Table 1 attached to this report. As reference, we have included the measured hardness of the water at the site.

b. Immediate follow-up sampling will not be conducted. We received the data on October 17 and have been reviewing the data to determine the exceedances since that time.

c. For the *E. coli* exceedances, the Coalition has recently conducted sampling for *E. coli* and bacteria DNA to determine the source of fecal contamination so that correct management measures can be implemented. Analysis is still being performed using RT-PCR to determine DNA sources. We will also be performing a TDS study to determine the source of the high levels of TDS measured. Our standard requests for Pesticide Use Reports will help us determine if copper and other metals in applied herbicides could have been the cause of the measured exceedances at the sites in this report. We will be submitting a Communication Report on these exceedances by December 27, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Exceedances of receiving water limitations in the ESJWQC region during the September sampling event (September 12-14, 2006). Water quality objectives are listed under each analyte. As a reference, measured hardness is shown for those exceedances that depend on hardness.

Site Name	Sample Date	E. coli	TDS	Hardness	Copper ¹	Lead ¹	Selenium ¹	Zinc ¹
		235 MPN/100 mL	500 mg/L	mg/L	ug/L based on hardness	ug/L based on hardness	5 ug/L (4-day average)	ug/L based on hardness
Cottonwood Creek @ Road 20	12/Sep/2006			42	5.5			
Dry Creek @ Road 18	12/Sep/2006			8	6.1	0.31		18
Ash Slough @ Avenue 21	12/Sep/2006			30	9.3		5	
Deadman Creek @ Gurr Road	12/Sep/2006	>2400						
Duck Slough @ Highway 99	13/Sep/2006	340		48	19	24		
Highline Canal @ Lombardy Ave	13/Sep/2006			12		0.29		23
Silva Drain @ Meadow Drive	13/Sep/2006	320						
Jones Drain @ Oakdale Road	13/Sep/2006	>2400		40	9.1	1.8		
Dry Creek @ Wellsford Road	14/Sep/2006	310						
Prairie Flower Drain @ Crows Landing Road	14/Sep/2006	>2400	760					
Hilmar Drain @ Central Ave	14/Sep/2006		510					

¹Equation for copper, lead, selenium and zinc exceedance is taken from the State Water Resources Control Board's numerical water quality limits and is based on the 4-day average maximum for total recoverable metals

(http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls)

Michael L. Johnson <mbjohnson@ucdavis.edu> Mon, Oct 23, 2006 at 4:18 PM
 To: Dana Kulesza <dkulesza@waterboards.ca.gov>
 Cc: Parry Klassen <parryk@comcast.net>, Melissa Turner <mmtturner@ucdavis.edu>, Krista Callinan <kristacallinan@gmail.com>, Francisca Johnson <johnsonfrancisca@sbcglobal.net>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, Lara Reising <lreising@comcast.net>
 Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a. On September 12-14, 2006 sampling was conducted in the ESJWQC region for the fifth irrigation season monitoring event. Data were received from the laboratory October 16-19, 2006. Samples taken from Berenda Slough along Road 18, Deadman Creek @ Gurr Road and Deadman Creek @ Highway 59 experienced exceedances of receiving water limitations for Chlorpyrifos and Jones Drain @ Oakdale Road experienced exceedances in Chlorpyrifos and DDT. The exceedances are provided in Table 1 which accompanies this email.

b. Follow-up sampling for the pesticide exceedances will not be conducted. The September irrigation event is the last monitoring event of the season and sampling will resume again with the first storm event (after dormant spray) expected to occur between January and March of 2007.

c. We will be submitting a Communication Report for these exceedances by December 27, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1: Pesticide exceedances from the ESJWQC region for samples collected during the September irrigation sampling event. Water quality objectives are listed under each pesticide.

Site Name	Sample Date	DDT	Chlorpyrifos
		0.00059 µg/L	0.015 µg/L
Berenda Slough along Road 18	9/12/2006		0.14
Deadman's Creek @ Gurr Road	9/12/2006		0.027
Deadman's Creek @ Highway 59	9/12/2006		0.069
Jones Drain @ Oakdale Road	9/13/2006	0.013	0.018*

*between the MDL (minimum detection limit) and RL (reporting limit), therefore considered an estimate.

From: mbjohnson@ucdavis.edu

Date: 06/16/06 03:23:13

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; johnsonfrancisca@sbcglobal.net; 'Krista Callinan'; mbjohnson@ucdavis.edu

Subject: EC exceedance report

Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedance.

- a. On June 14, 2006 sampling was conducted in the ESJWQC region for the second irrigation season sampling. An exceedance of the receiving water limitation for EC was experienced at Prairie Flower Drain @ Crows Landing Road (EC = 2660 μ S/cm). The raw data for the analyses will be included in the semi-annual report submitted June 30, 2006.
- b. Immediate follow-up sampling will not be conducted.
- c. The EC exceedances are a continuing issue at both the Prairie Flower Drain and Hilmar Drain, although no exceedance of EC was experienced at Hilmar Drain during this sampling event. The Coalition is currently designing a study to determine the source of the EC/TDS and will submit that design as soon as possible. We had hoped to finalize the design by April 1, 2006 but contracting with the stable isotope laboratory has been slower than anticipated. We believe that we have those issues solved and can proceed with the submission of the design. We will be submitting a Communication Report on this Exceedance by August 17, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

From: Michael Johnson [mbjohnson@ucdavis.edu]

Sent: Tuesday, August 29, 2006 10:40 AM

To: 'Dana Kulesza'

Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; 'Lara Reising'; mbjohnson@ucdavis.edu

Subject: exceedances of field parameters

Attachments: ESJWQC_06_ER_Field_E.coliAnalysis_tbl_082806.doc

Dear Dana,

As required in the Monitoring and Reporting Program (Order No. R5-2005-0833) for Coalition Groups, an Exceedance Report is being submitted to address the following issues a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a.) On August 22, 23 and 24, 2006, sampling was conducted in the ESJWQC region as a part of the *E. coli* source identification study for the ESJWQC. The sampling design involved multiple samples collected over a 3-day period at 4 baseline sites. During the sampling, field parameters were measured and exceedances of receiving water limitations were experienced at one site, Prairie Flower Drain @ Crows Landing Road, in Dissolved Oxygen (DO) and Electrical Conductivity (EC). Exceedances in DO were experienced at Prairie Flower Drain in 3 of the nine samples taken. All three DO exceedances occurred during the first samples taken that day of sampling between 6:00am and 7:00am. EC exceedances were experienced in all samples taken from Prairie Flower Drain during this sampling event. See attached Table 1 for details. If you wish to see the raw data prior to the submission of the communication report, we can supply the field sheets as scanned pdfs upon request.

b.) Immediate follow-up sampling will not be conducted as numerous follow-up samples were collected during the baseline sampling. The repeated sampling of the same site is an original and set of follow-up samples and no additional sampling is needed. Electrical conductivity is clearly a persistent problem at Prairie Flower Drain and dissolved oxygen levels appear to be lower than the water quality limitation in the early morning. The samples taken will be used in a study regarding the identification of *E. coli* sources in the Coalition area. Follow-up sampling and actions will occur as needed for this study.

c.) DO exceedances are common in the Coalition region during the summer months due to low flow and high water temperatures often experienced in the test drains (in general, though this may not be the case for all samples). Low levels of DO are especially apparent at night or early morning due to the lack of photosynthetic activity and increased respiration. Sites sampled in previous summers have also experienced frequent DO exceedances. The high levels of EC may be a result of source water that is high in dissolved solids, though the Coalition plans to conduct a study in order to more clearly determine where the high levels of EC in the Coalition region originate. We will be submitting a Communication Report on these Exceedances by November 1, 2006 that will address a. The follow-up monitoring and analyses that were conducted; b. What actions were taken to identify the source of the problem; c. Complete analytical laboratory results; d. A time schedule to identify and implement the Management Practice Effectiveness plan (described on page 3 of the MRP for Coalition Groups); and e. A time schedule to submit an Evaluation Report.

Mike Johnson

Table 1. Field parameter exceedances experienced during the *E. coli* source identification study sampling for ESJWQC receiving waters on 8/22-8/24/06.

Site Name	Season	Sample Date	DO mg/L	EC µS/cm
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/22/2006	2.29	784
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/22/2006		2460
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/22/2006		2710
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/23/2006	2.21	2800
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/23/2006		3020
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/23/2006		1258
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/24/2006	3.29	1102
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/24/2006		1103
Prairie Flower Drain @ Crows Landing Rd	Irrigation	8/24/2006		1038

Communication Reports

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354
www.esjcoalition.org

July 24, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Wendy and Dana:

We are submitting the formal Communication Report for exceedances of the Electrical Conductivity and pH receiving water limitations for the sites in the table below. Sampling occurred on May 17 and 18, 2006, and the Exceedance Report was filed on May 19, 2006. No other parameters measured in the field experienced exceedances.

Table 1. EC and pH at the three sites recorded during the first irrigation sampling event.

Site	EC	pH
Prairie Flower Drain @ Crows Landing Road	2958	
Duck Slough @ Gurr Road		8.6
Duck Slough @ Pioneer Road		8.51

1. Follow-up monitoring and analyses conducted.

No follow-up monitoring was performed. EC exceedances at the Prairie Flower Drain site are experienced in nearly every sampling event and we believe that we have documented that the elevated EC is persistent across long periods of time. The pH exceedances were very slight, in fact, the exceedance at the Duck Slough @ Pioneer Road site is within the error of the meter of the 8.5 pH standard.

2. Actions taken to identify the source of the exceedance.

EC

Elevated conductivity may be due to anthropogenic factors, as well as natural soil geological conditions. The Coalition is currently finishing the design of a project to determine the source of EC in the two drains. Irrigation water can originate from surface storage facilities or ground water. Both of these have distinct oxygen and deuterium isotopic signatures. Water entering the drains comes from seepage into the drains from shallow ground water, direct discharge from surface irrigation return flows or rainfall events, and discharge from field drains. These also have distinct isotopic signatures depending on the origin of the water for irrigation. Additionally, since the source of the ions in the different source waters is different, we can use the combination of specific ions and the isotopic signatures of the water to determine the relative source contribution to the water in the drains. With an understanding of the source of the ions, we can effectively develop a management approach to present to the growers in the two watersheds.

pH

There are two potential causes of pH outside the range (6.5 – 8.5) specified in the Basin Plan. First, substances with very low or very high pH could have been added to the water or been the result of a spill. However, given the normal buffering capacity of the stream systems in the Valley, the pH of the contaminant would have to be relatively high or low and would probably have resulted in noticeable fish kills and the death of other biota in the streams. No such kills were observed and consequently, it is unlikely that the pH exceedances were the result of spills or deliberate dumping into the water bodies.

Control of pH in surface waters is a function of the balance between the buffering capacity of the water and the relative amount of photosynthesis. Unless waters are extremely oligotrophic, pH usually varies diurnally. During daylight hours, when photosynthesis is occurring, carbon dioxide is fixed as plant material reducing the CO₂ concentration of the water and causing a dissociation of the carbonic acid present in the water and the pH rises. At night, respiration is the driving force, resulting in a decrease in dissolved oxygen, an increase in CO₂ and a decline in pH. In a diurnal cycle, the lowest pH is expected at dawn because CO₂ produced by decomposition and aerobic respiration would have accumulated since the previous dusk. Conversely highest pH is expected during the daylight hours, because pH rises at the rate at which carbon dioxide is fixed by plants. Both pH and dissolved oxygen may also be affected by anthropogenic sources (e.g., elevated nutrients resulting in increased algae populations can result in elevated pH readings).

As a result, identifying a source of a pH exceedance is particularly difficult. In fact, it is unclear how identifying a source of a pH exceedance could be accomplished. Most likely, the exceedance is a function of both instream and

landscape processes that interact in a dynamic manner to control pH. These processes are expected to change over time making tracking sources for past events nearly impossible. For example, benthic algae are primarily responsible for the photosynthesis that occurs in small surface water bodies. The amount of benthic algae, particularly but limited to filamentous algae, that can build up at a site is a function of the substrate and the flow. As an alga grows, it becomes heavy and is capable of being captured by the current in the stream. When the flow generates sufficient shear stress on the alga, it is sheared off and moves downstream being broken up as it moves. This process of growth and shearing may occur several times over the summer depending on the nutrient inputs and the flow. If flows vary as a result of irrigation return flows or runoff events, the cycle may be very rapid. If the flows are reduced, sufficient shear stress may not be developed and the alga will remain in place for a longer period of time. As flows change and the wetted surface area of the stream changes, the locations of alga growth can change as well. Finally, since pH is a function of diurnal changes in photosynthesis, the exceedance may be solely a result of the timing of the measurement. Discussions about averaging time for the measurements is appropriate here, and those discussions will hopefully be conducted in the Technical Issues Committee.

3. Complete analytical results

Complete analytical results for field data are in the form of field sheets. The field sheets for the monitoring event are provided by Pacific EcoRisk as part of their report on the event. That report is attached to this communication report as a separate attachment.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

EC

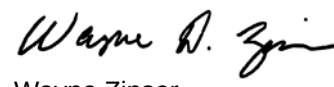
Until we complete the EC study later this summer, it is not possible to address implementation of management practices. We will file an addendum to this Communication Report with the results of the study and management plans, if any, that are to be implemented in the watershed.

pH

At this time, it is not possible to implement management practices to address pH.

Let us know if further explanation or documentation is necessary.


Parry Klassen
559-325-9855


Wayne Zipser
209-522-7278

East San Joaquin Water Quality Coalition

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July 28, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the toxicity exceedances reported on May 19, 2006 (see Table 1 below). Sampling occurred at these sites on May 17, 2006 during the first irrigation event.

Table 1. Toxicity results for samples collected during the first irrigation event.

Site	Season	Sampling Date	<i>Ceriodaphnia</i>
Duck Slough @ Pioneer Rd	Irrigation	5/17/06	0*
Bear Creek @ Kibby Rd	Irrigation	5/17/06	0*

*Dilution series and TIE performed due to 100% mortality.

1. Follow-up monitoring and analyses conducted.

Ambient Water Dilution Series tests

Due to the 100% mortality of *Ceriodaphnia* in samples from both Duck Slough and Bear Creek, a series of ambient water dilutions was performed in order to determine the magnitude of toxicity present. The results of these tests are presented in Tables 2 and 3.

Duck Slough at Pioneer Road

A $\geq 80\%$ survival was experienced at each of the test treatments up through the 25% ambient water concentration, none of which were significantly less than the lab control. Complete mortality was observed at 50% and greater ambient water concentrations, and were significantly less than the lab control. The resulting No Observed Effect Concentration (NOEC) was 25% ambient water; the EC_{50} was 30.8% ambient water, resulting in 3.2 TUa (where $TUa = 100/EC_{50}$).

Table 2. Ambient water dilutions on Ceriodaphnia for samples taken from Duck Slough at Pioneer Road on 5/17/06.

DSAPR Treatment	% Survival
Lab Control	100
6.25%	100
12.5%	100
25%	80
50%	0*
100%	0*
Summary of Statistics	
NOEC =	25% DSAPR
EC ₅₀ =	30.8% DSAPR
TUa (100/EC ₅₀) =	3.2 TUa

*Significantly less than the corresponding Lab Control treatment response at p<0.05.

Bear Creek at Kibby Road

A ≥15% survival was observed at 12.5% and greater ambient water concentrations, which was significantly less than the lab control. The resulting No Observed Effect Concentration (NOEC) was 6.25% ambient water; the EC₅₀ was 9.8% ambient water, resulting in 10.2 TUa (where TUa =100/EC₅₀).

Table 3. Ambient water dilutions on Ceriodaphnia for samples taken from Bear Creek at Kibby Road on 5/17/06.

BCAKR Treatment	% Survival
Lab Control	100
6.25%	100
12.5%	15*
25%	0*
50%	0*
100%	0*
Summary of Statistics	
NOEC =	6.25% BCAKR
EC ₅₀ =	9.8% BCAKR
TUa (100/EC ₅₀) =	10.2 TUa

*Significantly less than the corresponding Lab Control treatment response at p<0.05.

Toxicity Identification Evaluations

Duck Slough at Pioneer Road

There was 100% mortality in the Baseline TIE for DSAPR (untreated sample), indicating that the toxicity in the sample was persistent in the original sample. The C18-SPE treatment removed the toxicity which is an indication that a non-polar organic compound was likely responsible for the toxicity. A metabolically activated substance may also have been at least partially involved due to the reduced toxicity after 48 hours of testing with the PBO treatment.

Table 3. Results of the targeted TIE for the Duck Slough at Pioneer Road sample collected on 5/17/06.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation Blank	100
C ₁₈ SPE Blank	100
PBO Blank	100
Baseline (untreated 100% ambient sample)	0*
Centrifuged Sample	0*
C ₁₈ SPE-treated Sample	95
PBO-treated Sample	5*

* Statistically significantly different from the control.

Bear Creek at Kibby Road

There was 100% mortality in the Baseline TIE (untreated BCAKR sample), indicating that the toxicity in the sample was persistent. Survival in the centrifuge treatment was 0% suggesting that particulate associated contaminants were not responsible for the toxicity. The C18-SPE treatment removed the toxicity which indicates that a non-polar organic compound was likely responsible for the toxicity. The PBO treatment did not reduce the toxicity suggesting that a metabolically-activated substance was not involved.

Table 4. TIE results for the sample from Bear Creek @ Kibby Road collected on 3/15/06.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation Blank	100
C ₁₈ SPE Blank	100
PBO Blank	100
Baseline (untreated 100% ambient sample)	0*
Centrifuged Sample	0*
C ₁₈ SPE-treated Sample	95
PBO-treated Sample	0*

* Statistically significantly different from the control.

Re-sample Results

All sites were re-sampled on May 25, 2006. There were no significant reductions in survival in either sample compared to the lab control which indicates that the toxicity found at Duck Slough and Bear Creek was not persistent. Results from the re-sample lab tests are shown in Table 2.

Table 2. Results of re-samples to test for toxicity persistence collected on May 25, 2006.

Site	Test Organism	%Survival
Duck Slough @ Pioneer Rd	Ceriodaphnia	100%
Bear Creek @ Kibby Road	Ceriodaphnia	100%

2. Actions taken to identify the source of the exceedance.

Duck Slough @ Gurr Road

Examining the preliminary Electronic Data Deliverables provided by the analytical laboratory for pesticides, there are no detections of any pesticide in the sample collected from Duck Slough @ Gurr Road. Consequently, when we request the Pesticide Use Reports (see below) we will look for soluble compounds that are not on the current list of analytes.

Bear Creek @ Kibby Road

Chemical analysis indicates that the toxicity to *Ceriodaphnia* could be a function of chlorpyrifos found in the sample at a concentration of 0.52 µg/L. The results of the TIE suggest that a metabolically activated pesticide was not responsible. However, using an LC50 of 0.053 µg/L, the concentration of chlorpyrifos in the water accounts for 9.8 TUa, about 4% less TUa than found in the sample. Given the relative error in the estimation of TUa and the LC50, we believe that we can account for all of the toxicity with the concentration of chlorpyrifos found in the sample. No other chemical from Table 1 of the Monitoring and Reporting Program Order No. R5-2005-0833 was detected in the sample. Our inability to remove toxicity with the PBO treatment is likely due to large amount of chlorpyrifos in the sample. We simply could not reduce the level of toxicity to the point where we improved survival.

We have requested the Pesticide Use Reports from the reported subwatersheds and we will evaluate those for any applications of chlorpyrifos or additional chemicals in the weeks prior to sampling which could result in toxicity towards *Ceriodaphnia*.

3. Complete analytical results

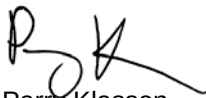
Complete analytical results are attached electronically to this communication report in the form of the laboratory report in pdf format. We are submitting the full report because the results need to be maintained in the context of the report. We realize that the full report is quite large. If after reviewing the report, a subsection or summary is requested, we will provide whatever is requested.

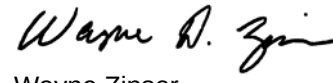
4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

The time schedule is:

Action	Anticipated Completion Date
Receive and evaluate PUR	September 30, 2006
Contact Growers in Watersheds	October 30, 2006
Perform Management Practices Survey	October 30, 2006
Implement Outreach/BMP Education	December 31, 2006
Evaluation Report	June 30, 2007

Let us know if further explanation or documentation is necessary.


 Parry Klassen
 559-325-9855


 Wayne Zipser
 209-522-7278

East San Joaquin Water Quality Coalition

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August 16, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Wendy and Dana:

We are submitting the formal Communication Report for exceedances of the Electrical Conductivity and pH receiving water limitations for the sites in the table below. Sampling occurred on June 13-15, 2006, and the Exceedance Report was filed on June 14 and 15, 2006. No other parameters measured in the field experienced exceedances.

Table 1. EC and pH at the three sites recorded during the second irrigation sampling event.

Site	EC	pH
Prairie Flower Drain @ Crows Landing Road	2660	
Bear Creek @ Kibby Road		8.69

1. Follow-up monitoring and analyses conducted.

No follow-up monitoring was performed. EC exceedances at the Prairie Flower Drain site are experienced in nearly every sampling event and we believe that we have documented that the elevated EC is persistent across long periods of time. pH is also a common exceedance and varies from month to month. The pH of the sample from Bear Creek @ Kibby Road was only 7.93 by the time the water reached the laboratory for testing indicating that the high pH seen in the field was probably a function of natural variability and a process rather than a specific constituent with an elevated pH.

2. Actions taken to identify the source of the exceedance.

EC

Elevated conductivity may be due to anthropogenic factors, as well as natural soil geological conditions. Irrigation water can originate from surface storage facilities or ground water. Both of these have distinct oxygen and deuterium isotopic signatures. Water entering the drains comes from seepage into the drains from shallow ground water, direct discharge from surface irrigation return flows or rainfall events, and discharge from field drains. These also have distinct isotopic signatures depending on the origin of the water for irrigation. Additionally, since the source of the ions in the different source waters is different, we can use the combination of specific ions and the isotopic signatures of the water to determine the relative source contribution to the water in the drains. With an understanding of the source of the ions, we can effectively develop a management approach to present to the growers in the two watersheds.

pH

There are two potential causes of pH outside the range (6.5 – 8.5) specified in the Basin Plan. First, substances with very low or very high pH could have been added to the water or been the result of a spill. However, given the normal buffering capacity of the stream systems in the Valley, the pH of the contaminant would have to be relatively high or low and would probably have resulted in noticeable fish kills and the death of other biota in the streams. No such kills were observed and consequently, it is unlikely that the pH exceedances were the result of spills or deliberate dumping into the water bodies.

Control of pH in surface waters is a function of the balance between the buffering capacity of the water and the relative amount of photosynthesis. Unless waters are extremely oligotrophic, pH usually varies diurnally. During daylight hours, when photosynthesis is occurring, carbon dioxide is fixed as plant material reducing the CO₂ concentration of the water and causing a dissociation of the carbonic acid present in the water and the pH rises. At night, respiration is the driving force, resulting in a decrease in dissolved oxygen, an increase in CO₂ and a decline in pH. In a diurnal cycle, the lowest pH is expected at dawn because CO₂ produced by decomposition and aerobic respiration would have accumulated since the previous dusk. Conversely highest pH is expected during the daylight hours, because pH rises at the rate at which carbon dioxide is fixed by plants. Sampling at Bear Creek occurred in the afternoon at 3:00pm at a time when CO₂ fixation may have been occurring rapidly and thus been a factor in the elevated pH. Both pH and dissolved oxygen may also be affected by anthropogenic sources (e.g., elevated nutrients resulting in increased algae populations can result in elevated pH readings).

As a result, identifying a source of a pH exceedance is particularly difficult. In fact, it is unclear how identifying a source of a pH exceedance could be accomplished. Most likely, the exceedance is a function of both instream and landscape processes that interact in a dynamic manner to control pH. These

processes are expected to change over time making tracking sources for past events nearly impossible. For example, benthic algae are primarily responsible for the photosynthesis that occurs in small surface water bodies. The amount of benthic algae, particularly but limited to filamentous algae, that can build up at a site is a function of the substrate and the flow. As an alga grows, it becomes heavy and is capable of being captured by the current in the stream. When the flow generates sufficient shear stress on the alga, it is sheared off and moves downstream being broken up as it moves. This process of growth and shearing may occur several times over the summer depending on the nutrient inputs and the flow. If flows vary as a result of irrigation return flows or runoff events, the cycle may be very rapid. If the flows are reduced, sufficient shear stress may not be developed and the alga will remain in place for a longer period of time. As flows change and the wetted surface area of the stream changes, the locations of alga growth can change as well. Finally, since pH is a function of diurnal changes in photosynthesis, the exceedance may be solely a result of the timing of the measurement.

We reviewed the nutrient data from the site on that date and found no evidence that there were problems with high concentrations of nutrients in the system. The only nutrient detected above the PQL was phosphate at 0.05 mg/L, a level that is not particularly elevated. It is possible that nutrients are tied up in algal biomass, but it is not possible to determine if this hypothesis is correct.

3. Complete analytical results

Complete analytical results for field data are in the form of field sheets. The field sheets for the monitoring event are provided by Pacific EcoRisk. Those reports are attached to this communication report as a separate attachment.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

EC

After conducting a study later this year that will help us to determine the source(s) of EC (i.e. source of salts in the surface waters), we will better be able to address the proper implementation of management practices. We will file an addendum to this Communication Report with the results of the study and management plans, if any, that are to be implemented in the watershed.

pH

At this time, it is not possible to implement management practices to address pH. This is the first exceedance of pH at the Bear Creek site, and we will continue to monitor pH to detect any patterns in exceedances that might be present.

Let us know if further explanation or documentation is necessary.



Parry Klassen
559-325-9855



Wayne Zipser
209-522-7278

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August 24, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the toxicity exceedances reported on June 22 and 26, 2006 (see Table 1 below). Sampling occurred at these sites on June 13-15, 2006 during the second irrigation event. The sample taken at Dry Creek was re-tested in the lab because the Lab Control treatment did not meet test acceptability criteria due to less than 80% survival. We have omitted the data for Highline Canal @ Lombardy Road from this report per instructions since it is now covered as part of the Coalition Watershed Management Plan for the Highline Canal subwatershed. All information with regards to this site will be communicated in our Semi-annual report and/or updates on the Coalition Management Plan.

Table 1. Toxicity results from Irrigation sampling on June 13-15, 2006 sampling events.

Site	Season	Sample date	Toxicity			
			Ceriodaphnia	% Control	Pimephales	% Control
Deadman's Creek @ Gurr Road	Irrigation	6/13/2006			87.5	87.5
Dry Creek @ Road 18	Irrigation	6/13/2006	80	80		

1. Follow-up monitoring and analyses conducted.

Re-sampling occurred on June 23 and 29, 2006. All re-samples showed insignificant (greater than 80% survival compared to control) toxicity. See table 2.

Table 2. Toxicity results from re-samples collected on June 23 and 29, 2006.

Site	Season	Re-sample date	Results (% survival)	
			Ceriodaphnia	Pimephales
Deadman's Creek @ Gurr Road	Irrigation	6/23/2006		97.5
Dry Creek @ Road 18	Irrigation	6/29/2006	100	

Dry Creek @ Road 18 was re-sampled at a later date due to a necessary lab re-test of the original sample. Both original samples had a survival greater than 50%, therefore no TIEs and no dilution series' were performed.

2. Actions taken to identify the source of the exceedance.

The Pesticide Use Reports have been received and reviewed only for the Deadman's Creek @ Gurr Road site. The summarized data are attached to the end of this report along with the maps of the application locations. Review of the water chemistry data indicated that there were no detections of any chemical for which the Coalition currently performs analyses.

There are several chemicals on the pesticide use list that were not sampled for during routine analysis. Of those, the most commonly applied was pyraclostrobin. The K_{oc} (organic carbon partitioning coefficient) of pyraclostrobin is 1510 (<http://www.herts.ac.uk/aeru/footprint/Reports/530.htm>) and the British Department of Environment, Food and Rural Affairs Health and Safety Executive in their Advisory Committee on Pesticides Annual Report 2001 (http://www.pesticides.gov.uk/uploadedfiles/Web_Assets/ACP/ACP_annrep_2001.pdf#search=%22PYRACLOSTROBIN%20%20Koc%22) states that "Overall, the mobility and leaching studies demonstrated that pyraclostrobin and its metabolites were strongly absorbed to soil and were not expected to represent a significant leaching risk."

Boscalid is slightly more mobile with a K_{oc} of 500 to 1100 (<http://www.herts.ac.uk/aeru/footprint/Reports/78.htm>, http://www.apvma.gov.au/publications/prs_boscalid.pdf#search=%22Boscalid%20%20Koc%22). Boscalid has a somewhat greater potential for movement into surface waters and is classified as moderately toxic to fish based on rainbow trout toxicity studies (see first Boscalid web address above). One of the locations of application is immediately adjacent to the creek for a portion of the TRS. It is unknown if the application was in the corner that would drain into Deadman's Creek, and the application dates are 2 weeks prior to sampling, but the potential exists for movement of Boscalid from the point of application to the creek.

Mefenoxam is considered highly to moderately mobile in soil with K_{oc} estimates between 80 and 1100, but is reportedly nontoxic to fish and invertebrates (<http://www.fluorideaction.org/pesticides/msds/fludioxonil.apron.maxx.rta.pdf#search=%22MEFENOXAM%20Koc%22>).

It was also applied some distance from Deadman's Creek and applied by ground so drift would not be expected to be a problem unless there is a surface drain from the site to the creek.

Oxamyl is highly mobile with a K_{oc} of 25 and is considered moderately toxic to fish. However, its half-life in soil is very short and its half-life in water is one to two days (<http://pmep.cce.cornell.edu/profiles/extoxnet/metiram-propoxur/oxamyl-ext.html>). It was applied two weeks prior to sampling, and would not be expected to remain in the system for that length of time. Consequently, it is not considered to be a potential toxicant in most systems.

The final pesticide applied in the period prior to sampling was methoxyfenozide, a pesticide with low to moderate mobility in soil and moderately toxic to fish (<http://www.cdpr.ca.gov/docs/registration/ais/publicreports/5698.pdf#search=%22METHOXYFENOZIDE%20Koc%22>). It was also applied over 2 weeks prior to sampling and at a distance from Deadman's Creek.

In summary, the potential applications that could have caused toxicity were associated with Boscalid. Because this is more of a hypothesis than a firm conclusion, all growers in the watershed will be notified of the exceedance and outreach will be conducted with all growers/operators.

The Pesticide Use Report data are not yet available for Madera County and the Dry Creek @ Road 18 subwatershed, but review of the analytical data indicated that there were no detections for any chemical for which the Coalition performs analyses.

Neither Dry Creek at Road 18 nor Deadman's Creek at Gurr Road has shown water toxicities in other samples taken this year but Dry Creek at Road 18 did show toxicity to *Hyalella azteca* in the sediment sample taken during the storm season on 5/3/06.

3. Complete analytical results

Complete analytical results are attached electronically to this communication report in the form of the field sheets in pdf format. We realize that the full report is quite large. If after reviewing the report, a subsection or summary is requested, we will provide whatever is requested.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

The time schedule is:

Action	Anticipated Completion Date

Receive and evaluate PUR	Partially Complete, PURs for Madera County to be received by November 30, 2006
Contact Growers in Watersheds	October 30, 2006
Perform Management Practices Survey	October 30, 2006
Implement Outreach/BMP Education	December 31, 2006
Evaluation Report	June 30, 2007

The rationale for these dates are as follows:

1. PUR receipt by November 30, 2006 – Pesticide use reports for Madera County are provided on a quarterly basis, usually at the end of the quarter following the quarter of interest. We are allowing an additional month as a contingency in case the delivery of the data is delayed.
2. Contact growers by October 30, 2006 – A letter will be sent to all growers/operators in the watershed by this date. Applications during June are not repeated in September or October and the October 30 date allows growers to finish harvest and devote time to responding to information provided to them by the Coalition. The draft letter for the Deadman's Creek subwatershed and the Management Practices survey are attached to this Communication Report. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds in the following weeks.
3. Perform Management Practices Survey by October 30, 2006 – The survey will accompany the letter of notification of the exceedances.
4. Implement outreach/BMP education by December 30, 2007 – A meeting in each of the two subwatersheds will be scheduled during the fall. Because we are unsure of the potential dates and locations available for meetings, a conservative estimate for the completion of the meetings is the end of the calendar year.
5. Evaluation report by August 30, 2007 – The June applications are a possibility each year. Management practice education would be put into effect during the next growing season, and data available in July 2007 will provide an indication of whether the implementation of management practices could be effective. A 30 day period after receipt of the data is requested to allow time to receive the data and write the Evaluation Report.

The time schedule will be based on the current submission, and all contacts with growers and outreach will occur as if the process was initiated at this time.

Let us know if further explanation or documentation is necessary.

Michael L. Johnson

Technical Program Manager

Pesticide Use Report Data for Deadman's Creek @ Gurr Road

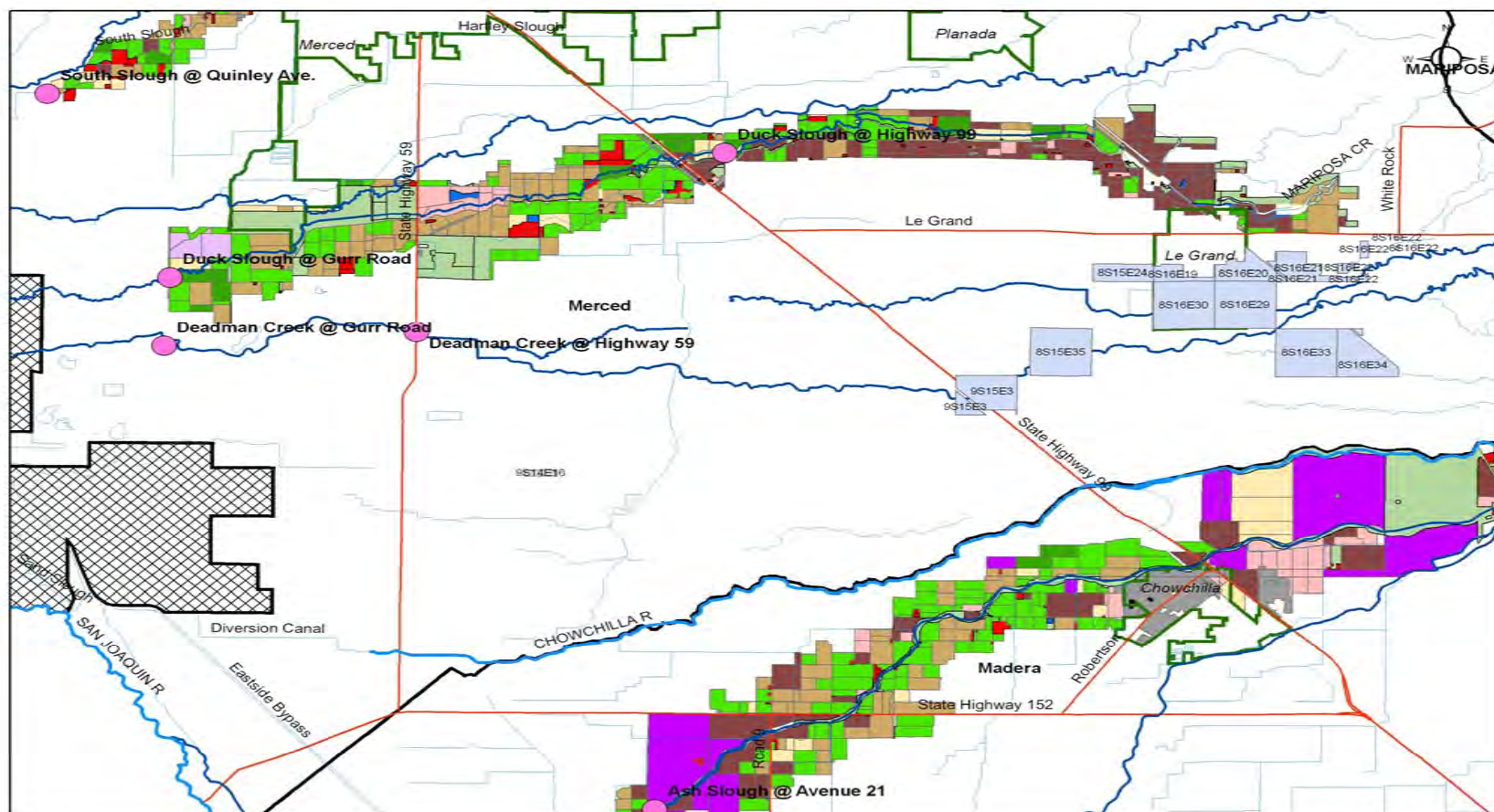
Irrigation 2 (6/13/06) Pimephales toxicity

TRS	commodity	Applic. date	Applic. method	treated acres	EPA #	EPA name	Chemical name	quantity used	units
8S15E24	ALMOND	5/31/06	G	36	100-898-ZA	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	ABAMECTIN	460.8	OZ
8S15E24	ALMOND	5/31/06	G	36	352-515-AA	DU PONT ASANA XL INSECTICIDE	ESFENVALERATE	288	OZ
8S15E24	ALMOND	5/31/06	G	36	62719-442-AA	INTREPID 2F	METHOXYFENOZIDE	576	OZ
8S15E35	TOMATO FRESH	5/30/06	G	30	352-372-AA	DU PONT VYDATE L INSECTICIDE/NEMATICIDE	OXAMYL	7.5	GA
8S16E19	TOMATO PROCESS	6/10/06	G	49	100-801-AA	RIDOMIL GOLD EC	MEFENOXAM	1.54	GA
8S16E19	TOMATO PROCESS	6/10/06	G	64	100-801-AA	RIDOMIL GOLD EC	MEFENOXAM	2	GA
8S16E20	TOMATO FRESH	6/8/06	G	31	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	7.5	GA
8S16E20	ALMOND	6/12/06	G	28	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	89	PT
8S16E20	ALMOND	6/12/06	G	58	524-539-AA	ROUNDUP ORIGINAL MAX HERBICIDE	GLYPHOSATE, POTASSIUM SALT	38.67	PT
8S16E20	ALMOND	6/12/06	G	28	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	112	OZ
8S16E20	ALMOND	6/12/06	G	58	72167-17-AA-73220	FARMSAVER.COM ORYZALIN 4 A.S.	ORYZALIN	38.67	PT
8S16E20	ALMOND	6/12/06	G	58	72167-32-AA-73220	FARMSAVER.COM OXIFLO 2 EC	OXYFLUORFEN	38.67	PT
8S16E21	ALMOND	6/11/06	G	1	42750-61-AA	GLY STAR PLUS	GLYPHOSATE, ISOPROPYLAMINE SALT	1	QT
8S16E21	ALMOND	6/11/06	G	1	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	8	OZ
8S16E22	PISTACHIO	5/30/06	G	37	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	4.63	GA
8S16E22	ALMOND	5/30/06	G	36.6	524-475-ZB	ROUNDUP ULTRA HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	20	QT
8S16E22	ALMOND	5/30/06	G	36.6	707-243-AA	GOAL 2XL HERBICIDE	OXYFLUORFEN	160	OZ
8S16E22	PISTACHIO	5/30/06	G	37	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN (5759)	444	OZ

8S16E22	PISTACHIO	5/30/06	G	37	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	444	OZ
8S16E29	ALMOND	6/10/06	G	60	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	180	PT
8S16E30	ALMOND	5/31/06	G	108	100-1074-AA	GRAMOXONE MAX	PARAQUAT DICHLORIDE	16.5	GA
8S16E30	ALMOND	5/31/06	G	108	100-1169-AA	TOUCHDOWN TOTAL	GLYPHOSATE	12.38	GA
8S16E33	PISTACHIO	5/30/06	G	116	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	14.5	GA
8S16E33	PISTACHIO	5/30/06	G	116	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN (5759)	1392	OZ
8S16E33	PISTACHIO	5/30/06	G	116	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1392	OZ
8S16E34	PISTACHIO	5/30/06	G	110	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	13.75	GA
8S16E34	PISTACHIO	5/30/06	G	105	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	13.13	GA
8S16E34	PISTACHIO	5/30/06	G	80	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	10	GA
8S16E34	PISTACHIO	5/30/06	G	80	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	10	GA
8S16E34	PISTACHIO	5/30/06	G	110	279-3014-AA-5905	PERMETHRIN 3.2 EC INSECTICIDE	PERMETHRIN	13.75	GA
8S16E34	PISTACHIO	5/30/06	G	110	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN (5759)	1320	OZ
8S16E34	PISTACHIO	5/30/06	G	80	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN (5759)	960	OZ
8S16E34	PISTACHIO	5/30/06	G	80	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	960	OZ
8S16E34	PISTACHIO	5/30/06	G	110	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1320	OZ
8S16E34	PISTACHIO	5/30/06	G	105	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1260	OZ
8S16E34	PISTACHIO	5/30/06	G	110	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN (5759)	1320	OZ
8S16E34	PISTACHIO	5/30/06	G	80	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	960	OZ
8S16E34	PISTACHIO	5/30/06	G	110	7969-199-AA	PRISTINE FUNGICIDE	BOSCALID	1320	OZ
8S16E34	PISTACHIO	5/30/06	G	105	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN (5759)	1260	OZ
8S16E34	PISTACHIO	5/30/06	G	80	7969-199-AA	PRISTINE FUNGICIDE	PYRACLOSTROBIN (5759)	960	OZ
9S14E16	COTTON	6/5/06	G	54.72	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	13.6	GA
9S14E16	COTTON	6/7/06	G	37.53	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	9.4	GA
9S14E17	COTTON	6/2/06	G	33.63	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE	8.41	GA

							SALT		
9S14E17	COTTON	6/8/06	G	55.22	524-454-AA-55467	TENKOZ BUCCANEER PLUS HERBICIDE	GLYPHOSATE, ISOPROPYLAMINE SALT	13.8	GA
9S15E3	GRAPE, RAISIN	5/30/06	G	198	10951-9-AA	BRITZ MAGIC SULFUR DUST	SULFUR	2376	MLTR

Deadman's Creek @ Gurr Rd - Irrigation 2 (6/13/06) toxicity



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September 12, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the exceedances of chlorpyrifos reported on July 11, 2006 (see Table 1 below). Sampling occurred at these sites on May 16-18, 2006 during the first irrigation monitoring event of 2006.

Table 1: Pesticide exceedances from the ESJWQC region for samples collected during Irrigation sampling from May 16-17, 2006.

Station Name	Sample Date	Chlorpyrifos (µg/L)
Duck Slough @ Hwy 99	5/17/2006	0.27
Bear Creek @ Kibby Rd	5/17/2006	0.52
Mustang Creek @ East Ave	5/18/2006	0.033

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed immediately after the original sampling date. The results were received from the analytical laboratory on July 9, 2006, approximately one and a half months past the original sample date. Sampling for the Irrigation 2 sampling event occurred on June 13-15, 2006 and for the Irrigation 3 sampling event on July 11-13, 2006. No pesticides have been detected at the sample sites listed in Table 1 this year prior to, or since May 17 and 18, 2006.

Because complete toxicity was experienced at the Duck Slough and Bear Creek sites, dilution series and TIEs were initiated on the samples. Results indicate that the concentration of chlorpyrifos was sufficient to cause the toxicity (see below).

2. Actions taken to identify the source of the exceedance.

For the chlorpyrifos detected during this monitoring event we have requested the Pesticide Use Reports for the period immediately preceding the monitoring event. During this event samples taken from Bear Creek @ Kibby Road and Duck Slough at Hwy 99 (which showed the highest concentrations of chlorpyrifos) experienced complete mortality to Ceriodaphnia. Dilution series tests indicated that there were 3.2 Toxic Units (TUa) at Duck Slough and 10.2 TUa at Bear Creek. The TIEs performed indicated that a metabolically activated pesticide was responsible for the toxicity at both sites. No other organophosphate pesticides were detected at the sites. Using the range for 48hr LC50 of 0.05 – 0.08 µg/L, all of the toxicity at both sites is accounted for by the amount of chlorpyrifos in the water. There was no toxicity to any other test organism. These results indicate that the chlorpyrifos concentrations in the water bodies were the primary cause of the water toxicity for that event. No detections of chlorpyrifos at any of the sites indicated in this report have exceeded the ambient water quality limits since this monitoring event (per lab results to date).

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 2. Time Schedule: Pesticide Exceedances

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	September 30, 2006
Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	December 31, 2006
Outreach/BMP Education	April 30, 2007
Evaluation Report	September 30, 2007

Justification for dates:

Obtain Pesticide Use Reports – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from 1-5 months after they are filed with the County Agricultural Commissioners. Although we have received the reports for the Merced County sites, we have not yet had time to sort and review those reports. We expect the Stanislaus County reports in the near future but the timing for obtaining these reports is beyond our control.

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance for chlorpyrifos and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified for chlorpyrifos applications and circulated to the growers in the subwatersheds.

Outreach/BMP education – Although the dates have not yet been established, there will be a series of meetings held across the coalition region concerning management of pesticides. When those dates are finalized, we will provide them to the Regional Board. In addition to meetings with growers, the Coalition has started working with registrants and pest control advisors to provide the information they will need to provide education to growers from that perspective. There have been meetings held within the last two months and a meeting is tentatively scheduled to be held on September 25 to discuss chlorpyrifos exceedances, outreach, and the management practices.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by September 30, 2007.

Let us know if further explanation or documentation is necessary.


Parry Klassen
559-325-9855


Wayne Zipser
209-522-7278

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354
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September 12, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the physical parameter and metal exceedances reported on July 10, 2006 and amended August 10 (see Table 1 below). Sampling occurred at these sites on May 16-18, 2006 during the first irrigation monitoring event of 2006.

Table 1. Physical parameter and metals exceedances in the ESJWQC region for samples collected on May 16-18, 2006.

Site	E. coli MPN/100mL	TDS mg/L	Copper µg/L	Copper Criterion1 4-day avg total recoverable	Hardness mg/L
Prairie Flower Drain @ Crows Landing Rd	550	1700			
Hilmar Drain @ Central Ave	≥2400				
Dry Creek @ Wellsford Rd	280				
Silva Drain @ Meadow Dr	1300				
Black Rascal Creek @ Yosemite Rd	≥2400				
Mustang Creek @ East Ave	≥2400				
Dry Creek @ Road	1600		4.3	1.948728	16

18				
Ash Slough @ Ave		4.8	2.558179	22
21				
Duck Slough @ Gurr	2000			
Rd				
Duck Slough @	280			
Pioneer Rd				
Jones Drain @	2400	12	3.896649	36
Oakdale Rd				
Deadman's Creek @	1200			
Gurr Rd				
Cottonwood Creek @		4.4	3.523558	32
Road 20				

¹Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and are based on the 4-day average maximum for total recoverable metals
http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls

Copper Criterion = $\exp\{0.8545[\ln(\text{hardness})] - 1.702\}$

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed immediately after the original sampling date. The results were received from the analytical laboratory on July 5, 2006, approximately one and a half months past the original sample date. Sampling for the Irrigation 2 sampling event occurred on June 13-15, 2006 and for the Irrigation 3 sampling event on July 11-13, 2006.

E. coli has been detected this year in several of the sites on sampling dates proceeding and following the May sampling. Exceedances of total dissolved solids (TDS) have been measured twice for the Prairie Flower Drain @ Crows Landing Road site in March of this year and during the Irrigation 2 and 3 sampling events as well. Since the first Irrigation sampling, copper exceedances have been detected in the June, July, and August sampling events at various sites, but most frequently at Dry Creek @ Road 18, Ash Slough, Jones Drain, and Duck Slough.

2. Actions taken to identify the source of the exceedance.

E. coli

E. coli is a general indicator of bacterial contamination and it is not clear what sources contribute to the coliform load. A follow-up study identifying the source of *E. coli* in Coalition water bodies was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) with in

the Coalition region during non-monitoring events. Analyses to identify the source of the bacteria are currently underway. Using these samples, we extract the DNA from the bacteria in the water, amplify the DNA signal using real-time PCR, and then use primers specific to various species to match the bacterial DNA sequences with bacterial sequences from known sources, e.g., humans, cows, sheep, dogs, birds, etc. Once we understand the relative contribution of these sources, we can use the information gathered on grazing practices and water management to develop an appropriate management strategy.

The study monitoring plan and the QAPP were provided as an attachment to the May 25, 2006 Communication Report, and a revised monitoring plan and QAPP were submitted for the ESJWQC on September 1, 2006. This is the study originally proposed in the October 25, 2005 Communication Report, and includes all watersheds for which exceedances were found during the 2005 dormant and irrigation seasons. The field work began August 22, 2006 for those watersheds mentioned above within the ESJWQC, and the laboratory work to identify the DNA is currently underway. We expect to have the results of the analysis shortly.

TDS

Potential sources of TDS are upstream surface water, ground water, or drain water from irrigated agriculture. Consequently, although TDS is a nonpoint source input to most water bodies, it is possible that there are point source inputs from field drains. Recent conversations with the Turlock Irrigation District indicate that ground water is very shallow and that many of the field drains function to remove the shallow ground water from the fields and move the water to the Prairie Flower and Hilmar drains. Also, the main drains have locations in which the bottom is mud and the drains could be gaining water directly from shallow ground water. To determine the relative contribution of salt from the potential sources, the ESJWQC Coalition is in the process of developing a study to determine the source of the water in the Prairie Flower and Hilmar drains and consequently, the source of the TDS in those drains.

We will use a combination of sampling water above irrigated agriculture in each of the watersheds and sampling within the watersheds to identify potential sources of TDS. We will attempt to use isotopic techniques to determine if the water containing the ions originated as surface water, shallow ground water, or deep ground water. We hope to complete the study design and submit it to the Regional Board for review within a short period of time.

Copper

Copper in surface water can originate from two sources; natural weathering of rocks and soils, and pesticides. Past reviews of pesticide use reports indicate that numerous copper compounds are applied to crops throughout the Coalition

region. We have not reviewed the applications in these specific subwatersheds during the same general period of time in 2005, but we will review those reports. We have requested the Pesticide Use Reports for the subwatersheds above for the period preceding the sampling to determine if applications of copper were made. Using use information from 2005 and 2006, we will be able to determine the sources of applications in 2006 and also determine if there are consistent applications across years.

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 3. Time Schedule: *E. coli*/TDS Exceedances

Action	Anticipated Completion Date
Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	December 31, 2006
Perform Bacterial ID Study	December 31, 2006
Perform TDS Source Study	June 30, 2007
Outreach/BMP Education	April 30, 2007
Evaluation Report	September 30, 2007

Justification for dates:

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance for chlorpyrifos and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified for chlorpyrifos applications and circulated to the growers in the subwatersheds.

Perform Bacterial ID Study – Samples have already been collected and the analysis is underway. We anticipate that the analysis may take a few months followed by the report writing.

Perform TDS study –The study design is still under development, but the Coalition hopes to initiate sampling during the winter storm events and continue into the spring irrigation season. However, we are not sure how long we will need to sample before we are confident we can source the water in the system. Consequently, our date is listed as June 30, 2007 to be conservative.

Outreach/BMP education – Although the dates have not yet been established, there will be a series of meetings held across the coalition region concerning management of pesticides. When those dates are finalized, we will provide them to the Regional Board.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by September 30, 2007.

Table 4. Time Schedule: Copper Exceedances

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	October 31, 2006
Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	December 31, 2006
Outreach/BMP education	April 30, 2007
Evaluation report	September 30, 2006

Obtain Pesticide Use Reports – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from 1-5 months after they are filed with the County Agricultural Commissioners. Although we have received the reports for the Merced sites, we have not yet had time to sort and review those reports. We expect the Stanislaus County and Madera County reports in the near future but the timing for obtaining these reports is beyond our control. Madera County is often slower and we may need an additional month to acquire those use reports.

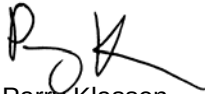
Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance for chlorpyrifos and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified for chlorpyrifos applications and circulated to the growers in the subwatersheds.

Outreach/BMP education – Although the dates have not yet been established, there will be a series of meetings held across the coalition region concerning management of pesticides. When those dates are finalized, we will provide them to the Regional Board. In addition to meetings with growers, the Coalition has started working with registrants and pest control advisors to provide the information they will need to provide education to growers from that perspective. There have been meetings held within the last two months and a meeting is tentatively scheduled to be held on September 25 to discuss chlorpyrifos exceedances, outreach, and the management practices.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by September 30, 2007.

Let us know if further explanation or documentation is necessary.



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September 15, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Wendy and Dana:

We are submitting the formal Communication Report for exceedances of the Electrical Conductivity (EC) and pH receiving water limitations for the sites in the table below. Sampling occurred on July 11-13, 2006, and the Exceedance Report was filed on July 14, 2006. No other parameters measured in the field experienced exceedances.

Table 1: Field exceedances experienced in receiving waters sampled for the ESJWQC on July 11-13, 2006 during the third irrigation sampling of 2006.

Site Name	Sample Date	Season	pH	EC (µS/cm)
Prairie Flower Drain @ Crows Landing Rd	7/13/06	Irrigation	8.85	1560
Hilmar Drain @ Central Ave	7/13/06	Irrigation		1096

1. Follow-up monitoring and analyses conducted.

Samples taken on 7/13/06 from both Prairie Flower Drain @ Crows Landing Rd and Hilmar Drain @ Central Ave also resulted in toxicity for *Pimephales* sp. and *Selenastrum* sp. (toxicity Exceedance Report sent 7/20/06). As a result, both sites were re-sampled on 7/20/06. Prairie Flower Drain @ Crows Landing Rd experienced an exceedance in EC of 1950 µS/cm (field Exceedance Report sent 8/7/06) during the 7/20/06 re-sampling event and also during the 8/10/06 sampling event for Irrigation 4 (field Exceedance Report sent 8/11/06). There were no exceedances at Hilmar Drain @ Central Ave during the 7/20/06 or 8/10/06 samplings.

EC exceedances at the Prairie Flower Drain site are experienced in nearly every sampling event and we believe that we have documented that the elevated EC is persistent across long periods of time. pH is also a common exceedance for both sites and varies from month to month.

2. Actions taken to identify the source of the exceedance.

EC

Elevated conductivity may be due to anthropogenic factors, as well as natural soil geological conditions. Irrigation water can originate from surface storage facilities or ground water. Both of these have distinct oxygen and deuterium isotopic signatures. Water entering the drains comes from seepage into the drains from shallow ground water, direct discharge from surface irrigation return flows or rainfall events, and discharge from field drains. These also have distinct isotopic signatures depending on the origin of the water for irrigation. Additionally, since the source of the ions in the different source waters is different, we can use the combination of specific ions and the isotopic signatures of the water to determine the relative source contribution to the water in the drains. With an understanding of the source of the ions, we can effectively develop a management approach to present to the growers in the two watersheds.

The samples taken from Hilmar Drain during this event also experienced exceedances in copper and chlorpyrifos, both of which may be contributors to the elevated levels of electrical conductivity. Chlorpyrifos detection in the drain is most certainly a consequence of agricultural practices, and pesticide use reports for applications previous to the sampling event will help the Coalition to identify the exact source(s) of the problem. On the other hand the source of copper in the water body is less clear. Issues regarding source identification and remediation will be addressed in the communication reports for those constituents.

pH

There are two potential causes of pH outside the range (6.5 – 8.5) specified in the Basin Plan. First, substances with very low or very high pH could have been added to the water or been the result of a spill. However, given the normal buffering capacity of the stream systems in the Valley, the pH of the contaminant would have to be considerably high or low and would probably have resulted in noticeable fish kills and the death of other biota in the streams. No such kills were observed and consequently, it is unlikely that the pH exceedances were the result of spills or deliberate dumping into the water bodies.

Control of pH in surface waters is a function of the balance between the buffering capacity of the water and the relative amount of photosynthesis. Unless waters are extremely oligotrophic, pH usually varies diurnally. During daylight hours, when photosynthesis is occurring, carbon dioxide is fixed as plant material reducing the CO₂ concentration of the water and causing a dissociation of the carbonic acid present in the water and the pH rises. At night, respiration is the driving force, resulting in a decrease in dissolved oxygen, an increase in CO₂ and a decline in pH. In a diurnal cycle, the lowest pH is expected at dawn because CO₂ produced by decomposition and aerobic respiration would have accumulated since the previous dusk. Conversely highest pH is expected during the daylight hours, because pH rises at the rate at which carbon dioxide is fixed by plants. Sampling at Prairie Flower Drain @ Crows Landing Rd occurred in the middle of the afternoon at 1:30pm at a time when CO₂ fixation may have been occurring rapidly and thus been a factor in the elevated pH. Both pH and dissolved oxygen may also be affected by anthropogenic sources (e.g., elevated nutrients resulting in increased algae populations can result in elevated pH readings).

Identifying the exact source of a pH exceedance is particularly difficult, and may be impossible with the resources and tools available. Most likely, the exceedance is a function of both in-stream and landscape processes that interact in a dynamic manner to control pH. These processes are expected to change over time making tracking sources for past events nearly impossible. For example, benthic algae are primarily responsible for the photosynthesis that occurs in small surface water bodies. The amount of benthic algae, particularly but limited to filamentous algae, that can build up at a site is a function of the substrate and the flow. As an alga grows, it becomes heavy and is capable of being captured by the current in the stream. When the flow generates sufficient shear stress on the alga, it is sheared off and moves downstream being broken up as it moves. This process of growth and shearing may occur several times over the summer depending on the nutrient inputs and the flow. If flows vary as a result of irrigation return flows or runoff events, the cycle may be very rapid. If the flows are reduced, sufficient shear stress may not be developed and the alga will remain in place for a longer period of time. As flows change and the wetted surface area of the stream changes, the locations of alga growth can change as well. Finally, since pH is a function of diurnal changes in photosynthesis, the exceedance may be solely a result of the timing of the measurement.

We reviewed the nutrient data from the site on that date and found that there were what could be considered to be slightly elevated levels of nutrients. Nitrate as nitrogen was found at 8 mg/L and orthophosphate was present at 0.55 mg/L which are levels that could sustain algal and rooted aquatic macrophyte production driving the diurnal cycle of pH. The N:P ratio of these two nutrients is about 14.5:1. There is considerable debate in the literature about the N:P ratio

and limiting nutrients, but most sources suggest that this ratio indicates that the system is phosphorus limited.

3. Complete analytical results

Complete analytical results for field data are in the form of field sheets. The field sheets for the monitoring event are provided by Pacific EcoRisk. Those reports are provided with this communication report as a separate attachment.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

EC

After conducting a study later this year that will help us to determine the source(s) of EC (i.e. source of salts in the surface waters), we will better be able to address the proper implementation of management practices. We will file an addendum to this Communication Report with the results of the study and management plans, if any, that are to be implemented in the watershed.

pH

At this time, it is not possible to implement management practices to address pH. This is the second exceedance of pH at the Prairie Flower Drain @ Crows Landing Road site this year, and we will continue to monitor pH to detect any patterns in exceedances that might be present.

Time schedule:

Action	Anticipated Completion Date
Proposed EC Isotopic Study to Identify Potential Sources	December 31, 2006

Time Schedule Justification:

The proposed EC Isotopic Study has been delayed, as contracting with the stable isotope laboratory has been slower than anticipated. The Coalition is currently working on the analyses needed for the *E. coli* source study that is underway. The EC Isotopic Study will begin as soon as results are complete for the *E. coli* study in the Fall of 2006 and sampling for the study will be initiated. Lab tests and the receipt and analysis of the results should be complete by the end of December 2006.

Let us know if further explanation or documentation is necessary.



Parry Klassen
559-325-9855



Wayne Zipser
209-522-7278

East San Joaquin Water Quality Coalition

1201 L Street
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www.esjcoalition.org

September 22, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the toxicity exceedances reported on July 21, 2006 (see Table 1). Sampling occurred during the third irrigation event at these sites on July 13, 2006.

Table 1. Toxicity results from Irrigation 3 sampling on July 13, 2006 sampling event.

Site	Sample Date	Season	Toxicity	
			<i>Pimephales</i> sp. (%control)	<i>Selenastrum</i> sp. (%control)
Hilmar Drain @ Central Avenue	7/13/2006	Irrigation	-	36
Prairie Flower Drain @ Crows Landing Road	7/13/2006	Irrigation	8	-

1. Follow-up monitoring and analyses conducted.

Both Hilmar Drain @ Central Avenue and Prairie Flower Drain @ Crows Landing Road sites have shown water toxicity once previously this year, both in samples taken on March 16, 2006 (reported in the March 23, 2006 Exceedance Report). The fourth Irrigation sampling event, that occurred on August 10, 2006, showed no toxicities for samples taken at either of these sites.

Due to a greater than 50% reduction in both samples, toxicity Identification Evaluation (TIE) testing was initiated for Hilmar Drain @ Central Avenue and Prairie Flower Drain @ Crows Landing Road sites. Both sites were also re-sampled on July 20, 2006 and tested for persistence of toxicity.

The toxicity observed in the Hilmar Drain @ Central Avenue ambient sample was not observed during the TIE testing indicating that the toxicity in the sample was not persistent. In addition, the re-sampling of the Hilmar Drain @ Central Avenue site showed insignificant (greater than 80% survival compared to control) toxicity, indicating a lack of persistence in toxicity also at the site.

TIE testing of the Prairie Flower Drain @ Crows Landing Road sample produced 100% mortality within the untreated sample. However, removal of ammonia from the sample with Zeolite completely removed the toxicity from the water sample and increased survivability of *Pimephales* sp. to 100% (see Table 2). These results indicate that the toxicity was a result of ammonia in the water. We checked the chemistry data from that date and found that the concentration of ammonia was 18 mg/L and the concentration of ammonia measured by the laboratory prior to setting up the toxicity test was 16.8 mg/L indicating that sufficient ammonia was present to cause the toxicity.

Table 2. TIE results for the Prairie Flower Drain @ Crows Landing Road ambient water sample.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation blank	100
Centrifugation + C ₁₈ SPE Blank	100
PBO blank	90
Zeolite Blank	100
Zeolite/Ammonia Blank	100
Baseline (untreated 100% ambient sample)	0
Centrifuged sample	0
Centrifuged + C ₁₈ SPE-treated sample	10
PBO-treated sample	0
Zeolite Baseline	100
Zeolite/Ammonia	0

The re-sampling of Prairie Flower Drain @ Crows Landing Road resulted in toxicity towards *Pimephales*, showing 70% survival. These results indicate that the toxicity observed on July 13, 2006 in the Prairie Flower Drain was persistent, albeit reduced (see Table 3).

Table 3. Toxicity results from re-samples collected on July 20, 2006.

Site	Toxicity	
	<i>Pimephales</i> sp. (% survival)	Control (% survival)

East San Joaquin
Water Quality Coalition

December 2006 SAMR

2. Actions taken to identify the source of the exceedance.

The July 13, 2006 sample from Hilmar Drain @ Central Avenue produced the following exceedances: EC (reported in the July 14, 2006 Exceedance Report); *E. coli*, TDS, and copper (reported in the August 24, 2006 Exceedance Report); and chlorpyrifos (reported in the August 29, 2006 Exceedance Report). Based on the exceedance list above, we suspect that copper [31 µg/L] was the cause of the toxicity in the sample, although copper would be expected to remain in solution and toxicity would be expected during the TIE. It is possible that a herbicide in conjunction with copper could be the cause of the toxicity, and the herbicide degraded to the point where it was no longer toxic. However, a review of the water chemistry indicated that no herbicide was detected. Pesticide Use Reports (PUR) have been requested and we will determine if a herbicide was applied for which we did not test.

Given the results of the TIE testing of the Prairie Flower Drain @ Crows Landing Road site, it would appear ammonia was the primary constituent producing toxicity within the sample.

3. Complete analytical results

Complete analytical results are attached electronically this communication report.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

The time schedule is:

Action	Anticipated Completion Date
Receive and Evaluate PUR	November 30, 2006
Contact Growers in Watersheds	October 30, 2006
Perform Management Practices Survey	October 30, 2006
Implement Outreach/BMP Education	December 31, 2006
Evaluation Report	August 30, 2007

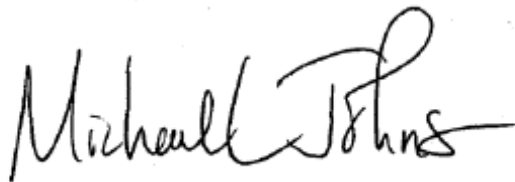
The rationale for these dates is as follows:

6. PUR receipt by November 30, 2006 – Pesticide use reports for Madera County are provided on a quarterly basis, usually at the end of the quarter following the quarter of interest. We are allowing an additional month as a contingency in case the delivery of the data is delayed.

7. Contact growers by October 30, 2006 – A letter will be sent to all growers/operators in the watershed by this date. Applications during June are not repeated in September or October and the October 30 date allows growers to finish harvest and devote time to responding to information provided to them by the Coalition.
8. Perform Management Practices Survey by October 30, 2006 – The survey will accompany the letter of notification of the exceedances.
9. Implement outreach/BMP education by December 31, 2006 – A meeting in each of the two subwatersheds will be scheduled during the fall. Because we are unsure of the potential dates and locations available for meetings, a conservative estimate for the completion of the meetings is the end of the calendar year.
10. Evaluation report by August 30, 2007 – The June applications are a possibility each year. Management practice education would be put into effect during the next growing season, and data available in July 2007 will provide an indication of whether the implementation of management practices could be effective. A 30 day period after receipt of the data is requested to allow time to receive the data and write the Evaluation Report.

Let us know if further explanation or documentation is necessary.

Michael L. Johnson

A handwritten signature in black ink that reads "Michael Johnson". The signature is written in a cursive, flowing style with a large initial "M" and "J".

Technical Program Manager

From: Michael Johnson [mbjohnson@ucdavis.edu]
Sent: Wednesday, September 27, 2006 10:29 AM
To: 'Dana Kulesza'
Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'
Subject: amended Communication Report

Attachments: ESJWQC_06_CR_Pesticide_Irrigation1_091206_amended.doc
Hi Dana,

Thank you for your comments regarding the communication report for the May 17-18 chlorpyrifos exceedances. The Duck Slough sample results have been deleted from the report and we have attached an amended version to this reply. We placed the results in the Communication Report because the Management Plan has yet to be accepted and we felt that until we received formal acceptance, we should include Duck Slough in the Communication Report. The Coalition will deal with all follow up actions for Duck Slough through the Management Plan itself and will cease to submit communication or evaluation reports (unless such reports are a part of the Management Plan) as requested.

With regards to our time schedule of contacting growers, please refer to our enclosed letter that will more thoroughly articulate the Coalition's rationale for the stated outreach plan.

If further explanation is needed, feel free to contact me.

Mike Johnson
Technical Program Manager

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September 12, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting an amended communication report for the exceedances of chlorpyrifos reported on July 11, 2006 (see Table 1 below). Our previous report included results from samples taken from Duck Slough. Sample results from this site will be accounted for in the Coalition's Management Plan and have been removed from this report. All other aspects of the report remain unchanged.

Table 1: Pesticide exceedances from the ESJWQC region for samples collected during Irrigation sampling from May 16-17, 2006.

Station Name	Sample Date	Chlorpyrifos (µg/L)
Bear Creek @ Kibby Rd	5/17/2006	0.52
Mustang Creek @ East Ave	5/18/2006	0.033

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed immediately after the original sampling date. The results were received from the analytical laboratory on July 9, 2006, approximately one and a half months past the original sample date. Sampling for the Irrigation 2 sampling event occurred on June 13-15, 2006 and for the Irrigation 3 sampling event on July 11-13, 2006. No pesticides have been detected at the sample sites listed in Table 1 this year prior to, or since May 17 and 18, 2006.

Because complete toxicity was experienced at Bear Creek , dilution series and TIEs were initiated on the samples. Results indicate that the concentration of chlorpyrifos was sufficient to cause the toxicity (see below).

2. Actions taken to identify the source of the exceedance.

For the chlorpyrifos detected during this monitoring event we have requested the Pesticide Use Reports for the period immediately preceding the monitoring event. During this event samples taken from Bear Creek @ Kibby Road (which showed the highest concentration of chlorpyrifos) experienced complete mortality to Ceriodaphnia. Dilution series tests indicated that there were 10.2 Toxic Units (TUa) at Bear Creek. The TIEs performed indicated that a metabolically activated pesticide was responsible for the toxicity. No other organophosphate pesticides were detected at the site. Using the range for 48hr LC50 of 0.05 – 0.08 µg/L, all of the toxicity at both sites is accounted for by the amount of chlorpyrifos in the water. There was no toxicity to any other test organism. These results indicate that the chlorpyrifos concentration in the water body was the primary cause of the water toxicity for that event. No detections of chlorpyrifos at any of the sites indicated in this report have exceeded the ambient water quality limits since this monitoring event (per lab results to date).

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 2. Time Schedule: Pesticide Exceedances

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	September 30, 2006
Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	December 31, 2006
Outreach/BMP Education	April 30, 2007
Evaluation Report	September 30, 2007

Justification for dates:

Obtain Pesticide Use Reports – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from 1-5 months after they are filed with the

County Agricultural Commissioners. Although we have received the reports for the Merced County sites, we have not yet had time to sort and review those reports. We expect the Stanislaus County reports in the near future but the timing for obtaining these reports is beyond our control.

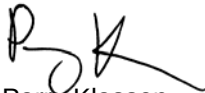
Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance for chlorpyrifos and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

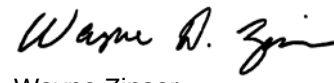
Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified for chlorpyrifos applications and circulated to the growers in the subwatersheds.

Outreach/BMP education – Although the dates have not yet been established, there will be a series of meetings held across the coalition region concerning management of pesticides. When those dates are finalized, we will provide them to the Regional Board. In addition to meetings with growers, the Coalition has started working with registrants and pest control advisors to provide the information they will need to provide education to growers from that perspective. There have been meetings held within the last two months and a meeting is tentatively scheduled to be held on September 25 to discuss chlorpyrifos exceedances, outreach, and the management practices.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by September 30, 2007.

Let us know if further explanation or documentation is necessary.


Parry Klassen
559-325-9855


Wayne Zipser
209-522-7278

From: Michael Johnson [mbjohnson@ucdavis.edu]
Sent: Wednesday, September 27, 2006 10:35 AM
To: 'Dana Kulesza'
Cc: 'Parry Klassen'; 'Melissa Turner'; 'Krista Callinan'; 'Francisca Johnson'; mbjohnson@ucdavis.edu; 'Lara Reising'
Subject: amended Communication Report and memo

Attachments: ESJWQC_06_CR_E coliTDS_Irrigation1_091206_amended.doc;
Dana memo grower contacts 092706.doc

Hi Dana,

With regards to your inquiries on the time schedule for contacting growers please see the attached memo referred to in our previous email response.

Thank you for your responses regarding edits to be made to our communication report submission from September. Edits have been made to the report and an amended version is attached to this email.

Contact me if you have any further questions or comments.

Mike Johnson
Technical Program Manager

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September 26, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting an amended communication report for the physical parameter and metal exceedances reported on July 10, 2006 and amended August 10 (see Table 1 below). All references to chlorpyrifos which are not relevant to this report have been deleted, and the anticipated completion date for the Evaluation Report has been adjusted to read "September 30, 2007." All other aspects of this report remain the same.

Table 1. Physical parameter and metals exceedances in the ESJWQC region for samples collected on May 16-18, 2006.

Site	E. coli	TDS	Copper	Copper Criterion1	Hardness
	MPN/100mL	mg/L	µg/L	4-day avg total recoverable	mg/L
Prairie Flower Drain @ Crows Landing Rd	550	1700			
Hilmar Drain @ Central Ave	≥2400				
Dry Creek @ Wellsford Rd	280				
Silva Drain @ Meadow Dr	1300				
Black Rascal Creek @ Yosemite Rd	≥2400				
Mustang Creek @ East Ave	≥2400				

Dry Creek @ Road 18	1600	4.3	1.948728	16
Ash Slough @ Ave 21		4.8	2.558179	22
Duck Slough @ Gurr Rd	2000			
Duck Slough @ Pioneer Rd	280			
Jones Drain @ Oakdale Rd	2400	12	3.896649	36
Deadman's Creek @ Gurr Rd	1200			
Cottonwood Creek @ Road 20		4.4	3.523558	32

¹Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and are based on the 4-day average maximum for total recoverable metals
http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls

Copper Criterion = $\exp\{0.8545[\ln(\text{hardness})] - 1.702\}$

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed immediately after the original sampling date. The results were received from the analytical laboratory on July 5, 2006, approximately one and a half months past the original sample date. Sampling for the Irrigation 2 sampling event occurred on June 13-15, 2006 and for the Irrigation 3 sampling event on July 11-13, 2006.

E. coli has been detected this year in several of the sites on sampling dates proceeding and following the May sampling. Exceedances of total dissolved solids (TDS) have been measured twice for the Prairie Flower Drain @ Crows Landing Road site in March of this year and during the Irrigation 2 and 3 sampling events as well. Since the first Irrigation sampling, copper exceedances have been detected in the June, July, and August sampling events at various sites, but most frequently at Dry Creek @ Road 18, Ash Slough, Jones Drain, and Duck Slough.

2. Actions taken to identify the source of the exceedance.

E. coli

E. coli is a general indicator of bacterial contamination and it is not clear what sources contribute to the coliform load. A follow-up study identifying the source of *E. coli* in Coalition water bodies was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) with in

the Coalition region during non-monitoring events. Analyses to identify the source of the bacteria are currently underway. Using these samples, we extract the DNA from the bacteria in the water, amplify the DNA signal using real-time PCR, and then use primers specific to various species to match the bacterial DNA sequences with bacterial sequences from known sources, e.g., humans, cows, sheep, dogs, birds, etc. Once we understand the relative contribution of these sources, we can use the information gathered on grazing practices and water management to develop an appropriate management strategy.

The study monitoring plan and the QAPP were provided as an attachment to the May 25, 2006 Communication Report, and a revised monitoring plan and QAPP were submitted for the ESJWQC on September 1, 2006. This is the study originally proposed in the October 25, 2005 Communication Report, and includes all watersheds for which exceedances were found during the 2005 dormant and irrigation seasons. The field work began August 22, 2006 for those watersheds mentioned above within the ESJWQC, and the laboratory work to identify the DNA is currently underway. We expect to have the results of the analysis shortly.

TDS

Potential sources of TDS are upstream surface water, ground water, or drain water from irrigated agriculture. Consequently, although TDS is a nonpoint source input to most water bodies, it is possible that there are point source inputs from field drains. Recent conversations with the Turlock Irrigation District indicate that ground water is very shallow and that many of the field drains function to remove the shallow ground water from the fields and move the water to the Prairie Flower and Hilmar drains. Also, the main drains have locations in which the bottom is mud and the drains could be gaining water directly from shallow ground water. To determine the relative contribution of salt from the potential sources, the ESJWQC Coalition is in the process of developing a study to determine the source of the water in the Prairie Flower and Hilmar drains and consequently, the source of the TDS in those drains.

We will use a combination of sampling water above irrigated agriculture in each of the watersheds and sampling within the watersheds to identify potential sources of TDS. We will attempt to use isotopic techniques to determine if the water containing the ions originated as surface water, shallow ground water, or deep ground water. We hope to complete the study design and submit it to the Regional Board for review within a short period of time.

Copper

Copper in surface water can originate from two sources; natural weathering of rocks and soils, and pesticides. Past reviews of pesticide use reports indicate that numerous copper compounds are applied to crops throughout the Coalition

region. We have not reviewed the applications in these specific subwatersheds during the same general period of time in 2005, but we will review those reports. We have requested the Pesticide Use Reports for the subwatersheds above for the period preceding the sampling to determine if applications of copper were made. Using use information from 2005 and 2006, we will be able to determine the sources of applications in 2006 and also determine if there are consistent applications across years.

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 3. Time Schedule: *E. coli*/TDS Exceedances

Action	Anticipated Completion Date
Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	December 31, 2006
Perform Bacterial ID Study	December 31, 2006
Perform TDS Source Study	June 30, 2007
Outreach/BMP Education	April 30, 2007
Evaluation Report	September 30, 2007

Justification for dates:

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified and circulated to the growers in the subwatersheds.

Perform Bacterial ID Study – Samples have already been collected and the analysis is underway. We anticipate that the analysis may take a few months followed by the report writing.

Perform TDS study –The study design is still under development, but the Coalition hopes to initiate sampling during the winter storm events and continue into the spring irrigation season. However, we are not sure how long we will need to sample before we are confident we can source the water in the system. Consequently, our date is listed as June 30, 2007 to be conservative.

Outreach/BMP education – Although the dates have not yet been established, there will be a series of meetings held across the coalition region concerning management of pesticides. When those dates are finalized, we will provide them to the Regional Board.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by September 30, 2007.

Table 4. Time Schedule: Copper Exceedances

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	October 31, 2006
Contact Growers in Watersheds	November1, 2006
Perform Management Practices Survey	December 31, 2006
Outreach/BMP education	April 30, 2007
Evaluation report	September 30, 2007

Obtain Pesticide Use Reports – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from 1-5 months after they are filed with the County Agricultural Commissioners. Although we have received the reports for the Merced sites, we have not yet had time to sort and review those reports. We expect the Stanislaus County and Madera County reports in the near future but the timing for obtaining these reports is beyond our control. Madera County is often slower and we may need an additional month to acquire those use reports.

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance for this monitoring event and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified and circulated to the growers in the subwatersheds.

Outreach/BMP education – Although the dates have not yet been established, there will be a series of meetings held across the coalition region concerning management of pesticides. When those dates are finalized, we will provide them to the Regional Board. In addition to meetings with growers, the Coalition has started working with registrants and pest control advisors to provide the information they will need to provide education to growers from that perspective. There have been meetings held within the last two months and a meeting is tentatively scheduled to be held on September 25 to discuss particular exceedances, outreach, and the management practices.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by September 30, 2007.

Let us know if further explanation or documentation is necessary.



Parry Klassen
559-325-9855



Wayne Zipser
209-522-7278

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354
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October 2, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the re-sample toxicity reported on July 28, 2006 (see Table 1 below). This re-sampling event occurred during the third irrigation season on July 20, 2006 and was in response to the original exceedances experienced during the July 13, 2006 sampling (Exceedance Report submitted July 14, 2006; Communication Report submitted September 22, 2006).

Table 1. Toxicity results from the July 20, 2006 re-sampling event after the Irrigation 3 sampling event.

Site	<i>Pimephales</i> Toxicity	
	% Survival	% Control
Prairie Flower Drain @ Crows Landing Road	70	70

1. Follow-up monitoring and analyses conducted.

The Prairie Flower Drain @ Crows Landing Road site has shown water toxicity (to *Ceriodaphnia*) once previously this year, in samples taken on March 16, 2006 (reported in the March 23, 2006 Exceedance Report). Additional sampling of the site occurred for the Irrigation 4 and 5 sampling seasons on August 10 and

September 14, 2006. No toxicity exceedances were observed from either the Irrigation 4 or 5 samplings of that site.

Toxicity Identification Evaluation (TIE) testing was initiated for the Prairie Flower Drain @ Crows Landing Road site in response to the July 13, 2006 sampling. Results of those tests indicated ammonia to be the main toxic agent.

The re-sampling of Prairie Flower Drain @ Crows Landing Road showed greater than 50% survival compared to the control and therefore did not trigger another TIE. However, the July 20, 2006 re-sample did decrease the survival of *Pimephales* sp. within the untreated sample. These results indicate that the toxicity observed on July 13, 2006 at the Prairie Flower Drain @ Crows Landing Road site was persistent, albeit reduced. Total ammonia in the July 13th sample was 16.8 mg/L whereas the re-sample on July 20th was reduced to 5.2 mg/L and unionized ammonia was reduced from 1.91 to 0.04 mg/L. The 48 hr total ammonia LC₅₀ for *Ceriodaphnia* is 9 mg/L (Cowgill and Milazzo 1991) and 1.43 mg/L for unionized ammonia (Nimmo et al. 1989) (both references found in: H. B. Andersen and J. A. Buckley. 1998. Acute Toxicity of Ammonia to *Ceriodaphnia dubia* and a Procedure to Improve Control Survival. Bulletin of Environmental Contamination and Toxicology, 61:116-122, <http://dx.doi.org/10.1007/s001289900737>). The original sample collected on July 13th contained concentrations for both types of ammonia greater than reported LC₅₀s whereas the resample had values below.

2. Actions taken to identify the source of the exceedance.

Given the results of the previous TIE on the Prairie Flower Drain @ Crows Landing Road sample, it appears that ammonia was the primary source of toxicity and although at a lesser concentration was still persistent at the site one week later. This site has been sampled 13 times in the last 2 years with total ammonia ranging from 0-2.9 mg/L prior to the July sampling event in 2006. The amount experienced in the July 13th sample is almost 16X the average ammonia amount for this site and appears to be an anomaly resulting in concentrations of ammonia (both total and unionized) that would result in *Ceriodaphnia* mortality. Follow-up sampling was conducted on August 10, 2006 as part of monthly Irrigation sampling. No toxicity was experienced at this site on this date and ammonia does not appear to be an issue after the July sampling. Possible sources of ammonia are inputs from waste water treatment plants, dairy waste, fertilizer input, and natural nitrogen dynamics. The decay of organic material can lead to the production of ammonia, but the ammonia is rapidly converted to nitrite and then to nitrate in the water column. Similarly, application of nitrogen fertilizer as anhydrous ammonia results in the rapid transformation of the ammonia to nitrite and nitrate. Nitrate was found at 8.0 mg/L during the July 13 sampling event, and no nitrogen data was collected during the re-sample period. The

amount of nitrogen in the July 13 sample is high indicating that there could have been transformation of the ammonia, but it does not provide any information as to potential sources. It is unlikely that application of fertilizer is the cause of the high levels of ammonia in the system, and it is unknown if the breakdown of organic material is resulting in the high ammonia levels. No use reports are filed for fertilizer applications. At this point, identifying the source of the exceedance will be difficult because the lack of consistent exceedances and the number of potential sources is high. Although we will contact growers and implement outreach on fertilizer management, if no further exceedances are detected, identification of the source for this exceedance will be impossible.

3. Complete analytical results

Complete analytical results are attached electronically to this communication report.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

The time schedule is:

Action	Anticipated Completion Date
Contact Growers in Watersheds	November 30, 2006
Perform Management Practices Survey	November 30, 2006
Implement Outreach/BMP Education	March 31, 2007
Evaluation Report	September 30, 2007

The rationale for these dates is as follows:

11. Contact growers by November 30, 2006 – A letter will be sent to all growers/operators in the watershed by this date. Applications during June are not repeated in September or October and the October 30 date allows growers to finish harvest and devote time to responding to information provided to them by the Coalition.
12. Perform Management Practices Survey by November 30, 2006 – The survey will accompany the letter of notification of the exceedances.
13. Implement outreach/BMP education by March 31, 2007 – A meeting in the sub-watershed area will be scheduled during the fall. Because we are unsure of the potential dates and locations available for the meeting, a conservative estimate for the completion of the meeting is the end of the calendar year.

14. Evaluation report by August 30, 2007 – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by September 30, 2007. This allows a full growing season and the time to receive the results of the laboratory analyses from the July monitoring.

Let us know if further explanation or documentation is necessary.

Michael L. Johnson

A handwritten signature in black ink that reads "Michael Johnson". The signature is written in a cursive style with a large, stylized "M" and "J".

Technical Program Manager

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354
www.esjcoalition.org

October 4, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the physical parameter and metal exceedances reported on August 2 and then amended on August 10, 2006 (see Table 1). Sampling occurred at these sites on June 13-15, 2006 during the second irrigation monitoring event of 2006. The Exceedance Report(s) that initiated this Communication Report included samples from Duck Slough and Ash Slough. Sample results from the Duck Slough and Ash Slough sites will be accounted for in the Coalition's Management Plan and have been omitted from this report.

Table 1. Physical parameter and metals exceedances in the ESJWQC region during the June 13-15, 2006 sampling event. Water quality objectives used to determine exceedances are listed under each analyte. Copper criteria are based off of hardness indicated in the adjacent column.

Site	E. coli	Total Dissolved Solids	Copper	Copper Criterion1	Hardness
	235 MPN/100mL	100 mg/L	µg/L	4-day average total recoverable	mg/L
Berenda Slough @ Dairyland Road	460				
Black Rascal Creek @ Yosemite Road	490				
Cottonwood Creek @ Road 20			8	3.14	28

Deadman's Creek @ Gurr Road	310			
Dry Creek @ Road 18		6.3	1.52	12
Dry Creek @ Road 18 FD		5.5		
			2.16	18
Jones Drain @ Oakdale Road	>2400	2.7	2.56	22
Mustang Creek @ East Avenue	>2400			
Prairie Flower Drain @ Crows Landing Road	1300	1700		

¹Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and are based on the 4-day average maximum for total recoverable metals (http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls)
Copper Criterion = $\exp\{0.8545[\ln(\text{hardness})] - 1.702\}$

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed immediately after the original sampling date as the results were received almost a month after the sampling date. However, sampling for the Irrigation 3 and 4 sampling events occurred on July 11-13 and August 8-10, 2006, respectively.

E. coli and total dissolved solids (TDS) have been detected this year in several of the sites listed in Table 1 on sampling dates prior to June 13-15, 2006. No *E. coli* or TDS exceedances have been detected for the Ash Slough @ Avenue 21, Berenda Slough @ Dairyland Road, or Black Rascal Creek @ Yosemite Road sites since the June 13-15, 2006 sampling event.

The Cottonwood Creek @ Road 20 and Dry Creek @ Road 18 sites experienced exceedances in copper once previously this year during the May 16-18 sampling event (Exceedance Report submitted July 10, 2006). It should be noted that copper was not tested for prior to the May 16-18, 2006 sampling. The Dry Creek @ Road 18 site experienced exceedances in copper during both the July 11-13 and August 8-10, 2006 sampling events (Exceedance Reports submitted August 24, 2006 and September 13, 2006, respectively). The Cottonwood Creek @ Road 20 site has not experienced any further copper exceedances.

The Deadman's Creek @ Gurr Road site experienced an exceedance in *E. coli* during both the July 11-13 and August 8-10, 2006 sampling events (Exceedance Reports submitted August 24, 2006 and September 13, 2006, respectively). The Mustang Creek @ East Avenue site experienced exceedances in *E. coli* during the July 11-13, 2006 sampling event (Exceedance Report submitted September 13, 2006).

The Jones Drain @ Oakdale Road site experienced exceedances in both *E. coli* and copper previously during the May 16-18, 2006 sampling event and during both the July 11-13 and August 8-10, 2006 sampling events (Exceedance Reports submitted August 24, 2006 and September 13, 2006, respectively).

The Prairie Flower Drain @ Crows Landing Road site experienced exceedances in both *E. coli* and TDS previously during the May 16-18, 2006 sampling event and during both the July 11-13 and August 8-10, 2006 sampling events (Exceedance Reports submitted August 24, 2006 and September 13, 2006, respectively).

2. Actions taken to identify the source of the exceedance.

E. coli

E. coli is a general indicator of bacterial contamination and it is not clear what sources contribute to the coliform load. A follow-up study identifying the source of *E. coli* in Coalition water bodies was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) within the Coalition region during non-monitoring events. Analyses to identify the source of the bacteria are currently underway. Using these samples, DNA will be extracted from the bacteria in the water, amplified using real-time PCR, and then, using primers specific to various species, the bacteria will be matched with bacterial sequences from known sources, e.g., humans, cows, pigs, dogs, birds, etc. Once we understand the relative contribution of these sources, we can use the information gathered on grazing practices and water management to develop an appropriate management strategy.

The study monitoring plan and the QAPP were provided as an attachment to the May 25, 2006 Communication Report, and a revised monitoring plan and QAPP were submitted for the ESJWQC on September 1, 2006. This is the study originally proposed in the October 25, 2005 Communication Report, and includes all watersheds for which exceedances were found during the 2005 dormant and irrigation seasons. The field work began August 22, 2006 for those watersheds mentioned above within the ESJWQC, and the laboratory work to identify the DNA is currently underway. We expect to have the results of the analysis shortly.

TDS

Potential sources of TDS are upstream surface water, ground water, or drain water from irrigated agriculture. Consequently, although TDS is a nonpoint source input to most water bodies, it is possible that there are point source inputs from field drains. Recent conversations with the Turlock Irrigation District indicate that ground water is very shallow and that many of the field drains

function to remove the shallow ground water from the fields and move the water to the Prairie Flower and Hilmar drains. Although Hilmar drain did not experience a TDS water quality exceedance during this sampling period, it is an area that has repeatedly had high EC and TDS results and will be included in a TDS source study. These two main drains have locations in which the bottom is mud and the drains could be gaining water directly from shallow ground water. To determine the relative contribution of salt from the potential sources, the ESJWQC Coalition is in the process of developing a study to determine the source of the water in the Prairie Flower and Hilmar drains and consequently, the source of the TDS in those drains.

We will use a combination of sampling water above irrigated agriculture in each of the watersheds and sampling within the watersheds to identify potential sources of TDS. We will attempt to use isotopic techniques to determine if the water containing the ions originated as surface water, shallow ground water, or deep ground water. We hope to complete the study design and submit it to the Regional Board for review within a short period of time.

Copper

Copper in surface water can originate from two sources: natural weathering of rocks/soils and pesticides. Past reviews of Pesticide Use Reports (PURs) indicate that numerous compounds containing copper have been applied to crops throughout the Coalition region. We are in the process of reviewing the 2005 irrigation season applications for the subwatersheds of concern. We have requested the PURs for the period preceding the June 13-15, 2006 sampling to determine if applications of copper were made. By analyzing the use information from 2005 and 2006, we will be able to determine the sources of applications in 2006 and also determine if there are consistent applications across years.

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 2. Time Schedule: *E. coli*/TDS Exceedances

Action	Anticipated Completion Date
Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	Oct-Dec 31, 2006
East San Joaquin Water Quality Coalition	December 2006 SAMR

Perform Bacterial ID Study
Perform TDS Source Study
Outreach/BMP Education
Evaluation Report

December 31, 2006
June 30, 2007
Oct-April 30, 2007
October 30, 2007

Justification for dates:

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by December 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified and circulated to the growers in the subwatersheds.

Perform Bacterial ID Study – Samples have already been collected and the analysis is underway. We anticipate that the analysis may take a few months followed by the report writing.

Perform TDS study – The study design is still under development, but the Coalition hopes to initiate sampling during the winter storm events and continue into the spring irrigation season. However, we are not sure how long we will need to sample before we are confident we can source the water in the system. Consequently, our date is listed as June 30, 2007 to be conservative.

Outreach/BMP education – A series of meetings are scheduled across the coalition region concerning management of pesticides and manure applications (Madera; 10-31, Merced; 10-25, and Western Stanislaus county; 11-1 tentatively)

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Table 3. Time Schedule: Copper Exceedances

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	October 31, 2006
Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	December 31, 2006
Outreach/BMP education	April 30, 2007
Evaluation report	October 30, 2007

Obtain Pesticide Use Reports – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from one to five months after they are filed with the County Agricultural Commissioners. Although we have received the reports for the Merced sites, we have not yet had time to sort and review those reports. We expect the Stanislaus County and Madera County reports in the near future but the timing for obtaining these reports is beyond our control. Madera County is often slower and we may need an additional month to acquire those use reports. We anticipate that the reports will be obtained and analyzed by October 31, 2006.

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance for this monitoring event and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified and circulated to the growers in the subwatersheds by mail and in workshops.

Outreach/BMP education – Beginning on October 25, a series of workshops will be held at facilities near each subwatershed (Madera; 10-31, Merced; 10-25, and Western Stanislaus county; 11-1 tentatively). The meeting agendas will include a review of monitoring results and a review of management practices to address the exceedances in each Subwatershed. The chlorpyrifos registrant, Dow AgroSciences, has provided BMP technical materials for use of the insecticide and protecting water quality that will be distributed at the meetings and in mailings to landowners. Attendees of the workshops will also be asked to complete surveys on management practices used in their operations to protect surface water.

Evaluation Report – After landowners implement proposed management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Let us know if further explanation or documentation is necessary.



Parry Klassen
559-325-9855



Wayne Zipser
209-522-7278

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October 11, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

We are submitting the formal communication report for the re-sample field parameter exceedance reported on August 7, 2006 (see Table 1 below). This re-sampling event occurred during the third irrigation season on July 20, 2006 and was in response to the original exceedances experienced during the July 13, 2006 sampling (Exceedance Report submitted July 14, 2006; Communication Report submitted September 15, 2006).

Table 1. Field results from the July 20, 2006 re-sampling event after the Irrigation 3 sampling event.

Site Name	EC ($\mu\text{S}/\text{cm}$)
Prairie Flower Drain @ Crows Landing Road	1950

1. Follow-up monitoring and analyses conducted.

Samples taken on July 13, 2006 from the Prairie Flower Drain @ Crows Landing Road site resulted in toxicity for *Pimephales* sp. (Exceedance Report submitted July 20, 2006). As a result, the Prairie Flower Drain @ Crows Landing Road site was re-sampled on July 20, 2006. Prairie Flower Drain @ Crows Landing Road experienced an exceedance in EC of 1560 $\mu\text{S}/\text{cm}$ during the original sampling on July 13, 2006, another EC exceedance on July 20, 2006, and also during the August 10 and September 14, 2006 sampling events (Exceedance Reports submitted August 11 and September 15, 2006, respectively).

EC exceedances at the Prairie Flower Drain site are experienced in nearly every sampling event and the Coalition has documented that the elevated EC is persistent across long periods of time.

2. Actions taken to identify the source of the exceedance.

Elevated conductivity may be due to anthropogenic factors, as well as natural soil geological conditions. Irrigation water can originate from surface storage facilities or ground water. Both of these have distinct oxygen and deuterium isotopic signatures. Water entering the drains comes from seepage into the drains from shallow ground water, direct discharge from surface irrigation return flows or rainfall events, and discharge from field drains. These also have distinct isotopic signatures depending on the origin of the water for irrigation. Additionally, since the source of the ions in the different source waters is different, we can use the combination of specific ions and the isotopic signatures of the water to determine the relative source contribution to the water in the drains.

A study to identify the source of salts and ions in the surface waters will be conducted and completed by the end of the 2007 irrigation season. Results from this study will hopefully identify the general sources of ions in the surface water and will help the Coalition to effectively develop a management approach to present to the growers in the watershed.

3. Complete analytical results

Complete analytical results for field data are in the form of field sheets. The field sheets for the monitoring event are provided by Pacific EcoRisk. Those reports were attached to the communication report submitted on October 2, 2006. Because of the size of the file, we request that you refer to the copy previously sent.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

After conducting a study later this year that will help us to determine the source(s) of EC (i.e. source of salts in the surface waters), we will better be able to address the proper implementation of management practices. We will file an addendum to this Communication Report with the results of the study and management plans, if any, that are to be implemented in the watershed. In the meantime, the Coalition is investigating potential management options for salts and will develop a management plan for the salt problem in the watershed.

The time schedule is:

Action	Anticipated Completion Date
Proposed EC Isotopic Study to Identify Potential Sources	December 31, 2007

Time Schedule Justification:

The proposed EC Isotopic Study has been delayed, as contracting with the stable isotope laboratory has been slower than anticipated. The Coalition is

currently working on the analyses needed for the *E. coli* source study that is underway. The EC Isotopic Study will begin as soon as results are complete for the *E. coli* study in the fall of 2006 and sampling for the study will be initiated. Lab tests and the receipt and analysis of the results should be complete by the end of December 2006.

Let us know if further explanation or documentation is necessary.


Parry Klassen
559-325-9855


Wayne Zipser
209-522-7278

From: Krista Callinan [kristacallinan@gmail.com]
Sent: Thursday, October 12, 2006 9:48 AM
To: Dana Kulesza
Cc: mbjohnson@ucdavis.edu; parryk@comcast.net;
johnsonfrancisca@sbcglobal.net; mmtturner@ucdavis.edu
Subject: Re: communication report due today

Attachments: ESJWQC_06_CR_watertox_irrigation3_amended_101206.doc
Hi Dana,

The table header, of the last column in Table 3, is a typo. Rather than "Control % Survival," it is supposed to read "% Control." This is the percent compared to Control survival of *pimephales* sp. in the ambient water sample. Because the Control experienced 100% survival of *pimephales*, the sample %Survival and the %Control are the same (70%). Again, thank you for catching this. I have attached the report with this edit made.

Krista

On 10/12/06, **Dana Kulesza** <dkulesza@waterboards.ca.gov> wrote:
Hi,

I have another question that you may be able to help with Krista. In Table 3 on page 2 this Communication Report, the percent survival in the control sample is listed as 70%. Could you check to see if that is accurate or not?

Thank you,

Dana Kulesza
464-4847

>>> "Michael Johnson" <mbjohnson@ucdavis.edu> 9/22/2006 5:12:02 PM >>>

East San Joaquin Water Quality Coalition

1201 L Street
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September 22, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the toxicity exceedances reported on July 21, 2006 (see Table 1). Sampling occurred during the third irrigation event at these sites on July 13, 2006.

Table 1. Toxicity results from Irrigation 3 sampling on July 13, 2006 sampling event.

Site	Sample Date	Season	Toxicity	
			<i>Pimephales</i> sp. (%control)	<i>Selenastrum</i> sp. (%control)
Hilmar Drain @ Central Avenue	7/13/2006	Irrigation	-	36
Prairie Flower Drain @ Crows Landing Road	7/13/2006	Irrigation	8	-

1. Follow-up monitoring and analyses conducted.

Both Hilmar Drain @ Central Avenue and Prairie Flower Drain @ Crows Landing Road sites have shown water toxicity once previously this year, both in samples taken on March 16, 2006 (reported in the March 23, 2006 Exceedance Report). The fourth Irrigation sampling event, that occurred on August 10, 2006, showed no toxicities for samples taken at either of these sites.

Due to a greater than 50% reduction in both samples, toxicity Identification Evaluation (TIE) testing was initiated for Hilmar Drain @ Central Avenue and Prairie Flower Drain @ Crows Landing Road sites. Both sites were also re-sampled on July 20, 2006 and tested for persistence of toxicity.

The toxicity observed in the Hilmar Drain @ Central Avenue ambient sample was not observed during the TIE testing indicating that the toxicity in the sample was not persistent. In addition, the re-sampling of the Hilmar Drain @ Central Avenue site showed insignificant (greater than 80% survival compared to control) toxicity, indicating a lack of persistence in toxicity also at the site.

TIE testing of the Prairie Flower Drain @ Crows Landing Road sample produced 100% mortality within the untreated sample. However, removal of ammonia from the sample with Zeolite completely removed the toxicity from the water sample and increased survivability of *Pimephales* sp. to 100% (see Table 2). These results indicate that the toxicity was a result of ammonia in the water. We checked the chemistry data from that date and found that the concentration of ammonia was 18 mg/L and the concentration of ammonia measured by the laboratory prior to setting up the toxicity test was 16.8 mg/L indicating that sufficient ammonia was present to cause the toxicity.

Table 2. TIE results for the Prairie Flower Drain @ Crows Landing Road ambient water sample.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation blank	100
Centrifugation + C ₁₈ SPE Blank	100
PBO blank	90
Zeolite Blank	100
Zeolite/Ammonia Blank	100
Baseline (untreated 100% ambient sample)	0
Centrifuged sample	0
Centrifuged + C ₁₈ SPE-treated sample	10
PBO-treated sample	0
Zeolite Baseline	100
Zeolite/Ammonia	0

The re-sampling of Prairie Flower Drain @ Crows Landing Road resulted in toxicity towards *Pimephales*, showing 70% survival. These results indicate that the toxicity observed on July 13, 2006 in the Prairie Flower Drain was persistent, albeit reduced (see Table 3).

Table 3. Toxicity results from re-samples collected on July 20, 2006.

Site	Toxicity	
	<i>Pimephales</i> sp. (% survival)	<i>Pimephales</i> sp. (% control)

East San Joaquin
Water Quality Coalition

December 2006 SAMR

2. Actions taken to identify the source of the exceedance.

The July 13, 2006 sample from Hilmar Drain @ Central Avenue produced the following exceedances: EC (reported in the July 14, 2006 Exceedance Report); *E. coli*, TDS, and copper (reported in the August 24, 2006 Exceedance Report); and chlorpyrifos (reported in the August 29, 2006 Exceedance Report). Based on the exceedance list above, we suspect that copper [31 µg/L] was the cause of the toxicity in the sample, although copper would be expected to remain in solution and toxicity would be expected during the TIE. It is possible that a herbicide in conjunction with copper could be the cause of the toxicity, and the herbicide degraded to the point where it was no longer toxic. However, a review of the water chemistry indicated that no herbicide was detected. Pesticide Use Reports (PUR) have been requested and we will determine if a herbicide was applied for which we did not test.

Given the results of the TIE testing of the Prairie Flower Drain @ Crows Landing Road site, it would appear ammonia was the primary constituent producing toxicity within the sample.

3. Complete analytical results

Complete analytical results are attached electronically this communication report.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

The time schedule is:

Action	Anticipated Completion Date
Receive and Evaluate PUR	November 30, 2006
Contact Growers in Watersheds	October 30, 2006
Perform Management Practices Survey	October 30, 2006
Implement Outreach/BMP Education	December 31, 2006
Evaluation Report	August 30, 2007

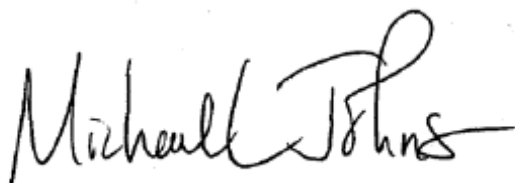
The rationale for these dates is as follows:

15. PUR receipt by November 30, 2006 – Pesticide use reports for Madera County are provided on a quarterly basis, usually at the end of the quarter following the quarter of interest. We are allowing an additional month as a contingency in case the delivery of the data is delayed.

16. Contact growers by October 30, 2006 – A letter will be sent to all growers/operators in the watershed by this date. Applications during June are not repeated in September or October and the October 30 date allows growers to finish harvest and devote time to responding to information provided to them by the Coalition.
17. Perform Management Practices Survey by October 30, 2006 – The survey will accompany the letter of notification of the exceedances.
18. Implement outreach/BMP education by December 31, 2006 – A meeting in each of the two subwatersheds will be scheduled during the fall. Because we are unsure of the potential dates and locations available for meetings, a conservative estimate for the completion of the meetings is the end of the calendar year.
19. Evaluation report by August 30, 2007 – The June applications are a possibility each year. Management practice education would be put into effect during the next growing season, and data available in July 2007 will provide an indication of whether the implementation of management practices could be effective. A 30 day period after receipt of the data is requested to allow time to receive the data and write the Evaluation Report.

Let us know if further explanation or documentation is necessary.

Michael L. Johnson

A handwritten signature in black ink, appearing to read "Michael Johnson", with a stylized, cursive script.

Technical Program Manager

East San Joaquin Water Quality Coalition
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October 12, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting a formal communication report for the pesticide exceedance reported on August 7, 2006 (see Table 1 below).

Table 1. ESJWQC pesticide exceedances from Irrigation 2 sampling conducted on June 13-15, 2006.

Site Name	Thiobencarb
Duck Slough @ Gurr Road	5.8 µg/L

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed immediately after the original sampling date. The results were received from the analytical laboratory on July 28, 2006, over one month past the original sample date. Additional sampling occurred for the Irrigation 3, 4, and 5 sampling events on July 11-13, August 8-10, and September 12-14, 2006, respectively. No pesticides have been detected at Duck Slough @ Gurr Road this year prior to or since the June 13-15, 2006 sampling.

There was no toxicity related to the field samples taken on June 14, 2006 at the Duck Slough @ Gurr Road site. Therefore, no toxicity identification evaluation tests were performed and no re-sampling of the site was triggered due to this exceedance.

2. Actions taken to identify the source of the exceedance.

Thiobencarb is a preemergent and early postemergent systemic herbicide used to control many broadleaf weeds, grasses, and sedge in food crops such as rice (95 % of the US use), lettuce, celery, and endive (U.S.EPA RED Facts, 1997; Meister, 1998). The primary target weed is barnyard grass, *Echinochloa crus-galli*, the most serious pest in rice.

Pesticide Use Reports show one application of thiobencarb within the subwatershed. The application occurred just adjacent to the sampling site on June 1, two weeks before the date of sampling. Because no other thiobencarb applications have been reported in the sub-watershed, the Coalition is certain that the source of the exceedance came from this application. Follow up actions in the Duck Slough sub-watershed to address this exceedance will occur as stated below. In addition, the Coalition will work with the County Agricultural Commissioner to evaluate the hold times on water where thiobencarb has been applied. An appropriate management strategy could be for the grower to retain the water longer before discharging.

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 2. Time Schedule

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	Completed
Contact Growers in Watersheds	December 1, 2006
Perform Management Practices Survey	December 31, 2006
Outreach/BMP Education	April 30, 2007
Evaluation Report	October 30, 2007

Justification for dates:

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by December 1. The letter and survey have just been finalized, printed, and is being sent to all growers in the subwatershed.

Perform management practices survey – A survey circulated for the Jones Drain exceedance has been modified for pesticide applications and was attached to the notification letter sent to the growers in the subwatershed.

Outreach/BMP education – A series of meetings will be held across the coalition region concerning management of pesticides. The first of those meetings will be held on October 25, October 31, and November 1, 2006.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Let us know if further explanation or documentation is necessary.


Parry Klassen
559-325-9855


Wayne Zipser
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East San Joaquin Water Quality Coalition

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October 17, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

We are submitting the formal communication report for the field parameter exceedance reported on August 11, 2006 (see Table 1 below). This sampling event occurred during the fourth sampling event of the irrigation season between August 8-10, 2006.

Table 1. Field results from the Irrigation 4 sampling event on August 10, 2006.

Site Name	DO (mg/L)	EC (µS/cm)
Mustang Creek @ East Avenue	2.6	
Prairie Flower Drain @ Crows Landing Road		2302

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was conducted specifically as a result of the August 10, 2006 field exceedances. However, sampling did occur for the Irrigation 5 season, September 12-14, 2006 during which Prairie Flower Drain @ Crows Landing Road site again experienced an exceedance in electrical conductivity (EC) (Exceedance Report submitted September 15, 2006).

EC exceedances at the Prairie Flower Drain site are experienced in nearly every sampling event and we believe that we have documented that the elevated EC is persistent across long periods of time. DO is also a common exceedance during the summer months in the Coalition region. The Mustang Creek site experienced low DO on May 18, 2006 (5.82 mg/L) and also on June 15, 2006 (5.0 mg/L) and was dry during the September sampling. The only date that the Mustang Creek site did not have a DO exceedance was on July 12, 2006 (8.21 mg/L).

2. Actions taken to identify the source of the exceedance.

DO

Mustang Creek at East Avenue appeared stagnant during the sampling event which is a factor that may have contributed to the low DO measured at the site. Water in the creek was in the process of drying up at the time of sampling. Drains with very little flow are common in the Coalition region during the summer due to low input from natural precipitation and high levels of evaporation. Low flow of waterways leads to low aeration or exchange of oxygen and thus may cause lower levels of dissolved oxygen. Nutrient loading and eutrophication of the water way may also contribute to low levels of DO, however discussions with land owners in the Mustang Creek watershed indicate that all of the orchards apply pesticides by microspray and no runoff is expected during the summer.

In general, the Coalition has undertaken a preliminary analysis of field data as an effort to better understand the contributing factors to the low levels of DO that are experienced throughout much of the Coalition region. DO exceedance data were compared with flow, time of day, pH and other factors, however no strong relationships among the variables were found in these analysis. Naturally, our interpretation was that other factors must then be involved. As a result, during the fifth irrigation sampling event the Coalition collected additional samples from each of the Coalition sites for the analysis of Biological Oxygen Demand to further investigate the DO problem. BOD is tied closely to DO, in that organic matter is broken down by naturally occurring bacteria and oxygen is depleted in the system. Results from these analyses are still pending, but once received, a report and discussion will be submitted to the Regional Water Board. However, since the Mustang Creek site was dry during the Irrigation 5 sampling event (September 12-15), a BOD sample was not collected for this site. It is expected that during the winter with higher flow due to storm events, DO will not be a problem and we may have to wait until next summer to further evaluate the situation to determine if low DO is due to low flow and/or nutrient loading.

EC

Elevated conductivity may be due to anthropogenic factors, as well as natural soil geological conditions. Irrigation water can originate from surface storage facilities or ground water. Both of these have distinct oxygen and deuterium isotopic signatures. Water entering the drains comes from seepage into the drains from shallow ground water, direct discharge from surface irrigation return flows or rainfall events, and discharge from field drains. These also have distinct isotopic signatures depending on the origin of the water for irrigation. Additionally, since the source of the ions in the different source waters is different, we can use the combination of specific ions and the isotopic signatures of the water to determine the relative source contribution to the water in the drains.

A study to identify the source of salts and ions in the surface waters will be conducted and completed by the end of the 2007 irrigation season. Results from this study will hopefully identify the general sources of ions in the surface water and will help the Coalition to effectively develop a management approach to present to the growers in the watershed.

3. Complete analytical results

Complete analytical results for field data are in the form of field sheets. The field sheets for the monitoring event are provided by Pacific EcoRisk. Those reports are provided with this communication report as a separate attachment.

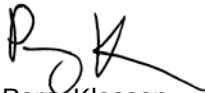
4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

We will better be able to address the proper implementation of management practices after conducting a study later this year that will help us to determine the source(s) of EC (i.e. source of salts in the surface waters). We will file an addendum to this Communication Report with the results of the study and management plans, if any, that are to be implemented in the watershed. In the meantime, the Coalition is investigating potential management options for salts and will develop a management plan for the salt problem in the watershed.

Table 2. Time schedule.

Action	Anticipated Completion Date
Conceptual EC Isotopic Study to Identify Potential Sources	November 15, 2006
Completion of Isotope EC Study Evaluation Report	September 30, 2007 December 1, 2007

Let us know if further explanation or documentation is necessary.



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October 25, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the toxicity exceedance experienced during the Irrigation 4 sampling event that occurred between August 8-10, 2006 (Exceedance Report submitted August 21, 2006) (Table 1).

Table 1. ESJWQC toxicity exceedances from the Irrigation 4 sampling, August 9, 2006.

Site	<i>Ceriodaphnia dubia</i> Toxicity	
	% Survival	% of Control
Silva Drain @ Meadow Drive	0	0

1. Follow-up monitoring and analyses conducted.

Ambient Water Re-samples

The Silva Drain @ Meadow Drive site has not experienced a toxicity exceedance previously this year. The site was re-sampled in response to the August 9, 2006 toxicity exceedance on August 17, 2006. No toxicity exceedance was observed from the August 17, 2006 re-sampling (Table 2).

Table 2. Re-sample toxicity results for Silva Drain @ Meadow Drive ambient water.

Treatment/Sample ID	% Survival
East San Joaquin Water Quality Coalition	December 2006 SAMR

Lab Control-initial	5
Ambient sample-initial	100
Lab Control-re-test	95
Ambient sample- re-test	100

The *C. dubia* test lab Control treatment exhibited a mean survival response of < 90% so retesting of this ambient water sample was performed immediately. It should be noted that the percent survival of the *C. dubia* within the ambient sample remained at 100% for both the initial testing and the re-testing procedures. Toxicity at the site appears to not be persistent since the re-sampling of the Silva Drain @ Meadow Drive site showed insignificant (greater than 80% survival compared to control) toxicity.

Ambient Water Dilution

Due to a greater than 50% reduction in survival within the August 9, 2006 ambient sample, dilutions were undertaken to determine the level of toxicity (Table 3) and Toxicity Identification Evaluation (TIE) testing was initiated to identify the cause of *C. dubia* toxicity (Table 4).

Table 3. Dilution series results for Silva Drain @ Meadow Drive ambient water sample.

Site Water Treatment	% Survival
Lab Control	100
6.25%	95
12.50%	100
25%	100
50%*	10*
100%*	0*

Summary of Statistics

NOEC =	25% site water
EC ₅₀ =	38.7% site water
TUa (100/EC ₅₀) =	2.6 TUa

* Significantly less than the Lab Control or associated Method Blank treatment response at $p < 0.05$.

TUa= acute toxic units

There was 100% survival in the Lab Control and $\geq 95\%$ survival in the 25% and less than 25% ambient water concentrations. There was 10% survival at the 50% ambient water treatment and complete mortality at the 100% ambient water treatment, both of which were significantly less than the Lab Control. The resulting No Observed Effect Concentration (NOEC) was 25% ambient water; the EC₅₀ was 38.7% ambient water, resulting in 2.6 TUa (where $TUa = 100/EC_{50}$).

Ambient Water Toxicity Identification Evaluation

Table 4. TIE results for Silva Drain @ Meadow Drive ambient water sample.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation blank	85
Centrifugation + C ₁₈ SPE Blank	85
PBO blank	100
Baseline (untreated 100% ambient sample)	0
Centrifuged sample	20
Centrifuged + C ₁₈ SPE-treated sample	95
PBO-treated sample	100

The toxicity observed in the Silva Drain @ Meadow Drive ambient sample was also observed during the TIE testing indicating that the toxicity in the sample was persistent. There was 100% survival in the Lab Control and complete mortality in the 100%

Baseline sample, indicating that the toxicity that had been previously observed in this sample was persistent at the time of the TIE. Both the Centrifugation + C₁₈Solid Phase Extraction (C₁₈SPE) and the Piperonyl Butoxide (PBO) TIE treatments removed toxicity. TIE results indicate the presence of a metabolically-activated organic compound(s) as the toxic agent.

2. Actions taken to identify the source of the exceedance.

Given the results of the previous TIE on the Silva Drain @ Meadow Drive sample, it appears that a metabolically-activated organic compound was the primary source of toxicity. The C₁₈ SPE column removed the non-polar organics (pesticides) from the water which proved to reduce toxicity in the sample. The PBO addition also proved effective in eliminating the toxicity.

Chemical analysis of the sample from Silva Drain @ Meadow Drive on August 9, 2006, indicates there was also an exceedance in chlorpyrifos (0.14 µg/L, Exceedance Report submitted October 5, 2006). Although the Silva Drain @ Meadow Drive site has not previously experienced a toxicity exceedance, it has experienced an exceedance in chlorpyrifos of very low quantities (0.015 µg/L) during the July 11-13, 2006 sampling (Exceedance Report submitted August 29, 2006). It may be that the chlorpyrifos concentrations seen during the July 11-13, 2006 sampling were too low to produce any significant toxic effects. The Pesticide Use Reports (PURs) for the period immediately preceding the monitoring event have been requested, however, have not yet been received.

3. Complete analytical results

Complete analytical results are attached electronically to this communication report.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 5. Time schedule for toxicity exceedances.

Action	Anticipated Completion Date
Receive and Evaluate PUR	January 31, 2007
Contact Growers in Watersheds	Completed
Perform Management Practices Survey	October 31, 2006
Implement Outreach/BMP Education	April 30, 2007
Evaluation Report	August 31, 2007

Justification for dates:

Receive and Evaluate PURs by January 31, 2007 – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from one to five months after they are filed with the County Agricultural Commissioners. We received PURs for the Merced sites for applications up to June on October 2, 2006. We are allowing an additional month as a contingency in case the delivery of the data is delayed

Contact growers – A letter was sent to all growers/operators in the sub-watersheds informing them of the exceedances. Being towards the end of the busy irrigation season, the October mailing allows growers to finish harvest and devote time to responding to information provided to them by the Coalition.

Perform Management Practices Survey by October 31, 2006 – The survey accompanied the letter of notification of the exceedances and the Coalition is waiting for responses from the Landowners.

Implement outreach/BMP education by April 30, 2007 – Although all of the dates have not yet been established, there will be a series of meetings held throughout the growing season across the coalition region concerning management practices that will have a positive impact on water quality. The first meeting is being held on October 25, 2006. When the remaining dates are finalized, we will provide them to the Regional Board. We anticipate that there will be several meetings in the region that will attract growers from the Silva Drain sub-watershed. In addition to meetings with growers, the Coalition is working with registrants and pest control advisors to obtain the information they will need to provide education to growers from that perspective.

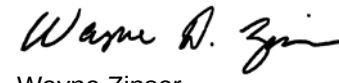
Evaluation report by October 30, 2007 – Management practice education would be put into effect during the up through the next irrigation season, and data

available after the irrigation season will provide an indication of whether the implementation of management practices could be effective.

Let us know if further explanation or documentation is necessary.



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October 27, 2006

Wendy Cohen
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Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the physical parameter and metal exceedances reported on August 24, 2006 (see Table 1). Sampling occurred at these sites on July 11-13, 2006 during the third irrigation monitoring event of 2006.

Table 1. Physical parameter and metals exceedances in the ESJWQC region during the Irrigation 3 sampling event, July 11-13, 2006.

Site Name	E. coli	Total Dissolved Solids	Hardnes s	Copper	Lead
	235 MPN/100mL *	500 mg/L *	µg/L	µg/L **	2 µg/L *†
Ash Slough @ Kibby Road			38	6.7	
Deadman's Creek @ Gurr Road	490				
Dry Creek @ Road 18			20	4.1	
Duck Slough @ Gurr Road			100	14	2.7
Hilmar Drain @ Central Avenue	>2400	610	31	31	
Jones Drain @ Oakdale Road	1300		54	11	
Prairie Flower Drain @ Crows Landing Road	790	720			
Silva Drain @ Meadow Drive	690				
South Slough @ Quinley Road	1200				

*Receiving water limitation

****Based on hardness.** Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and is based on the 4-day average maximum for total recoverable metals (http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls):

Copper Criteria = $\exp\{0.8545[\ln(\text{hardness})] - 1.702\}$

† Based on hardness. Lead calculated at or above hardness of 69 mg/L as CaCO₃

1. Follow-up monitoring and analyses conducted.

No immediate follow-up sampling was performed as a result of these exceedances. However, sampling for the Irrigation 4 and 5 sampling events occurred on August 8-10 and September 12-14, 2006, respectively.

E. coli and total dissolved solids (TDS) have been detected this year in several of the sites listed in Table 1 on sampling dates prior to July 11-13, 2006. Nearly all the sites that experienced *E. coli* and TDS exceedances during the July 11-13, 2006 sampling event, also experienced exceedances in the August 8-10, 2006 sampling event (Hilmar Drain @ Central Avenue did not experience an exceedance in TDS) (Exceedance Report submitted September 13, 2006).

The Ash Slough @ Kibby Road, Dry Creek @ Road 18, and Jones Drain @ Oakdale Road sites experienced exceedances in copper during all the sampling events previous to and since the July 11-13, 2006 sampling event. (Exceedance Reports submitted July 10, August 2, and September 13, 2006, respectively). The Hilmar Drain @ Central Avenue has not experienced exceedances in copper prior to or since the July 11-13, 2006 sampling event. It should be noted that the Coalition did not analyze samples for metals prior to May 16, 2006.

Lead has been detected in Duck Slough at every sampling period since May, and was detected again in September.

2. Actions taken to identify the source of the exceedance.

E. coli

E. coli is a general indicator of bacterial contamination and it is not clear what sources contribute to the coliform load. A follow-up study identifying the source of *E. coli* in Coalition water bodies was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) within the Coalition region during non-monitoring events. Analyses to identify the source of the bacteria are currently underway. Using these samples, DNA will be extracted from the bacteria in the water, amplified using real-time PCR, and then, using primers specific to various species, the bacteria will be matched with bacterial sequences from known sources, e.g., humans, cows, chickens, etc. Once we understand the relative contribution of these sources, we can use the information gathered on grazing practices and water management to develop an appropriate management strategy.

The study monitoring plan and the Quality Assurance Program Plan (QAPP) were provided as an attachment to the May 25, 2006 Communication Report, and a revised monitoring plan and QAPP were submitted for the ESJWQC on September 1, 2006. This is the study originally proposed in the October 25, 2005 Communication Report, and includes all watersheds for which exceedances were found during the 2005 dormant and irrigation seasons. The field work began August 22, 2006 for those watersheds mentioned above within the ESJWQC, and the laboratory work to identify the DNA is currently underway. We expect to have the results of the analysis shortly.

TDS

Potential sources of TDS are upstream surface water, ground water, or drain water from irrigated agriculture. Consequently, although TDS is a nonpoint source input to most water bodies, it is possible that there are point source inputs from field drains. Recent conversations with the Turlock Irrigation District indicate that ground water is very shallow and that many of the field drains function to remove the shallow ground water from the fields and move the water to the Prairie Flower and Hilmar drains. These two main drains have locations in which the bottom is mud and the drains could be gaining water directly from shallow ground water. To determine the relative contribution of salt from the potential sources, the ESJWQC Coalition is in the process of developing a study to determine the source of the water in the Prairie Flower and Hilmar drains and consequently, the source of the TDS in those drains.

We will attempt to use isotopic techniques to determine if the water containing the ions originated as surface water, shallow ground water, or deep ground water. We hope to complete the study design and submit it to the Regional Board for review by November 15.

Copper

Copper in surface water can originate from a number of sources including natural weathering of rocks/soils, leaching of copper-based preservatives (used on wood and other materials) and pesticides. Past reviews of Pesticide Use Reports (PURs) indicate that numerous compounds containing copper have been applied to crops throughout the Coalition region. We are in the process of reviewing the 2005 irrigation season applications for the subwatersheds of concern. We have requested the PURs for the period preceding the July 11-13, 2006 sampling to determine if applications of copper were made. By analyzing the use information from 2005 and 2006, we will be able to determine the sources of applications in 2006 and also determine if there are consistent applications across years.

Lead

Lead in surface water can originate from numerous sources including parent geological material, lead-based paint, aerosols including dust, and previous

deposition from lead-based gasoline. Currently, there are no pesticides applied that have lead as a material, although lead arsenate was used in the past. Lead arsenate was used generally only until the 1960s and has been banned on all food crops since 1991. Currently, the most probable source is contaminated soils that originated from old pesticide applications or more probably, the deposition of automobile exhaust along roadways. Lead was present at Duck Slough @ Highway 99 in all sampling periods (Table 2) suggesting that the lead may be originating with contaminated soils at that site. Contaminated soils may have caused contaminated sediment and that sediment may be moved into the water body during storm events. Mobilization of the sediments during irrigation could result in the lead detections at Highway 99 and the eventual exceedance at the Gurr Road site. Because the lead analyses are performed on unfiltered samples, it is not known if the lead is dissolved or associated with particulates. Also, we do not have lead data from Duck Slough above Highway 99 to confirm the hypothesis that the lead is originating (or did originate at some time in the past) at the Highway 99 site. The Coalition will sample upstream of the Highway 99 site (e.g. Pioneer Road) to determine if lead is present. Lead found above Highway 99 does not eliminate auto exhaust-contaminated soils as the cause, but not finding lead strongly supports the conclusion that the lead is from exhaust-contaminated soils at Highway 99. Much like DDT/DDD/DDE, the lead problem is a legacy of the use in the past and will be very difficult to manage.

Table 2. Concentration of lead at Duck Slough @ Highway 99 from the 2006 irrigation season.

Date	Concentration of Lead (in µg/L)
5/17/06	5.2
6/14/06	0.6
7/12/06	0.81
8/08/06	2.3
9/13/06	24

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 3. Time Schedule: *E. coli*/TDS Exceedances

Action	Anticipated Completion Date
East San Joaquin Water Quality Coalition	December 2006 SAMR

Contact Growers in Watersheds	November 1, 2006
Perform Management Practices Survey	December 31, 2006
Final Report on Bacterial ID Study	January 15, 2007
Submit TDS Source Study for Review	November 15, 2006
Perform TDS Source Study	June 30, 2007
Outreach/BMP Education	Oct-April 30, 2007
Evaluation Report	October 30, 2007

Justification for dates:

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by December 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will be modified for the watersheds covered in this Communication Report and will include the specifics of the exceedance and the exceedances experienced in other recent sampling events. The letter and survey will be finalized over the next few weeks, printed, and sent to all growers in the subwatersheds.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified and circulated to the growers in the subwatersheds. Mailings containing the survey have been sent to all Coalition members, and surveys will be passed out to landowners/growers that attend meetings held in the coalition counties. In addition, surveys (and other useful information for growers) will be made available at selected locations such as the local Agriculture Commissioner's office. Materials should be disseminated and responses received by the end of this year.

Perform Bacterial ID Study – Samples have already been collected and we expect to receive preliminary results from the analysis by November 15, 2006. We will provide the preliminary results as soon as possible after that date. A Final Report on these results will be submitted by January 15, 2007.

Perform TDS study – The study design is still under development and will be submitted to the Regional Board by November 15. The Coalition hopes to initiate sampling for this analyses during the winter storm events and continue into the spring irrigation season. However, we are not sure how long we will need to sample before we are confident we can source the water in the system. Consequently, our date is listed as June 30, 2007 to be conservative.

Outreach/BMP education – A series of meetings are scheduled across the coalition region concerning management of pesticides and manure applications (Madera county on October 31, 2006; Merced county on October 25, 2006; and Western Stanislaus county on November 1, 2006 tentatively).

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Table 4. Time Schedule: Copper and Lead

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	December 31, 2006
Perform lead sampling above Highway 99	July 31, 2007
Contact Growers in Watersheds	December 1, 2006
Perform Management Practices Survey	December 31, 2006
Outreach/BMP education	April 30, 2007
Evaluation report	October 30, 2007

Justification for dates:

Obtain Pesticide Use Reports – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from one to five months after they are filed with the County Agricultural Commissioners. We received PURs for the Merced sites for applications up to June on October 2, 2006. We received PURs for the Madera sites for applications up to May on October 4, 2006. We anticipate that the reports for July applications will be obtained and analyzed by December 31, 2006.

Perform lead sampling above Highway 99 – We will sample above the Highway 99 site, but since we have not sampled for lead during the storm season, we are unsure if we will find lead below Highway 99. High flows could dilute the lead or rework the sediments and prevent us from detecting lead in the water. We should be able to find lead below Highway 99 by the irrigation season and two sampling events should provide us with an understanding of whether lead is present above the site. Sampling results from June would not be delivered to the Coalition until the end of July.

Contact growers in the watersheds – A letter will be sent to all growers/operators in the watershed by November 1. A draft letter and Survey were provided as attachment to the August 24, 2006 toxicity Communication Report for the Jones Drain @ Oakdale Road site. The letter will include the specifics of the exceedance for this monitoring event and the exceedances experienced in other recent sampling events.

Perform management practices survey – The survey circulated for the Jones Drain exceedance will be modified and circulated to the growers in the subwatersheds by a number of means including mailings, personal handouts, and availability at key locations.

Outreach/BMP education – Beginning on October 25, 2006, a series of workshops will be held at facilities near each subwatershed (Madera county on October 31, 2006; Merced county on October 25, 2006; and Western Stanislaus county on November 1, 2006 tentatively). The meeting agendas will include a review of monitoring results and a review of management practices to address the exceedances in each Subwatershed. The chlorpyrifos registrant, Dow

AgroSciences, has provided BMP technical materials for use of the insecticide and protecting water quality that will be distributed at the meetings and in mailings to landowners. Attendees of the workshops will also be asked to complete surveys on management practices used in their operations to protect surface water.

Evaluation Report – After landowners implement proposed management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Let us know if further explanation or documentation is necessary.



Parry Klassen
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November 1, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal Communication Report for exceedances of the dissolved oxygen (DO) and electrical conductivity (EC) receiving water limitations for the East San Joaquin Water Quality Coalition sites in the table below. On August 22, 23 and 24, 2006, during the Irrigation season, sampling was conducted in the ESJWQC region as a part of the *E. coli* source identification study for the ESJWQC. The sampling design involved multiple samples collected over a 3-day period at 4 baseline sites. At the time that field results were received, the Water Quality Objective (WQO) for DO was thought to be 5 mg/L and it wasn't until after the exceedance report was submitted that the Coalition became aware of the requirement to use cold-water WQO of 7 mg/L. Therefore, some exceedances that were not submitted within our original exceedance report have been added here. If an amended exceedance report is needed, the Coalition will provide that upon request.

Table 1. Field parameter exceedances experienced during the *E. coli* source identification study sampling for ESJWQC receiving waters on August 22-24, 2006. For reference, sample times have been included.

Sample Site	Sample Date	Sample Time	DO mg/L	EC μ S/cm
Prairie Flower Drain @ Crows Landing Road	8/22/06	7:00	2.29	784
Prairie Flower Drain @ Crows Landing Road	8/22/06	12:40		2460
Prairie Flower Drain @ Crows Landing Road	8/22/06	17:20		2710
Prairie Flower Drain @ Crows Landing	8/23/06	6:00	2.21	2800

Sample Site	Sample Date	Sample Time	DO mg/L	EC µS/cm
Road				
Prairie Flower Drain @ Crows Landing Road	8/23/06	10:40	6.93	3020
Prairie Flower Drain @ Crows Landing Road	8/23/06	15:20		1258
Prairie Flower Drain @ Crows Landing Road	8/24/06	6:00	3.29	1102
Prairie Flower Drain @ Crows Landing Road	8/24/06	10:50	6.26	1103
Prairie Flower Drain @ Crows Landing Road	8/24/06	15:50		1038
Duck Slough @ Gurr Road	8/22/06	9:00	6.8	
Duck Slough @ Gurr Road	8/23/06	7:20	6.65	
Duck Slough @ Gurr Road	8/24/06	7:20	6.51	
Duck Slough @ Gurr Road	8/24/06	12:10	6.84	
Duck Slough @ Gurr Road	8/24/06	17:00	6.95	
Dutchman Creek @ Gurr Road	8/22/06	14:20	5.6	
Dutchman Creek @ Gurr Road	8/22/06	18:40	6.64	
Dutchman Creek @ Gurr Road	8/23/06	7:40	6.61	
Dutchman Creek @ Gurr Road	8/23/06	12:20	6.24	
Dutchman Creek @ Gurr Road	8/23/06	16:50	5.17	
Cottonwood Creek @ Road 20	8/22/06	10:30	6.65	
Cottonwood Creek @ Road 20	8/22/06	15:50	6.09	
Cottonwood Creek @ Road 20	8/22/06	19:50	6.01	
Cottonwood Creek @ Road 20	8/23/06	8:50	5.24	
Cottonwood Creek @ Road 20	8/23/06	13:40	5.98	
Cottonwood Creek @ Road 20	8/23/06	18:00	6.33	
Cottonwood Creek @ Road 20	8/24/06	8:50	6.33	
Cottonwood Creek @ Road 20	8/24/06	14:10	5.85	
Cottonwood Creek @ Road 20	8/24/06	18:20	5.85	

1. Follow-up monitoring and analyses conducted.

No immediate follow-up sampling was conducted as numerous follow-up samples were collected during the baseline sampling.

These data are part of a follow-up study designed to identify the source of bacteria, using *E. coli* as a general indicator, in Coalition water bodies. The study was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) within the Coalition region during non-monitoring events (i.e. non-Storm and non-Irrigation sampling events). Analyses to identify the source of the bacteria (*E. coli*) are currently underway. The study

monitoring plan and the Quality Assurance Program Plan (QAPP) for this *E.coli* source tracking project were provided as an attachment to the May 25, 2006 Communication Report. This study includes all watersheds for which *E. coli* exceedances were found during the 2005 dormant and irrigation seasons.

2. Actions taken to identify the source of the exceedance.

Dissolved Oxygen

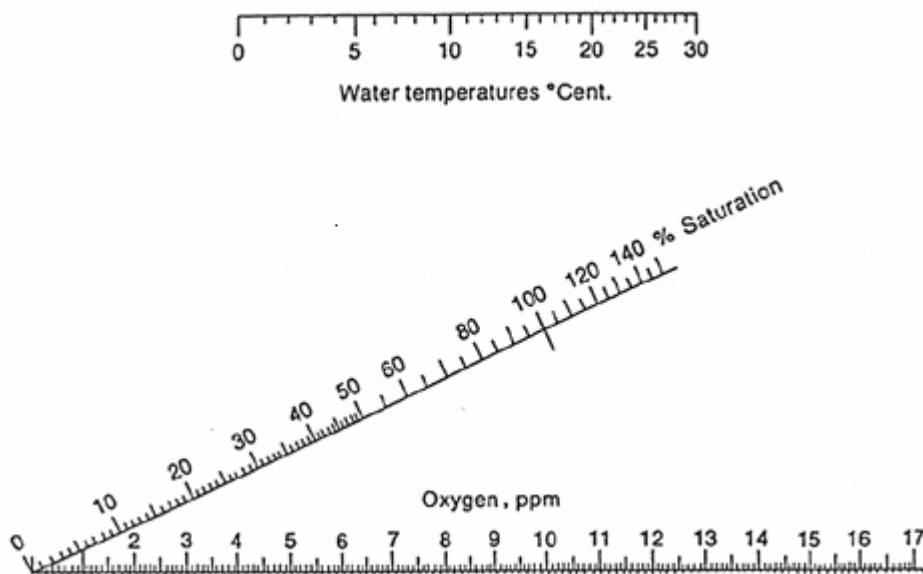
Control of DO in surface waters is a function of the several factors including flow and reaeration, water temperature, Biological Oxygen Demand (BOD) including Sediment Oxygen Demand (SOD), Chemical Oxygen Demand (COD), and the relative amount of photosynthesis. DO is a non-conserved constituent and can change dramatically across space and time.

Flow

Re-aeration from turbulent flow is a natural method for reaeration of surface waters. Standing water typically does not exchange oxygen in more than a very shallow surface layer and the water usually is depleted of oxygen by other processes.

Water Temperature

It is well known that colder water has a greater ability to retain oxygen. The water may be saturated with oxygen, but at very high temperatures, the amount of oxygen in the water can be very low. The nomogram below relates water temperature, oxygen concentration in parts per million (mg/L) and percent saturation.



BOD and COD

In most cases, BOD has a much greater influence on dissolved oxygen than SOD or COD. BOD is a function of the respiration that occurs when organic matter enters the water body and is degraded by bacterial action. The respiration of the bacteria can occur in either the water column or the sediment, and can deplete the oxygen in the water column. Organic material can originate from allochthonous inputs (e.g. organic inputs from dairies, Publicly Owned Treatment Works [POTWs], agricultural operations) or autochthonous sources (benthic and water column algal production and decomposition).

Photosynthesis

Unless waters are extremely oligotrophic, DO levels usually vary diurnally as a function of changes in productivity. During daylight hours, when photosynthesis is occurring, carbon dioxide (CO₂) is fixed as plant material reducing the CO₂ concentration of the water and increasing the DO concentration. At night, respiration is the driving force, resulting in a decrease in DO. Algal productivity is stimulated by nutrient inputs upstream, but nutrient cycling in surface waters is very difficult to quantify.

Potential causes of low DO where exceedances occurred during this event:

Identifying a source of a DO exceedance is particularly difficult and the Coalition has chosen to focus first on the identification of causes of low levels of DO. The processes listed above are expected to change over time making tracking sources for past events nearly impossible. Upstream sampling is not an effective method of tracking DO as it is not a conserved constituent and therefore can change dramatically in a water body over a small space and short time. On the other hand, water body dynamics and nutrient cycling in the Coalition region can be investigated and certain factors analyzed to better understand why DO levels are frequently below the water quality objectives at particular sites. Because flow and temperature can affect levels of DO in a water system, we have included a table comparing field measurements for those sites that experienced low levels of DO (Table 2). Where flow calculations are high and temperature measurements are low, it is likely that low DO levels are a result of high BOD in the water body.

The Coalition has undertaken a preliminary analysis of field data as an effort to better understand the contributing factors to the low levels of DO that are experienced throughout much of the Coalition region. DO exceedance data were compared with flow, time of day, pH and other factors; however, no strong relationships among the variables were found in these analysis. Therefore, it was concluded that other factors must be involved. As a result, during the fifth irrigation sampling event the Coalition collected additional samples from each of the Coalition sites for the analysis of Biological Oxygen Demand to further

investigate the DO problem. BOD is tied closely to DO, in that organic matter is broken down by bacteria, thereby depleting oxygen in the system. Results from these analyses are still pending, but once received, a report and discussion will be submitted to the Regional Water Board. It is expected that during the winter, with higher flows due to storm events, DO will not be a problem and we may have to wait until next summer to further evaluate the situation to determine if low DO is due to low flow and/or nutrient loading.

Table 2. Selected field parameter measurements and DO for the *E. coli* source identification study performed on August 22-24, 2006.

Sample Site	Sample Date	Sample Time	DO mg/L	Observed Flow cfs	Temperature °C
Prairie Flower Drain @ Crows Landing Road	8/22/2006	7:00	2.29	no observed flow	21.3
Prairie Flower Drain @ Crows Landing Road	8/23/2006	6:00	2.21	no observed flow	19.8
Prairie Flower Drain @ Crows Landing Road	8/23/2006	10:40	6.93	no observed flow	20.5
Prairie Flower Drain @ Crows Landing Road	8/24/2006	6:00	3.29	no observed flow	19.8
Prairie Flower Drain @ Crows Landing Road	8/24/2006	10:50	6.26	no observed flow	20.3
Duck Slough @ Gurr Road	8/22/2006	9:00	6.8	5-20 cfs	22.7
Duck Slough @ Gurr Road	8/23/2006	7:20	6.65	5-20 cfs	19.6
Duck Slough @ Gurr Road	8/24/2006	7:20	6.51	5-20 cfs	20.9
Duck Slough @ Gurr Road	8/24/2006	12:10	6.84	5-20 cfs	25.4
Duck Slough @ Gurr Road	8/24/2006	17:00	6.95	5-20 cfs	25.7
Dutchman Creek @ Gurr Road	8/22/2006	14:20	5.6	5-20 cfs	24.5
Dutchman Creek @ Gurr Road	8/22/2006	18:40	6.64	5-20 cfs	27.3
Dutchman Creek @ Gurr Road	8/23/2006	7:40	6.61	1-5 cfs	21.5
Dutchman Creek @ Gurr Road	8/23/2006	12:20	6.24	1-5 cfs	23
Dutchman Creek @ Gurr Road	8/23/2006	16:50	5.17	5-20 cfs	27
Cottonwood Creek @	8/22/2006	10:30	6.65	no	23

Road 20				observed flow	
Cottonwood Creek @ Road 20	8/22/2006	15:50	6.09	0.1 -1 cfs	24.2
Cottonwood Creek @ Road 20	8/22/2006	19:50	6.01	1-5 cfs	24.1
Cottonwood Creek @ Road 20	8/23/2006	8:50	5.24	0.1 -1 cfs	22.5
Cottonwood Creek @ Road 20	8/23/2006	13:40	5.98	0.1 -1 cfs	23.4
Cottonwood Creek @ Road 20	8/23/2006	18:00	6.33	1-5 cfs	24.1
Cottonwood Creek @ Road 20	8/24/2006	8:50	6.33	1-5 cfs	22.8
Cottonwood Creek @ Road 20	8/24/2006	14:10	5.85	1-5 cfs	24.1
Cottonwood Creek @ Road 20	8/24/2006	18:20	5.85	1-5 cfs	24.5

Electrical Conductivity

Elevated conductivity may be due to anthropogenic factors, as well as natural soil geological conditions. Irrigation water can originate from surface storage facilities or ground water. Both of these have distinct oxygen and deuterium isotopic signatures. Water entering the drains comes from seepage into the drains from shallow ground water, direct discharge from surface irrigation return flows or rainfall events, and discharge from field drains. These also have distinct isotopic signatures depending on the origin of the water for irrigation. Additionally, since the source of the ions in the different source waters is different, we can use the combination of specific ions and the isotopic signatures of the water to determine the relative source contribution to the water in the drains.

A study to identify the source of salts and ions in the surface waters will be conducted and completed by the end of the 2007 irrigation season. Results from this study will hopefully identify the general sources of ions in the surface water and will help the Coalition to effectively develop a management approach to present to the growers in the watershed.

3. Complete analytical results

Complete analytical results are attached electronically to this communication report in the form of the field sheets in pdf format.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

DO

At this time, it is not possible to implement management practices to address DO. We will continue to monitor DO to detect any patterns in exceedances that might be present. Additionally, the analysis of the dissolved oxygen data as described in previous sections may provide us with some insight into causation.

Table 3. Time schedule: DO exceedances.

Action	Anticipated Completion Date
Analysis of BOD data received on October 19, 2006	November 30, 2006

EC

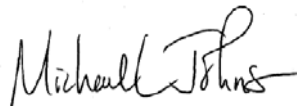
After conducting the proposed study to help determine the source(s) of EC (i.e. source of salts in the surface waters), we will better be able to address the proper implementation of management practices. We will file an addendum to this Communication Report with the results of the study and management plans, if any, that are to be implemented in the watershed.

Table 4. Time schedule: EC exceedances.

Action	Anticipated Completion Date
Conceptual EC Isotopic Study to Identify Potential Sources	November 15, 2006
Completion of Isotope EC Study	September 30, 2007

Pending the results of the proposed study, no management practices effectiveness evaluation is planned. If the results indicate that the EC exceedances are a function of agricultural practices, we will provide an amendment to this Communication Report with a time schedule for implementation of management practices. The time schedule will be based on the current submission, and all contacts with growers and outreach will occur as if the process was initiated at this time.

Respectfully,



Michael L. Johnson, Technical Program Manager

East San Joaquin Water Quality Coalition
1201 L Street
Modesto, CA 95354
www.esjcoalition.org

November 1, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting a formal communication report for the pesticide exceedance reported on August 29, 2006 (see Table 1 below). Sampling occurred at these sites on July 11-13, 2006 during the third irrigation sampling event of 2006.

Table 1. ESJWQC pesticide exceedances from Irrigation 3 sampling conducted on July 11-13, 2006.

Site Name	Chlorpyrifos (µg/L)
Berenda Slough @ Dairyland Road [†]	0.043
Dry Creek @ Road 18	0.077
Dry Creek @ Wellsford Road	0.026
Hilmar Drain @ Central Avenue	0.016 DNQ*
Silva Drain @ Meadow Drive	0.015 DNQ*

*DNQ – detectable but not quantifiable; between the minimum detection limit and minimum reporting limit.

[†]renamed to Berenda Slough @ Road Eighteen to accurately reflect location of sampling

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed specifically in response to the exceedances in chlorpyrifos observed in the July 11-13, 2006 samples. The results were received from the analytical laboratory on August 23, 2006, over one month past the original sample date. Additional sampling occurred for the Irrigation 4 and 5 sampling events on August 8-10 and September 12-14, 2006, respectively.

Hilmar Drain @ Central Avenue was the only site that experienced toxicity (36% Control of *Selenastrum*) in samples taken on July 12, 2006. The Hilmar Drain site was re-sampled on July 20, 2006 (Communication Report submitted September 22, 2006). The toxicity in the July 12 sample was not persistent and therefore a specific cause of toxicity could not be identified via the Toxicity Identification Evaluation (TIE). The July 20 resample also indicated that the toxicity observed at the site on July 12, 2006 was not persistent. However, chlorpyrifos is not expected to be toxic to *Selenastrum* and is not assumed to be the cause of the toxicity observed in the original sample. Consequently, although the amount of chlorpyrifos exceeded Basin Plan Water Quality Objectives, no toxicity was observed in the samples collected at any of the sites.

No exceedances of pesticides have been observed prior to or since the July 11-13, 2006 sampling event at the Dry Creek @ Road 18 or Hilmar Drain @ Central Avenue sites.

Berenda Slough @ Dairyland Road (in future reports referred to as Berenda Slough at Road 18) experienced one exceedance for chlorpyrifos during the September sampling event (none previous to July). Dry Creek @ Wellsford Road and Silva Drain @ Meadow Drive each experienced one other exceedance in chlorpyrifos during the August sampling event.

2. Actions taken to identify the source of the exceedance.

We have requested the Pesticide Use Reports for the period immediately preceding the monitoring event and will be able to determine where applications of chlorpyrifos were made, the amounts, and the method of application. We will use these reports to identify potential sources.

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC and calibration data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 2. Time Schedule

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	November 10, 2006
Contact Growers in Watersheds	Completed
Perform Management Practices Survey	December 31, 2006

Justification for dates:

Obtain Pesticide Use Reports – The Agricultural Commissioner from each of the Counties in the East San Joaquin Coalition region has been contacted and asked to send all reported use that they have on file by November 10.

Contact growers in the watersheds – A letter has been sent to all growers/operators in the watershed.

Perform management practices survey – A survey circulated for the Jones Drain exceedance has been modified for pesticide applications and was attached to the notification letter sent to the growers in the subwatershed.

Outreach/BMP education – A series of meetings will be held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006. These meetings specifically addressed exceedances up to September, and therefore included the exceedances communicated in this report. In addition, a series of annual meetings will be held December 12, 13, and 14 in each of the counties to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Let us know if further explanation or documentation is necessary.


Parry Klassen
559-325-9855


Wayne Zipser
209-522-7278

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November 7, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal Communication Report for exceedances of the dissolved oxygen (DO) receiving water limitations that were experienced in the East San Joaquin Water Quality Coalition region (Table 1). On August 29 and 30, 2006, during the Irrigation season, sampling was conducted in the ESJWQC region as a part of the *E. coli* source identification study for the ESJWQC. At the time that field results were received, the Water Quality Objective (WQO) for DO was thought to be 5 mg/L and it wasn't until after the exceedance report was submitted that the Coalition became aware that the cold-water WQO of 7 mg/L was the standard that applied to the water bodies monitored by the Coalition. Therefore, some exceedances that were not submitted within our original exceedance report have been added here. If an amended exceedance report is needed, the Coalition will provide that upon request.

Table 1. Field parameter exceedances experienced during the *E. coli* source identification study sampling for ESJWQC receiving waters on August 29-30, 2006. For reference, sample times have been included.

Sample Site	Sample Date	Sample Time	DO mg/L
Bear Creek along South Bear Creek Drive	8/30/06	06:40	5.02
Cottonwood Creek at Avenue 15	8/29/06	15:00	0.20
Dry Creek at Waterford	8/29/06	07:40	4.72
Dutchman Creek along Sandy Mush Road	8/29/06	17:50	5.70
Dutchman Creek at Minturn	8/30/06	07:40	2.52

Sample Site	Sample Date	Sample Time	DO mg/L
Prairie Flower Drain at Morgan Road	8/29/06	10:20	1.66

1. Follow-up monitoring and analyses conducted.

No immediate follow-up sampling was conducted as numerous follow-up samples were collected during the baseline sampling.

These data are part of a follow-up study designed to identify the source of bacteria, using *E. coli* as a general indicator, in Coalition water bodies. The study was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) within the Coalition region during non-monitoring events (i.e. non-Storm and non-Irrigation sampling events). Analyses to identify the source of the bacteria are currently underway. The study monitoring plan and the Quality Assurance Program Plan (QAPP) for this *E.coli* source tracking project were provided as an attachment to the May 25, 2006 Communication Report. This study includes all watersheds for which *E. coli* exceedances were found during the 2005 dormant and irrigation seasons.

2. Actions taken to identify the source of the exceedance.

Dissolved Oxygen

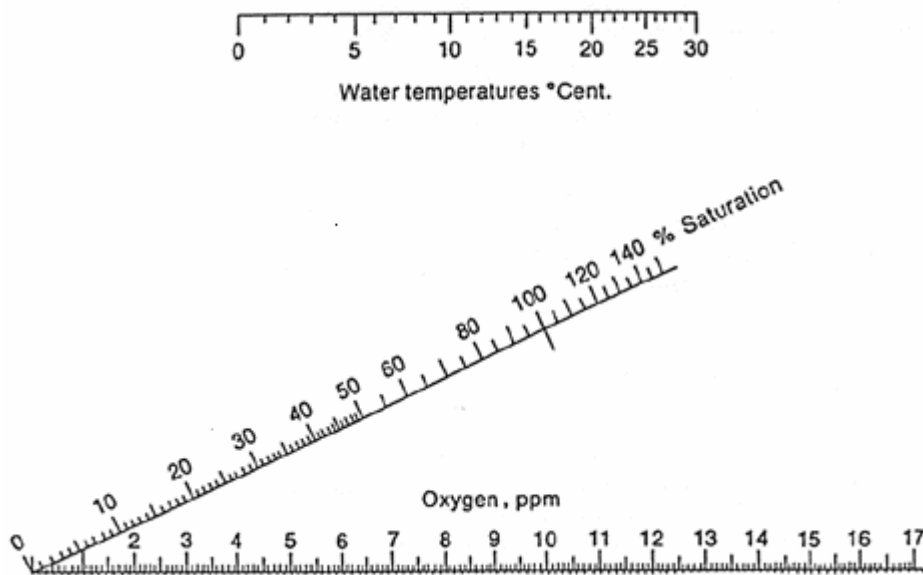
Control of DO in surface waters is a function of the several factors including flow and reaeration, water temperature, Biological Oxygen Demand (BOD) including Sediment Oxygen Demand (SOD), Chemical Oxygen Demand (COD), and the relative amount of photosynthesis. DO is a non-conserved constituent and can change dramatically across space and time.

Flow

Re-aeration from turbulent flow is a natural method for reaeration of surface waters. Standing water typically does not exchange oxygen in more than a very shallow surface layer and the water usually is depleted of oxygen by other processes.

Water Temperature

It is well known that colder water has a greater ability to retain oxygen. The water may be saturated with oxygen, but at very high temperatures, the amount of oxygen in the water can be very low. The nomogram below relates water temperature, oxygen concentration in parts per million (mg/L) and percent saturation.



BOD and COD

In most cases, BOD has a much greater influence on dissolved oxygen than SOD or COD. BOD is a function of the respiration that occurs when organic matter enters the water body and is degraded by bacterial action. The respiration of the bacteria can occur in either the water column or the sediment, and can deplete the oxygen in the water column. Organic material can originate from allochthonous inputs (e.g. organic inputs from dairies, Publicly Owned Treatment Works [POTWs], agricultural operations) or autochthonous sources (benthic and water column algal production and decomposition).

Photosynthesis

Unless waters are extremely oligotrophic, DO levels usually vary diurnally as a function of changes in productivity. During daylight hours, when photosynthesis is occurring, carbon dioxide (CO_2) is fixed as plant material reducing the CO_2 concentration of the water and increasing the DO concentration. At night, respiration is the driving force, resulting in a decrease in DO. Algal productivity is stimulated by nutrient inputs upstream, but nutrient cycling in surface waters is very difficult to quantify.

Potential causes of low DO where exceedances occurred during this event:

Identifying a source of a DO exceedance is particularly difficult and the Coalition has chosen to focus first on the identification of causes of low levels of DO. The processes listed above are expected to change over time making tracking sources for past events nearly impossible. Upstream sampling is not an effective method of tracking DO as it is not a conserved constituent and therefore can

change dramatically in a water body over a small space and short time. On the other hand, water body dynamics and nutrient cycling in the Coalition region can be investigated and certain factors analyzed to better understand why DO levels are frequently below the water quality objectives at particular sites. Because flow and temperature can affect levels of DO in a water system, we have included a table comparing field measurements for those sites that experienced low levels of DO (Table 2). Where flow calculations are high and temperature measurements are low, it is likely that low DO levels are a result of high BOD in the water body.

The Coalition has undertaken a preliminary analysis of field data as an effort to better understand the contributing factors to the low levels of DO that are experienced throughout much of the Coalition region. DO exceedance data were compared with flow, time of day, pH and other factors; however, no strong relationships among the variables were found in these analysis. Therefore, it was concluded that other factors must be involved. As a result, during the fifth irrigation sampling event the Coalition collected additional samples from each of the Coalition sites for the analysis of Biological Oxygen Demand to further investigate the DO problem. BOD is tied closely to DO, in that organic matter is broken down by bacteria, thereby depleting oxygen in the system. Results from these analyses are still pending, but once received, a report and discussion will be submitted to the Regional Water Board. It is expected that during the winter, with higher flows due to storm events, DO will not be a problem and we may have to wait until next summer to further evaluate the situation to determine if low DO is due to low flow and/or nutrient loading.

Table 2. Selected field parameter measurements and DO for the *E. coli* source identification study performed on August 29-30, 2006.

Sample Site	Sample Date	Sample Time	DO mg/L	Observed Flow cfs	Temperature °C
Bear Creek along South Bear Creek Drive	8/30/06	06:40	5.02	5-20	19.3
Cottonwood Creek at Avenue 15	8/29/06	15:00	0.20	no observed flow	22.2
Dry Creek at Waterford	8/29/06	07:40	4.72	5-20	21.5
Dutchman Creek along Sandy Mush Road	8/29/06	17:50	5.70	no observed flow	24.5
Dutchman Creek at Minturn	8/30/06	07:40	2.52	1-5	21.0
Prairie Flower Drain at Morgan Road	8/29/06	10:20	1.66	no observed flow	18.9

3. Complete analytical results

Complete analytical results are attached electronically to this communication report in the form of the field sheets in pdf format.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

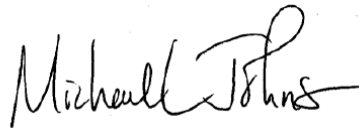
DO

At this time, it is not possible to implement management practices to address DO. We will continue to monitor DO to detect any patterns in exceedances that might be present. Additionally, the analysis of the dissolved oxygen data as described in previous sections may provide us with some insight into causation. Results from the BOD sampling were received on October 17, and we expect to complete our analysis of these results by November 30, 2006. These analyses may also provide insight into the source(s) of low DO in the sub-watersheds.

Table 3. Time schedule: DO exceedances.

Action	Anticipated Completion Date
Analysis of BOD data received on October 17, 2006	November 30, 2006

Respectfully,



Michael L. Johnson, Technical Program

Manager

East San Joaquin Water Quality Coalition

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November 13, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Wendy and Dana:

We are submitting the formal communication report for the sediment toxicity exceedances reported on September 5, 2006.

Table 1. Sediment toxicity exceedances for the ESJWQC Irrigation 4 sampling conducted on August 9, 2006.

Site	<i>Hyalella azteca</i> Survival	
	Ambient Sample (% Survival)	Ambient Sample (% Survival Relative to Control)
Samples collected 8/9/06		
Silva Drain @ Meadow Drive	61	62
Highline Canal @ Highway 99	88.75	89.9
Re-samples collected 9/5/06		
Silva Drain @ Meadow Drive	91	91
Highline Canal @ Highway 99	80	80

1. Follow-up monitoring and analyses conducted.

Follow-up sampling was conducted on September 5, 2006. Neither of the samples tested toxic to *Hyalella*, indicating that the toxicity in the sediment was not persistent (Table 1).

2. Actions taken to identify the source of the exceedance.

Pesticide use reports (PURs) have been requested and these reports will enable the coalition to identify pesticides applied in the area that could have contributed to the toxicity. PURs for applications up to June have been received and are presented below (Table 2). Only applications of pesticides with a high soil organic carbon partitioning coefficient (K_{oc}) are shown here, as they are the most likely to have caused toxicity in sediment. PURs for the months of July and August should be received by the middle of November, 2006.

Silva Drain

Table 2. June pesticide applications upstream of the Silva Drain sampling site with K_{oc} values ≥ 1800 .

TRS	Application Date	Area Treated (acres)	Chemical Name	Quantity Used	K_{oc}
6S12E11	6/15/2006	35	Propargite	11.25 GA	4000
6S12E11	6/14/2006	25	Propargite	7.8 GA	4000
6S12E11	6/14/2006	30.7	Propargite	9.7 GA	4000
6S12E11	6/6/2006	30	Abamectin	300 OZ	5000
6S12E11	6/1/2006	25	Permethrin	217.8 LBS	100000
6S12E11	6/1/2006	35	Permethrin	308.4 LBS	100000
6S12E11	6/1/2006	30.7	Permethrin	267.46 LBS	100000

During this sampling event, surface water samples were also collected. These samples caused complete mortality to Ceriodaphnia and test results indicated that the samples contained a high concentration of chlorpyrifos (0.14 $\mu\text{g/L}$). The soil organic carbon partitioning coefficient of chlorpyrifos is 6070 L/kg; a relatively high value indicating that chlorpyrifos does tend to bind to sediment (though it is also known to be prevalent in the water column as well). Therefore, detection of chlorpyrifos in the water column at Silva Drain is an indication that it was also present in the sediment samples and could have caused toxicity to Hyalella. We do not yet have the PURs to determine where chlorpyrifos was applied in the watershed. Additional PURs were available for applications at this site through June and the high K_{oc} chemicals in Table 2 were applied. Because we do not perform chemical analysis on sediment, it is not possible to know which chemical(s), if any, are responsible for the toxicity. Additional applications through July and August have not yet been received.

During the September 12-14, 2006 surface water sampling event, no toxicity or pesticide exceedances were reported for the Silva Drain @ Meadow Drive site, which indicates that the chlorpyrifos load and toxicity, at least in the water column, was not persistent.

While there is some indication as to potential sources of toxicity in the sediment at Silva Drain, it will not be possible to establish exact sources for sediment because it is not clear when the sediment was deposited at the site. The toxicity experienced in August 2006 could be a result of either recent applications of chemicals that have been transported to the water bodies bound to sediment, or the result of slow breakdown of the chemicals applied much earlier in the growing season. Given that very little is known about the half-life of most chemicals in sediment, the sediment containing the toxic substances could have been deposited up to several months prior to sampling.

Sampling at Silva Drain @ Meadow Drive was initiated during the irrigation season of 2006 and this event was the first to sample sediment from this site.

Highline Canal @ Highway 99

No toxicity was experienced by any of the test organisms during the water column toxicity testing.

Previous sediment toxicity was experienced in May 2005 (60.1% of control), July 2005 (77.3% of control), and May 2006 (50% of control). It is clear that sediment toxicity is persistent at this site.

PURs are not yet available for this site. We expect those to be delivered in the near future.

3. Complete analytical results

Complete analytical results are attached electronically to this communication report in the form of laboratory reports. The reports are in pdf format.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 3. Deliverables time schedule

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	November 20, 2006
Evaluate Pesticide Use and Map Potential Sources	December 31, 2006
Perform Management Practices Survey	December 31, 2006
Implement Outreach/BMP Education	April 30, 2007
Submit Evaluation Report	October 30, 2007

Rationale for the time schedule:

PUR receipt by November 10, 2006 – The Agricultural Commissioner from each of the Counties in the East San Joaquin Coalition region has been contacted and asked to send all reported use that they have on file by November 10.

Evaluate Pesticide Use and Map Potential Sources – Once PURs are received, the Coalition will evaluate where applications may have resulted in water quality exceedances, flag where such applications occurred, and report on our findings in the upcoming Semi-Annual Report due December 31, 2006.

Perform Management Practices Survey – Surveys have been mailed to all Coalition members, and responses from growers are expected to come in by the end of this year.

Implement Outreach/BMP Education – A series of meetings will be held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006. These meetings specifically addressed exceedances up to September, and therefore included the exceedances communicated in this report. In addition, a series of annual meetings will be held December 12, 13, and 14 in each of the counties to report all coalition results and provide additional outreach to growers.

Evaluation report by October 30, 2007 – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Respectfully,

A handwritten signature in black ink that reads "Michael Johnson". The signature is written in a cursive, flowing style.

Michael L. Johnson, Technical Program

Manager

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354
www.esjcoalition.org

November 15, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the physical parameter and metal exceedances reported on September 13, 2006 (see Table 1). Sampling occurred at these sites on August 8-10, 2006 during the fourth irrigation monitoring event of 2006.

Table 1. Physical parameter and metals exceedances in the ESJWQC region during the Irrigation 4 sampling event, August 8-10, 2006. Receiving water limitations are listed under each analyte. As a reference, measured hardness is shown for those exceedances that depend on hardness.

Site Name	Sample Date	E. coli	Total Dissolved Solids	Nitrite as Nitrogen	Hardness	Copper	Copper Criteria
		235 MPN/100 mL*	500 mg/L*	1 mg/L*	mg/L	ug/L based on Hardness	ug/L **
Ash Slough @ Avenue 21	8/8/06				28	6.3	3.14
Deadman's Creek @ Gurr Road	8/8/06	390					
Dry Creek @ Road 18	8/8/06				18	4.6	2.16
Duck Slough @ Highway 99	8/8/06				20	3.4	2.36
Hilmar Drain @ Central Avenue	8/10/06	1000					
Jones Drain @ Oakdale Road	8/9/06	870					
Jones Drain @ Oakdale Road FD ¹	8/9/06	1200			42	5.8	4.45

Site Name	Sample Date	E. coli	Total Dissolved Solids	Nitrite as Nitrogen	Hardness	Copper	Copper Criteria
		235 MPN/100 mL*	500 mg/L*	1 mg/L*	mg/L	ug/L based on Hardness	µg/L **
Mustang Creek @ East Avenue	8/10/06	980					
Prairie Flower Drain @ Crows Landing Road	8/10/06	820	1800	1.1			
Silva Drain @ Meadow Drive	8/9/06	460					
South Slough @ Quinley Road	8/9/06	580					

¹Field Duplicate

*Receiving water limitation

**Based on hardness. Equation for copper exceedance is taken from the State Water Resources Control Board's numerical water quality limits and is based on the 4-day average maximum for total recoverable metals (http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls):

$$\text{Copper Criteria} = \exp\{0.8545[\ln(\text{hardness})] - 1.702\}$$

1. Follow-up monitoring and analyses conducted.

Results were not received from the laboratories until September 6, 2006 and consequently, no immediate follow-up sampling was performed as a result of these exceedances. However, the fifth irrigation sampling event occurred on September 12-14, 2006.

E. coli and total dissolved solids (TDS) have been detected this year at several of the sites listed in Table 1 on sampling dates prior to August 8-10, 2006. Most of the sites that experienced *E. coli* exceedances during the August 8-10, 2006 sampling event also experienced exceedances in the September 12-14, 2006 sampling event, with the exceptions of Hilmar Drain @ Central Avenue, Mustang Creek @ East Avenue, and South Slough @ Quinley.

Prairie Flower Drain @ Crows Landing Road has experienced exceedances in both *E. coli* and TDS during every sampling event this year, with one exception; it did not experience an exceedance in TDS during the September 12-14, 2006 sampling event.

The Ash Slough @ Kibby Road, Dry Creek @ Road 18, Duck Slough @ Highway 99, and Jones Drain @ Oakdale Road sites experienced exceedances in copper during all the sampling events prior to and since the August 8-10, 2006 sampling event, with the exception that Duck Slough @ Highway 99 did not experience an exceedance in copper during the May 17, 2006 sampling event. It should be noted that the Coalition did not analyze samples for metals prior to May 16, 2006.

2. Actions taken to identify the source of the exceedance.

E. coli

E. coli is a general indicator of bacterial contamination and it is not clear what sources contribute to the coliform load. A follow-up study identifying the source of *E. coli* in Coalition water bodies was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) within the Coalition region during non-monitoring events. Analyses to identify the source of the bacteria are currently underway. Using these samples, DNA will be extracted from the bacteria in the water, amplified using real-time PCR, and then, using primers specific to various species, the bacteria will be matched with bacterial sequences from known sources, e.g., humans, cows, chickens, etc. Once we understand the relative contribution of these sources, we can develop an appropriate management strategy. This strategy may involve working with non-agricultural groups to address the exceedances. If there is a contribution from cattle, we will determine if there is irrigated pasture in the watershed draining to the locations of the sampling sites. If present, we will contact the appropriate individuals about the exceedances and management.

The study monitoring plan and the Quality Assurance Program Plan (QAPP) were provided as an attachment to the May 25, 2006 Communication Report, and a revised monitoring plan and QAPP were submitted for the ESJWQC on September 1, 2006. This is the study originally proposed in the October 25, 2005 Communication Report, and includes all watersheds for which exceedances were found during the 2005 dormant and irrigation seasons. The field work began August 22, 2006 for those watersheds mentioned above within the ESJWQC, and the laboratory work to identify the DNA is currently underway. We expect to have the results of the analysis shortly.

TDS

Potential sources of TDS are upstream surface water, ground water, or drain water from irrigated agriculture. Consequently, although TDS is a nonpoint source input to most water bodies, it is possible that there are point source inputs from field drains. Recent conversations with the Turlock Irrigation District indicate that ground water is very shallow and that many of the field drains function to remove the shallow ground water from the fields and move the water to the Prairie Flower drain. This main drain has a location in which the bottom is mud and the drain could be gaining water directly from shallow ground water. To determine the relative contribution of salt from the potential sources, the ESJWQC Coalition is in the process of developing a study to determine the source of the water in the Prairie Flower drain and consequently, the source of the TDS in that drain.

We will attempt to use isotopic techniques to determine if the water containing the ions originated as surface water, shallow ground water, or deep ground water. We hope to complete the study design and submit it to the Regional Board for review by November 15.

Copper

Copper in surface water can originate from a number of sources including natural weathering of rocks/soils, leaching of copper-based preservatives (used on wood and other materials) and pesticides. Past reviews of Pesticide Use Reports (PURs) indicate that numerous compounds containing copper have been applied to crops throughout the Coalition region. We have requested the PURs for the period preceding the August 8-10, 2006 sampling to determine if applications of copper were made. These reports have not yet become available, but we expect to be receiving them by the end of this month (November 30). We will analyze the use information from 2005 and 2006, which will allow us to determine the sources of applications in 2006 and also determine if there are consistent applications across years.

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 6. Time Schedule: *E. coli*/TDS Exceedances

Action	Anticipated Completion Date
Contact Growers in Watersheds	Completed
Perform Management Practices Survey	December 31, 2006
Final Report on Bacterial ID Study	January 15, 2007
Submit TDS Source Study for Review	November 15, 2006
Perform TDS Source Study	June 30, 2007
Outreach/BMP Education	Present-April 30, 2007
Evaluation Report	October 30, 2007

Justification for dates:

Contact growers in the watersheds – A letter has been sent to all growers/operators in the watershed.

Perform management practices survey – A survey circulated for the Jones Drain exceedance has been modified for pesticide applications and was attached to the notification letter sent to the growers in the subwatershed.

Perform Bacterial ID Study – Samples have already been collected and we expect to receive preliminary results from the analysis by November 15, 2006. We will provide the preliminary results as soon as possible after that date. A Final Report on these results will be submitted by January 15, 2007.

Perform TDS study – The study design is still under development and will be submitted to the Regional Board by November 15. The Coalition hopes to initiate sampling for this analyses during the winter storm events and continue into the spring irrigation season. However, we are not sure how long we will need to sample before we are confident we can source the water in the system. Consequently, our date is listed as June 30, 2007 to be conservative.

Outreach/BMP education – A series of meetings will be held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006. These meetings specifically addressed exceedances up to September, and therefore included the exceedances communicated in this report. In addition, a series of annual meetings will be held December 12, 13, and 14 in each of the counties to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Table 7. Time Schedule: Copper

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	November 30, 2006
Contact Growers in Watersheds	Completed
Perform Management Practices Survey	December 31, 2006
Outreach/BMP Education	April 30, 2007
Evaluation Report	October 30, 2007

Justification for dates:

Obtain Pesticide Use Reports – The Agricultural Commissioner from each of the Counties in the East San Joaquin Coalition region has been contacted and asked to send all reported use that they have on file by November 10.

Contact growers in the watersheds – A letter has been sent to all growers/operators in the watershed.

Perform management practices survey – A survey circulated for the Jones Drain exceedance has been modified for pesticide applications and was attached to the notification letter sent to the growers in the Coalition region.

Outreach/BMP education – A series of meetings will be held across the coalition region concerning management of pesticides. The first of those

meetings were held on October 25 and October 31, 2006. These meetings specifically addressed exceedances up to September, and therefore included the exceedances communicated in this report. In addition, a series of annual meetings will be held December 12, 13, and 14 in each of the counties to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Let me know if further explanation or documentation is necessary.

Respectfully,

A handwritten signature in black ink that reads "Michael Johnson". The signature is written in a cursive, flowing style.

Michael L. Johnson, Technical Program

Manager

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354

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November 17, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the field parameter exceedances reported on September 15, 2006 (see Table 1 below). These exceedances occurred during the fifth sampling event of the irrigation season between September 12 and September 14, 2006.

Table 1: Field exceedances experienced in receiving waters sampled for the ESJWQC on September 12-14, 2006 during the fifth irrigation sampling of 2006.

Site Name	Sample Date	EC (μ S/cm)
Prairie Flower Drain @ Crows Landing Road	9/14/06	1276
Hilmar Drain @ Central Avenue	9/14/06	773

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was conducted. Electrical conductivity (EC) exceedances at the Prairie Flower Drain site are experienced in nearly every sampling event and we believe that we have documented that the elevated EC is persistent across long periods of time. EC exceedances at the Hilmar Drain @ Central Avenue site are less common with exceedances during storm sampling events (March 1 and 16, 2006) and the third irrigation season sampling (July 13, 2006).

EC exceedances and total dissolved solid (TDS) exceedances have generally occurred at the same time for these two sites due to high levels of salts in both the ground water and the shallow drains leading to these sites. During the September sampling, the Highline Canal site and the Prairie Flower Drain site

experienced TDS exceedances as well as EC exceedances (510 and 760 mg/L respectively).

2. Actions taken to identify the source of the exceedance.

Electrical Conductivity

Elevated conductivity may be due to anthropogenic factors, as well as natural soil geological conditions. Irrigation water can originate from surface storage facilities or ground water. Both of these have distinct oxygen and deuterium isotopic signatures. Water entering the drains comes from seepage into the drains from shallow ground water, direct discharge from surface irrigation return flows or rainfall events, and discharge from field drains. These also have distinct isotopic signatures depending on the origin of the water for irrigation.

Additionally, since the source of the ions in the different source waters is different, we can use the combination of specific ions and the isotopic signatures of the water to determine the relative source contribution to the water in the drains.

A study to identify the source of salts and ions in the surface waters will be conducted and completed by the end of the 2007 irrigation season. Results from this study will hopefully identify the general sources of ions in the surface water and will help the Coalition to effectively develop a management approach to present to the growers in the watershed.

3. Complete analytical results

Complete analytical results are attached electronically to this communication report in the form of the field sheets in pdf format.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

EC

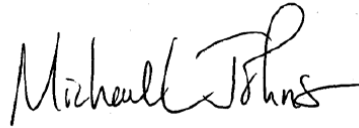
After conducting the proposed study to help determine the source(s) of EC (i.e. source of salts in the surface waters), we will better be able to address the proper implementation of management practices. We will file an addendum to this Communication Report with the results of the study and management plans, if any, that are to be implemented in the watershed.

Table 2. Time schedule: EC exceedances.

Action	Anticipated Completion Date
Conceptual EC Isotopic Study to Identify Potential Sources	Completed
Completion of Isotope EC Study	September 30, 2007

Pending the results of the proposed study, no management practices effectiveness evaluation is planned. If the results indicate that the EC exceedances are a function of agricultural practices, we will provide an amendment to this Communication Report with a time schedule for implementation of management practices. The time schedule will be based on the current submission, and all contacts with growers and outreach will occur as if the process was initiated at this time.

Respectfully,

A handwritten signature in black ink, appearing to read "Michael Johnson", with a stylized flourish at the end.

Michael L. Johnson, Technical Program

Manager

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354
www.esjcoalition.org

November 27, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the formal communication report for the toxicity exceedance experienced during the Irrigation 5 sampling event on September 12, 2006 (Exceedance Report submitted September 21, 2006) (Table 1). We have excluded exceedances that occurred at the Highline Canal sampling sites because the implementation of the Management Plan submitted November 17, 2006 for that sub-watershed will address *Ceriodaphnia* toxicity exceedances.

Table 1. ESJWQC toxicity exceedances from the fifth Irrigation sampling event conducted September 12-14, 2006.

Site	Season	Sampling Date	<i>Ceriodaphnia dubia</i> Survival (% control)
Berenda Slough along Road 18	Irrigation	9/12/06	40
Dry Creek @ Wellsford Road	Irrigation	9/14/06	70

1. Follow-up monitoring and analyses conducted.

Neither the Berenda Slough along Road 18 nor Dry Creek @ Wellsford Road sites have experienced exceedances in toxicity previously this year. Both sites were sampled again on September 21, 2006 in response to the toxicity exceedances experienced during the September 12-14, 2006 sampling event. No toxicity exceedance was observed from the September 21, 2006 sampling (Table 2).

Ambient Water Re-samples

Table 2. Re-sample toxicity results for Berenda Slough along Road 18 and Dry Creek @ Wellsford Road ambient water.

Site	Treatment/Sample ID	% Survival
Berenda Slough along Road 18	Lab Control-re-test	95
Berenda Slough along Road 18	Ambient sample- re-test	100
Dry Creek @ Wellsford Road	Lab Control-re-test	95
Dry Creek @ Wellsford Road	Ambient sample- re-test	100

The *C. dubia* test lab Control treatment exhibited a mean survival response of 95% and the percent survival of the *C. azteca* within the ambient samples taken September 21, 2006 from both sites was 100%. Toxicity at the site appears to not be persistent since the re-sampling of the Berenda Slough along Road 18 and Dry Creek @ Wellsford Road sites showed insignificant (greater than 80% survival compared to control) toxicity.

Ambient Water Toxicity Identification Evaluation

Due to a greater than 50% reduction in survival within the September 12-14, 2006 ambient sample at Berenda Slough along Road 18, Toxicity Identification Evaluation (TIE) tests were performed to determine the source of toxicity.

Table 3. TIE results for Berenda Slough along Road 18 ambient water sample.

TIE Treatment	Mean % Survival
Lab Control	100
Centrifugation blank	100
Centrifugation + C ₁₈ SPE Blank	95
PBO blank	100
Baseline (untreated 100% ambient sample)	0
Centrifuged sample	55
Centrifuged + C ₁₈ SPE-treated sample	100
PBO-treated sample	100

There was 100% survival in the Lab Control and complete mortality in the 100% Baseline sample, indicating that the toxicity that had been previously observed in the Berenda Slough sample was persistent at the time of the TIE. Both the Centrifugation + C₁₈Solid Phase Extraction (C₁₈SPE) and the Piperonyl Butoxide (PBO) TIE treatments removed toxicity. These results indicate the presence of a metabolically-activated organic compound(s) as the toxic agent, and the effect of centrifugation indicates that chlorpyrifos could have been the toxic constituent.

Due to a reduction of less than 50% in survival in the Dry Creek ambient water sample, no toxicity identification evaluation was performed for that sample.

2. Actions taken to identify the source of the exceedance.

TIE results indicate that a metabolically-activated organic compound was the cause of toxicity experienced in the sample taken from Berenda Slough along Road 18. Additional analysis of the sample from the Berenda Slough along Road 18 indicates that chlorpyrifos was present in the water during that sampling event at levels above the Receiving Water Limitation (Exceedance Report submitted October 20, 2006). Although the Berenda Slough along Road 18 and Dry Creek @ Wellsford Road sites have not previously experienced a toxicity exceedance, they have experienced exceedances of chlorpyrifos. Berenda Slough along Road 18 experienced an exceedance of 0.042 µg/L during the July 11-13, 2006 sampling (Exceedance Report submitted August 29, 2006). Dry Creek @ Wellsford Road experienced an exceedances of 0.026 µg/L and 0.024 µg/L during the July 11-13 and August 8-10, 2006 sampling events, respectively. It may be that the chlorpyrifos concentrations seen during the previous samplings were too low to produce any significant toxic effects. The Pesticide Use Reports (PURs) for the period immediately preceding the monitoring event have been requested however have not yet been received.

3. Complete analytical results

Complete analytical results are attached electronically to this communication report.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 4. Time schedule: toxicity exceedances

Action	Anticipated Completion Date
Receive and Evaluate PUR	December 31, 2007
Contact Growers in Watersheds	Completed
Perform Management Practices Survey	December 31, 2006
Implement Outreach/BMP Education	April 30, 2007
Evaluation Report	October 30, 2007

Justification for dates:

Receive and Evaluate PURs by December 31, 2007 – We have a standing request to the County Agricultural Commissioners for the pesticide use reports. Depending on the county, we receive these reports from one to five months after they are filed with the County Agricultural Commissioners. We are allowing an additional month as a contingency in case the delivery of the data is delayed

Contact growers completed October 13, 2006 – A letter has been sent to all growers/operators in the watershed.

Perform management practices survey – A survey was included with the notification letter sent to the growers in the Coalition region on October 13, 2006. We have been receiving these over the last month and expect to receive the surveys back from growers over the next month. We will hopefully be able to derive useful information from the results that will be used in determining where and how management practices can be or are currently being improved in the Coalition region.

Outreach/BMP education – A series of meetings will be held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006. These meetings specifically addressed exceedances up to September, and therefore included the exceedances communicated in this report. In addition, a series of annual meetings will be held December 12, 13, and 14 in each of the counties to report all Coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Let us know if further explanation or documentation is necessary.

Respectfully,

A handwritten signature in black ink, appearing to read "Michael Johnson".

Michael L. Johnson, Technical Program

Manager

East San Joaquin Water Quality Coalition
1201 L Street
Modesto, CA 95354
www.esjcoalition.org

December 12, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting a formal communication report for the pesticide exceedance reported on October 5, 2006 (see Table 1 below). Sampling occurred at these sites on August 8-10, 2006 during the fourth irrigation sampling event of 2006.

Table 1: Pesticide exceedances from the ESJWQC region for samples collected during the August irrigation sampling event. Water quality objectives are listed under each pesticide.

Site Name	Sample Date	DDD 0.00083 µg/L	Chlorpyrifos 0.015 µg/L	Malathion 0.00 µg/L	Biphenthrin 0.0004 µg/L
Deadman Creek @ Gurr Road	8/8/2006			0.19	
Deadman Creek @ Highway 59	8/8/2006				0.011*
Dry Creek @ Wellsford Road	8/10/2006		0.024		
Hilmar Drain @ Central Avenue	8/10/2006	0.003*			
Jones Drain @ Oakdale Road	8/10/2006		0.017*		
Jones Drain @ Oakdale Road – FD**	8/10/2006		0.021		
Mustang Creek @ East Avenue	8/10/2006		0.015*		
Prairie Flower Drain @ Crows Landing Road	8/10/2006				0.037
Silva Drain @ Meadow Drive	8/9/2006		0.14		

*between the MDL (minimum detection limit) and RL (reporting limit), therefore considered an estimate.

**Field Duplicate

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was conducted. Results of the analysis were received on October 5, 2006 and sampling for the September irrigation monitoring event had already occurred. Test results from the September samples indicated that none

of the pesticides detected at the sites listed above were persistent except for chlorpyrifos at the Jones Drain @ Oakdale Road site (Exceedance Report submitted October 20, 2006).

Silva Drain @ Meadow Drive was the only site that experienced toxicity (*Ceriodaphnia dubia*, Communication Report submitted October 25, 2006) (*Hyallela azteca*, Communication Report submitted November 8, 2006) in samples taken on August 9, 2006. The Silva Drain @ Meadow Drive site was re-sampled on August 17, 2006 for the toxicity observed to *Ceriodaphnia* sp. and on September 5, 2006 for the toxicity observed to *Hyallela* sp.

A Toxicity Identification Evaluation (TIE) was performed for the August 9, 2006 ambient water sample. TIE results indicated the presence of a metabolically-activated organic compound(s) as the toxic agent. However, the August 17, 2006 re-sample indicated that the toxicity observed in the water column on August 9, 2006 was not persistent at the site.

No toxicity was observed for the September 5, 2006 re-sample of the sediment, indicating soil toxicity at Silva Drain @ Meadow Drive was not persistent at the site.

The Dry Creek @ Wellsford Road and Silva Drain @ Meadow Drive sites have both experienced exceedances for chlorpyrifos once prior to the August sampling during the July sampling event (Communication Report submitted November 1, 2006).

2. Actions taken to identify the source of the exceedance.

We have requested the Pesticide Use Reports for the period immediately preceding the monitoring event, but those reports have not yet been received. Once the reports come in we will be able to determine where applications of the pesticides were made, the amounts, and the method of application. We will use these reports to identify potential sources.

3. Complete analytical results

Analytical results are quite large but we are attempting to append them electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC and calibration data are included in the data reports. If these data reports are too large, it may take several emails or we may have to send the data by mail.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 2. Time Schedule

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	December 31, 2006
Contact Growers in Watersheds	Complete
Perform Management Practices Survey	December 31, 2006
Outreach/BMP Education	April 30, 2007
Evaluation Report	October 31, 2007

Justification for dates:

Obtain Pesticide Use Reports – It was requested from the Agricultural Commissioner from each of the Counties in the East San Joaquin Coalition region to send all reported use that they had on file by November 10. Merced and Madera County have only provided reports from applications up to June and Stanislaus up to May 2006. We expect the reports relevant to this sampling event to be available by the end of the year.

Contact growers in the watersheds – A letter has been sent to all growers/operators in the watershed.

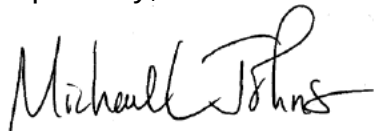
Perform management practices survey – A management practice survey circulated for the Jones Drain exceedance was modified for pesticide applications and was attached to the notification letter sent to the growers in the subwatershed. In addition, surveys have been made available at all meetings with growers this fall including the Annual meetings held December 12-14, 2006.

Outreach/BMP education – A series of meetings will be held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006. These meetings specifically addressed exceedances up to September, and therefore included the exceedances communicated in this report. In addition, a series of annual meetings are being held December 12, 13, and 14 in each of the counties to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 31, 2007.

Let us know if further explanation or documentation is necessary.

Respectfully,



Michael L. Johnson
Technical Program Manager

From: [Melissa Turner](#)

Date: 12/27/06 10:33:47

To: [Dana Kulesza](#)

Cc: mbjohnson@ucdavis.edu; [Francisca Johnson](#); parryk@comcast.net; [Krista Callinan](#); [Lara Reising](#); [Genevieve Walden](#); mmturner@ucdavis.edu

Subject: ESJWQC Communication Report- inorganics (1 of 3)

Attachment: ESJWQC G090457_Irrigation5.pdf
ESJWQC_06_CR_E_coliTDS_Irrigation5_122706_final.doc

Dana,

Due to the size of the lab result documents for the attached communication report, this is the first of three emails with lab result attachments.

Please let me know if you do not receive all three pdfs.

Thanks,
Melissa

East San Joaquin Water Quality Coalition

1201 L Street
Modesto, CA 95354
www.esjcoalition.org

December 27, 2006

Wendy Cohen
Dana Kulesza
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting the Communication Report for the physical parameter and metal exceedances reported on October 20, 2006 (see Table 1). Sampling occurred at these sites on September 12-14, 2006 during the fifth irrigation monitoring event of 2006.

Table 1. Exceedances of receiving water limitations in the ESJWQC region during the September 12-14, 2006 sampling event. Water quality objectives are listed under each analyte. As a reference, measured hardness is shown for those exceedances that depend on hardness.

Site Name	Sample Date	E. coli	TDS	Hardness	Copper ¹	Lead ¹	Selenium	Zinc ¹
		235 MPN/100mL	500 mg/L	mg/L	ug/L	ug/L	5 ug/L	ug/L
Ash Slough @ Avenue 21	9/12/06			30	9.3		5	
Cottonwood Creek @ Road 20	9/12/06			42	5.5			
Deadman Creek @ Gurr Road	9/12/06	>2400						
Dry Creek @ Road 18	9/12/06			8	6.1	0.31		18
Dry Creek @ Wellsford Road	9/14/06	310						
Duck Slough @ Highway 99	9/13/06	340		48	19	24		

Site Name	Sample Date	E. coli	TDS	Hardness	Copper ¹	Lead ¹	Selenium	Zinc ¹
		235 MPN/100mL	500 mg/L	mg/L	ug/L	ug/L	5 ug/L	ug/L
Highline Canal @ Lombardy Avenue	9/13/06			12		0.29		23
Hilmar Drain @ Central Avenue	9/14/06		510					
Jones Drain @ Oakdale Road	9/13/06	>2400		40	9.1	1.8		
Prairie Flower Drain @ Crows Landing Road	9/14/06	>2400	760					
Silva Drain @ Meadow Drive	9/13/06	320						

¹Equations for copper, lead, and zinc exceedance are taken from the State Water Resources Control Board's numerical water quality limits and is based on the 4-day average maximum for total recoverable metals (http://www.swrcb.ca.gov/rwqcb5/available_documents/wq_goals/limit_tables_2003.xls)

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was performed as a result of these exceedances. Results were received from the laboratory over 30 days after samples were collected.

E. coli and total dissolved solids (TDS) have been detected this year at several of the sites listed in Table 1 on sampling dates prior to September 12-14, 2006.

Prairie Flower Drain @ Crows Landing Road has experienced exceedances in both *E. coli* and TDS during every sampling event this year, with one exception; it did not experience an exceedance in TDS during the September 12-14, 2006 sampling event.

The Ash Slough @ Kibby Road, Dry Creek @ Road 18, Duck Slough @ Highway 99, and Jones Drain @ Oakdale Road sites experienced exceedances in copper during all the sampling events prior to the September 12-14, 2006 sampling event, with the exception of Duck Slough @ Highway 99 which did not experience an exceedance in copper during the May 17, 2006 sampling event (Communication Reports submitted September 12, October 4, October 27 and November 15, 2006). The Cottonwood Creek @ Road 20 site has experienced exceedances in copper during the May, 18 and June 13, 2006 sampling events (Communication Reports submitted September 12 and October 4, 2006).

The Duck Slough @ Highway 99 site experienced an exceedance in lead once prior to the September 12-14, 2006 sampling event on July 12, 2006 (Communication Report submitted October 27, 2006). The Dry Creek @ Road

18, Highline Canal @ Lombardy Avenue and Jones Drain @ Oakdale Road sites have not experienced exceedances in lead prior to the September 12-14, 2006 sampling event.

Ash Slough @ Avenue 21 has not experienced exceedances in selenium prior to the September 12-14, 2006 sampling event.

Neither the Dry Creek @ Road 18 site nor the Highline Canal @ Lombardy Avenue site have experienced exceedances in zinc prior to the September 12-14, 2006 sampling event.

It should be noted that the Coalition did not analyze samples for metals prior to May 16, 2006.

2. Actions taken to identify the source of the exceedance.

E. coli

E. coli is a general indicator of bacterial contamination and it is not clear what sources contribute to the coliform load. A follow-up study identifying the source of *E. coli* in Coalition water bodies was initiated on August 22, 2006. For the study, water sampling occurred at 27 sites (4 baseline and 23 monitoring) within the Coalition region during non-monitoring events. Analyses to identify the source of the bacteria have just been completed and the Coalition is awaiting the final report from UC Davis. Those results should be available by December 30, 2006. Once the Coalition understands the relative contribution of potential sources, it can develop an appropriate management strategy. This strategy may involve working with non-agricultural groups to address the exceedances. If there is a contribution from cattle, the Coalition will determine if there is irrigated pasture in the watershed draining to the locations of the sampling sites. If irrigated pasture is present, the Coalition will contact the appropriate individuals about the exceedances and management.

TDS

Potential sources of TDS are upstream surface water, ground water, or drain water from irrigated agriculture. Consequently, although TDS is a nonpoint source input to most water bodies, it is possible that there are point source inputs from field drains. Recent conversations with the Turlock Irrigation District indicate that ground water is very shallow and that many of the field drains function to remove the shallow ground water from the fields and move the water to the Prairie Flower drain. This main drain has a location in which the bottom is mud and the drain could be gaining water directly from shallow ground water. To determine the relative contribution of salt from the potential sources, the ESJWQC Coalition is in the process of developing a study to determine the

source of the water in the Prairie Flower drain and consequently, the source of the TDS in that drain.

A conceptual design for the TDS study was submitted to the Regional Board earlier this fall. The Coalition is currently identifying locations for sampling and will submit a monitoring plan within the next 30 days. The TDS study will be initiated this winter and will continue through the 2007 irrigation season.

Copper

Copper in surface water can originate from a number of sources including natural weathering of rocks/soils, leaching of copper-based preservatives (used on wood and other materials) and pesticides. Past reviews of Pesticide Use Reports (PURs) indicate that numerous compounds containing copper have been applied to crops throughout the Coalition region. We have requested the PURs for the period preceding the September 12-14, 2006 sampling to determine if applications of copper were made. These reports have not yet become available, but we expect to receive them in the near future. We will analyze the use information from 2005 and 2006, which will allow us to determine the sources of applications in 2006 and also determine if there are consistent applications across years.

Lead

Lead in surface water can originate from numerous sources including parent geological material, lead-based paint, aerosols including dust, and previous deposition from lead-based gasoline. Currently, there are no pesticides applied that have lead as a material, although lead arsenate was used in the past. Lead arsenate was used generally only until the 1960s and has been banned on all food crops since 1991. Currently, the most probable source is contaminated soils that originated from old pesticide applications or more probably, the deposition of automobile exhaust along roadways. Lead was present at Duck Slough @ Highway 99 in all sampling periods (Table 2) suggesting that the lead may be originating with contaminated soils at that site. Contaminated soils may have caused contaminated sediment and that sediment may be moved into the water body during storm events. Mobilization of the sediments during irrigation could result in the lead detections at Highway 99 and the eventual exceedance at the Gurr Road site. Because the lead analyses are performed on unfiltered samples, it is not known if the lead is dissolved or associated with particulates, but recent conversations with an expert on environmental lead analysis from the University of California, Santa Cruz, suggest that the lead is particulate bound and not bioavailable. Also, we do not have lead data from Duck Slough above Highway 99 to confirm the hypothesis that the lead is originating (or did originate at some time in the past) at the Highway 99 site. The Coalition will sample upstream of the Highway 99 site to determine if lead is present. Lead found above Highway 99 does not eliminate auto exhaust-contaminated soils as the

cause, but not finding lead strongly supports the conclusion that the lead is from exhaust-contaminated soils at Highway 99. Much like DDT/DDD/DDE, the lead problem is a legacy of the use in the past and will be very difficult to manage.

Table 2. Concentration of lead at Duck Slough @ Highway 99 from the 2006 irrigation season.

Date	Concentration of Lead (in µg/L)
5/17/06	5.2
6/14/06	0.6
7/12/06	0.81
8/08/06	2.3
9/13/06	24

Selenium

Selenium is a naturally occurring element found in soils in the southern portion of the San Joaquin Valley. Selenium may be leached from the soil during irrigation and infiltration of the water into the soil. Irrigation return flows can bring selenium back to surface waters. Identifying sources of selenium would be very difficult and management of selenium discharges will require significant effort on the part of the Coalition and growers in the region.

Zinc

As with the constituents listed above, zinc is a naturally occurring element and can be delivered to surface waters in irrigation return flows. It can also be delivered downstream from sources in the Sierra Nevada. Water in Dry Creek and the Highline Canal originates in the Sierra Nevada, and they also receive irrigation return flows making source identification very difficult. The Coalition is not aware of any products applied during the summer that contain zinc, but will review the pesticide use reports and product information to determine if zinc is applied. Until the Coalition has determined the potential sources of zinc, identification of sources is difficult. When weather permits during the winter, the Coalition will sample upstream of all agriculture to determine if water entering the Central Valley is high in zinc.

3. Complete analytical results

Analytical results are appended electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC data are included in the data reports.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 3. Time Schedule: *E. coli*/TDS Exceedances

Action	Anticipated Completion Date
Contact Growers in Watersheds	January 31, 2007
Perform Management Practices Survey	December 31, 2006
Final Report on Bacterial ID Study	January 15, 2007
Submit TDS Source Study for Review	November 15, 2006
Perform TDS Source Study	September 30, 2007
Outreach/BMP Education	April 30, 2007
Evaluation Report	October 30, 2007

Justification for dates:

Contact growers in the watersheds – All growers will be contacted by January 31, 2007.

Perform management practices survey – A survey was handed out at all of the county grower meetings held Dec 12-14, 2006. In addition, surveys will be included in the package when the Annual Report is mailed to Coalition members.

Perform Bacterial ID Study – Samples have already been collected and the Coalition expects to receive the results from the analysis by December 30, 2006. A Final Report on these results will be submitted by January 15, 2007.

Perform TDS study – The study design was submitted to the Regional Board on November 16, 2006. The Coalition will initiate sampling for this analysis during the winter storm events and continue into the irrigation season.

Outreach/BMP education – A series of meetings have been held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006, and county meetings were held on December 12, 13, and 14, 2006 to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Table 4. Time Schedule: Copper

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	January 31, 2007
Contact Growers in Watersheds	January 31, 2007
Perform Management Practices Survey	January 31, 2007
Outreach/BMP Education	April 30, 2007
Evaluation Report	December 31, 2007

Justification for dates:

Obtain Pesticide Use Reports – The Agricultural Commissioner from each of the Counties in the East San Joaquin Coalition region has been contacted and asked to send all reported use.

Contact growers in the watersheds – All growers will be contacted by January 31, 2007.

Perform management practices survey – A survey was handed out at all of the county grower meetings held Dec 12-14, 2006. In addition, surveys will be included in the package when the Annual Report is mailed to Coalition members.

Outreach/BMP education – A series of meetings have been held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006, and county meetings were held on December 12, 13, and 14, 2006 to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by December 31, 2007.

Table 5. Time Schedule: Lead

Action	Anticipated Completion Date
Complete lead sampling for isotopic analysis	September 30, 2007
Contact Growers in Watersheds	January 31, 2007
Perform Management Practices Survey	January 31, 2007
Outreach/BMP Education	April 30, 2007
Evaluation Report	December 31, 2007

Justification for dates:

Complete lead sampling for isotopic analysis – Different sources of lead have different isotopic signatures. The Coalition will contract with UC Santa Cruz to perform the lead analysis. Sampling will occur coincident with the normal sampling and when lead is detected, isotopic analysis will be performed.

Contact growers in the watersheds – All growers will be contacted by January 31, 2007.

Perform management practices survey – A survey was handed out at all of the county grower meetings held Dec 12-14, 2006. In addition, surveys will be included in the package when the Annual Report is mailed to Coalition members.

Outreach/BMP education – A series of meetings have been held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006, and county meetings were held on December 12, 13, and 14, 2006 to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by December 31, 2007.

Table 6. Time Schedule: Selenium

Action	Anticipated Completion Date

Contact Growers in Watersheds	January 31, 2007
Perform Management Practices Survey	January 31, 2007
Outreach/BMP Education	April 30, 2007
Evaluation Report	December 31, 2007

Justification for dates:

Contact growers in the watersheds – All growers will be contacted by January 31, 2007.

Perform management practices survey – A survey was handed out at all of the county grower meetings held Dec 12-14, 2006. In addition, surveys will be included in the package when the Annual Report is mailed to Coalition members.

Outreach/BMP education – A series of meetings have been held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006, and county meetings were held on December 12, 13, and 14, 2006 to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by December 31, 2007.

Table 7. Time Schedule: Zinc

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	January 31, 2007
Contact Growers in Watersheds	January 31, 2007
Perform Management Practices Survey	January 31, 2007
Outreach/BMP Education	April 30, 2007
Evaluation Report	December 31, 2007

Justification for dates:

Obtain Pesticide Use Reports – The Agricultural Commissioner from each of the Counties in the East San Joaquin Coalition region has been contacted and asked to send all reported use.

Contact growers in the watersheds – All growers will be contacted by January 31, 2007.

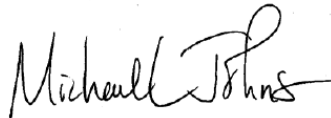
Perform management practices survey – A survey was handed out at all of the county grower meetings held Dec 12-14, 2006. In addition, surveys will be included in the package when the Annual Report is mailed to Coalition members.

Outreach/BMP education – A series of meetings have been held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006, and county meetings were held on December 12, 13, and 14, 2006 to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by December 31, 2007.

Let me know if further explanation or documentation is necessary.

Respectfully,

A handwritten signature in black ink, appearing to read "Michael Johnson", written in a cursive style.

Michael L. Johnson, Technical Program

Manager

From: [Melissa Turner](#)
Date: 12/27/06 10:34:35
To: [Dana Kulesza](#)
Cc: [mbjohnson@ucdavis.edu](#); [Francisca Johnson](#); [parryk@comcast.net](#); [Krista Callinan](#); [Genevieve Walden](#); [Lara Reising](#); [mmtturner@ucdavis.edu](#)
Subject: ESJWQC Communication Report- inorganics (2 of 3)
Attachment: ESJWQC G090529_Irrigation5.pdf

Melissa Turner
Staff Research Assistant
Aquatic Ecosystems Analysis Laboratory
University of California, Davis
office: 530-297-4684
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From: [Melissa Turner](#)
Date: 12/27/06 10:35:34
To: [Dana Kulesza](#)
Cc: [mbjohnson@ucdavis.edu](#); [Francisca Johnson](#); [Krista Callinan](#); [parryk@comcast.net](#); [Genevieve Walden](#); [Lara Reising](#); [mmtturner@ucdavis.edu](#)
Subject: ESJWQC Communication Report- inorganics (3 of 3)
Attachment: ESJWQC G090595.pdf

Melissa Turner
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From: [Melissa Turner](#)

Date: 12/27/06 10:44:18

To: [Dana Kulesza](#)

Cc: [mbjohnson@ucdavis.edu](#); [Francisca Johnson](#); [parryk@comcast.net](#); [Krista Callinan](#); [Genevieve Walden](#); [Lara Reising](#); [mmtturner@ucdavis.edu](#)

Subject: ESJWQC Communication Report- organics

Attachment: ESJWQC_06_CR_Pesticide_Irrigation5_122706_final.doc
ESJWQC 09 12 06 PAC ECO 51619 (8141).pdf
ESJWQC 09 13 06PAC ECO 51633 (8081).pdf

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Modesto, CA 95354
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December 27, 2006

Wendy Cohen
Dana Kulesza
Irrigated Lands Conditional Waiver Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Dana and Wendy,

We are submitting a formal communication report for the pesticide exceedances reported on October 20, 2006 (see Table 1 below). Sampling occurred at these sites on September 12-14, 2006 during the fifth irrigation sampling event of 2006. Exceedances from subwatersheds that will be subject to management plans as outlined in the November 28 letter to the CVRWQCB have been omitted from this report. Those include exceedances of chlorpyrifos at Berenda Slough @ Road 18 and Jones Drain at Oakdale Road.

Table 1: Pesticide exceedances from the ESJWQC region for samples collected during the September 12-14, 2006 irrigation sampling event. Water quality objectives are listed under each pesticide.

Site Name	Sample Date	DDT <i>0.00059 µg/L</i>	Chlorpyrifos <i>0.015 µg/L</i>
Deadman Creek @ Gurr Road	9/12/2006		0.027
Deadman Creek @ Highway 59	9/12/2006		0.069
Jones Drain @ Oakdale Road	9/13/2006	0.013	

1. Follow-up monitoring and analyses conducted.

No follow-up sampling was conducted as a result of the pesticide exceedances. Results of these analyses were received over 30 days past the date of the original sampling.

Neither the Deadman Creek @ Gurr Road nor the Deadman Creek @ Highway 59 sites have experienced exceedances in chlorpyrifos this year prior to the September 12-14, 2006 sampling event.

Jones Drain @ Oakdale Road has not experienced an exceedance in DDT prior to the September 12-14, 2006 sampling event.

No toxicity was experienced in any of the samples taken from sites listed above.

2. Actions taken to identify the source of the exceedance.

DDT is a legacy pesticide that is no longer registered or applied in the Coalition region. There are not a large number of sources of DDT. One potential source is sediment where flows can mobilize small amounts of sediment and DDT ($K_{oc} = 100,000 - 1,000,000$ depending on the source, half life is approximately 150 years) bound to the sediment. The Coalition will evaluate the potential sediment chemistry tests for DDT to determine if testing sediment is feasible. There is no guarantee that sediment from the Jones Drain @ Oakdale Road site is the source, and there is no access to the Jones Drain upstream. Identifying upstream sediment with DDT will be very difficult.

The Coalition have requested the Pesticide Use Reports for chlorpyrifos for the period immediately preceding the monitoring event, but those reports have not yet been received. Once the reports come in, the Coalition will be able to determine where applications of the pesticides were made, the amounts, and the method of application.

3. Complete analytical results

Analytical results are quite large but we are attempting to append them electronically to the transmittal message. These results include all data reports provided to the coalition by the analytical laboratory. QC and calibration data are included in the data reports. If these data reports are too large, it may take several emails or we may have to send the data by mail.

4. Time schedule to identify and implement the Management Practice Effectiveness evaluation.

Table 2. Time Schedule

Action	Anticipated Completion Date
Obtain Pesticide Use Reports	January 31, 2007
Contact Growers in Watersheds	January 31, 2007
Perform Management Practices Survey	December 31, 2006
Outreach/BMP Education	April 30, 2007

Justification for dates:

Obtain Pesticide Use Reports –The Agricultural Commissioner from each of the Counties in the East San Joaquin Coalition region was requested to send all reported uses they had on file by November 10. Merced and Madera County have only provided reports from applications up to June and Stanislaus up to May 2006. We expect the reports relevant to this sampling event to be available by January 31, 2007.

Contact growers in the watersheds – Growers will be notified by January 31, 2007.

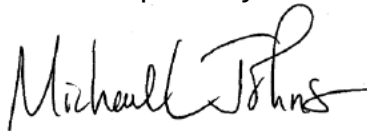
Perform management practices survey – A survey was handed out at all of the county grower meetings held December 12-14, 2006. In addition, surveys will be included in the package when the Annual Report is mailed to Coalition members.

Outreach/BMP education – A series of meetings have been held across the coalition region concerning management of pesticides. The first of those meetings were held on October 25 and October 31, 2006, and county meetings were held on December 12, 13, and 14, 2006 to report all coalition results and provide additional outreach to growers.

Evaluation Report – After implementing the management practices in the 2007 irrigation season, we will be able to evaluate their effectiveness and provide a report by October 30, 2007.

Let us know if further explanation or documentation is necessary.

Respectfully,



Michael L. Johnson, Technical Program
Manager

CONCLUSIONS AND RECOMMENDATIONS

The Coalition was able to meet its objectives to the following degree:

- Determine the concentration and load of waste in discharges to surface waters.
 - The completeness of the analytical data was sufficient to determine concentration and load for all samples collected.
 - Quality control issues were present for a small number of samples, but the batches were evaluated using all LABQA results and were determined to be acceptable.
- Evaluate compliance with existing narrative and numeric water quality objectives to determine if implementation of additional management practices is necessary to improve and/or protect water quality.
 - The data for all constituents for which criteria exist were compared to the appropriate water quality objective.
 - If samples existed in which the constituent exceeded the objective, it was determined that outreach would be performed and additional management practices would be implemented.
 - A series of meetings with growers was held in which additional management practices were presented and growers were encouraged to implement the practices to protect water quality.
 - For those constituents that could not be readily assigned a potential source, the Coalition is undertaking a series of special studies to determine the ultimate cause of the exceedance of water quality objectives.
- Assess the impact of waste discharges from irrigated agriculture to surface water.
 - Comparisons of monitoring data with water quality objectives allowed an evaluation of whether the water body was impacted by irrigated agriculture.
 - The level of impairment is difficult to determine solely from the data collected as ecosystem function is assumed to be impaired, but the mechanism of impairment is difficult to assess.
 - The Coalition is undertaking additional studies and monitoring with the goal of understanding the ecosystem level processes that may be impacted by discharges from irrigated agriculture.
- Determine the degree of implementation of management practices to reduce discharge of specific wastes that impact water quality in watersheds within the coalition region.
 - The Coalition is in the process of sending surveys to growers and accumulating responses to determine the management practices used

in the watersheds in which exceedances of water quality objectives occur.

- The Coalition will continue to assess the degree of implementation of management practices over time.
- Determine the effectiveness of management practices and strategies to reduce discharges of wastes that impact water quality.
 - Determining effectiveness remains an elusive task.
 - Variability in climatic conditions and pest control needs may result in improvement or degradation water quality despite the management practices implemented.
 - The Coalition is receiving information from organizations such as the University of California, Davis and the Coalition for Urban/Rural Environmental Stewardship on the effectiveness of various new management options.
 - At this time, the Coalition does not have a scientifically defensible method of evaluating the effectiveness of management practices implemented in the Coalition region.
 - At this time, the Coalition does not have sufficient information returned from growers to characterize the management practices implemented throughout a watershed with regard to specific exceedances.

The monitoring program was a success in that:

- All planned sample events were captured and samples were collected from all sites that had water
- Chemical testing met the Regional Board's Reporting Limit requirements starting in the 2006 dormant season sampling
- Discharge measurements were collected from all sites at which it is possible to collect measurements
- The coalition improved communications with the laboratories to obtain information on exceedances in a timely manner
- Pesticide Use Reports were able to be associated with all exceedances of pesticides allowing the Coalition to identify potential sources of exceedances

The monitoring program will improve in the following areas:

- The coalition will try to obtain the Pesticide Use Reports more quickly so the source identification analyses can be performed
- The Coalition will attempt to obtain data that are from all of the laboratories in a timely manner
- The Coalition will determine how to obtain information on management practices that will allow an evaluation of their effectiveness in improving water quality

The monitoring program provided the following technical conclusions:

- In many watersheds, large amounts of pesticides are applied emphasizing the importance of managing water quality from a watershed perspective
 - Multiple applications of pesticides in a watershed make source identification difficult
- The most common exceedances were *E. coli*, dissolved oxygen, toxicity, and pesticides in that order