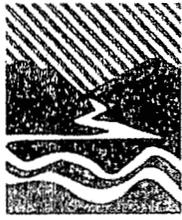


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# Ventura Countywide Stormwater Quality Management Program



## Ventura Countywide Stormwater Monitoring Program 2002/03 Annual Monitoring Chapter October 2003



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Tracy:

This is the document I least intensively reviewed. I do not know if its contents are much different from the monitoring report

(we got July 15<sup>th</sup> we may need prog assistance with Appendix I - statistics

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# Ventura Stormwater Monitoring Chapter Executive Summary

This chapter provides an investigation of stormwater program effectiveness, characterizes the surface water quality of Ventura County, and summarizes water quality data for monitoring conducted during the 2002/03 monitoring season. Analysis of samples collected at various sites throughout the watershed provides information to assess the impact of stormwater discharges and helps characterize the status of surface water quality for watersheds within Ventura County. The monitoring aids in the identification of pollutant sources as well as the evaluation of stormwater program effectiveness. Considering program effectiveness in the evaluation allows for changes to be made in the stormwater program to resolve any problems that may exist. This adaptive management strategy improves the quality and effectiveness of the stormwater program and minimizes the impact of stormwater pollutant discharges on the watershed.

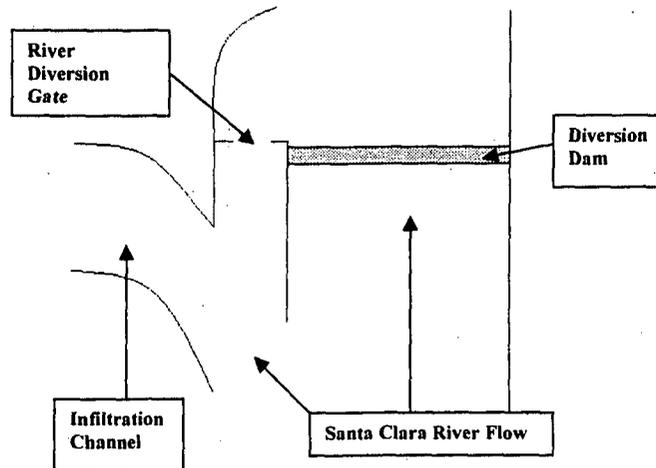
For the 2002/03 monitoring season, a number of key points have been identified and are highlighted below.

- For the 2002/03 monitoring season, there were a total of 6 monitoring events (3 wet weather and 3 dry weather). Samples were collected in accordance with permit requirements for the 2002/03 monitoring season. There was a successful collection of samples at all stations and events as shown in the table below:

Station	Wet Weather Events			Dry Weather Events		
	Event 1	Event 2	Event 3	Event 4	Event 5	Event 6
A-1	-	-	X	-	-	-
R-1	-	-	X	-	-	-
I-2	-	-	X	-	-	-
W-3	-	-	X	-	-	-
W-4	-	-	X	-	-	-
ME-CC	X	X	X	X	X	X
ME-SCR	X	X	X	X	X	X
ME-VR	X	X	X	X	X	X

- Bioassessment monitoring was conducted during Fall of 2002. The second year of a two year bioassessment study was completed for the 2002/03 monitoring season. This study provides baseline information on biological and physical habitat condition as well as the effects of various land use activities, including runoff. The Index of Biological Integrity (IBI) is a scoring method used for this study that ranks and classifies monitoring sites into groups with "good", "fair" and "poor" water quality. IBI scores for 11 sites within the Ventura River Watershed ranged from "fair" to "very good". For the bioassessment analysis, benthic macroinvertebrates (BMIs) were identified to a taxonomic level of Species, but the California Bioassessment Procedure (CBSP) requires a BMI identification to a taxonomic level of Family. Although identification of BMIs to a Species level could provide more information, the San Diego region IBI used in this analysis was designed for Family level identification. In the near future, another Bioassessment study using BMI identification to the taxonomic level of Family will be produced and sent to the Regional Quality Control Board.
- As an associate member of the Southern California Coastal Water Research Project (SCCWRP), VCWPD is involved in other multiple external monitoring efforts and programs. As a member of the Stormwater Monitoring Coalition (SMC) at SCCWRP, VCWPD is currently participating in an Interagency laboratory study to develop performance-based quality assurance and quality control criteria for stormwater monitoring programs throughout the region. VCWPD also supports other projects and advisory groups at SCCWRP including the Commission's Technical Advisory Group (CTAG), Microbiological Source Tracking research, development of a Rapid Microbiological Indicator and the development of an Index of Biological Integrity for the County. VCWPD has also provided \$24,000 for the development of an Index of Biological Integrity (IBI) for the County and \$25,000 to support the Microbiological Source Tracking research. VCWPD and the City of Oxnard are also participating in Bight '03, which is a study on water quality that will ultimately develop a tool to be used for modeling storm water runoff concentrations.
- VCWPD is currently in the process of developing a new water quality database to improve data accuracy and data evaluation. The new database will cost over \$100,000 to develop and will include automated QA/QC evaluation, water quality objective analysis, a new data entry screen, and automatic generation of data tables for the stormwater report. There are plans to expand the database beyond capabilities listed above to perform more complex analyses such as trend analysis. The new water quality database will be a powerful tool to help evaluate the effectiveness of the stormwater program.
- Flow meters were replaced with new and upgraded models at all sites monitored during the 2002/03 season. During Event 3, problems with the ISCO 700 modular flow meter at the land use (A-1) station were encountered. Through the adaptive management process, it was decided that all stations using the modular flow meters would be upgraded to the ISCO 4200 series in order to prevent flow meter failure during future monitoring events. The 4200 series flow meter is considerably more expensive, but should provide reliable and accurate flow readings. As a result, stations A-1, W-3, W-4 and ME-SCR have been upgraded with new 4200 flow meters that include area-velocity probes and level sensors. There was no need to upgrade the flow meters at ME-CC and ME-VR because 4200 flow meters were already installed at those sites.
- Portable refrigeration units (Glacier) have been added to R-1 (Swan Street) and I-2 (Ortega Street) stations during the 2003/04 monitoring season. These units will allow samples to automatically be kept at temperatures in accordance with sampling and preservation requirements.

- VCWPD is investigating the addition of another flow meter at ME-SCR to provide complete flow measurements. During wet weather events, the infiltration channel at ME-SCR is closed to prevent sediment from entering the infiltration ponds. The Santa Clara River then flows over the diversion dam during large storm events and also through a river diversion gate. The river diversion gate runs parallel to the diversion dam and is present in order to maintain the diversion structure connectivity with the river. During wet weather, the majority of flow at the Santa Clara River runs through this river diversion gate and bypasses the diversion dam. Currently, there is no flow meter installed in the river diversion gate. There are technical challenges involved with measuring flow at the river diversion gate, since floating debris and sediment can interfere with flow measurement. VCWPD is currently investigating the use of a Marsh-McBirney Flo-Dar / *contingency* meter which may be capable of measuring flow at this gate.



- The area/velocity flow meter at the ME-SCR has been moved to a shadier location due to algae interference. During dry weather conditions, flow is diverted to infiltration ponds through an infiltration channel. Prior to the start of dry weather sampling at ME-SCR, the flow meter in the diversion channel was moved to a shadier location and recalibrated to provide a more accurate flow measurement in the channel. In the previous location, algae had a tendency to build up around the meter and impact the flow measurements. Placing the meter in a shadier location and adjacent to the channel side wall should reduce fouling of the probe by algae.

- VCWPD conducted an investigation to determine the source of metals found in blanks. Trip and station blanks were added during the 2002/03 monitoring season to investigate metals detected in field blanks for 2001/02 monitoring season. The trip and stationary blanks both contained detectable concentration metals. Consequently, the laboratory process was determined to be the source of the metals, rather than activities. Investigation into the laboratory process determined that two factors are contributing to the blank concentrations: the sample preparation process and the low reporting limits required by the stormwater program. The results indicate metals contamination may be coming from the sample preparation reagents. More details discussing the metals contamination investigation are provided in section 10.7.2.1. A letter from the analyzing lab (FGL Environmental) discussing the investigation is also attached in Appendix G.
  
- VCWPD will switch labs from FGL Environmental to CRG Marine Laboratories as a result of ongoing QA/QC issues. CRG Marine Laboratories in Torrance, CA will be used in the 2003/04 monitoring season to handle all analyses currently conducted by FGL which includes: conventionals, nutrients, metals (except mercury), EPA 8141 and 8151 analyses for pesticides, EPA 8020 analyses for MTBE, 8270 analyses for chlorinated pesticides, PCBs, semi and non-volatile organics, TOC, and oil & grease analyses. Perchlorate testing will also be added to the 2003/04 monitoring season analysis per the Regional Water Quality Control Board's request. Through adaptive management and the aim of obtaining data of the highest quality, the decision to switch labs was made based on the ability of CRG to handle low detection limit metals analyses as well as overall quality control.
  
- QA/QC success rates for the majority of analytical methods had a 90% or greater success rate. QA/QC success rate is defined as the percentage of QA/QC results that are within pre-determined limits. Results are presented in Tables 10-28 to 10-31. With the exception of metals constituents, QA/QC success rates show no major problems. More detailed QA/QC results are presented as Appendix E.
  
- Analytical Results from all six monitoring events did not vary greatly between sites or sampling dates. Constituent concentrations detected were similar to previous monitoring years, and with a few exceptions, no parameters stood out as particularly high. Organic constituents including pesticides and volatiles were largely undetected. Analytical results are presented in Tables 10-32 to 10-48.

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- Comparison chronic toxicity tests were conducted on *Menidia beryllina* (Siversides Minnow) and *Strongylocentrotus purpuratus* (Purple Sea Urchin). Currently, the stormwater monitoring program uses *Menidia* as the marine species for chronic toxicity testing. Chronic toxicity tests using *Menidia* were conducted during all three events at the mass emission stations, and toxicity was not observed in any sample. Additionally, one test was run on the sea urchin during Event 1 to evaluate the comparative sensitivities of the two species. A small amount of toxicity was observed during the sea urchin testing. However, sea urchin is a saltwater species and in order for it to be used for freshwater toxicity testing, salt must be added to the sample. According to Aquatic Bioassay and Consulting (toxicity lab), salt manipulation of the freshwater samples was the most likely cause for the observed toxicity. A letter from the lab detailing these causes of toxicity is attached in Appendix G. SCCWRP also stated in a letter to the VCWPD that the *Menidia* is likely to be more sensitive to ammonia and some pesticides than the purple sea urchin. Both letters from Aquatic Bioassay and Consulting and SCCWRP are attached in Appendix G.
  - Mass loads were calculated for ME-CC and ME-VR for all six events. Loads were also calculated for ME-SCR for the dry monitoring events (Events 4, 5 and 6) only. Mass loads were calculated by using the average daily flow for the event duration and the concentration of the detected constituent. Event duration is defined as the time between when the first sample bottle was collected to the last bottle collected in a composite sampler. Results are presented in Table 10-51 to 10-53.
  - VCWPD compared stormwater quality data with water quality objectives. All data from the beginning of the stormwater program (1993) were compared to water quality objectives from the Basin Plan, Ocean Plan and California Toxics Rule to determine the percent of time that objectives were exceeded. Nutrients, bacteria and metals were most commonly identified as exceeding objectives as part of the water quality objective comparison. However, most of the metals exceedances were based on Ocean Plan objectives. However, all stormwater monitoring is conducted in freshwater waterbodies and discharges. To appropriately apply Ocean Plan objectives, samples need to be collected from ocean waters, outside of the mixing zone of a point source discharge. Also, the direct comparison of the Ocean Plan objectives to the monitoring data does not take into account the dilution that occurs once the stormwater discharge mixes with the ocean. Therefore, it is not clear that metals in stormwater discharges would contribute to exceedances of Ocean Plan objectives in the ocean. Also, Basin Plan bacteria objectives have been updated with the single grab sample criteria as described in the amendment for bacterial objectives.
  - Ventura stormwater runoff event mean concentrations (EMCs) are comparable with other stormwater programs throughout California. EMCs were compared to other programs based on land use types (residential/urban and industrial). It was shown that EMCs for industrial and residential/urban land use types were similar to other regions throughout California including Los Angeles, San Bernardino and Sacramento. There was insufficient agricultural land use data from Ventura County and other stormwater programs to provide a meaningful EMC comparison. As additional data is collected from other regions as well as throughout the County, a meaningful comparison using agricultural EMCs can be made. However, it should be noted that VCWPD does not have the authority to control agricultural runoff.

- The 1998 Pollutants of Concern (POC) analysis was updated to reflect recent data. In 1998, the Countywide Stormwater Quality Program (VCSQMP) developed a list of pollutants of concern (below) and possible sources of the POCs for the stormwater program. Since that time, the program has expanded to include a number of new monitoring stations and additional studies. Extensive studies have been done in some areas of the County in support of TMDL work, and the 303(d) list has been updated. An update of the POC analysis was needed to ensure that the most current information was reflected in the analysis. The analysis is based on a comparison of data collected by the stormwater program to the following categories: water quality criteria, an analysis of possible sources of toxicity, the available BMPs to control sources of the pollutants, 303(d) listings, and local concerns. The POC analysis involves assigning a score to each pollutant based on these factors. The scores are then used to rank or prioritize pollutants based on their potential to cause water quality issues within the county. The following table shows the updated POC list.

Rank	Updated POC List
1	Total Nitrogen
2	Total DDT
3	Chlorpyrifos
4	Copper
5	Total Coliforms
6	Ammonia
7	Zinc
8	Lead

- The Source Identification Plan was updated based on the revised pollutants of concern analysis. A Source Identification plan that was produced in 1998 has been updated with more recent data and an updated analysis. In 1998, the general sources of the 1998 POCs were identified by VCWPD. A plan has been developed to update this initial analysis to include the general sources of any newly identified POCs and to identify and prioritize specific sources of the POCs in Ventura County. The plan to identify source pollutants involves reviewing available literature and local data, determining data gaps and additional needs, and gathering this additional information for source identification.
- Trend analysis was conducted on stormwater runoff quality data collected since 1993. This analysis involved the use of statistical methods to determine whether any trends exist for pollutant loads as well as to determine differences in runoff quality from various land use types and influence of hydrological factors. Results of the analysis indicated that there is a slight increasing trend in total dissolved solids, hardness and Total Kjeldahl Nitrogen concentrations. It was also determined that seasonal precipitation had a statistically significant effect in all statistical models with pollutant concentrations highest in the early wet season and decreasing thereafter. However, the time trend analysis was severely limited by imbalanced data sets. Changes to the sampling plan are necessary to appropriately perform the trend analysis in this report.

# Ventura County Watershed Protection District Annual Stormwater Monitoring Chapter October 2003

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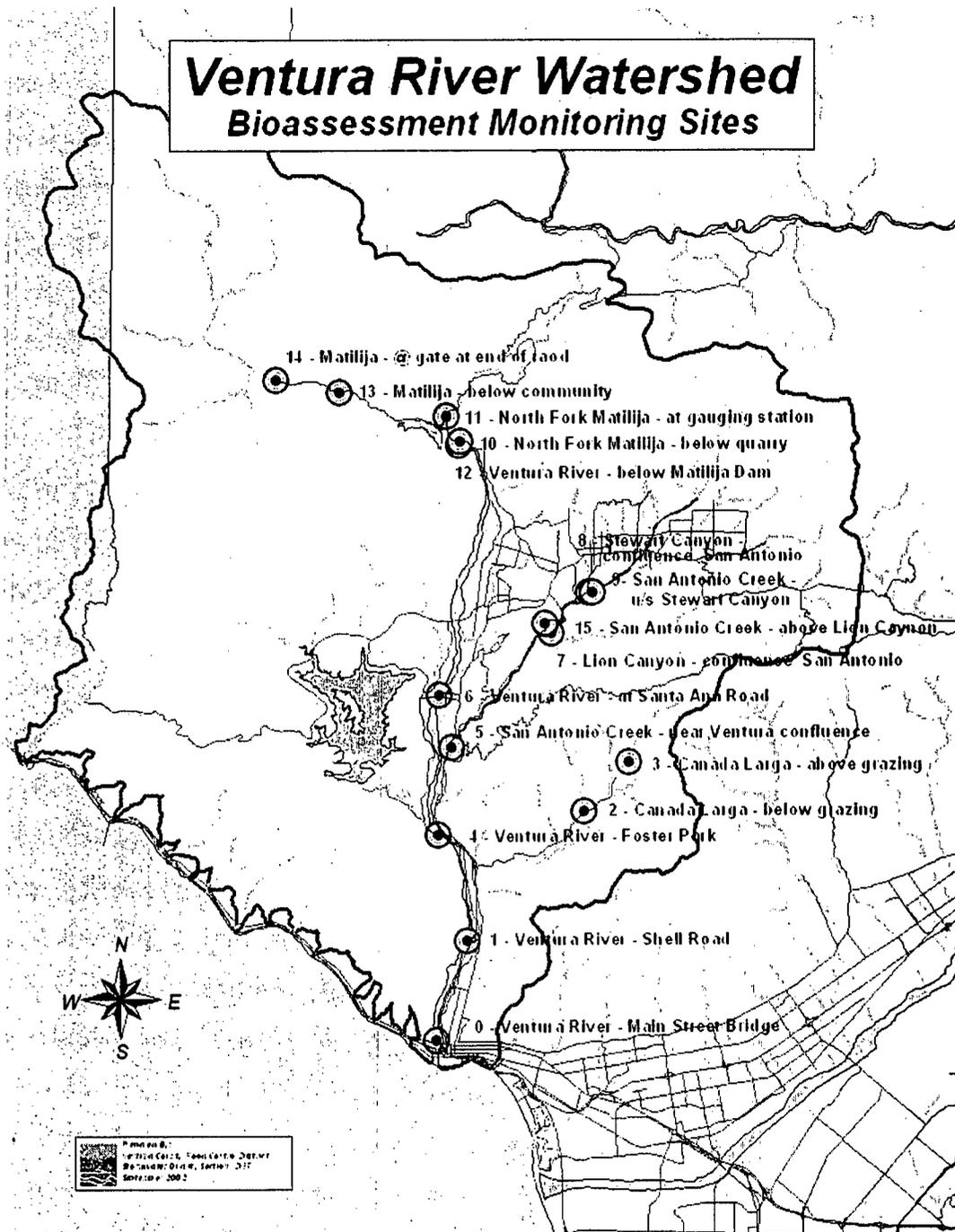
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**10.1.4.3 Materials and Methods**

**10.1.4.3.1 Sampling Site Descriptions**

•Table 10-1. 11 Ventura River watershed sites sampled on September 18 and 19, 2002

Sta.ID	Name	Description and Comments	Latitude	Longitude
0	Ventura River - Main Street Bridge	Mainstem Ventura River, first site above estuary with fresh water.	34 16 54.23	119 24.0
1	Ventura River - Shell Road	Mainstem Ventura River. Area similar to site #0. ¼ to ½ mile downstream from wastewater and treatment plant.	34 18 59.6	119
2	Canada Larga Creek	Canada Larga Creek, d/s of grazing <b>*Dry - not sampled</b>	34 20 31.7	119
3	Canada Larga Creek	Canada Larga Creek, above main area of grazing impact	34 22 23.3	119
4	Ventura River - Foster Park	Mainstem Ventura River. Closest downstream site to monitor impacts of San Antonio Creek. Station is also mass emission station. Bioassessment u/s from Foster Park Bridge.	34 21 07.9	119
5	San Antonio Creek - near Ventura River	San Antonio Creek, first upstream site from confluence with Ventura River. <b>*Dry - not sampled</b>	34 22 50.9	119
6	Ventura River - Santa Ana Rd.	Mainstem Ventura River <b>*Dry - not sampled</b>		
7	Lion Canyon Creek - u/s conf. San Antonio Creek	Lion Canyon Creek (tributary to San Antonio Creek) First u/s location from confluence. Impacted by nearby stables and grazing. Heavy sediment load. <b>*Dry - not sampled</b>	34 25 19.3	119
8	Stewart Canyon Creek - u/s conf. San Antonio Creek	Stuart Creek (tributary to San Antonio Creek) First u/s location from confluence. Impacted by the city of Ojai and less densely developed residential lots.	34 26 07.1	119
9	San Antonio Creek near Stewart Canyon Creek	San Antonio Creek. Impacted by the City of Ojai and less densely developed residential lots.	34 26 1.8	119
10	North Fork Matilija Creek- u/s Ventura River conf.	North Fork Matilija Creek. No dam influence. Below quarry.	34 29 06.0	119
11	North Fork Matilija Creek- at gauging station	North Fork Matilija Creek. No dam influence. Above quarry	34 29 35.1	119
12	Ventura River - below Matilija Dam	Matilija Creek First station below Matilija dam and first existing station above urban influence. Because of dam influence, suggest not using as reference site for urban impact.	34 29 2.4	119
13	Matilija Creek - below community	Matilija Creek. Above dam and below community Monitoring station to evaluate effects of community as excessive amount of algae was found immediately downstream from community.	34 30 04.5	119
14	Matilija Creek - @ gate at end of road	Matilija Creek. Above dam. Monitoring station to evaluate effects of dam and as possible reference conditions. <b>*Dry - not sampled</b>	34 30 16.9	119
15	San Antonio Creek above Lion Creek	San Antonio Creek above Lion Creek	34 25 19.3	119



• Figure 10-1. BMI sampling location of the 16 reaches selected for the biological monitoring plan

### 10.2.3 Mass Emission Sites

Mass emission monitoring was conducted in the Santa Clara River, Calleguas Creek and Ventura River watersheds at the stations shown in Figure 10-11. The site characteristics are summarized in Table 10-13.

• Table 10-13. Mass Emission Site Characteristics

Station Code	Location	Land Uses	Watershed Area (acres)	Rain Gauge
ME-CC	Calleguas Creek – CSUCI north side of Hueneme Road, just east of Lewis Road at the old Camarillo State Hospital Bridge	Mixed Use	160,640	Camarillo
ME-SCR	Santa Clara River – at Freeman Diversion Dam	Open Space	1,003,524	Fillmore Hatchery
ME-VR	Ventura River – Foster Park west of State Highway 33, on the south side of Casitas Vista Road, just west of the Foster Park Bridge	Open Space	119,680	Ojai State Canyon

The mass emission stations, ME-CC and ME-VR, were installed and monitored for the first time in 2000/01. ME-SCR was first installed and monitored in 2001/02. ME-CC and ME-VR emission samples are collected using automated flow proportional composite samplers, the 6712 and 6700FR respectively. ME-SCR also uses a ISCO 6700FR sampler but the composite sampler is programmed to collect samples on a time proportional composite basis due to the configuration of the sampling location. The ME-SCR station is located at a dam where water is diverted by United Water Conservation District for ground water infiltration. The diversion configuration causes challenges with measuring flows at this location (as discussed in Section 10.2.1). Consequently, time based composite samples are collected at this site rather than flow-proportional composite samples.

These stations are also configured for remote access monitoring using state of the art telemetry equipment. Rain gauges are available at ME-SCR and ME-CC, and the ME-VR and ME-CC stations are also equipped with refrigeration units.

### 10.2.2 Receiving Water Characterization Sites

Two receiving water stations are part of the Monitoring Program: W-4 (Revolon Slough) and W-3 (La-Vista). W-3 is located in the upper Revolon Slough watershed and W-4 is located on lower Revolon Slough at Wood Road as shown in Figure 10-11. Both were sampled for one wet weather event in 2002/03. The site characteristics are summarized in Table 10-12.

• Table 10-12. Receiving Water Characterization Site Characteristics

Station Code	Year Installed	Location	Land Uses	Percent Developed	Watershed Area (acres)	Rain Gauge
W-3	1997 (2003 Upgrade)	La Vista Avenue south of Center Road	Agricultural/ Open Space	<2%	752	Somis Deboni
W-4	2001 (2003 Upgrade)	Revolon Slough at Wood Road	Mixed Use	20%	28,800	Oxnard Airport

Site W-3 is in the upper Revolon Slough watershed, which consists primarily of agricultural and open space land uses. The W-4 site is located in the Lower Revolon Slough watershed at the Wood Road Bridge and receives runoff from a large mixed-use area. As mentioned previously, the 700 flow meter at A-1 failed during Event 3. Although flow meters were able to record flow at sites W-3 and W-4 during Event 3, they were also replaced to ensure reliability during future monitoring events. The flow meters at sites W-3 and W-4 were replaced with the upgraded and more reliable 4200 flow meter as part of the replacement of all 700 modular flow meters. Rain gauges are available at W-3 and W-4.

• Table 10-11. Land Use Site Characteristics

Station Code	Year Installed	Location	Primary Land Use	Drainage Basin Area (acres)	Rain Gauge Location
R-1	1992 (2003 Upgrade)	Swan Street and Macaw Avenue (City of San Buenaventura)	Residential	65	County Government Center
I-2	1992 (2003 Upgrade)	Ortega Street (City of San Buenaventura)	Industrial	189	County Government Center
A-1	1994 (2001 & 2003 Upgrades)	Wood Road at Revolon Slough	Agricultural	350 (estimated)	Oxnard Airport

Site R-1 (Swan Street) receives runoff from a relatively new (15 to 20 year old) residential neighborhood consisting of single-family dwellings, churches, parks, and a recreation center. Site I-2 (Ortega Street) is located in an area of older manufacturing facilities, newer industrial parks and a few undeveloped city lots. The associated drainage basin for (I-2) consists of diverse types of industrial facilities. The A-1 site drains the Oxnard Agricultural Plain comprised almost entirely of agricultural land (primarily row crops), including a small number of farm residences and ancillary farm facilities for equipment maintenance and storage. All three monitoring sites are equipped with automated monitoring equipment. For the 2002 monitoring season site A-1 was upgraded with a refrigerated sampler and a 4200 area velocity flow meter. Site R-1 and I-2 have been upgraded with the same equipment for the 2003 monitoring season. Portable refrigeration units (Glacier) have also been installed at sites R-1 and I-2 to allow for automatic refrigeration of samples in accordance with sampling preservation requirements.

Table 10-10 lists rain gauges shown in Figure 10-11 with their corresponding gauge number.

• Table 10-10. Rain Gauge Sites

Number	Gauge	Corresponding Site(s)
194	Camarillo-Adohr	ME-CC (Calleguas Creek)
2633/165	Ojai-Stewart	ME-VR (Ventura River)
222/110	Ventura County Government Center	R-1 (Swan St.), I-2 (Ortega St.)
189	Somis Deboni	W-3 (La Vista Rd.)
2660/171	Fillmore	ME-SCR (Santa Clara River)
168	Oxnard	W-4 (Revolon Slough), A-1 (Wood Rd.)

Sites with multiple gauge numbers represent two different rain gauges located at the same location. One gauge is used for transmitting electronic data for the flood warning ALERT system and is measured at an accuracy of 0.04 inches. The other gauge is a tipping bucket that is measured at an accuracy of 0.01 inches and data is entered manually. When calculating rain fall amounts, the tipping bucket data is used for accuracy unless it is unavailable. ALERT gauge numbers are 4 digits (i.e. 2633) while tipping bucket gauge numbers are 3 digits (i.e. 165) with the exception of the Ventura County Government Center.

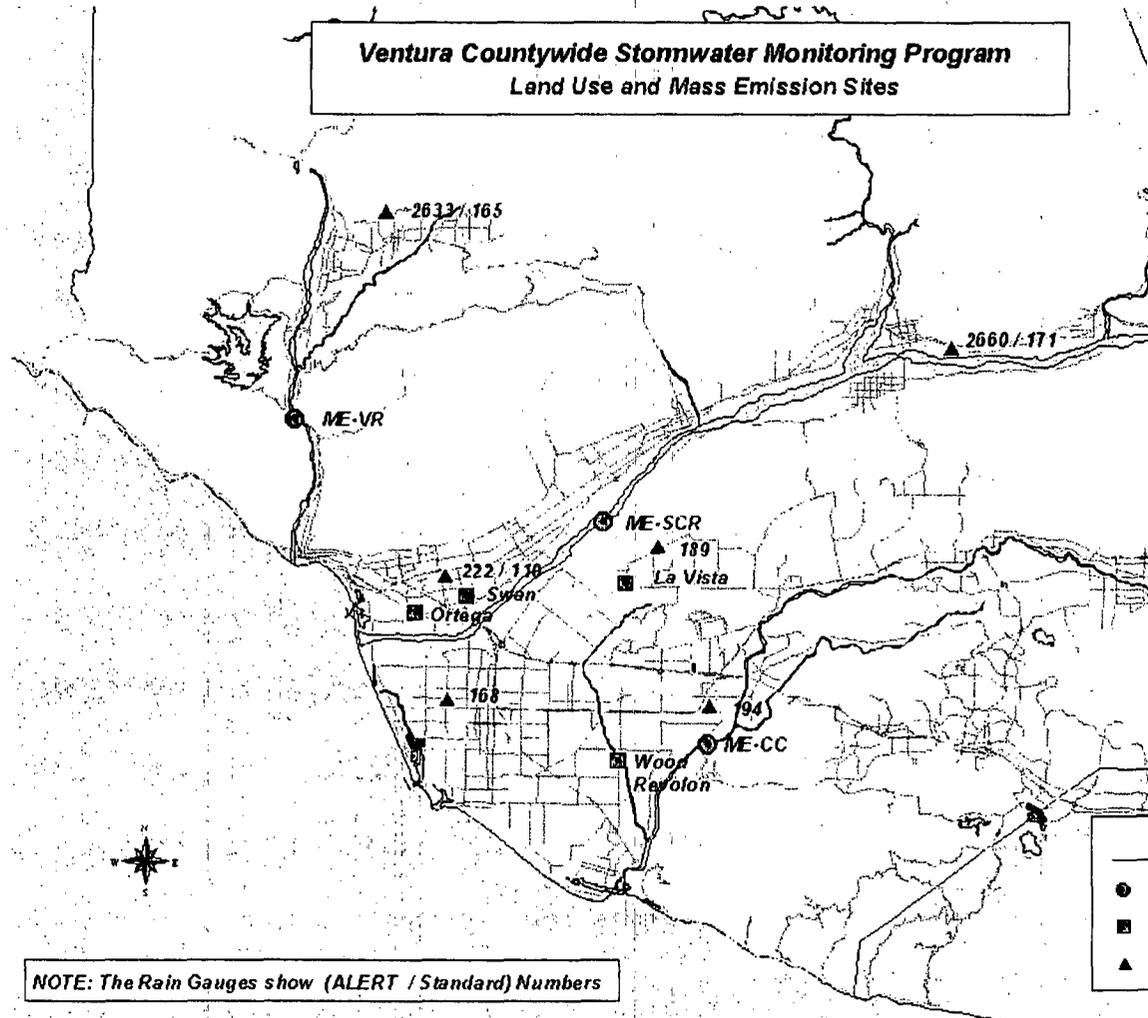
### 10.2.1 Land Use Sites

The Monitoring Program includes three land use monitoring sites, A-1, I-2 and R-1. Each station is identified by a code related to the primary land use in the monitored watershed; I for industrial, A for agricultural, and R for residential. The monitoring schedule for the land use sites is specified in the *Ventura Countywide Stormwater Monitoring Program: Standard Operating Procedures 2000-2005 Stormwater Monitoring*. During 2002/03, A-1 was sampled for water chemistry and toxicity and I-2 and R-1 were sampled for toxicity only. All land use sites will be monitored for water chemistry and toxicity in the 2003/04 monitoring season. Land use station characteristics are also summarized in Table 10-11.

## 10.2 Monitoring Site Locations and Descriptions

The locations of stormwater quality monitoring stations are shown in Figure 10-11.

- Figure 10-11. Ventura County Stormwater Monitoring Locations



APPENDIX **A**

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California Stream Bioassessment Procedure (CBSP)

## APPENDIX A

# CALIFORNIA STREAM BIOASSESSMENT PROCEDURE

### (Protocol Brief for Biological and Physical/Habitat Assessment in Wadeable Streams)

The California Stream Bioassessment Procedure (CSBP) is a standardized protocol for assessing biological and physical/habitat conditions of wadeable streams in California. The CSBP is a regional adaptation of the national Rapid Bioassessment Protocols outlined by the U.S. Environmental Protection Agency in "Rapid Bioassessment Protocols for use in Streams and Rivers" (EPA 841-D-97-002). The CSBP is a cost-effective tool which utilizes measures of the stream's benthic macroinvertebrate (BMI) community and its physical/habitat characteristics to determine the stream's biological and physical integrity. BMIs can have a diverse community structure with individual species residing within the stream for a period of months to several years. They are also sensitive, in varying degrees, to temperature, dissolved oxygen, sedimentation, scouring, nutrient enrichment and chemical and organic pollution. Biological and physical assessment measures integrate the effects of water quality over time, are sensitive to multiple aspects of water and habitat quality and can provide the public with a familiar expression of ecological health.

The use of this procedure will ensure that the data generated can be used by state regulatory agencies and will be compatible with a statewide bioassessment effort. The Protocol Brief is only a summary and does not contain all the information that may be required to implement a bioassessment program.

#### CALIFORNIA DEPARTMENT OF FISH AND GAME SCIENTIFIC COLLECTING PERMIT

Anyone who collects fish, amphibians, or invertebrates from the waters of the state must have in their possession a DFG Scientific Collecting Permit. The permit can be obtained from the DFG License and Revenue Branch in Sacramento (916 227-2225). Those people conducting bioassessment in California should specify on the permit application, that they will take freshwater invertebrates (authorization 5) and incidental fish (authorization 6) and amphibians (authorization 8). It is also advisable to contact the local Game Warden and District Fisheries Biologist at the closest Regional Office prior to collecting. Starting in summer 1999, everyone indicating that they will be conducting bioassessment in California will receive the most recent version of the CSBP Protocol Brief and an Access<sup>®</sup> database program to store, process and return a copy of the collected data.

#### FIELD PROCEDURES FOR COLLECTING BMI SAMPLES AND ASSESSING PHYSICAL/HABITAT QUALITY

The CSBP can be used to detect aquatic impacts from point and non-point sources of pollution and for assessing ambient biological condition. The sampling unit is an individual riffle or riffles within a reach of stream depending on the type of sampling design used. Riffles are used for collecting biological samples because they are the richest habitat for BMIs in wadeable streams. **The BMI sampling procedures described in this Protocol Brief are intended for sampling wadeable, running water streams with available riffle habitats.** There are approved modifications of this procedure for narrow (< 1m) streams, wadeable streams with sand or mud bottoms and channelized streams. There are also procedures for lentic or still water environments.

#### Point Source Sampling Design

There will be discernable perturbations, impacting structures or discharges into the stream with point sources of pollution. The sampling units will be individual riffles within the affected section of stream and an upstream unaffected section. At least one riffle in the unaffected section should be sampled and one or more riffles in the affected section depending on the amount of detail that is required on downstream recovery. The riffles used for sampling BMIs should have relatively similar gradient, substrate and physical/habitat characteristics and quality. **One sample will be collected from 3 randomly chosen transects in each riffle.**

Use the following step-by-step procedures for collecting BMIs using the point source sampling design:

Step 1. Place the measuring tape along the bank of the entire riffle while being careful not to walk in the stream. Each meter or 3 foot mark represents a possible transect location. Select 3 transects from all

#### FIELD EQUIPMENT AND SUPPLIES

Measuring tape (300 ft or 100 meter)  
D-shaped kick net (0.5 mm mesh)  
Standard size 35 sieve (0.5 mm)  
Wide-mouth 500 ml plastic jars  
White enameled pan and forceps  
95% ethanol  
California Bioassessment Worksheet (CBW)  
Physical/Habitat Quality Form  
Chain of Custody Form  
Random Number Table  
Ph, temp, DO and conductivity meter  
Stadia rod and hand level or clinometer  
Densimeter  
GPS unit or watershed topographic map

possible meter marks along the measuring tape using a random number table. Walk to the downstream transect before proceeding to Step 2.

Step 2. Inspect the transect before collecting BMIs by imagining a line going from one bank to the other, perpendicular to the flow. Choose 3 locations along that line where you will place your net to collect BMIs. If the substrate is fairly similar and there is no structure along the transect, the 3 locations will be on the side margins and the center of the stream. If there is substrate and structure complexity along the transect, then as much as possible, select the 3 collections to reflect it.

Step 3. After mentally locating the 3 areas, collect BMIs by placing the D-shaped kick-net on the substrate and disturbing a 1x2 foot portion of substrate upstream of the kick-net to approximately 4-6 inches in depth. Pick-up and scrub large rocks by hand under water in front of the net. Maintain a consistent sampling effort (approximately 1-3 minutes) at each site. Combine the 3 collections within the kick-net to make one "composite" sample.

Step 4. Place the contents of the kick-net in a standard size 35 sieve (0.5 mm mesh) or white enameled tray. Remove the larger twigs, leaves and rocks by hand after carefully inspecting for clinging organisms. If the pan is used, place the material through the sieve to remove the water before placing the material in the jar. Place the sampled material and label (see box) in a jar and completely fill with 95% ethanol. Never fill a jar more than 2/3 full with sampled material and gently agitate jars that contain primarily mud or sand.

Step 5. Proceeding upstream, repeat Steps 2 through 4 for the next two randomly chosen transects within the riffle.

### Non-point Source Sampling Design

There will be no obvious perturbations or discharges into the stream with non-point sources of pollution. This sampling design is appropriate for assessing an entire stream or large section of stream. The sampling units will be riffles within a reach of stream. The stream reach must contain at least 5 riffles within the same stream order and relative gradient. **One sample will be collected from the upstream third of 3 randomly chosen riffles.**

Use the following step-by-step procedures for collecting BMIs using the non-point source sampling design:

Step 1. Randomly choose 3 of the 5 riffles within the stream reach using the random number table.

Step 2. Starting with the downstream riffle, place the measuring tape along the bank of the entire riffle while being careful not to walk in the stream. Select 1 transect from all possible meter marks along the top third of the riffle using a random number table.

Step 3. (See Point Source Sampling Design Step 2)

Step 4. (See Point Source Sampling Design Step 3)

Step 5. (See Point Source Sampling Design Step 4)

Step 6. Proceeding upstream, Repeat Steps 2 through 5 for the next two riffles within the stream reach.

### Sampling Design for Assessing Ambient Biological Conditions

Assessment of ambient biological condition utilizes both the point and non-point source sampling designs to cover an entire watershed or larger regional area. Ambient bioassessment programs are used to evaluate the biological and physical integrity of targeted inland surface waters. Stream reaches should be established in the upper, middle and lower portions of each watershed and above and below areas of particular interest. Quite often bioassessment is incorporated into an existing chemical or toxicological sampling design. In most cases, the water quality information is being collected at a particular point on the stream. Although there will be the tendency to use the point source design, try to convert to a non-point reach design for biological sampling.

### Measuring Physical/Habitat Quality

The physical/habitat scoring criteria is an EPA nationally standardized method. It is used to measure the physical integrity of a stream and can be a stand alone evaluation or used in conjunction with a bioassessment sampling event. DFG recommends that this procedure be conducted on every reach of stream sampled as part of a bioassessment program. Fill out the Physical/Habitat Quality Form for the entire reach where the BMI samples were collected as part of a non-point source sampling design. Some of the parameters do not apply to a single riffle, so this procedure is usually not performed as part of the point source sampling design. **This procedure is an effective measure of a stream's physical/habitat quality, but requires field training prior to using it and implementation of quality assurance measures throughout the field season.**

#### Bioassessment Sample Label

Riffle/Reach Number:

Transect Number:

Stream Name:

Date/Time:

Sampled by:

### Measuring Chemical and Physical/Habitat Characteristics

Measurements of the chemical and physical/habitat characteristics are used to describe the riffle environment and help the water resource specialist interpret the BMI data. The information can be used to classify stream reaches and to explain anomalies that might occur in the data. **They are not necessarily a good substitute for a quantitative fisheries habitat survey.**

Use the following step-by-step procedures to measure chemical and physical/habitat characteristics:

Step 1. Water temperature, specific conductance, pH and dissolved oxygen should be measured at the sampling site using approved standardized procedures and instruments.

Step 2. Record the riffle length determine for the procedure to choose the transect locations. Estimate the average riffle width by averaging several measurements along its length. Measure the riffle depth by placing the stadia rod at several places within the riffle and averaging the measurements.

Step 3. Estimate or measure the entire length of the reach where the three riffles are chosen as part of the non-point source sampling design.

Step 4. Measure the riffle velocity using a flow meter placed in front of the three locations along the transect(s) where the BMI samples were collected. Average the readings.

Step 5. Estimate the percent of the riffle surface which is covered by shade from streamside vegetation (canopy cover) using a densiometer at several places along the riffle and averaging the readings.

Step 6. Determine substrate complexity and embeddedness by applying Parameters 1 and 2, respectively from the Physical/Habitat Quality Form to the riffle where the BMI sample was collected. Use the entire riffle to assess these parameters and make note if the area along the transect(s) are considerably different from the rest of the riffle.

Step 7. Visually estimate the percent of riffle in each of the following substrate categories: fines (<0.1"), gravel (0.1-2"), cobble (2-10"), boulder (>10") and bedrock (solid). Use the entire riffle to assess this parameter and make note if the area along the transect(s) are considerable different from the rest of the riffle.

Step 8. Estimate substrate consolidation by kicking the substrate with the heel of your wader boots to note whether it is loosely, moderately or tightly cemented. The estimate should also take into consideration the hands-on experience obtained from collecting the BMI sample.

Step 9. Measure the gradient or slope of the riffle using a stadia rod and hand level or a clinometer.

### Using the California Bioassessment Worksheet

A California Bioassessment Worksheet (CBW) should be filled out for each individual riffle when following the Point Source Sampling Design and for the entire reach when using the Non-point Sampling Design. Use the following step-by-step procedures for filling out the CBW:

Step 1. Enter the watershed and stream name, date and time of sample collection, name of the company or agency collecting the samples, sample identification number(s), and a short site description on the CBW.

Step 2. Enter the names of each crew member in the Crew Member Box.

Step 3. Determine the longitude and latitude coordinates and elevation from a GPS unit or watershed topographic map. Determine which California ecoregion or sub-ecoregion the site is located in by using the U.S. Forest Service map obtained by visiting the California Aquatic Bioassessment Web Site. Record this information and any other comments on the sampling site in the Site Location Box.

Step 4. Record the water temperature, specific conductance, pH and dissolved oxygen measurements in the Chemical Characteristics Box.

Step 5. Record the physical/habitat characteristics in the Riffle/Reach Characteristics Box. For the Point Source Sampling Design, record the riffle length, the 3 transect locations along the riffle and the physical/habitat characteristics information (starting with Ave. Riffle Width) on the lines below the "riffle 1" column. For the Non-point Source Sampling Design, record the reach length, the total score from the Physical/Habitat Quality Form and all physical/habitat characteristics information on the lines below the "riffle 1" through "riffle 3" columns.

Step 6. Record the name and address of the Bioassessment Laboratory that received the samples along with the laboratory sample numbers if they are different than the field sample identification numbers.

### Using the Chain of Custody (COC) Form

The Chain of Custody (COC) form is a necessary part of collecting BMI samples. It is an official document for tracking the samples from the field to the laboratory and then to their final storage area. The COC will also provide important information if samples are lost or misplaced. Use the following step-by-step procedures for using the COC:

Step 1. At the end of the field day, record the following information on the COC for each group of BMI samples: program name; watershed name; field ID numbers; sampling dates; and name, address, telephone number and signature of one of the crew members collecting the sample.

Step 2. Field samples and COCs must remain in a locked sample depository until a decision has been made to send them to a bioassessment laboratory for processing.

Step 3. When transporting to a bioassessment laboratory, each group of samples must be accompanied by a COC. Upon delivery, a Bioassessment Laboratory Number will be assigned to each sample. Record this number on the COC and each individual CBW along with the name and address of the bioassessment laboratory. When all samples listed on the COC are accounted for, then the individual delivering the samples will sign the "Released By" portion and the laboratory personnel will sign the "Received By" portion of the COC. The original COC will remain at the laboratory and a copy will be retained by the project supervisor.

### PROFESSIONAL (LEVEL 3) LABORATORY PROCEDURES

The CSBP has three levels of BMI identification. Level 3 is the professional level equivalent and requires identification of BMIs to a standard level of taxonomy, usually to genus and/or species level.

#### Subsampling

Step 1. Retrieve the sample from the sample depository and cross-check the sample number with the bioassessment laboratory number on the COC.

Step 2. Empty the contents of the sample jar into the # 35 sieve (0.5 mm mesh) and thoroughly rinse with water.

Step 3. Once the sample is rinsed, clean and remove debris larger than 1/2 inch. Remove and discard green leaves, twigs and rocks. Do not remove filamentous algae and skeletonized leaves.

Step 4. After cleaning, place the material into a plastic tray marked with equally sized, numbered grids (approximately 2x2 inches). Do not allow any excess water into the tray. Spread the moist, cleaned debris on the bottom of the tray using as many grids necessary to obtain an approximate thickness of 1/2 inch. Make an effort to distribute the material as evenly as possible.

Step 5. Remove and count macroinvertebrates from randomly chosen grids until 300 BMIs are removed. Place the BMIs in a clean petri dish containing 70% ethanol/5% glycerin. Completely count the remaining organisms in the last grid but do not include them with the 300 used for identification. The final count should be recorded on the benchsheet for eventual abundance calculations.

Step 6. The debris from processed grids should be put in a clean "remnant" jar and the remaining contents of the tray should be placed back into the original sample jar. Both jars should be filled with fresh 70% ethanol, labeled (bioassessment laboratory number and either "original" or "remnant") and returned to the sample depository.

#### Identification of BMIs

Step 7. Identify the 300 BMIs from each sample to the standardized level recommended by CAMLnet using appropriate taxonomic keys.

Step 8. Place identified BMIs in individual glass vials for each taxon. Each vial should contain a label with taxonomic name, bioassessment laboratory number, stream, county, collection date and collector's name. This voucher collection should be labeled and

### LABORATORY EQUIPMENT AND SUPPLIES

Dissecting microscope  
Standard size 35 sieve (0.5 mm)  
Gridded white enameled pan  
Wide-mouth glass jars  
Plastic petri dish  
Vials  
Taxonomic keys  
70% ethanol/5% glycerin solution  
List of Standardized Taxonomic Levels  
Water-proof paper and pencils  
Laboratory benchsheets  
Random Number Table  
Chain of Custody Form  
Forceps

returned to the Sample Depository.

Step 9. Record taxonomic information on a Macroinvertebrate Laboratory Bench Sheet. The bench sheet should include the following information: watershed or project name; sampling date; sample ID number; bioassessment laboratory number; date of subsampling; name of subsampler; remnant jar number; taxonomy completion date; name of taxonomist; taxonomic list of organism and enumeration; total number of organisms; total number of taxa; list of unknowns, problem groups and comments.

Step 10. Maintain a reference collection of representative specimens of all accurately identified BMI taxa.

## **QUALITY ASSURANCE (QA) PROCEDURES FOR THE FIELD AND LABORATORY**

### **QA for Collecting BMIs**

The CSBP is designed to produce consistent, random samples of BMIs. It is important to prevent bias in riffle choice and transect placement. The following procedures will help field crews collect unbiased and consistent BMI samples:

1. In using the CSBP, most sampling reaches should contain riffles that are at least 10 meters long, one meter wide and have a homogenous gravel/cobble substrate with swift water velocity. **There are approved modifications of the CSBP when these conditions do not exist. Sampling personnel should be familiar with methods to sample narrow streams, wadeable streams with muddy bottoms and channelized streams.**

2. A DFG biologist or project supervisor should train field crews in the use of the BMI sampling procedures described in the CSBP. Field personnel should review the CSBPs before each field season.

3. During the training, crew members should practice collecting BMI samples as described in the CSBP. The 2 ft<sup>2</sup> area upstream of the sampling device should be delineated using the measuring tape or a metal grid and the collection effort should be timed. Practice repeatedly until each crew member has demonstrated sampling consistency. Throughout the sampling season, assure that effort and sampling area remain consistent by timing sampling effort and measuring sampled area for approximately 20% of the sampling events. The results should be discussed immediately and need not be reported.

### **QA for Measuring Physical/Habitat Quality**

Physical/habitat parameters are assessed using a ranking system ranging from optimal to poor condition. This rapid ranking system relies on visual evaluation and is inherently subjective. The following procedures will help to standardize individual observations to reduce differences in scores:

1. A DFG biologist or a project supervisor should train field crews in the use of the EPA physical/habitat assessment procedures. Contact DFG or visit the California Aquatic Bioassessment Web Site for a detailed description of the procedures. Field personnel should review these procedures before each field season.

2. At the beginning of each field season, all crew members should conduct a physical/habitat assessment of two practice stream reaches. Assess the first stream reach as a team and discuss in detail each of the 10 physical/habitat parameters described in the EPA procedure. Assess the second stream reach individually and when members are finished, discuss the 10 parameters and resolve discrepancies.

3. Crews or individuals assessing physical/habitat quality should frequently mix personnel or alternate assessment responsibilities. At the end of each field day, crew members should discuss habitat assessment results and resolve discrepancies.

4. The Project Supervisor should randomly pre-select 10 - 20% of the stream reaches where each crew member will be asked to assess the physical/habitat parameters separately. The discrepancies in individual crew member scores should be discussed and resolved with the Project Supervisor.

### **QA for the Laboratory**

Laboratory analysis of macroinvertebrate samples can be a significant cost for bioassessment programs. The CSBP specifies identification of BMIs to a standard level of taxonomy, usually to genus and/or species level. The CSBP also requires subsampling procedures using a fixed count of 300 organisms. Employing these procedures with confidence requires an effective quality assurance program. Complete quality assurance compliance will require a minimal 10% cost overhead. However, it will allow for testing whether subsampling, organism enumeration and taxonomic identification are consistent and accurate. Use the following procedures in the bioassessment laboratory to ensuring that quality data is produced:

**The California Macroinvertebrate Laboratory Network (CAMLnet)** - All individuals, private consulting firms and agency personnel using the CSBP laboratory procedures should contact the WPCL for information on CAMLnet. This group consists of personnel from bioassessment laboratories throughout California. The group provides a forum where laboratory procedures are discussed and the BMI taxonomic levels are determined. It also provides taxonomic workshops and assistance with interlaboratory

taxonomic verification.

**Standard Operation Procedures (SOP)** - Each bioassessment laboratory should produce an SOP manual following the procedures outlined in the CSBP, but with detailed instructions specific to each laboratory. The SOP manual should be maintained for all laboratory operations and updated regularly. The assigned personnel and the duties of a Laboratory Supervisor and QA Taxonomist should be specified in the SOP manual. Customized benchsheets should be developed for each phase of subsampling and identification.

**Sample Handling and Custody** - When samples arrive, laboratory staff should inspect the samples for a sufficient volume of ethanol and labels for pertinent information including water-body name, sample date and time, location, transect number and sampler name. The steps discussed in the "Using the Chain of Custody (COC)" section in this protocol should be followed. The sample description information should be recorded in the Laboratory Sample Inventory Log and each sample given a unique identification number. A written and electronic record should be maintained to trace the samples from entry into the laboratory through final analysis. Samples should be stored in the a Sample Repository until processing and returned after processing.

**Subsampling** - Subsampling involves removing 300 organisms from each sample, or all organisms if the entire sample contains fewer than 300. The procedure to estimate abundance usually requires removing more than 300 organisms from each sample; however, only 300 are retained for identification. The Subsampling Technician systematically transfers organisms from the sample to a collection vial then transfers the processed sample debris (remnant) into a Remnant jar. At least 10% of the Remnant samples should be examined by the QA Taxonomist for organisms that may have been overlooked during subsampling. For subsamples containing 300 or more organisms, the Remnant sample should contain fewer than 10% of the total organisms subsampled. The Remnant for samples containing fewer than 300 organisms should contain fewer than 30 organisms.

**Taxonomic Identification and Enumeration** - The CSBP requires that all organisms are identified to a standardized taxonomic level using established taxonomic keys and references. The QA Taxonomist should check at least 10% of the samples for taxonomic accuracy and enumeration of individuals within each taxon. The same sample numbers that were selected randomly for the subsampling quality control should be used for this procedure. Misidentifications and/or taxonomic discrepancies as well as enumeration errors should be noted on the laboratory benchsheets. The Laboratory Supervisor determines if the errors warrant corrective action.

**Organism Recovery** - During the sorting and identification process organisms may be lost, miscounted or discarded. Taxonomists will record the number of organisms discarded and a justification for discarding on the laboratory benchsheets. Organisms may be discarded for several reasons including: 1) subsampler mistakes (e.g. inclusion of terrestrial or semi-aquatic organisms or exuviae), 2) small size (< 0.5 mm), 3) poor condition or 4) fragments of organisms. The number of organisms recovered at the end of sample processing will also be recorded and a percent recovery determined for all samples. Concern is warranted when organism recoveries fall below 90%. Samples with recoveries below 90% should be checked for counting errors and laboratory benchsheets should be checked to determine the number of discarded organisms. If the number of discarded organisms is high, then the technician that performed the subsampling should be informed and re-trained if necessary.

**Corrective Action** - Any quality control parameter that is considered out of range should be followed by a standard corrective action process that includes two levels. Level I corrective action includes an investigation for the source of error or discrepancy derived from the quality control parameter. Level II corrective action includes checking all samples for the error derived from the quality control parameter but is initiated only after the results of the Level I process justify it. The decision to initiate Level II corrective action and reanalyze samples or conduct quality control on additional samples should be made by the Laboratory Supervisor.

**Interlaboratory Taxonomic Validation** - An external laboratory or taxonomic specialist should be consulted on a regular basis to verify taxonomic accuracy. External validation can be performed on selected taxa to help the laboratory taxonomists with problem groups of BMIs and to verify representative specimens of all taxa assembled in a reference collection.

**Bioassessment Validation** - The CSBP recommends at least 10% bioassessment validation where whole samples of 300 identified BMIs are randomly selected from all samples either for a particular project or for all samples processed within a set time period such as each 6 months or a year. The labels should be removed from the vials and replaced with a coded label that does not show the taxonomic name of the BMIs. The validation laboratory or specialist should be instructed to identify and enumerate all specimens in each vial and produce a taxonomic list. There will inevitably be some disagreements between the bioassessment and the external laboratory on taxonomic identification. These taxa should be reexamined by both parties and a resolution reached before a final QA report is written. **DFG is working on this QA technique to determine the acceptable level of misidentification and appropriate corrective actions.**

## **DATA DEVELOPMENT AND ANALYSIS**

The CSBP analysis procedures are based on the EPA's multi-metric approach to bioassessment data analysis. The EPA is developing

procedures for multi-variate analysis of bioassessment data, but that method is not presented here. However, the sampling protocols presented in this document were designed to facilitate the use of multi-variate analysis and more information will be presented when standardized techniques for California become available.

A taxonomic list of the BMIs identified for each sample should be generated for each project along with a table of sample values and means for the biological metrics listed on the last page of this document. Variability of the sample values should be expressed as the coefficient of variability (CV). Significance testing can be used for point source sampling programs and ranking procedures can be used to compare sites sampled using the non-point sampling design (contact DFG for information on ranking formulas). Currently, we are using the Index of Biological Integrity (IBI) developed for San Diego to compare sample site mean values. Ultimately, data from Malibu, Callegas, Ventura and San Gabriel will be added to the database to compile a more regional IBI.

APPENDIX B

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Bioassessment Documentation Example

**PHYSICAL HABITAT QUALITY**  
 (California Stream Bioassessment Procedure)

WATERSHED/ STREAM: \_\_\_\_\_

DATE/TIME: \_\_\_\_\_

COMPANY/ AGENCY: \_\_\_\_\_

SAMPLE ID NUMBER: \_\_\_\_\_

SITE DESCRIPTION: \_\_\_\_\_

Circle the appropriate score for all 20 habitat parameters. Record the total score on the front page of the CBW.

HABITAT PARAMETER	CONDITION CATEGORY			
	OPTIMAL	SUBOPTIMAL	MARGINAL	POOR
1. Epifaunal Substrate/ Available Cover	Greater than 70% (50% for low gradient streams) of substrate favorable for epifaunal colonization and fish cover; most favorable is a mix of snags, submerged logs, undercut banks, cobble or other stable habitat and at stage to allow full colonization potential (i.e., logs/snags that are <u>not</u> new fall and <u>not</u> transient).	40-70% (30-50% for low gradient streams) mix of stable habitat; well-suited for full colonization potential; adequate habitat for maintenance of populations; presence of additional substrate in the form of newfall, but not yet prepared for colonization (may rate at high end of scale).	20-40% (10-30% for low gradient streams) mix of stable habitat; habitat availability less than desirable; substrate frequently disturbed or removed.	Less than 20% (10% for low gradient streams) stable habitat; lack of habitat is obvious; substrate unstable or lacking.
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
2. Embeddedness	Gravel, cobble, and boulder particles are 0-25% surrounded by fine sediment. Layering of cobble provides diversity of niche space.	Gravel, cobble, and boulder particles are 25-50% surrounded by fine sediment.	Gravel, cobble, and boulder particles are 50-75% surrounded by fine sediment.	Gravel, cobble, and boulder particles are more than 75% surrounded by fine sediment.
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
3. Velocity/ Depth Regimes <i>(deep &lt; 0.5 m. slow &lt; 0.3 m/s)</i>	All four velocity/depth regimes present (slow-deep, slow-shallow, fast-deep, fast-shallow).	Only 3 of the 4 regimes present (if fast-shallow is missing, score lower than if missing other regimes).	Only 2 of the 4 habitat regimes present (if fast-shallow or slow-shallow are missing, score low).	Dominated by 1 velocity/ depth regime (usually slow-deep).
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
4. Sediment Deposition	Little or no enlargement of islands or point bars and less than 5% (<20% for low-gradient streams) of the bottom affected by sediment deposition.	Some new increase in bar formation, mostly from gravel, sand or fine sediment; 5-30% (20-50% for low-gradient) of the bottom affected; slight deposition in pools.	Moderate deposition of new gravel, sand or fine sediment on old and new bars; 30-50% (50-80% for low-gradient) of the bottom affected; sediment deposits at obstructions, constrictions, and bends; moderate deposition of pools prevalent.	Heavy deposits of fine material, increased bar development; more than 50% (80% for low-gradient) of the bottom changing frequently; pools almost absent due to substantial sediment deposition.
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
5. Channel Flow Status	Water reaches base of both lower banks, and minimal amount of channel substrate is exposed.	Water fills >75% of the available channel; or <25% of channel substrate is exposed.	Water fills 25-75% of the available channel, and/or riffle substrates are mostly exposed.	Very little water in channel and mostly present as standing pools.
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0

Parameters to be evaluated within the sampling reach

HABITAT PARAMETER	CONDITION CATEGORY			
	OPTIMAL	SUBOPTIMAL	MARGINAL	POOR
6. Channel Alteration	Channelization or dredging absent or minimal; stream with normal pattern.	Some channelization present, usually in areas of bridge abutments; evidence of past channelization, i.e., dredging, (greater than past 20 yr) may be present, but recent channelization is not present.	Channelization may be extensive; embankments or shoring structures present on both banks; and 40 to 80% of stream reach channelized and disrupted.	Banks shored with gabion or cement; over 80% of the stream reach channelized and disrupted. Instream habitat greatly altered or removed entirely.
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
7. Frequency of Riffles (or bends)	Occurrence of riffles relatively frequent; ratio of distance between riffles divided by width of the stream <7:1 (generally 5 to 7); variety of habitat is key. In streams where riffles are continuous, placement of boulders or other large, natural obstruction is important.	Occurrence of riffles infrequent; distance between riffles divided by the width of the stream is between 7 to 15.	Occasional riffle or bend; bottom contours provide some habitat; distance between riffles divided by the width of the stream is between 15 to 25.	Generally all flat water or shallow riffles; poor habitat; distance between riffles divided by the width of the stream is a ratio of >25.
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
8. Bank Stability (score each bank) Note: determine left of right side by facing downstream	Banks stable; evidence of erosion or bank failure absent or minimal; little potential for future problems. <5% of bank affected.	Moderately stable; infrequent, small areas of erosion mostly healed over. 5-30% of bank in reach has areas of erosion.	Moderately unstable; 30-60% of bank in reach has areas of erosion; high erosion potential during floods.	Unstable; many eroded areas; "raw" areas frequent along straight sections and bends; obvious bank sloughing; 60-100% of bank has erosional scars.
	Left Bank 10 9	8 7 6	5 4 3	2 1 0
	Right Bank 10 9	8 7 6	5 4 3	2 1 0
9. Vegetative Protection (score each bank) Note: determine left or right side by facing downstream.	More than 90% of the streambank surfaces and immediate riparian zones covered by native vegetation, including trees, understory shrubs, or nonwoody macrophytes; vegetative disruption through grazing or mowing minimal or not evident; almost all plants allowed to grow naturally.	70-90% of the streambank surfaces covered by native vegetation, but one class of plants is not well-represented; disruption evident but not affecting full plant growth potential to any great extent; more than one-half of the potential plant stubble height remaining.	50-70% of the streambank surfaces covered by vegetation; disruption obvious; patches of bare soil or closely cropped vegetation common; less than one-half of the potential plant stubble height remaining.	Less than 50% of the streambank surfaces covered by vegetation; disruption of streambank vegetation is very high; vegetation has been removed to 5 centimeters or less in average stubble height.
	Left Bank 10 9	8 7 6	5 4 3	2 1 0
	Right Bank 10 9	8 7 6	5 4 3	2 1 0
10. Riparian Vegetative Zone Width (score each bank riparian zone)	Width of riparian zone >18 meters; human activities (i.e., parking lots, roadbeds, clear-cuts, lawns, or crops) have not impacted zone.	Width of riparian zone 12-18 meters; human activities have impacted zone only minimally.	Width of riparian zone 6-12 meters; human activities have impacted zone a great deal.	Width of riparian zone <6 meters; little or no riparian vegetation due to human activities.
	Left Bank 10 9	8 7 6	5 4 3	2 1 0
	Right Bank 10 9	8 7 6	5 4 3	2 1 0

Parameters to be evaluated in an area longer than the sampling reach

APPENDIX C

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Bioassessment Data



Table 1. Page 2 of 8

Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name Station No. Replicate No.	Ventura River Main Street Bridge VCFC0			Ventura River Shell Road VCFC1			Canada Larga above grazing VCFC3			Ventura River Foster Park VCFC4			Stewart Canyon Creek u/s conf. San Antonio Creek VCFC8			San Antonio Creek near Stewart Canyon Creek VCFC9			North Fork Matilija Creek u/s conf. Ventura River VCFC10			Ventura River VCFC10EMAP lower middle upper						
				1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	lower	middle	upper				
				<i>Trichoptera (imm.)</i>				0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	2	0	0	0	0	0	0
				<i>Micrasema sp.</i>	1	sc		0	0	0	0	0	0	0	0	0	1	0	0	3	13	9	7	3	9	0	0	0	0	0	0
<i>Helicopsyche</i>	3	sc		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0				
<i>Cheumatopsyche sp.</i>	5	cf		0	0	0	0	0	0	0	0	0	8	0	0	8	3	5	0	0	0	0	0	0	1	0	0				
<i>Hydropsychidae (unident)</i>	4	cf		0	0	0	0	0	0	0	0	0	0	0	0	0	9	4	0	0	0	0	0	0	0	0	0				
<i>Hydropsyche sp.</i>	4	cf		0	2	2	0	0	0	58	53	49	27	10	3	20	36	29	10	13	13	28	24	13	9	4	24				
<i>Hydroptilidae (imm.)</i>	4	sc		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5	0	0	0	0	0	0	0				
<i>Hydroptila sp.</i>	6	sc		5	0	0	0	0	0	0	0	0	0	0	0	0	1	8	0	2	8	6	3	2	3	0	0				
<i>Ochrotrichia sp.</i>	4	cg		8	4	4	0	1	0	0	1	0	11	3	12	24	4	38	27	12	40	12	13	7	1	4	0				
<i>Oxyethira sp.</i>	3	cg		2	0	0	0	0	0	0	0	0	0	0	1	4	1	0	0	1	0	0	0	0	0	0	0				
<i>Lepidostoma sp.</i>	1	sh		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
<i>Oecetis sp.</i>	8	p		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
<i>Marilia flexuosa</i>	0	sh		0	0	0	0	0	0	0	0	0	9	4	0	0	0	0	0	0	0	0	0	0	0	0	1				
<i>Wormaldia sp.</i>	3	cf		0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	0	0	0	0	0	0	0	0	0				
<i>Polycentropus sp.</i>	6	p		0	0	0	10	0	3	0	0	0	2	1	1	1	1	1	3	1	0	0	0	0	0	0	0				
<i>Tinodes sp. (L)</i>	2	cg		0	0	0	0	0	0	0	0	0	35	13	24	48	17	10	5	11	17	4	7	10	1	1	8				
<i>Rhyacophila sp. (L)</i>	0	p		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0				
<i>Gumuga sp.</i>	3	sh		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0				
<i>Pyralidae</i>	5	sh		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
<i>Petrophila sp.</i>	5	sc		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	2	6	1	0	0	3				

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Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name Station No. Replicate No.	Ventura River Main Street Bridge VCFC0			Ventura River Shell Road VCFC1			Canada Larga above grazing VCFC3			Ventura River Foster Park VCFC4			Stewart Canyon Creek u/s conf. San Antonio Creek VCFC8			San Antonio Creek near Stewart Canyon Creek VCFC9			North Fork Matilija Creek u/s conf. Ventura River VCFC10			Ventura River VCFC10EMAP		
				1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	lower	middle	upper
Coloptera (A) (dam.)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Helichus sp.	5	sh		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oreodytes/Hydroporus sp.	5	p		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Microcylloepus sp.	4	cg		83	73	133	15	9	35	0	0	0	38	73	56	0	0	0	4	1	0	76	39	92	90	45	49
Opioservus sp.	4	sc		0	2	1	0	0	0	1	0	0	0	0	0	3	18	0	6	1	1	0	0	0	2	0	1
Ordobrevia sp.	4	sc		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	1	1	0	7	24	0	
Zaitzevia sp.	4	sc		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	11	0	0	0	0	27	14	0
Peltodytes sp.	5	sc		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Enochrus sp. (nr.)	5	cg		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stictotarsus sp.	5	cg		0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	6	2	0	0	0	0	0	0	0
Tropisternus sp.	5	p		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helochares sp.	5	p		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eubrianax edwardsi	4	sc		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psephenus falli	4	sc		0	5	16	0	0	0	0	0	0	18	35	0	0	0	17	37	16	0	0	0	0	0	0	0
Alluaudomyia sp.	6	p		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0
Bezzia/Palpomya sp.	6	p		0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0
Dasyhelea sp.	6	cg		1	0	0	0	0	0	0	1	1	0	1	5	1	2	2	1	0	14	13	13	1	9	8	0
Atrichopogon sp.	6	cg		0	0	0	0	0	0	2	1	1	2	1	0	3	11	4	0	1	0	5	7	0	0	1	4
Chironominae																											
Chironomini	6	cg																									
Dicoretendipes sp.	8	cg		1	0	0	0	0	0	0	0	0	16	6	9	0	0	0	0	0	0	4	1	2	2	2	0
Harnischia Complex	6	cg		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Microtendipes pedellus gr.	6	cf		0	0	0	0	0	0	0	0	0	14	1	27	0	0	0	0	0	0	0	0	0	0	0	0
Polypedilum sp.	6	sc		0	0	0	1	1	1	1	0	1	29	5	35	0	0	0	0	0	0	0	0	0	0	0	0
Stenochironomus sp.	5	cg		0	0	0	0	0	0	0	0	0	0	0	0	1	10	3	0	0	1	0	0	0	0	0	1
Pseudochironomini	5	cg																									
Pseudochironomus sp.	5	cg		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Tanytarsini	6	cg																									
Micropsectra sp.	7	cg		0	0	0	0	0	0	12	9	4	0	1	0	0	2	6	0	0	0	0	0	0	0	0	1
Orthoclaadiinae	5	cg																									
Corynoneura sp.	7	cg		0	0	0	1	0	0	10	3	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	0
Cricotopus sp.	7	cg		3	0	0	17	24	33	2	0	2	4	0	1	19	6	35	11	14	2	4	20	17	4	12	5
Eukiefferiella sp.	8	cg		0	0	0	0	0	0	0	0	2	1	4	3	1	1	0	0	0	9	9	6	0	1	0	0
Heleniella sp.	6	cg		0	0	0	0	0	0	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nanocladius sp.	3	cg		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Orthoclaadius Complex	6	cg		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parametrioctonus sp.	5	cg		0	0	3	0	0	0	22	6	11	3	12	2	3	11	4	3	0	0	0	1	0	0	2	0
Rheocricotopus sp.	6	cg		1	0	1	2	2	0	0	0	0	2	2	0	1	0	2	1	2	2	1	4	1	0	0	0
Rheotanytarsus sp.	6	cf		5	1	17	0	0	0	2	2	0	1	1	0	18	5	28	0	0	0	21	6	12	8	2	12
Thienemanniella sp.	6	cg		3	1	1	0	0	0	1	0	0	19	3	3	1	1	2	0	0	0	0	2	0	0	5	4
Tanypodinae																											
Pentaneurini																											
Labrundinia sp.	6	p		0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	0
Nilotanypus sp.	6	p		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pentaneura sp.	6	p		7	1	0	8	9	4	6	1	6	5	11	25	0	0	1	0	2	0	0	0	0	0	0	0

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Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name Station No. Replicate No.	Ventura River Main Street Bridge			Ventura River Shell Road			Canada Larga above grazing			Ventura River Foster Park			Stewart Canyon Creek u/s conf. San Antonio Creek			San Antonio Creek near Stewart Canyon Creek			North Fork Matilija Creek u/s conf. Ventura River			Ventura River VCFC10EMAP					
				VCFC00			VCFC01			VCFC03			VCFC04			VCFC08			VCFC09			VCFC10			lower	middle	upper			
				1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
<i>Radotanypus sp.</i>	7	p		0	0	0	0	0	0	20	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
<i>Thienemannimyia gr.</i>	6	p		0	0	0	0	0	0	0	4	5	10	5	5	3	7	0	3	4	1	1	3	0	0	6	8			
<i>Dolichopodidae (L)</i>	4	p		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0			
<i>Hemerodromia sp. (L)</i>	6	p		0	0	0	0	0	0	0	0	1	2	1	0	1	0	1	5	7	4	0	0	0	0	0	1			
<i>Neoplasta sp. (L)</i>	6	p		0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0			
<i>Ephydriidae (L)</i>	6	sh		0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
<i>Hydrellia sp. (L)</i>	6	sh		0	0	0	6	6	0	0	0	0	1	0	0	0	1	0	1	2	2	0	0	0	0	0	0			
<i>Limnophora sp. (L)</i>	6	p		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0			
<i>Maruina lanceolata (L)</i>	2	sc		0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0			
<i>Pericoma/Telmatoscopus sp. (L)</i>	4	cg		0	0	0	0	0	0	4	2	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0			
<i>Simulium sp. (L)</i>	6	cf		0	6	10	2	0	5	0	1	0	0	3	0	2	0	1	4	2	5	32	33	46	43	6	61			
<i>Euparyphus/Culoparyphus sp. (L)</i>	8	cg		0	1	1	1	0	1	8	2	3	1	23	25	3	8	1	72	56	36	13	7	13	2	61	23			
<i>Hexatoma sp. (L)</i>	2	p		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0			
<i>Limonia sp. (L)</i>	6	sh		0	5	1	4	2	0	0	0	0	0	0	0	0	0	1	0	0	0	2	4	0	0	0	0			
<i>Tipula sp. (L)</i>	4	sh		1	1	0	5	0	0	2	2	1	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0			



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Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name	North Fork Matilija Creek			Ventura River			Matilija Creek			San Antonio Creek		
			Station No. Replicate No.	at gauging station			below Matilija Dam			below community			above Lion Canyon		
				VCFCDI1			VCFCDI2			VCFCDI3			VCFCDI5		
				1	2	3	1	2	3	1	2	3	1	2	3
Trichoptera (imm.)				0	0	0	0	0	0	0	0	0	0	0	
Micrasema sp.	1	sc		58	6	52	0	0	1	1	0	0	1	1	
Helicopsyche	3	sc		3	1	1	0	0	0	0	0	0	0	0	
Cheumatopsyche sp.	5	cf		1	0	1	0	0	0	0	0	0	17	4	
Hydropsychidae (unident)	4	cf		0	0	0	0	0	0	0	0	0	13	0	
Hydropsyche sp.	4	cf		69	38	8	4	8	9	1	1	0	6	14	
Hydroptilidae (imm.)	4	sc		0	0	0	0	0	0	0	0	0	0	0	
Hydroptila sp.	6	sc		0	1	1	2	0	0	0	2	1	0	4	
Ochrotrichia sp.	4	cg		20	2	11	37	4	35	14	1	2	7	6	
Oxyethira sp.	3	cg		0	0	0	0	0	0	0	0	1	2	5	
Lepidostoma sp.	1	sh		0	1	1	0	0	0	0	0	0	0	0	
Oecetis sp.	8	p		0	0	0	1	0	0	0	2	0	0	3	
Marilia flexuosa	0	sh		0	0	0	0	0	0	13	4	1	1	4	
Wormaldia sp.	3	cf		0	0	0	0	0	0	0	0	0	0	0	
Polycentropus sp.	6	p		0	1	2	1	0	2	0	0	0	0	0	
Tinodes sp. (L)	2	cg		9	9	2	0	0	0	2	3	0	2	8	
Rhyacophila sp. (L)	0	p		5	0	1	0	0	0	0	0	0	0	0	
Gumaga sp.	3	sh		0	0	0	0	0	0	1	2	1	0	0	
Pyralidae	5	sh		0	0	0	1	0	0	0	0	0	0	0	
Petrophila sp.	5	sc		2	0	0	8	0	5	0	1	0	0	2	

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Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name Station No. Replicate No.	North Fork Matilija Creek at gauging station VCFC11			Ventura River below Matilija Dam VCFC12			Matilija Creek below community VCFC13			San Antonio Creek above Lion Canyon VCFC15		
				1	2	3	1	2	3	1	2	3	1	2	3
				0	0	0	0	0	0	0	0	0	0	0	0
<i>Helichus</i> sp.	5	sh		0	1	0	1	0	0	0	0	0	0	0	0
<i>Oreodytes/Hydraporus</i> sp.	5	p		0	0	0	0	0	0	0	0	0	0	0	
<i>Microcylloepus</i> sp.	4	cg		18	42	33	37	6	73	56	10	25	34	30	13
<i>Optioservus</i> sp.	4	sc		3	2	9	0	0	0	2	0	0	0	0	0
<i>Ordabrevia</i> sp.	4	sc		0	1	2	0	0	0	0	0	0	0	0	0
<i>Zaitzevia</i> sp.	4	sc		3	1	7	0	0	0	0	0	0	0	0	0
<i>Peltodytes</i> sp.	5	sc		0	0	0	0	0	0	0	0	0	1	1	0
<i>Enochrus</i> sp. (nr.)	5	cg		0	0	0	0	0	0	0	0	0	0	0	0
<i>Stictotarsus</i> sp.	5	cg		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropisternus</i> sp.	5	p		0	0	0	0	0	0	0	1	0	0	0	0
<i>Helochaers</i> sp.	5	p		0	0	0	0	0	0	0	0	0	1	0	0
<i>Eubrianax edwardsi</i>	4	sc		3	9	0	0	0	0	0	0	0	0	0	0
<i>Psephenus falli</i>	4	sc		17	0	2	0	0	0	0	0	0	0	0	0
<i>Alluaudomyia</i> sp.	6	p		0	0	0	0	0	0	0	0	0	0	0	0
<i>Bezia/Palpomyia</i> sp.	6	p		0	0	0	0	0	0	1	3	3	0	0	0
<i>Dasyhelea</i> sp.	6	cg		1	4	0	1	0	0	9	76	41	0	1	2
<i>Atrichopogon</i> sp.	6	cg		0	0	0	0	0	0	0	0	0	1	0	1
<b>Chironominae</b>															
<b>Chironomini</b>	6	cg													
<i>Dicrotendipes</i> sp.	8	cg		0	0	0	1	0	0	0	5	8	0	0	2
<b>Harnischia Complex</b>	6	cg		0	0	0	0	0	0	0	0	0	0	0	1
<i>Microtendipes pedellus</i> gr.	6	cf		0	0	0	0	0	0	1	0	0	0	12	9
<i>Polypedium</i> sp.	6	sc		4	1	3	0	0	0	2	4	1	0	31	16
<i>Stenochironomus</i> sp.	5	cg		1	2	2	0	0	0	0	0	0	0	0	0
<b>Pseudochironomini</b>	5	cg													
<i>Pseudochironomus</i> sp.	5	cg		0	0	0	0	0	0	6	8	7	0	0	0
<b>Tanytarsini</b>	6	cg													
<i>Micropectra</i> sp.	7	cg		0	0	0	0	0	0	3	3	3	0	0	1
<b>Orthocladinae</b>	5	cg													
<i>Corynoneura</i> sp.	7	cg		0	0	0	0	0	0	0	0	0	4	2	0
<i>Cricotopus</i> sp.	7	cg		1	2	1	0	1	0	1	8	6	1	0	0
<i>Eukiefferiella</i> sp.	8	cg		1	0	2	1	6	10	0	0	1	0	0	0
<i>Heleniella</i> sp.	6	cg		0	0	0	0	0	0	0	0	0	0	0	0
<i>Nanocladius</i> sp.	3	cg		0	0	0	0	0	0	0	0	0	0	0	0
<b>Orthocladus Complex</b>	6	cg		0	0	0	0	0	0	1	0	0	0	0	0
<i>Parametricnemus</i> sp.	5	cg		5	20	11	0	0	0	0	0	0	0	0	16
<i>Rheocricotopus</i> sp.	6	cg		0	10	15	0	0	2	5	0	0	5	0	5
<i>Rheotanytarsus</i> sp.	6	cf		1	23	22	0	0	2	6	4	6	20	12	14
<i>Thienemanniella</i> sp.	6	cg		1	8	5	0	0	1	1	0	1	0	5	4
<b>Tanypodinae</b>															
<b>Pentaneurini</b>															
<i>Labrundinia</i> sp.	6	p		0	0	0	0	0	0	2	0	1	1	0	0
<i>Nilotanypus</i> sp.	6	p		0	0	0	0	0	0	0	0	0	0	0	0
<i>Pentaneura</i> sp.	6	p		0	0	0	0	0	0	2	0	0	4	3	7



ABC Laboratories Ventura River Project 2002

Table 2. Summary biological metrics and descriptive statistics by Station for macroinvertebrates sampled from Ventura River ABC laboratories project, 2002.

Biological Metric	Ventura River/ventura RiveCanada Larg/ventura RiverStewart Canyon Creek San Antonio CreeNorth Fork Matilija Creeventura RiverNorth Fork Matilija Creeventura River Matilija CreeSan Antonio Creek													
	VCFC00 Main Street Bridge	VCFC01 Bell Road above grazing	VCFC03 Poster	VCFC04 Pash's conf.	VCFC05 San Antonio Creek	VCFC06 Stewart Canyon Creek	VCFC09 North Fork Matilija Creek	VCFC10 Ventura River	VCFC10EMAP at gauging station	VCFC11 below Matilija	VCFC12 Dabell	VCFC13 below community	VCFC15 Lion Canyon	
<b>Taxonomic richness</b>	mean 20.0	20.3	26.0	31.7	35.3	33.3	25.0	31.3	38.7	18.0	30.7	33.0		
	st. dev. 2.0	4.0	1.0	2.3	5.5	5.0	4.0	1.5	5.1	4.4	0.6	3.5		
	cv 10.0	19.9	3.8	7.3	15.6	15.1	16.0	4.9	13.3	24.2	1.9	10.5		
<b>% Dominant Taxa</b>	mean 37.6	28.1	23.2	18.9	18.3	20.3	25.2	24.1	18.3	48.9	19.9	16.2		
	st. dev. 7.6	1.0	2.8	6.5	3.8	2.5	5.0	5.0	3.7	29.6	5.0	4.7		
	cv 20.3	3.5	12.2	34.3	21.0	12.1	20.0	20.6	20.2	60.6	25.4	29.2		
<b>EPT Taxa</b>	mean 5.0	3.0	3.3	9.3	11.0	8.7	7.7	6.7	12.7	5.7	9.0	9.3		
	st. dev. 1.0	0.0	0.6	1.5	1.7	2.1	0.6	0.6	1.5	1.5	1.0	3.1		
	cv 20.0	0.0	17.3	16.4	15.7	24.0	7.5	8.7	12.1	27.0	11.1	32.7		
<b>EPT Index (%)</b>	mean 26.5	17.3	32.9	23.5	41.3	30.6	36.3	21.6	43.4	32.9	40.3	20.3		
	st. dev. 2.2	9.3	0.7	9.0	7.8	5.6	4.7	12.8	22.3	24.4	5.1	7.1		
	cv 8.3	54.0	2.3	38.3	19.0	18.3	12.9	59.2	51.3	74.2	12.6	35.1		
<b>Sensitive EPT Index (%)</b>	mean 0.2	0.0	13.8	9.9	12.7	6.5	2.6	1.2	17.5	0.1	3.2	2.8		
	st. dev. 0.4	0.0	2.0	2.2	4.9	3.2	0.8	1.5	9.1	0.2	2.4	2.7		
	cv 173.2		14.8	22.6	38.4	48.5	32.0	117.3	52.1	173.2	74.0	97.1		
<b>Cumulative EPT Taxa</b>	total 7	5	6	14	12	12	9	11	17	8	12	12		
<b>Percent Chironomidae</b>	mean 5.0	11.4	17.8	29.8	18.8	5.4	14.9	8.2	18.2	2.6	16.1	20.3		
	st. dev. 3.5	1.3	9.6	10.8	6.9	2.5	2.9	3.1	10.5	2.1	4.3	7.3		
	cv 69.8	11.3	53.7	36.3	36.6	45.0	19.3	37.6	57.9	82.8	26.6	35.8		
<b>Shannon Diversity</b>	mean 1.9	2.2	2.4	2.8	2.8	2.7	2.5	2.5	2.9	1.7	2.6	2.9		
	st. dev. 0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.7	0.1	0.2		
	cv 3.9	7.9	10.2	4.6	3.7	6.9	8.1	5.2	8.3	42.4	3.6	6.3		
<b>Tolerance Value</b>	mean 5.4	5.7	5.8	5.0	5.4	5.9	5.1	5.7	4.4	5.4	5.2	5.9		
	st. dev. 0.6	0.5	0.1	0.3	0.4	0.4	0.1	0.6	0.6	0.4	0.5	0.1		
	cv 11.7	8.6	2.3	5.0	6.7	6.1	2.6	10.4	13.9	8.3	10.3	2.1		
<b>Percent Intolerance Value (0-2)</b>	mean 0.0	0.0	13.7	9.8	11.7	5.9	2.6	1.2	17.1	0.2	2.8	2.0		
	st. dev. 0.0	0.0	1.9	2.2	4.1	2.7	0.8	1.5	8.7	0.4	2.4	1.9		
	cv		13.8	23.0	35.3	45.4	32.0	117.3	50.9	173.2	86.3	93.6		
<b>Percent Tolerance Value (8-10)</b>	mean 25.7	30.9	27.2	15.9	24.7	39.3	7.8	25.5	4.4	7.4	11.7	28.8		
	st. dev. 18.0	12.2	9.2	1.5	8.5	8.3	0.8	16.2	2.4	3.2	6.0	2.5		
	cv 70.0	39.3	33.7	9.6	34.4	21.0	10.9	63.4	55.3	43.6	51.0	6.9		
<b>Percent Collectors</b>	mean 84.6	54.2	22.0	53.6	39.1	46.9	70.6	50.4	38.8	45.1	77.5	46.0		
	st. dev. 8.0	5.4	6.7	2.4	9.3	5.2	3.2	10.7	4.2	30.4	4.3	7.1		
	cv 9.5	9.9	29.4	4.5	23.7	11.0	4.6	21.1	10.8	67.5	5.6	15.4		
<b>Percent Filterers</b>	mean 4.8	1.2	19.2	10.6	19.8	5.3	24.4	18.2	26.0	46.1	3.4	22.7		
	st. dev. 4.3	0.5	2.6	5.6	4.3	0.9	2.3	14.5	11.6	35.3	1.8	5.0		
	cv 90.5	44.3	13.3	52.9	21.7	16.5	9.6	79.5	44.5	76.7	51.3	22.0		
<b>Percent Grazers</b>	mean 3.3	6.4	16.5	15.1	24.6	35.1	2.8	15.0	22.5	5.8	1.7	13.4		
	st. dev. 2.1	3.5	6.9	1.4	9.3	2.9	1.0	15.2	11.7	5.3	1.0	11.4		
	cv 63.3	54.5	41.9	9.1	37.9	8.4	37.1	101.7	52.0	91.8	60.9	85.0		
<b>Percent Predators</b>	mean 6.3	35.2	27.1	19.1	15.0	11.7	1.5	16.2	12.2	2.9	14.9	17.2		
	st. dev. 2.8	3.2	5.7	4.1	3.4	0.9	0.6	13.1	7.5	0.7	3.1	2.4		
	cv 45.0	9.0	21.2	21.6	22.6	8.1	41.1	80.9	61.4	23.5	21.1	14.1		
<b>Percent Shredders</b>	mean 1.0	3.0	14.4	1.6	0.6	0.7	0.7	0.6	0.2	0.2	2.5	0.7		
	st. dev. 0.9	3.3	1.9	1.4	0.2	0.4	0.7	0.2	0.7	0.4	2.1	0.5		
	cv 87.8	109.2	13.0	88.5	34.4	54.8	102.9	89.6	124.5	173.2	84.6	66.5		
<b>Percent Hydropsychidae</b>	mean 0.4	0.0	18.6	5.3	12.7	4.1	7.4	4.0	12.9	2.3	0.2	6.0		
	st. dev. 0.4	0.0	2.2	5.5	3.8	0.8	2.8	3.5	9.6	0.9	0.2	5.2		
	cv 86.6		11.8	102.7	29.8	19.9	37.4	86.7	74.3	38.7	86.6	86.2		
<b>Percent Baetidae</b>	mean 22.3	15.2	0.0	3.7	0.1	0.2	20.6	13.4	3.4	21.7	19.2	8.1		
	st. dev. 5.4	9.5	0.0	1.2	0.2	0.4	1.1	8.4	5.3	19.7	3.1	0.6		
	cv 24.3	62.7		31.7	173.2	173.2	5.3	62.4	155.5	90.5	16.2	7.1		

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Table 3. Initial sample metrics by station and replicate

Metric	Station Name	Ventura River Main Street Bridge			Ventura River Shell Road			Canada Larga above grazing			Ventura River Foster Park			Stewart Canyon Creek u/s conf. San Antonio Creek			San Antonio Creek near Stewart Canyon Creek			North Fork Matilija Creek u/s conf. Ventura River			Ventura River			North Fork Matilija Creek at gauging station			Ventura River below Matilija Dam			Matilija Creek below community			San Antonio Creek above Lion Canyon		
	Station Number	VCFC00			VCFC01			VCFC03			VCFC04			VCFC08			VCFC09			VCFC10			VCFC10EMAP			VCFC11			VCFC12			VCFC13			VCFC15		
	Replicate Number	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	lower	middle	upper	1	2	3	1	2	3	1	2	3	1	2	3
No. Ephemeroptera Taxa		3	3	2	2	2	2	1	0	0	4	3	2	2	2	3	3	2	1	4	3	3	2	3	3	3	3	4	2	2	2	2	3	4	2	3	2
No. Plecoptera Taxa		0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
No. Trichoptera Taxa		3	2	2	1	1	1	1	3	2	7	5	7	7	10	9	5	9	6	4	5	4	5	4	3	7	8	10	5	2	4	6	7	5	8	9	4
No. Ephemeroptera individuals		59	81	72	49	21	71	3	0	0	18	13	12	39	7	13	38	24	15	63	62	63	12	80	73	50	17	18	137	16	51	103	106	104	29	26	27
No. Plecoptera individuals		0	0	0	0	0	0	32	40	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
No. Trichoptera individuals		15	6	6	10	1	3	58	55	50	85	36	46	117	92	108	52	49	92	50	48	32	15	10	33	165	59	80	45	12	47	32	15	6	49	49	11
No. Sensitive E ind.		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
No. Sensitive P ind.		0	0	0	0	0	0	32	40	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
No. Sensitive T ind.		2	0	0	0	0	0	1	1	1	36	22	29	55	38	23	12	16	29	4	8	10	1	2	9	75	17	57	0	0	1	17	9	3	6	18	2

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Table 4. Biological metrics and ranking score by replicate for macroinvertebrates sampled from Ventura River ABC laboratories project, 2002

Metric	Station Name	Ventura River Main Street Bridge			Ventura River Shell Road			Canada Larga above grazing			Ventura River Foster Park			Stewart Canyon Creek u/s conf. San Antonio Creek			San Antonio Creek near Stewart Canyon Creek			North Fork Matilija Creek u/s conf. Ventura River			Ventura River			North Fork Matilija Creek at gauging station			Ventura River below Matilija Dam			Matilija Creek below community			San Antonio Creek above Lion Canyon		
	Station Number	VCFC00			VCFC01			VCFC03			VCFC04			VCFC08			VCFC09			VCFC10			VCFC10EMAP			VCFC11			VCFC12			VCFC13			VCFC15		
	Replicate Number	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	lower	middle	upper	1	2	3	1	2	3	1	2	3	1	2	3
Taxonomic richness		20	22	18	24	21	16	27	26	25	33	33	29	30	41	35	28	38	34	25	29	21	30	33	31	33	43	40	21	13	20	31	31	30	31	37	31
% dominant taxa		38.6	29.5	44.6	27.0	28.8	28.6	20.9	26.4	22.9	12.5	25.4	18.9	15.2	22.6	17.1	22.9	20.1	17.9	25.4	20.0	30.1	29.6	23.0	19.9	22.0	14.6	18.2	33.7	83.0	30.0	18.9	25.3	15.4	21.5	12.3	14.9
EPT taxa		5	5	4	3	3	3	5	4	3	11	8	9	9	12	12	8	11	7	8	8	7	7	7	6	11	13	14	7	4	6	8	10	9	10	12	6
EPT Index (%)		24	28	26	20	6	24	33	33	32	33	17	19	49	33	40	28	26	36	37	40	31	8	21	34	68	27	34	57	9	31	45	40	35	24	24	12
Sensitive EPT Index (%)		0.7	0.0	0.0	0.0	0.0	0.0	11.6	14.2	15.5	12.1	7.7	9.8	17.5	13.0	7.7	3.8	5.8	10.0	1.7	2.9	3.3	0.3	0.5	2.9	24.8	7.3	20.4	0.0	0.0	0.3	5.7	3.0	1.0	1.9	5.8	0.6
Percent Chironomidae		6.6	1.0	7.4	10.2	11.3	12.8	28.9	11.8	12.8	34.4	17.4	37.5	14.6	15.1	26.8	6.0	7.6	2.8	13.0	18.2	13.4	5.3	7.9	11.4	6.1	23.6	24.9	0.6	2.3	4.9	11.4	17.0	19.9	12.0	23.5	25.4
Percent Hydropsychidae		0.0	0.7	0.7	0.0	0.0	0.0	20.9	18.4	16.6	11.5	3.5	1.0	8.9	16.4	12.7	3.2	4.7	4.5	9.4	8.7	4.2	3.3	1.0	7.8	22.3	13.2	3.2	1.3	2.6	2.9	0.3	0.3	0.0	11.4	5.8	1.0
Percent Baetidae		16.2	26.5	24.2	16.7	5.0	23.9	0.0	0.0	0.0	4.3	4.5	2.4	0.0	0.0	0.3	0.6	0.0	0.0	19.7	21.8	20.3	3.9	16.5	19.9	9.6	0.3	0.4	43.5	5.1	16.6	16.8	22.7	17.9	8.5	7.4	8.3
Shannon Diversity		1.87	1.95	1.80	2.35	2.13	2.01	2.68	2.24	2.28	2.95	2.75	2.71	2.73	2.94	2.85	2.52	2.84	2.86	2.49	2.71	2.31	2.38	2.60	2.62	2.62	3.01	3.05	2.02	0.85	2.12	2.56	2.47	2.65	2.72	3.08	2.89
Tolerance Value		5.9	5.6	4.7	5.8	6.1	5.2	5.6	5.8	5.9	5.0	4.7	5.2	5.0	5.6	5.7	6.3	5.7	5.6	5.0	5.3	5.1	5.5	6.4	5.2	3.8	5.0	4.5	5.2	5.9	5.1	4.6	5.4	5.6	5.9	5.8	6.1
Percent Intolerance Value (0-2)		0.0	0.0	0.0	0.0	0.0	0.0	11.6	14.2	15.2	12.1	7.7	9.5	16.2	11.0	8.0	3.8	5.0	9.0	1.7	2.9	3.3	0.3	0.5	2.9	23.9	7.3	20.0	0.0	0.0	0.7	5.4	2.3	0.6	1.3	4.2	0.6
Percent Tolerance Value (8-10)		40.6	30.8	5.7	33.1	41.9	17.8	19.1	23.3	37.2	15.4	14.6	17.6	17.1	33.9	23.1	48.3	32.0	37.6	7.4	8.7	7.2	24.7	42.1	9.8	1.6	5.6	6.0	10.2	3.9	8.1	5.7	11.7	17.6	26.8	28.7	30.8
Percent Collectors		93.1	83.4	77.2	56.3	48.1	58.2	28.9	15.6	24.0	52.5	56.4	52.0	47.9	29.5	39.8	52.1	46.8	41.7	67.9	69.8	74.2	38.5	53.8	59.0	34.7	43.4	38.6	68.3	10.6	56.4	73.1	81.7	77.9	51.7	38.1	48.3
Percent Filterers		1.7	3.0	9.7	1.4	0.6	1.7	21.7	19.4	16.6	16.4	5.2	10.1	15.2	20.5	23.7	4.4	5.4	6.2	27.1	22.9	23.2	20.1	2.9	31.6	29.9	35.1	13.0	17.5	85.5	35.2	5.4	2.0	2.9	28.4	20.6	19.0
Percent Grazers		1.7	2.6	5.7	3.1	10.0	6.1	9.0	17.7	22.6	16.1	13.7	13.5	15.2	33.9	24.7	32.1	35.3	37.9	3.0	3.6	1.6	31.6	11.7	1.6	30.3	9.0	28.1	11.4	1.0	4.9	1.7	2.7	0.6	2.5	25.2	12.4
Percent Predators		3.3	8.9	6.7	32.8	38.8	34.0	28.2	32.3	20.9	14.8	19.5	23.0	18.1	15.4	11.4	11.1	11.2	12.8	1.3	2.2	1.0	9.9	31.3	7.5	5.1	11.5	20.0	2.2	2.9	3.6	15.2	11.7	17.9	17.0	14.8	19.7
Percent Shredders		0.3	2.0	0.7	6.5	2.5	0.0	12.3	14.9	15.9	0.3	3.1	1.4	0.6	0.7	0.3	0.3	1.1	0.7	0.7	1.5	0.0	0.0	0.2	0.3	0.0	1.4	0.4	0.6	0.0	0.0	4.7	2.0	0.6	0.3	1.3	0.6

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Table 5. Five most abundant taxa (mean of three replicates) by reach for macroinvertebrates sampled from the Ventura River ABC Laboratories project, 2002.

Station ID	VFCD6	VFCD1	VFCD3	VFCD4	VFCD5	VFCD8	VFCD10	VFCD10ENAP	VFCD11	VFCD12	VFCD13	VFCD15
	Microcybeus sp. 79.3	Planariidae 77.0	Hydropsyche sp. 53.3	Microcybeus sp. 55.7	Physsa/Physsa sp. 53.0	Epsaryphus/Calsaryphus sp. 54.7	Microcybeus sp. 69.0	Microcybeus sp. 61.3	Micrasema sp. 38.7	Simulium sp. 133.7	Falcom outfall 54.7	Epsaryphus/Calsaryphus sp. 47.3
	Hyalella sp. 73.7	Cyprinidae 67.0	Arge sp. 49.3	Tetonia sp. 24.0	Hydropsyche sp. 26.3	Physsa/Physsa sp. 49.3	Baetis sp. 47.3	Baetis sp. 39.3	Hydropsyche sp. 38.3	Baetis sp. 48.3	Tricorythodes sp. 46.0	Simulium sp. 30.0
	Baetis sp. 48.3	Falcom outfall 44.0	Physsa/Physsa sp. 48.7	Polyneurium sp. 22.0	Tetonia sp. (1) 25.0	Ochrotrichia sp. 30.3	Simulium sp. 37.0	Simulium sp. 36.7	Microcybeus sp. 31.0	Microcybeus sp. 20.7	Daythella sp. 42.0	Microcybeus sp. 25.7
	Falcom outfall 18.7	Oligoneurium sp. 24.7	Mesochia sp. 39.0	Planariidae 18.7	Ochrotrichia sp. 22.0	Tricorythodes sp. 34.7	Hydropsyche sp. 21.7	Brechotrogus mendes 34.0	Simulium sp. 23.0	Ochrotrichia sp. 25.3	Microcybeus sp. 30.3	Falcom outfall 24.3
	Planariidae 14.3	Microcybeus sp. 19.7	Cyprinidae 20.3	Psaccharius fall. 17.3	Tortanoidae sp. 17.0	Psaccharius fall. 23.3	Oligoneurium sp. 13.7	Epsaryphus/Calsaryphus sp. 28.7	Rhacotylus sp. 15.3	Falcom outfall 19.7	Cyprinidae 21.3	Physsa/Physsa sp. 19.7
		Physsa/Physsa sp. 17.0	Paramerocnemus sp. 13.0	Epsaryphus/Calsaryphus sp. 16.3	Rhacotylus sp. 17.0		Daythella sp. 13.3		Tricorythodes sp. 14.7	Fossaria sp. 11.3	Thamnomeryta gr. 17.3	Polyneurium sp. 15.7
							Falcom outfall 13.0					
							Rhacotylus sp. 13.0					

Table 6. Page 1 of 10

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Table 6. Identified Taxa Abundance by Life Stage and Replicate for Ventura River Stations																					
Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name Station Number Replicate Number	Ventura River Main Street Bridge VCFC0			Ventura River Shell Road VCFC1			Canada Larga above grazing VCFC3			Ventura River Foster Park VCFC4			Stewart Canyon Creek u/s conf. San Antonio Creek VCFC8			San Antonio Creek near Stewart Canyon Creek VCFC9		
				1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
<i>Prostoma sp.</i>	8	p		1				1							3						
<i>Planariidae</i>	4	p			24	19	56	90	85				5	28	23				3	4	7
<i>Physa/Physella sp.</i>	8	sc			1		8	28	15	23	51	66			3	42	66	51	67	29	52
<i>Fossaria sp.</i>	8	sc												2				1			
<i>Gyraulus sp.</i>	8	sc						3	2										2		7
<i>Menetus sp.</i>	6	sc																1			
<i>Planorbidae</i>	6	sc																			
<i>Pisidium sp.</i>	8	cf					2	2													
<i>Lumbriculidae</i>	5	cg		1																	1
<i>Megadrili</i>	5	cg			1			3		1	2	6					1				
<i>Tubificidae</i>	10	cg		1						0	1	6									
<i>Helobdella sp.</i>	6	p			1																
<i>Erpobdella punctata</i>	8	p		2																	
<i>Acarina (semi-aquatic/terr)</i>	5	p					14	17	7								1				
<i>Acarina (imm.)</i>	5	p								2							1	2			
<i>Lebertia sp.</i>	5	p															2	4			
<i>Atractides sp.</i>	8	p																			
<i>Protzia sp.</i>	8	p																			
<i>Sperchon sp.</i>	8	p				1	6	6	2	12	6	1	18	3	11	4	18	15	11	1	10
<i>Torrenticola sp.</i>	5	p														44	3	4			1
<i>Frontipoda sp.</i>	5	p																			
<i>Hyalella sp.</i>	8	cg		117	89	15	1	2	3				8	7		4	3	1		2	1
<i>Cyprididae</i>	8	cg		2	2		79	92	30	10	12	39									2
<i>Baetis sp.</i>	5	cg		15	64	66	3		1					5				1	1		
<i>Cloodes excogitatus (nr.)</i>	4	cg											1	1							
<i>Fallceon quilleri</i>	4	cg		34	16	6	46	16	70				12	7	7				1		
<i>Caenis sp.</i>	7	cg								3						11	6	6		1	
<i>Serratella sp.</i>	2	cg																			
<i>Epeorus sp.</i>	0	sc																			
<i>Tricorythodes sp.</i>	5	cg		10	1			5					4		5	28	1	6	36	23	15
<i>Choroterpes sp. (nr.)</i>	2	cg											1								
<i>Hetaerina sp.</i>	6	p																		2	4
<i>Coenagrionidae (imm.)</i>	9	p																		1	
<i>Argia sp.</i>	7	p			1		1	1		31	76	41				3	6	6	6	6	8
<i>Erpetogomphus sp.</i>	4	p																			
<i>Brechmorhoga mendax</i>	9	p																		1	1
<i>Paltothemis sp.</i>	9	p																			
<i>Malenka sp.</i>	2	sh								32	36	45									
<i>Malenka sp. (ref.)</i>	2	sh									4										
<i>Culeureia californica</i>	2	p																			
<i>Sigara sp.</i>	8	p																			
<i>Ambrysus sp.</i>	5	p											2	6	1						





Table 6. Page 4 of 10

Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name	Ventura River			Ventura River			Canada Larga			Ventura River			Stewart Canyon Creek			San Antonio Creek		
			Station Number	Main Street Bridge			Shell Road			above grazing			Foster Park			u/s conf. San Antonio Creek			near Stewart Canyon Creek		
			Replicate Number	VCFC00			VCFC01			VCFC03			VCFC04			VCFC08			VCFC09		
			1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
Orthocladinae	5	cg																			
Corynoneura sp.	7	cg							1			10	3								2
Cricotopus sp.	7	cg	1				1	2	2							11	2	16	1	1	2
Cricotopus sp. (P)	7	cg																			
Cricotopus binctus gr.	7	cg		2			15	21	26	1			2	4	1	8	4	19	10	13	
Cricotopus trifascia gr.	7	cg					1	1	5	1											
Eukiefferiella sp.	8	cg									2	1	4	3	1	1	1				
Heleniella sp.	6	cg									4	2	2								
Nanocladius sp.	3	cg																			
Orthocladus complex	6	cg																			
Parametriocnemus sp.	5	cg				3					22	6	11	3	12	2	3	11	4	3	
Rheocricotopus sp.	6	cg		1		1	2	2						2	2		1		2	1	2
Rheotanytarsus sp.	6	cf		5	1	16					2	2		1	1		16	5	28		
Rheotanytarsus sp. (P)	6	cf				1										2					
Thienemanniella sp.	6	cg		3	1	1					1			19	3	3	1	1	2		
Thienemanniella sp. (P)	6	cg																			
Tanypodinae	7	p																			
Pentaneurini	6																				
Labrundinia sp.	6	p							1						1						
Nilotanypus sp.	6	p											1								
Pentaneura sp.	6	p		7	1		8	7	4	6	1	6	5	11	25			1		2	
Pentaneura sp. (P)	6	p						2													
Radotanypus sp.	7	p								20	5	5									
Thienemannimyia Gr.	6	p									4	5	10	5	5	3	7		3	4	1
Dolichopodidae (L)	4	p												1							
Hemerodromia sp. (L)	6	p											1	2	1	1		1	5	4	3
Hemerodromia sp. (P)	6	p																		3	1
Neoplasta sp. (L)	6	p								2						1			1	1	
Neoplasta sp. (L) (ref.)	6	p								2											
Ephydriidae (L)	6	sh				1	2														
Ephydriidae (L) (ref.)	6	sh					2														
Hydrellia sp. (L)	6	sh					6	6						1			1		1	2	2
Limnophora sp. (L)	6	p																			
Maruina lanceolata (L)	2	sc															5				
Pericoma/Telmatoscopus sp. (L)	4	cg								4	2	1			1		1				
Simulium sp. (L)	6	cf		6	8	2		5		1				3		2	1	4	2	5	
Simulium sp. (L) (ref.)	6	cf			2																
Simulium sp. (P)	6	cf																			
Euparyphus sp. (L)	8	cg		1										6	2				6	5	9
Euparyphus/Caloparyphus sp. (L)	8	cg			1	1	1	1	8	2	3	1	17	23	3	8	1	66	51	27	
Hexatoma sp. (L)	2	p																			
Limonia sp. (L)	6	sh		3	1	4	2									1					
Limonia sp. (L) (ref.)	6	sh			2																
Tipula sp. (L)	4	sh		1	1		5			2	2	1				2	1			1	
Sum				303	302	301	293	320	297	277	288	296	305	287	296	315	293	299	315	278	290

Table 6. Page 5 of 10

	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name	Ventura River Main Street Bridge			Ventura River Shell Road			Canada Larga above grazing			Ventura River Foster Park			Stewart Canyon Creek u/s conf. San Antonio Creek			San Antonio Creek near Stewart Canyon Creek		
			Station Number	VCFC00			VCFC01			VCFC03			VCFC04			VCFC08			VCFC09		
			Replicate Number	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
<i>Identified Taxa</i>																					
No. Caton Grids picked				10	4	5	7	8	11	16	4	13	2	4	2	5	10	5	5	3	2
Residual BMIs				7	31	11	33	11	22	39	39	42	23	159	80	0	7	24	11	0	5
Total Estimated BMIs/sample				930	2498	1872	1397	1241	870	593	2453	780	4920	3345	5640	1890	900	1938	1956	2780	4425

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ABC Laboratories Ventura River Project 2002																					
Table 6. Identified Taxa Abundance by Life Stage and Replicate for V																					
Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name Station Number Replicate Number	North Fork Matilija Creek			Ventura River			North Fork Matilija Creek at gauging station			Ventura River below Matilija Dam			Matilija Creek below community			San Antonio Creek above Lion Canyon		
				u/s conf. Ventura River			VCFC10EMAP			VCFC11			VCFC12			VCFC13			VCFC15		
				1	2	3	lower	middle	upper	1	2	3	1	2	3	1	2	3	1	2	3
<i>Prostoma sp.</i>	8	p						3													
<i>Planariidae</i>	4	p						6					2	5	32	6	12	11	3	30	
<i>Physa/Physella sp.</i>	8	sc					55	1			2		1	3		1		4	38	17	
<i>Fossaria sp.</i>	8	sc			2	2	10	1			2	3	25	3	6						
<i>Gyraulus sp.</i>	8	sc																2	1	5	
<i>Menetus sp.</i>	6	sc																			
<i>Planorbidae</i>	6	sc																			
<i>Pisidium sp.</i>	8	cf												5							
<i>Lumbriculidae</i>	5	cg									4	2									
<i>Megadrii</i>	5	cg																			
<i>Tubificidae</i>	10	cg																			
<i>Helobdella sp.</i>	6	p																			
<i>Erpobdella punctata</i>	8	p																			
<i>Acarina (semi-aquatic/terr)</i>	5	p																			
<i>Acarina (imm.)</i>	5	p																			
<i>Lebertia sp.</i>	5	p																			
<i>Atractides sp.</i>	8	p						3	1												
<i>Protzia sp.</i>	8	p									5	2									
<i>Sperchon sp.</i>	8	p						4			2	2	1	3		2			8		
<i>Torrenticola sp.</i>	5	p		1	1		11	11	1	1	5	16			1		5				
<i>Frontipoda sp.</i>	5	p									1										
<i>Hyaella sp.</i>	8	cg																4	1		
<i>Cypridae</i>	8	cg			4		2	2	2		3	5			7	21	36	7	7	26	
<i>Baetis sp.</i>	5	cg		43	55	44	10	63	45	30	1	1	106	9	30		2	8		3	
<i>Cloeodes excogitatus (nr.)</i>	4	cg					2														
<i>Fallceon quilleri</i>	4	cg		16	5	18		6	16				31	7	21	50	66	48	27	20	26
<i>Caenis sp.</i>	7	cg									3	1						1			
<i>Serratella sp.</i>	2	cg		1							2	1									
<i>Epeorus sp.</i>	0	sc								2											
<i>Tricorythodes sp.</i>	5	cg		3	2	1		11	12	18	11	15			53	38	47	2	3	1	
<i>Choroterpes sp. (nr.)</i>	2	cg																			
<i>Hetaerina sp.</i>	6	p											2	3				4	12	7	
<i>Coenagrionidae (imm.)</i>	9	p																			
<i>Argia sp.</i>	7	p					3	4		1	7	12	3	2	1		3	29	3	12	
<i>Erpetogomphus sp.</i>	4	p			1	1	6	3			1					1					
<i>Brechmorhoga mendax</i>	9	p					5	96	1		2	2					2				
<i>Paltothemis sp.</i>	9	p											1			1					
<i>Malenka sp.</i>	2	sh									2										
<i>Malenka sp. (ref.)</i>	2	sh																			
<i>Calineuria californica</i>	2	p								1											
<i>Sigara sp.</i>	8	p																		4	
<i>Ambrysus sp.</i>	5	p														1	1	1	1	1	

Table 6. Page 7 of 10

	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name	North Fork Matilija Creek u/s conf. Ventura River			Ventura River			North Fork Matilija Creek at gauging station			Ventura River below Matilija Dam			Matilija Creek below community			San Antonio Creek above Lion Canyon		
			Station Number	VCFCD10			VCFCD10EMAP			VCFCD11			VCFCD12			VCFCD13			VCFCD15		
			Replicate Number	1	2	3	lower	middle	upper	1	2	3	1	2	3	1	2	3	1	2	3
<b>Identified Taxa</b>																					
<i>Corydalidae</i> (dam.)	0	p																			
<i>Corydalus</i> sp.	0	p											1				1				
<i>Neohermes</i> sp.	0	p																			
<i>Sialis</i> sp.	4	p																		1	
<b>Trichoptera (imm.)</b>																					
<i>Micrasema</i> sp.	1	sc								58	6	52			1	1			1	1	
<i>Helicopsyche</i>	3	sc								3	1	1									
<i>Cheumatopsyche</i> sp.	5	cf					1			1		1							17	4	
<i>Hydropsychidae</i> (dam.)	4	cf																			
<i>Hydropsychidae</i> (imm.)	4	cf																		13	
<i>Hydropsyche</i> sp.	4	cf		28	24	13	9	4	24	69	38	8	4	8	9	1	1		6	14	
<i>Hydropsyche</i> sp. (P)	4	cf																			
<i>Hydroptilidae</i> (imm.)	4	sc																			
<i>Hydroptilidae</i> (A)	4	sc																			
<i>Hydroptila</i> sp. (imm.)	6	sc																			
<i>Hydroptila</i> sp.	6	sc		6	3	2	3				1	1	2				2	1		4	
<i>Ochrotrichia</i> sp.	4	cg		12	13	7	1	4		20	2	11	37	4	35	8	1	2	7	6	
<i>Ochrotrichia</i> sp. (P)	4	cg														6					
<i>Oxyethira</i> sp.	3	cg																1	2	5	
<i>Oxyethira</i> sp. (P)	3	cg																			
<i>Lepidostoma</i> sp.	1	sh									1	1									
<i>Leptoceridae</i> (P)	4	p											1								
<i>Oecetis</i> sp.	8	p															2			3	
<i>Marilia flexuosa</i>	0	sh							1							13	4	1	1	4	
<i>Wormaldia</i> sp.	3	cf																			
<i>Polycentropus</i> sp.	6	p									1	2	1		2						
<i>Tinodes</i> sp. (L)	2	cg		4	7	10	1	1	8	8	9	2				2	3		2	8	
<i>Tinodes</i> sp. (ref.)	2	cg																			
<i>Tinodes</i> sp. (P)	2	cg								1											
<i>Rhyacophila</i> sp. (L)	0	p			1					5		1									
<i>Gumaga</i> sp.	3	sh														1	2	1			

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-SCR	2003-03	12-Feb-03	01-Mar-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL, MIH
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-SCR	2003-03	12-Feb-03	28-Feb-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-SCR	2003-03	13-Feb-03	24-Feb-03	TOC	Total	7	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	21-Feb-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	21-Feb-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	01-Mar-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	

Shield (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME:CC	2003-03	12-Feb-03	28-Feb-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	POL	FGL	MIL
ME:CC	2003-03	12-Feb-03	11-Mar-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	POL	FGL	
ME:CC	2003-03	12-Feb-03	28-Feb-03	3,3-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	POL	FGL	
ME:CC	2003-03	12-Feb-03	25-Feb-03	TKN	Total	5	mg/L	EPA 351.1	0.5	POL	FGL	
ME:CC	2003-03	12-Feb-03	19-Feb-03	Total Suspended Solids	Total	1990	mg/L	SM2540D	40	POL	FGL	
ME:CC	2003-03	12-Feb-03	12-Feb-03	Conductivity	Total	294	umhos/cm	SM2510B	1	POL	FGL	
ME:CC	2003-03	12-Feb-03	20-Feb-03	Total Dissolved Solids	Total	250	mg/L	SM2540C	40	POL	FGL	
ME:CC	2003-03	12-Feb-03	14-Feb-03	Chloride	Total	27	mg/L	EPA 300.0	1	POL	FGL	
ME:CC	2003-03	12-Feb-03	19-Feb-03	BOD	Total	15	mg/L	SM5210B	3.7	POL	FGL	
ME:CC	2003-03	12-Feb-03	12-Feb-03	pH	Total	8	units	SM4500-H		POL	FGL	
ME:CC	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Total	5	mg/L	SM 4500-P-E	0.5	POL	FGL	
ME:CC	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Dissolved	4	mg/L	SM 4500-P-E	0.5	POL	FGL	
ME:CC	2003-03	12-Feb-03	14-Feb-03	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	POL	FGL	
ME:CC	2003-03	12-Feb-03	12-Feb-03	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	POL	FGL	
ME:CC	2003-03	12-Feb-03	19-Feb-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	POL	FGL	
ME:CC	2003-03	12-Feb-03	19-Feb-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	POL	FGL	
ME:CC	2003-03	12-Feb-03	12-Feb-03	Hardness	Total	242	mg/L	Calculation	2.5	POL	FGL	
ME:CC	2003-03	12-Feb-03	14-Feb-03	Nitrate+Nitrite as N	Total	2	mg/L	EPA 300.0	0.1	POL	FGL	
ME:CC	2003-03	12-Feb-03	14-Feb-03	Phosphate	Total	2	mg/L	SM 4500-P-E	0.3	POL	FGL	
ME:SCR	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Laboratories	Ventura County HCA
ME:SCR	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Laboratories	Ventura County HCA
ME:SCR	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	20050	MPN	Enterolert			Laboratories	Ventura County HCA
ME:SCR	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	17930	MPN	MMO-MUG			Laboratories	Ventura County HCA
ME:SCR	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	9804	MPN	MMO-MUG			Laboratories	Ventura County HCA
ME:SCR	2003-03	12-Feb-03	21-Feb-03	Mercury	Total	11	ng/L	FSS-069	0.15	RL	Frontier Geosciences	
ME:SCR	2003-03	12-Feb-03	08-Mar-03	Mercury	Dissolved	1	ng/L	FSS-069	0.15	RL	Frontier Geosciences	
ME:SCR	2003-03	12-Feb-03	19-Feb-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	19-Feb-03	Cadmium	Total	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	19-Feb-03	Chromium	Total	<0.01	mg/L	EPA 200.8	0.01	POL	FGL	
ME:SCR	2003-03	12-Feb-03	21-Feb-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	19-Feb-03	Lead	Total	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	21-Feb-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	19-Feb-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	19-Feb-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	19-Feb-03	Thallium	Total	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Lead	Dissolved	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Lead	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Lead	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	POL	FGL	
ME:SCR	2003-03	12										

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo. [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-03	12-Feb-03	04-Mar-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	04-Mar-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	04-Mar-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	04-Mar-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-03	12-Feb-03	04-Mar-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-03	12-Feb-03	01-Mar-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	28-Feb-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-CC	2003-03	12-Feb-03	28-Feb-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-CC	2003-03	12-Feb-03	28-Feb-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-CC	2003-03	12-Feb-03	21-Feb-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-CC	2003-03	13-Feb-03	24-Feb-03	TOC	Total	10	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-CC	2003-03	12-Feb-03	01-Mar-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-03	12-Feb-03	01-Mar-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-03	12-Feb-03	21-Feb-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-CC	2003-03	12-Feb-03	01-Mar-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	11-Mar-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	04-Mar-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	04-Mar-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-03	12-Feb-03	04-Mar-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
A-1	2003-03	12-Feb-03	19-Feb-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
A-1	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Dissolved	3.4	mg/L	SM 4500-P E	0.5	PQL	FGL	
A-1	2003-03	12-Feb-03		Hardness	Total	527	mg/L	Calculation	2.5	PQL	FGL	
A-1	2003-03	12-Feb-03	14-Feb-03	Nitrate+Nitrite as N	Total	36	mg/L	EPA 300.0	0.1	PQL	FGL	
A-1	2003-03	12-Feb-03	14-Feb-03	Nitrate Nitrogen	Total	34	mg/L	EPA 300.0	0.5	PQL	FGL	
A-1	2003-03	12-Feb-03	13-Feb-03	Phosphate	Total	3	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-CC	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	16520	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	10460	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	4106	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	>241920	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-03	12-Feb-03	21-Feb-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	18-Feb-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	21-Feb-03	Calcium	Total	51	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-03	12-Feb-03	21-Feb-03	Magnesium	Total	28	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-03	12-Feb-03	08-Mar-03	Mercury	Total	135	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-03	12-Feb-03	08-Mar-03	Mercury	Dissolved	2	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-03	12-Feb-03	19-Feb-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	19-Feb-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	21-Feb-03	Chromium	Total	<0.01	mg/L	EPA 200.7	0.01	PQL	FGL	
ME-CC	2003-03	12-Feb-03	21-Feb-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-03	12-Feb-03	19-Feb-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	21-Feb-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-03	12-Feb-03	19-Feb-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	19-Feb-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-03	12-Feb-03	19-Feb-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-03	12-Feb-03	28-Feb-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-CC	2003-03	12-Feb-03	28-Feb-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-CC	2003-03	12-Feb-03	28-Feb-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-CC	2003-03	12-Feb-03	01-Mar-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
ME-CC	2003-03	12-Feb-03	11-Mar-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-03	12-Feb-03	11-Mar-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-CC	2003-03	12-Feb-03	28-Feb-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-CC	2003-03	12-Feb-03	01-Mar-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL, MIH
ME-CC	2003-03	12-Feb-03	01-Mar-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-03	12-Feb-03	01-Mar-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
A-1	2003-03	12-Feb-03	27-Feb-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2-Chlorophenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	4-Chlorophenylphenylether	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Chrysene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Dibenzo(a,h)anthracene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Dibenzofuran	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	1,2-Dichlorobenzene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	1,3-Dichlorobenzene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	1,4-Dichlorobenzene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2,4-Dichlorophenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Dimethylphthalate	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2,4-Dinitrotoluene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2,6-Dinitrotoluene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Di-n-octylphthalate	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Fluoranthene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Hexachlorobenzene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Hexachlorobutadiene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Isophorone	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2-Methylnaphthalene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2-Methylphenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	4-Methylphenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Naphthalene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Nitrobenzene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2-Nitrophenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	N-Nitrosodimethylamine	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Phenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	1,2,4-Trichlorobenzene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2,4,5-Trichlorophenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2,4,6-Trichlorophenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Benzyl Alcohol	Total	<20	ug/l	EPA 8270C	20	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	4-Chloro-3-methylphenol	Total	<20	ug/l	EPA 8270C	20	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	N-Nitrosodi-n-propylamine	Total	<20	ug/l	EPA 8270C	20	PQL	FGL	
A-1	2003-03	12-Feb-03	20-Feb-03	Glyphosate	Total	<20	ug/l	EPA 547	20	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Aniline	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	1,2-Diphenylhydrazine	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Benzoic Acid	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2,4-Dinitrophenol	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	2-Nitroaniline	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	4-Nitrophenol	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Pentachlorophenol	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Chlorpyrifos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	3,3'-Dichlorobenzidine	Total	<20	ug/l	EPA 8270C	20	PQL	FGL	
A-1	2003-03	12-Feb-03	25-Feb-03	TKN	Total	3	mg/L	EPA 351.1	0.5	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	20-Feb-03	Total Dissolved Solids	Total	1240	mg/L	SM2540C	40	PQL	FGL	
A-1	2003-03	12-Feb-03	13-Feb-03	Conductivity	Total	643	umhos/cm	SM2510B	1	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Feb-03	Total Suspended Solids	Total	340	mg/L	SM2540D	20	PQL	FGL	
A-1	2003-03	12-Feb-03	14-Feb-03	Chloride	Total	93	mg/L	EPA 300.0	1	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Feb-03	BOD	Total	13	mg/L	SM5210B	3.7	PQL	FGL	
A-1	2003-03	12-Feb-03	12-Feb-03	pH	Total	8	units	SM4500-H		PQL	FGL	
A-1	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Total	3	mg/L	SM 4500-P E	0.5	PQL	FGL	
A-1	2003-03	12-Feb-03	14-Feb-03	Nitrite Nitrogen	Total	2	mg/L	EPA 300.0	0.1	PQL	FGL	
A-1	2003-03	12-Feb-03	14-Feb-03	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Feb-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
A-1	2003-03	12-Feb-03	27-Feb-03	2-Chloronaphthalene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	Fluorene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	Hexachlorocyclopentadiene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	Hexachloroethane	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	Phenanthrene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	Pyrene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	4-Chloroaniline	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	RMI
A-1	2003-03	12-Feb-03	27-Feb-03	3-Nitroaniline	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	RMI
A-1	2003-03	12-Feb-03	27-Feb-03	4-Nitroaniline	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	RMI
A-1	2003-03	12-Feb-03	24-Feb-03	TOC	Total	24	mg/L	EPA 8270C	0.5	PQL	FGL	
A-1	2003-03	12-Feb-03	01-Mar-03	Chlordane	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	
A-1	2003-03	12-Feb-03	01-Mar-03	Endrin Ketone	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	
A-1	2003-03	12-Feb-03	01-Mar-03	Toxaphene	Total	<2	ug/l	EPA 8081	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Bolstar	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Coumaphos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Demeton-o.s	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Diazinon	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Dichlorvos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Dimethoate	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Disulfoton	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	EPN	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Ethoprop	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Fenthion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Malathion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Merphos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Mevinphos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Monocrotophos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Naled	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Parathion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Parathion Methyl	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Phorate	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Ronnel	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Stirophos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Sulfotepp	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Thionazin	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Tokuthion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Mar-03	Trichloronate	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	2,4-D	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	Dicamba	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	Dichlorprop	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	Dinoseb	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	2,4,5-T	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	2,4,5-TP	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
A-1	2003-03	12-Feb-03	20-Feb-03	Methyl teri-butyl ether	Total	<2	ug/L	EPA 8260B	2	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	2,4-DB	Total	<5	ug/l	EPA 8151A	5	PQL	FGL	
A-1	2003-03	12-Feb-03	04-Mar-03	Dalapon	Total	<5	ug/l	EPA 8151A	5	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Acenaphthene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Acenaphthylene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Anthracene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Benzo(b)fluoranthene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Benzo(k)fluoranthene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Benzo(g,h,i)perylene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Benzo(a)pyrene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Butylbenzylphthalate	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	bis(2-Chloroethoxy)methane	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	bis(2-Chloroethyl)ether	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
A-1	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	282	MPN	MMO-MUG			Ventura County HCA Laboratories	
A-1	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	100	MPN	MMO-MUG			Ventura County HCA Laboratories	
A-1	2003-03	12-Feb-03	19-Feb-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	18-Feb-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	21-Feb-03	Calcium	Total	147	mg/L	EPA 200.7	1	PQL	FGL	MIH
A-1	2003-03	12-Feb-03	21-Feb-03	Magnesium	Total	39	mg/L	EPA 200.7	1	PQL	FGL	MIH
A-1	2003-03	12-Feb-03	08-Mar-03	Mercury	Total	265	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
A-1	2003-03	12-Feb-03	08-Mar-03	Mercury	Dissolved	2	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
A-1	2003-03	12-Feb-03	21-Feb-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Feb-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
A-1	2003-03	12-Feb-03	11-Mar-03	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	21-Feb-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Feb-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Feb-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	11-Mar-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
A-1	2003-03	12-Feb-03	19-Feb-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	11-Mar-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
A-1	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
A-1	2003-03	12-Feb-03	27-Feb-03	Di-n-butylphthalate	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	EST
A-1	2003-03	12-Feb-03	27-Feb-03	Diethylphthalate	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	EST
A-1	2003-03	12-Feb-03	27-Feb-03	2,4-Dimethylphenol	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	EST
A-1	2003-03	12-Feb-03	01-Mar-03	4,4-DDD	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	HB, MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Endrin	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	HB, MIL
A-1	2003-03	12-Feb-03	19-Mar-03	Azinphos Methyl	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	HB
A-1	2003-03	12-Feb-03	19-Mar-03	Fensulfothion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	HB
A-1	2003-03	12-Feb-03	27-Feb-03	N-Nitrosodiphenylamine	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	HB
A-1	2003-03	12-Feb-03	27-Feb-03	Benzidine	Total	<50	ug/l	EPA 8270C	50	PQL	FGL	HB
A-1	2003-03	12-Feb-03	01-Mar-03	Heptachlor Epoxide	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL, MIH
A-1	2003-03	12-Feb-03	01-Mar-03	Aldrin	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Alpha BHC	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Beta BHC	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Delta BHC	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Gamma BHC	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	alpha-Chlordane	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	gamma-Chlordane	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	4,4-DDE	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	4,4-DDT	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Dieldrin	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Endosulfan I	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Endosulfan II	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Endosulfan Sulfate	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Endrin Aldehyde	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Heptachlor	Total	<0.05	ug/l	EPA 8081	0.05	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	01-Mar-03	Methoxychlor	Total	<0.1	ug/l	EPA 8081	0.1	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	Benzo(a)anthracene	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL
A-1	2003-03	12-Feb-03	27-Feb-03	4-Bromophenylphenylether	Total	<10	ug/l	EPA 8270C	10	PQL	FGL	MIL

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-02	18-Dec-02	03-Jan-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	19-Dec-02	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-02	18-Dec-02	14-Jan-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-02	18-Dec-02	19-Dec-02	Nitrite Nitrogen	Total	<0.1	mg/L	SM4500NO2B	0.1	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	30-Dec-02	TKN	Total	1	mg/L	EPA 351.1	0.5	PQL	FGL	MIH
ME-VR	2003-02	17-Dec-02	18-Dec-02	Conductivity	Total	1030	umhos/cm	SM2510B	1	PQL	FGL	
ME-VR	2003-02	18-Dec-02	23-Dec-02	Total Dissolved Solids	Total	530	mg/L	SM2540C	40	PQL	FGL	
ME-VR	2003-02	18-Dec-02	24-Dec-02	Total Suspended Solids	Total	120	mg/L	SM2540D	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-02	Chloride	Total	64	mg/L	EPA 300.0	1	PQL	FGL	
ME-VR	2003-02	17-Dec-02	17-Dec-02	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-VR	2003-02	18-Dec-02	24-Dec-02	BOD	Total	4	mg/L	SM5210B	1.6	PQL	FGL	
ME-VR	2003-02	18-Dec-02	19-Dec-02	Nitrate+Nitrite as N	Total	1	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-02	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-02	18-Dec-02	02-Jan-03	Phosphorus	Total	<0.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-02	18-Dec-02	02-Jan-03	Phosphorus	Dissolved	<0.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-02	17-Dec-02	03-Jan-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-VR	2003-02	17-Dec-02	07-Jan-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-VR	2003-02	18-Dec-02		Hardness		313	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-02	18-Dec-02		Hardness	Dissolved	300	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-02	18-Dec-02	19-Dec-02	Nitrate Nitrogen	Total	1	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-VR	2003-02	18-Dec-02	19-Dec-02	Phosphate	Total	<0.3	mg/L	SM 4500-P E	0.3	PQL	FGL	
A-1	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
A-1	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
A-1	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	6970	MPN	Enterolert			Ventura County HCA Laboratories	
A-1	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	2005	MPN	Enterolert			Ventura County HCA Laboratories	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-02	18-Dec-02	03-Jan-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-VR	2003-02	18-Dec-02	26-Dec-02	TOC	Total	10	ug/L	EPA 8270C	0.5	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Alpha BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Beta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Delta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Gamma BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Endosulfan II	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Endosulfan Sulfate	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Endrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Endrin Aldehyde	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Endrin Ketone	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Heptachlor Epoxide	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-02	18-Dec-02	04-Jan-03	Toxaphene	Total	<0.4	ug/L	EPA 8081	0.4	PQL	FGL	
ME-VR	2003-02	17-Dec-02	30-Dec-02	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-VR	2003-02	18-Dec-02	14-Jan-03	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-02	18-Dec-02	01-Jan-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME-VR	2003-02	18-Dec-02	14-Jan-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	14-Jan-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	10-Jan-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-02	18-Dec-02	14-Jan-03	Lead	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-02	18-Dec-02	10-Jan-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	14-Jan-03	Thallium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-02	18-Dec-02	08-Jan-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	10-Jan-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	08-Jan-03	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-02	18-Dec-02	08-Jan-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	08-Jan-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	08-Jan-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-02	18-Dec-02	03-Jan-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST, RMI
ME-VR	2003-02	18-Dec-02	14-Jan-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB, MIH
ME-VR	2003-02	18-Dec-02	14-Jan-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	14-Jan-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	01-Jan-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	03-Jan-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	03-Jan-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-VR	2003-02	18-Dec-02	03-Jan-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL, RMI
ME-VR	2003-02	18-Dec-02	04-Jan-03	Aldrin	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	alpha-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	gamma-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	4,4-DDD	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	4,4-DDE	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	4,4-DDT	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	Dieldrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	Endosulfan I	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	Heptachlor	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	04-Jan-03	Methoxychlor	Total	<0.02	ug/L	EPA 8081	0.02	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	03-Jan-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	03-Jan-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-VR	2003-02	18-Dec-02	03-Jan-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-VR	2003-02	18-Dec-02	03-Jan-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	19-Dec-02	Nitrite Nitrogen	Total	<0.1	mg/L	SM4500NO2B	0.1	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	30-Dec-02	TKN	Total	4	mg/L	EPA 351.1	0.5	PQL	FGL	MIH
ME-SCR	2003-02	18-Dec-02	23-Dec-02	Total Suspended Solids	Total	2340	mg/L	SM2540D	40	PQL	FGL	
ME-SCR	2003-02	17-Dec-02	18-Dec-02	Conductivity	Total	1000	umhos/cm	SM2510B	1	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	23-Dec-02	Total Dissolved Solids	Total	870	mg/L	SM2540C	40	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	21-Dec-02	Chloride	Total	56	mg/L	EPA 300.0	1	PQL	FGL	
ME-SCR	2003-02	17-Dec-02	17-Dec-02	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-SCR	2003-02	18-Dec-02	02-Jan-03	Phosphorus	Total	6	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	24-Dec-02	BOD	Total	5	mg/L	SM5210B	1.6	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	19-Dec-02	Nitrate+Nitrite as N	Total	2	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	02-Jan-03	Phosphorus	Dissolved	2	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	21-Dec-02	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-02	17-Dec-02	03-Jan-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-SCR	2003-02	17-Dec-02	07-Jan-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-SCR	2003-02	18-Dec-02		Hardness	Total	684	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-02	18-Dec-02		Hardness	Dissolved	457	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	19-Dec-02	Nitrate Nitrogen	Total	2	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	19-Dec-02	Phosphate	Total	1	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-VR	2003-02	17-Dec-02	17-Dec-02	Total Coliforms	Total	29090	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-02	17-Dec-02	17-Dec-02	Total Coliforms	Total	26500	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-02	17-Dec-02	18-Dec-02	E. Coli	Total	4100	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-02	17-Dec-02	18-Dec-02	E. Coli	Total	2310	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-02	17-Dec-02	18-Dec-02	Enterococcus	Total	1240	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-02	17-Dec-02	18-Dec-02	Enterococcus	Total	1000	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-02	18-Dec-02	10-Jan-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	10-Jan-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	10-Jan-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	10-Jan-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	09-Jan-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	08-Jan-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	09-Jan-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	09-Jan-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-VR	2003-02	18-Dec-02	21-Dec-02	Calcium	Total	86	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-02	18-Dec-02	23-Dec-02	Calcium	Dissolved	84	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-02	18-Dec-02	21-Dec-02	Magnesium	Total	24	mg/L	EPA 200.7	1	PQL	FGL	
ME-VR	2003-02	18-Dec-02	23-Dec-02	Magnesium	Dissolved	22	mg/L	EPA 200.7	1	PQL	FGL	
ME-VR	2003-02	17-Dec-02	06-Jan-03	Mercury	Total	2	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-02	17-Dec-02	06-Jan-03	Mercury	Dissolved	1	ng/L	FGS-069	0.15	RL	Frontier Geosciences	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-02	18-Dec-02	01-Jan-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	01-Jan-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	01-Jan-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	01-Jan-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	01-Jan-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	01-Jan-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	19-Dec-02	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	01-Jan-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL, RMI
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Aldrin	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	alpha-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	gamma-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	4,4-DDD	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	4,4-DDE	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	4,4-DDT	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Dieldrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Endosulfan I	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Heptachlor	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Methoxychlor	Total	<0.02	ug/L	EPA 8081	0.02	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	07-Jan-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-SCR	2003-02	18-Dec-02	07-Jan-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-SCR	2003-02	18-Dec-02	07-Jan-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-SCR	2003-02	18-Dec-02	26-Dec-02	TOC	Total	8	ug/L	EPA 8270C	0.5	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Alpha BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Beta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Delta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Gamma BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Endosulfan II	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Endosulfan Sulfate	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Endrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Endrin Aldehyde	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Endrin Ketone	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Heptachlor Epoxide	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	04-Jan-03	Toxaphene	Total	<0.4	ug/L	EPA 8081	0.4	PQL	FGL	
ME-SCR	2003-02	17-Dec-02	30-Dec-02	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	01-Jan-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-02	18-Dec-02	20-Dec-02	Chloride	Total	45	mg/L	EPA 300.0	1	PQL	FGL	
ME-CC	2003-02	17-Dec-02	17-Dec-02	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-CC	2003-02	18-Dec-02	24-Dec-02	BOD	Total	6	mg/L	SM5210B	1.6	PQL	FGL	
ME-CC	2003-02	18-Dec-02	19-Dec-02	Nitrate+Nitrite as N	Total	3	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-CC	2003-02	18-Dec-02	02-Jan-03	Phosphorus	Total	3	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-CC	2003-02	18-Dec-02	02-Jan-03	Phosphorus	Dissolved	2	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-CC	2003-02	18-Dec-02	20-Dec-02	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-02	17-Dec-02	03-Jan-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-CC	2003-02	17-Dec-02	07-Jan-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-CC	2003-02	18-Dec-02		Hardness	Total	175	mg/L	Calculation	2.5	PQL	FGL	
ME-CC	2003-02	18-Dec-02		Hardness	Dissolved	140	mg/L	Calculation	2.5	PQL	FGL	
ME-CC	2003-02	18-Dec-02	19-Dec-02	Nitrate Nitrogen	Total	3	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-CC	2003-02	18-Dec-02	19-Dec-02	Phosphate	Total	2	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-SCR	2003-02	17-Dec-02	17-Dec-02	Total Coliforms	Total	488400	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-02	17-Dec-02	17-Dec-02	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-02	17-Dec-02	18-Dec-02	E. Coli	Total	26020	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-02	17-Dec-02	18-Dec-02	Enterococcus	Total	25400	MPN	Enterolert			Ventura County HCA Laboratories	
ME-SCR	2003-02	17-Dec-02	18-Dec-02	E. Coli	Total	16900	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-02	17-Dec-02	18-Dec-02	Enterococcus	Total	14450	MPN	Enterolert			Ventura County HCA Laboratories	
ME-SCR	2003-02	18-Dec-02	10-Jan-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	10-Jan-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	10-Jan-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	10-Jan-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	09-Jan-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	08-Jan-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	09-Jan-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	09-Jan-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-SCR	2003-02	18-Dec-02	26-Dec-02	Calcium	Total	157	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-02	18-Dec-02	23-Dec-02	Calcium	Dissolved	114	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-02	17-Dec-02	06-Jan-03	Mercury	Total	122	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-02	18-Dec-02	27-Dec-02	Magnesium	Total	71	mg/L	EPA 200.7	1	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	23-Dec-02	Magnesium	Dissolved	42	mg/L	EPA 200.7	1	PQL	FGL	
ME-SCR	2003-02	17-Dec-02	06-Jan-03	Mercury	Dissolved	1	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	10-Jan-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	10-Jan-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	08-Jan-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	10-Jan-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	08-Jan-03	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	08-Jan-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	08-Jan-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	08-Jan-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-02	18-Dec-02	07-Jan-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST, RMI
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB, MIH
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-02	18-Dec-02	14-Jan-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-02	18-Dec-02	07-Jan-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	19-Dec-02	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-02	18-Dec-02	14-Jan-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-02	18-Dec-02	19-Dec-02	Nitrite Nitrogen	Total	<0.1	mg/L	SM4500NO2B	0.1	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	30-Dec-02	TKN	Total	2	mg/L	EPA 351.1	0.5	PQL	FGL	MIH
ME-CC	2003-02	17-Dec-02	18-Dec-02	Conductivity	Total	782	umhos/cm	SM2510B	1	PQL	FGL	
ME-CC	2003-02	18-Dec-02	23-Dec-02	Total Suspended Solids	Total	400	mg/L	SM2540D	20	PQL	FGL	
ME-CC	2003-02	18-Dec-02	23-Dec-02	Total Dissolved Solids	Total	290	mg/L	SM2540C	40	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-02	18-Dec-02	14-Jan-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	POL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	POL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	POL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	POL	FGL	HB
ME-CC	2003-02	18-Dec-02	01-Jan-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	POL	FGL	HB
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	HB
ME-CC	2003-02	18-Dec-02	07-Jan-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	HB
ME-CC	2003-02	18-Dec-02	07-Jan-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	MIL_RMI
ME-CC	2003-02	18-Dec-02	04-Jan-03	Aldrin	Total	<0.005	ug/L	EPA 8081	0.005	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	alpha-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	gamma-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	4,4-DDD	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	4,4-DDE	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	4,4-DDT	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	Diieldrin	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	Endosulfan I	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	Heptachlor	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	04-Jan-03	Methoxychlor	Total	<0.02	ug/L	EPA 8081	0.02	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	07-Jan-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	MIL
ME-CC	2003-02	18-Dec-02	07-Jan-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	RMI
ME-CC	2003-02	18-Dec-02	07-Jan-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	RMI
ME-CC	2003-02	18-Dec-02	07-Jan-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	RMI
ME-CC	2003-02	18-Dec-02	07-Jan-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	POL	FGL	RMI
ME-CC	2003-02	18-Dec-02	26-Dec-02	TOC	Total	9	ug/L	EPA 8270C	0.5	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Alpha BHC	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Beta BHC	Total	<0.005	ug/L	EPA 8081	0.005	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Delta BHC	Total	<0.005	ug/L	EPA 8081	0.005	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Gamma BHC	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Endosulfan II	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Endosulfan Sulfate	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Endrin	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Endrin Aldehyde	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Endrin Ketone	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Heptachlor Epoxide	Total	<0.01	ug/L	EPA 8081	0.01	POL	FGL	
ME-CC	2003-02	18-Dec-02	04-Jan-03	Toxaphene	Total	<0.4	ug/L	EPA 8081	0.4	POL	FGL	
ME-CC	2003-02	17-Dec-02	30-Dec-02	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-CC	2003-02	18-Dec-02	14-Jan-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	POL	FGL	
ME-CC	2003-02	18-Dec-02	01-Jan-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-CC	2003-02	18-Dec-02	01-Jan-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-CC	2003-02	18-Dec-02	01-Jan-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-CC	2003-02	18-Dec-02	01-Jan-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-CC	2003-02	18-Dec-02	01-Jan-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-CC	2003-02	18-Dec-02	01-Jan-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-CC	2003-02	18-Dec-02	01-Jan-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-02	17-Dec-02	18-Dec-02	Enterococcus	Total	17800	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-02	17-Dec-02	18-Dec-02	E. Coli	Total	14300	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-02	17-Dec-02	18-Dec-02	E. Coli	Total	12230	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-02	17-Dec-02	18-Dec-02	Enterococcus	Total	11184	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-02	18-Dec-02	10-Jan-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	10-Jan-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	10-Jan-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	10-Jan-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	09-Jan-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	08-Jan-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	09-Jan-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	09-Jan-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-CC	2003-02	18-Dec-02	26-Dec-02	Calcium	Total	39	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-02	18-Dec-02	23-Dec-02	Calcium	Dissolved	33	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-02	17-Dec-02	06-Jan-03	Mercury	Total	51	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-02	18-Dec-02	27-Dec-02	Magnesium	Total	19	mg/L	EPA 200.7	1	PQL	FGL	
ME-CC	2003-02	18-Dec-02	23-Dec-02	Magnesium	Dissolved	14	mg/L	EPA 200.7	1	PQL	FGL	
ME-CC	2003-02	17-Dec-02	06-Jan-03	Mercury	Dissolved	1	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-02	18-Dec-02	14-Jan-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	14-Jan-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	10-Jan-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-02	18-Dec-02	14-Jan-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	10-Jan-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	14-Jan-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	08-Jan-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	10-Jan-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	08-Jan-03	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-02	18-Dec-02	08-Jan-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	08-Jan-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	08-Jan-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-02	18-Dec-02	07-Jan-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST, RMI
ME-CC	2003-02	18-Dec-02	14-Jan-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB, MIH
ME-CC	2003-02	18-Dec-02	14-Jan-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Fensulfthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-02	18-Dec-02	14-Jan-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-01	09-Nov-02	21-Nov-02	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzyl alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-01	09-Nov-02	20-Nov-02	TKN	Total	2	mg/L	EPA 351.1	0.5	PQL	FGL	EST. MIL
ME-VR	2003-01	09-Nov-02	12-Nov-02	Chloride	Total	53	mg/L	EPA 300.0	1	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	12-Nov-02	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	13-Nov-02	Total Dissolved Solids	Total	540	mg/L	SM2540C	40	PQL	FGL	
ME-VR	2003-01	09-Nov-02	11-Nov-02	Conductivity	Total	502	umhos/cm	SM2510B	1	PQL	FGL	
ME-VR	2003-01	09-Nov-02	13-Nov-02	Total Suspended Solids	Total	190	mg/L	SM2540D	20	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	BOD	Total	11	mg/L	SM5210B	3.8	PQL	FGL	
ME-VR	2003-01	09-Nov-02	08-Nov-02	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-VR	2003-01	09-Nov-02	13-Nov-02	Phosphorus	Total	1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-01	09-Nov-02	13-Nov-02	Phosphorus	Dissolved	1	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-VR	2003-01	09-Nov-02	12-Nov-02	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-01	09-Nov-02	15-Nov-02	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	14-Nov-02	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-VR	2003-01	09-Nov-02		Hardness	Total	282	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-01	09-Nov-02		Hardness	Dissolved	259	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-01	09-Nov-02	12-Nov-02	Nitrate Nitrogen	Total	2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-01	09-Nov-02	12-Nov-02	Nitrate+Nitrite as N	Total	2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-01	09-Nov-02	11-Nov-02	Phosphate	Total	1	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-CC	2003-02	17-Dec-02	17-Dec-02	Total Coliforms	Total	410600	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-02	17-Dec-02	17-Dec-02	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-01	09-Nov-02	23-Nov-02	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-01	09-Nov-02	21-Nov-02	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-01	09-Nov-02	03-Dec-02	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	05-Dec-02	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	19-Nov-02	Calcium	Total	80	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-01	09-Nov-02	16-Nov-02	Calcium	Dissolved	74	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-01	09-Nov-02	19-Nov-02	Magnesium	Total	20	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-01	09-Nov-02	16-Nov-02	Magnesium	Dissolved	18	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-01	09-Nov-02	05-Dec-02	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	05-Dec-02	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	03-Dec-02	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	05-Dec-02	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	09-Dec-02	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	05-Dec-02	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	03-Dec-02	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	03-Dec-02	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	05-Dec-02	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	03-Dec-02	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-01	09-Nov-02	04-Dec-02	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	EST. MIH
ME-VR	2003-01	09-Nov-02	16-Nov-02	Endrin Aldehyde	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	HB
ME-VR	2003-01	09-Nov-02	23-Nov-02	Fensulfthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-01	09-Nov-02	23-Nov-02	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-01	09-Nov-02	23-Nov-02	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-01	09-Nov-02	21-Nov-02	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-VR	2003-01	09-Nov-02	16-Nov-02	Aldrin	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	Beta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	alpha-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	gamma-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	4,4-DDD	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	4,4-DDE	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	4,4-DDT	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	Dieldrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	Endosulfan I	Total	<0.03	ug/L	EPA 8081	0.03	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	Endosulfan Sulfate	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	Heptachlor	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	Heptachlor Epoxide	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	16-Nov-02	Methoxychlor	Total	<0.02	ug/L	EPA 8081	0.02	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	21-Nov-02	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	21-Nov-02	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	21-Nov-02	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	21-Nov-02	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	21-Nov-02	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	23-Nov-02	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	MIH
ME-VR	2003-01	09-Nov-02	14-Nov-02	TOC	Total	18	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Alpha BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Delta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Gamma BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Endosulfan II	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Endrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Endrin Ketone	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-VR	2003-01	09-Nov-02	16-Nov-02	Toxaphene	Total	<0.4	ug/L	EPA 8081	0.4	PQL	FGL	
ME-VR	2003-01	09-Nov-02	19-Nov-02	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-01	09-Nov-02	23-Nov-02	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzyl alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	19-Nov-02	TKN	Total	3	mg/L	EPA 351.1	0.5	PQL	FGL	EST, MIL
ME-SCR	2003-01	09-Nov-02	12-Nov-02	Chloride	Total	75	mg/L	EPA 300.0	5	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	12-Nov-02	Bromide	Total	1	mg/L	EPA 300.0	0.1	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	13-Nov-02	Total Dissolved Solids	Total	1210	mg/L	SM2540C	40	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	11-Nov-02	Conductivity	Total	1070	umhos/cm	SM2510B	1	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	13-Nov-02	Total Suspended Solids	Total	420	mg/L	SM2540D	20	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	08-Nov-02	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	BOD	Total	6	mg/L	SM5210B	1.8	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	13-Nov-02	Phosphorus	Total	3	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	13-Nov-02	Phosphorus	Dissolved	1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	12-Nov-02	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	15-Nov-02	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	12-Nov-02	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-SCR	2003-01	09-Nov-02		Hardness	Total	675	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-01	09-Nov-02		Hardness	Dissolved	565	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	12-Nov-02	Nitrate Nitrogen	Total	3	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	12-Nov-02	Nitrate+Nitrite as N	Total	3	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	11-Nov-02	Phosphate	Total	1	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-VR	2003-01	08-Nov-02	08-Nov-02	Total Coliforms	Total	488400	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-01	08-Nov-02	08-Nov-02	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-01	08-Nov-02	08-Nov-02	E. Coli	Total	29090	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-01	08-Nov-02	08-Nov-02	E. Coli	Total	28800	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-01	08-Nov-02	08-Nov-02	Enterococcus	Total	>241920	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-01	08-Nov-02	08-Nov-02	Enterococcus	Total	16400	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-01	09-Nov-02	06-Dec-02	Mercury	Total	16	ng/L	FGS-069	0.2	MDL	Frontier Geosciences	EST
ME-VR	2003-01	09-Nov-02	06-Dec-02	Mercury	Dissolved	2	ng/L	FGS-069	0.2	MDL	Frontier Geosciences	EST
ME-VR	2003-01	09-Nov-02	05-Dec-02	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL, MIH
ME-VR	2003-01	09-Nov-02	05-Dec-02	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL, MIH
ME-VR	2003-01	09-Nov-02	09-Dec-02	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	05-Dec-02	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	03-Dec-02	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	05-Dec-02	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	03-Dec-02	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-01	09-Nov-02	05-Dec-02	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Trichloronate	Total	<2	ug/L	EPA 8141A	2	POL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	2,4-D	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Dicamba	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Dichloroprop	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Dinoseb	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	POL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Dalapon	Total	<5	ug/L	EPA 8151A	5	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Anthracene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Chrysene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2,4-Dinitrophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Isophorone	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Naphthalene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Phenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-SCR	2003-01	09-Nov-02	21-Nov-02	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Endrin Aldehyde	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	HB
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Aldrin	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Beta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	alpha-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	gamma-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	4,4-DDD	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	4,4-DDE	Total	<0.03	ug/L	EPA 8081	0.03	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	4,4-DDT	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Dieldrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Endosulfan I	Total	<0.03	ug/L	EPA 8081	0.03	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Endosulfan Sulfate	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Heptachlor	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Heptachlor Epoxide	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Methoxychlor	Total	<0.02	ug/L	EPA 8081	0.02	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	21-Nov-02	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	21-Nov-02	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	23-Nov-02	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	MIH
ME-SCR	2003-01	09-Nov-02	14-Nov-02	TOC	Total	7	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Alpha BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Delta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Gamma BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Endosulfan II	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Endrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Endrin Ketone	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Toxaphene	Total	<0.4	ug/L	EPA 8081	0.4	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	19-Nov-02	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Sulfolepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	23-Nov-02	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-01	09-Nov-02	12-Nov-02	Chloride	Total	53	mg/L	EPA 300.0	1	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	12-Nov-02	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	11-Nov-02	Conductivity	Total	545	umhos/cm	SM2510B	1	PQL	FGL	
ME-CC	2003-01	09-Nov-02	13-Nov-02	Total Suspended Solids	Total	490	mg/L	SM2540D	20	PQL	FGL	
ME-CC	2003-01	09-Nov-02	13-Nov-02	Total Dissolved Solids	Total	390	mg/L	SM2540C	40	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	BOD	Total	14	mg/L	SM5210B	3.8	PQL	FGL	
ME-CC	2003-01	09-Nov-02	08-Nov-02	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-CC	2003-01	09-Nov-02	13-Nov-02	Phosphorus	Total	4	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-CC	2003-01	09-Nov-02	13-Nov-02	Phosphorus	Dissolved	3	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-CC	2003-01	09-Nov-02	15-Nov-02	Ammonia-N	Total	1	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	12-Nov-02	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-01	09-Nov-02	14-Nov-02	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-CC	2003-01	09-Nov-02		Hardness	Total	424	mg/L	Calculation	2.5	PQL	FGL	
ME-CC	2003-01	09-Nov-02		Hardness	Dissolved	157	mg/L	Calculation	2.5	PQL	FGL	
ME-CC	2003-01	09-Nov-02	12-Nov-02	Nitrate Nitrogen	Total	6	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-01	09-Nov-02	12-Nov-02	Nitrate+Nitrite as N	Total	6	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-01	09-Nov-02	11-Nov-02	Phosphate	Total	3	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-SCR	2003-01	08-Nov-02	08-Nov-02	Total Coliforms	Total	980400	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-01	08-Nov-02	08-Nov-02	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-01	08-Nov-02	08-Nov-02	E. Coli	Total	18600	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-01	08-Nov-02	08-Nov-02	E. Coli	Total	12200	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-01	08-Nov-02	08-Nov-02	Enterococcus	Total	11840	MPN	Enterolert			Ventura County HCA Laboratories	
ME-SCR	2003-01	08-Nov-02	08-Nov-02	Enterococcus	Total	9900	MPN	Enterolert			Ventura County HCA Laboratories	
ME-SCR	2003-01	09-Nov-02	06-Dec-02	Mercury	Total	43	ng/L	FGS-069	0.2	MDL	Frontier Geosciences	EST
ME-SCR	2003-01	09-Nov-02	06-Dec-02	Mercury	Dissolved	1	ng/L	FGS-069	0.2	MDL	Frontier Geosciences	EST
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL, MIH
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL, MIH
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-01	09-Nov-02	19-Nov-02	Calcium	Total	155	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Calcium	Dissolved	139	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-01	09-Nov-02	19-Nov-02	Magnesium	Total	70	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-01	09-Nov-02	16-Nov-02	Magnesium	Dissolved	53	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Cadmium	Total	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Lead	Total	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	09-Dec-02	Thallium	Total	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	05-Dec-02	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Cadmium	Dissolved	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Lead	Dissolved	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	03-Dec-02	Thallium	Dissolved	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-01	09-Nov-02	04-Dec-02	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	EST, MIH

Shield (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME-CC	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	bis(2-Ethylhexyloxy)phthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2-Chlorophthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Chrysene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Dibenz(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2,4-Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2,4-Dinitrophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Indenyl 1,2,3-c-diyrene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Isophorone	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Naphthalene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Phenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzyl alcohol	Total	<20	ug/L	EPA 8270C	20	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Aniline	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzic Acid	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Pentachlorophenol	Total	<2	ug/L	EPA 8141A	2	POL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Chlorpyrifos	Total	<20	ug/L	EPA 8270C	20	POL	FGL	
ME-CC	2003-01	09-Nov-02	19-Nov-02	3,3'-Dithiobenzidine TKN	Total	4	mg/L	EPA 351.1	0.5	POL	FGL	EST. MIL

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-01	09-Nov-02	16-Nov-02	Methoxychlor	Total	<0.02	ug/L	EPA 8081	0.02	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	21-Nov-02	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	21-Nov-02	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	21-Nov-02	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	21-Nov-02	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	21-Nov-02	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	23-Nov-02	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	MIH
ME-CC	2003-01	09-Nov-02	16-Nov-02	Alpha BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	Delta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	Gamma BHC	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	Endosulfan II	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	Endrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	Endrin Ketone	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	
ME-CC	2003-01	09-Nov-02	16-Nov-02	Toxaphene	Total	<0.4	ug/L	EPA 8081	0.4	PQL	FGL	
ME-CC	2003-01	09-Nov-02	14-Nov-02	TOC	Total	<0.5	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-CC	2003-01	09-Nov-02	19-Nov-02	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Monocrolophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-01	09-Nov-02	23-Nov-02	Dalepon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-01	09-Nov-02	21-Nov-02	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME-CC	2003-01	08-Nov-02	08-Nov-02	Total Coliforms	Total	770100	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-01	08-Nov-02	08-Nov-02	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-01	08-Nov-02	08-Nov-02	E. Coli	Total	46110	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-01	08-Nov-02	08-Nov-02	Enterococcus	Total	36400	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-01	08-Nov-02	08-Nov-02	E. Coli	Total	24900	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-01	08-Nov-02	08-Nov-02	Enterococcus	Total	>241920	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-01	09-Nov-02	06-Dec-02	Mercury	Total	156	ng/L	FGS-069	0.2	MDL	Frontier Geosciences	EST
ME-CC	2003-01	09-Nov-02	06-Dec-02	Mercury	Dissolved	2	ng/L	FGS-069	0.2	MDL	Frontier Geosciences	EST
ME-CC	2003-01	09-Nov-02	09-Dec-02	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL, MIH
ME-CC	2003-01	09-Nov-02	05-Dec-02	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL, MIH
ME-CC	2003-01	09-Nov-02	03-Dec-02	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	09-Dec-02	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	03-Dec-02	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	05-Dec-02	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	03-Dec-02	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	05-Dec-02	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	03-Dec-02	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	05-Dec-02	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	19-Nov-02	Calcium	Total	81	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-01	09-Nov-02	19-Nov-02	Magnesium	Total	54	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-01	09-Nov-02	16-Nov-02	Calcium	Dissolved	38	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-01	09-Nov-02	16-Nov-02	Magnesium	Dissolved	15	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-01	09-Nov-02	05-Dec-02	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	05-Dec-02	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	05-Dec-02	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	03-Dec-02	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	09-Dec-02	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	05-Dec-02	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	03-Dec-02	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	03-Dec-02	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	05-Dec-02	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	03-Dec-02	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-01	09-Nov-02	04-Dec-02	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	EST, MIH
ME-CC	2003-01	09-Nov-02	16-Nov-02	Endrin Aldehyde	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	HB
ME-CC	2003-01	09-Nov-02	23-Nov-02	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-01	09-Nov-02	23-Nov-02	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-01	09-Nov-02	23-Nov-02	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-01	09-Nov-02	21-Nov-02	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-CC	2003-01	09-Nov-02	16-Nov-02	Aldrin	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	Beta BHC	Total	<0.005	ug/L	EPA 8081	0.005	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	alpha-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	gamma-Chlordane	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	4,4-DDD	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	4,4-DDE	Total	<0.03	ug/L	EPA 8081	0.03	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	4,4-DDT	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	Diendrin	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	Endosulfan I	Total	<0.03	ug/L	EPA 8081	0.03	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	Endosulfan Sulfate	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	Heptachlor	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL
ME-CC	2003-01	09-Nov-02	16-Nov-02	Heptachlor Epoxide	Total	<0.01	ug/L	EPA 8081	0.01	PQL	FGL	MIL

APPENDIX D

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Laboratory Results (Water Chemistry)

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	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name	North Fork Matilija Creek			Ventura River			North Fork Matilija Creek			Ventura River			Matilija Creek			San Antonio Creek		
			w/s conf. Ventura River	VCFC10			VCFC10EMAP			at gauging station			below Matilija Dam			below community			above Lion Canyon		
			Station Number	VCFC10			VCFC10EMAP			VCFC11			VCFC12			VCFC13			VCFC15		
Replicate Number	1	2	3	lower	middle	upper	1	2	3	1	2	3	1	2	3	1	2	3			
<i>Identified Taxa</i>																					
No. Caton Grids picked				3	3	3	2	23	3	4	10	14	2	2	3	4	2	3	2	3	2
Residual BMIs				78	6	70	86	2	75	37	32	3	0	125	58	38	81	115	33	19	82
Total Estimated BMIs/sample				3770	2810	3760	5850	548	3820	2633	960	617	4725	6540	3650	2513	5715	4270	5250	3290	5955

Table 6. Page 9 of 10

Identified Taxa	Tolerance Value (TV)	Functional Feeding Group (FFG)	Station Name	North Fork Matilija Creek			Ventura River			North Fork Matilija Creek			Ventura River			Matilija Creek			San Antonio Creek		
			Station Number	u/s conf. Ventura River			at gauging station			below Matilija Dam			below community			above Lion Canyon					
			Replicate Number	VCFC10			VCFC10EMAP			VCFC11			VCFC12			VCFC13			VCFC15		
				1	2	3	lower	middle	upper	1	2	3	1	2	3	1	2	3	1	2	3
Orthoclaadiinae	5	cg																			
Corynoneura sp.	7	cg			1														4	2	
Cricotopus sp.	7	cg		2	12	8	4	8	1	2	1				1	8	6	1			
Cricotopus sp. (P)	7	cg				1		1													
Cricotopus binctus gr.	7	cg		2	7	8		3	4			1									
Cricotopus trifascia gr.	7	cg			1			1													
Eukiefferiella sp.	8	cg		9	9	6		1		1		2	1	6	10		1				
Heleniella sp.	6	cg																			
Nanocladius sp.	3	cg		1	1		1														
Orthocladus complex	6	cg															1				
Parametrioctenus sp.	5	cg			1			2		5	20	11								16	
Rheocricotopus sp.	6	cg		2	1	4	1			10	15			2	5			5		5	
Rheotanytarsus sp.	6	cf		20	6	12	8	2	12	1	23	22		2	6	4	6	18	12	14	
Rheotanytarsus sp. (P)	6	cf			1													2			
Thienemanniella sp.	6	cg			2			5	4	1	8	5		1	1		1		4	4	
Thienemanniella sp. (P)	6	cg																	1		
Tanypodinae	7	p																			
Pentaneurini	6																				
Labrundinia sp.	6	p		1				1	1						2			1	1		
Nilotanypus sp.	6	p																			
Pentaneura sp.	6	p													2			4	3	7	
Pentaneura sp. (P)	6	p																			
Radotanypus sp.	7	p			1			2													
Thienemannimyia Gr.	6	p		1	3			6	8	5	2	10		6	17	29	3	7	5		
Dolichopodidae (L)	4	p						1													
Hemerodromia sp. (L)	6	p							1	1	5	5		1							
Hemerodromia sp. (P)	6	p										4									
Neoplasta sp. (L)	6	p					1				2	2									
Neoplasta sp. (L) (ref.)	6	p																			
Ephyridae (L)	6	sh																			
Ephyridae (L) (ref.)	6	sh																			
Hydrellia sp. (L)	6	sh																			
Limnophora sp. (L)	6	p																			
Maruina lanceolata (L)	2	sc																			
Pericoma/Telmatoscopus sp. (L)	4	cg								2	1										
Simulium sp. (L)	6	cf		32	33	46	43	6	61	23	40	3	51	243	90	8	1	3	34	22	34
Simulium sp. (L) (ref.)	6	cf																			
Simulium sp. (P)	6	cf										3		15	2						
Euparyphus sp. (L)	8	cg		3	3	4			1				1			2			16		1
Euparyphus/Caloparyphus sp. (L)	8	cg		10	4	9	2	61	22	2		3				7	4	8	52	27	46
Hexatoma sp. (L)	2	p						1			1										
Limonia sp. (L)	6	sh		2	4																
Limonia sp. (L) (ref.)	6	sh																			
Tipula sp. (L)	4	sh																			1
Sum				299	275	306	304	418	307	314	288	285	315	311	307	297	300	312	317	310	315



Appendix D  
Laboratory Analysis Results

SiteID (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME-VR	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-06	23-Jul-03	29-Jul-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-06	23-Jul-03	01-Aug-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	EST, MIL
ME-VR	2003-06	24-Jul-03	29-Jul-03	BOD	Total	<1.7	mg/L	SM5210B	1.7	PQL	FGL	EST
ME-VR	2003-06	23-Jul-03	26-Jul-03	Conductivity	Total	949	umhos/cm	SM2510B	1	PQL	FGL	
ME-VR	2003-06	24-Jul-03	26-Jul-03	Total Dissolved Solids	Total	610	mg/L	SM2540C	40	PQL	FGL	
ME-VR	2003-06	24-Jul-03	25-Jul-03	Chloride	Total	44	mg/L	EPA 300.0	1	PQL	FGL	
ME-VR	2003-06	23-Jul-03	23-Jul-03	pH	Total	7.9	units	SM4500-H		PQL	FGL	
ME-VR	2003-06	24-Jul-03	25-Jul-03	Bromide	Total	0.2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-06	24-Jul-03	25-Jul-03	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Phosphorus	Dissolved	<0.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-06	24-Jul-03	08-Aug-03	TKN	Total	<0.5	mg/L	EPA 351.1	0.5	PQL	FGL	
ME-VR	2003-06	24-Jul-03	28-Jul-03	Phosphorus	Total	<0.5	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-VR	2003-06	23-Jul-03	01-Aug-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-VR	2003-06	24-Jul-03	29-Jul-03	Total Suspended Solids	Total	<10	mg/L	SM2540D	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	15-Aug-03	Hardness	Total	370	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-06	24-Jul-03	25-Jul-03	Nitrate+Nitrite as N	Total	0.2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-06	24-Jul-03	25-Jul-03	Nitrate Nitrogen	Total	0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-06	24-Jul-03	25-Jul-03	Phosphate	Total	<0.3	mg/L	SM 4500-P E	0.3	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo.[1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-06	24-Jul-03	31-Jul-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME-VR	2003-06	24-Jul-03	02-Aug-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-VR	2003-06	24-Jul-03	02-Aug-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-VR	2003-06	23-Jul-03	31-Jul-03	Mercury	Total	3.05	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-06	23-Jul-03	31-Jul-03	Mercury	Dissolved	0.41	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-06	24-Jul-03	04-Aug-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST, MIL
ME-VR	2003-06	24-Jul-03	04-Aug-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	EST
ME-VR	2003-06	24-Jul-03	31-Jul-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	31-Jul-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	31-Jul-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	31-Jul-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	31-Jul-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	31-Jul-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	04-Aug-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	04-Aug-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	04-Aug-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	01-Aug-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	HB
ME-VR	2003-06	24-Jul-03	06-Aug-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-VR	2003-06	24-Jul-03	04-Aug-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	RMI
ME-VR	2003-06	24-Jul-03	31-Jul-03	TOC	Total	2	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-VR	2003-06	24-Jul-03	06-Aug-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Fensulfthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-06	24-Jul-03	04-Aug-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-06	23-Jul-03	29-Jul-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-06	23-Jul-03	01-Aug-03	Ammonia-N	Total	0.5	mg/L	SM4500NH3H	0.2	PQL	FGL	EST, MIL
ME-SCR	2003-06	24-Jul-03	29-Jul-03	BOD	Total	5.7	mg/L	SM5210B	1.7	PQL	FGL	EST
ME-SCR	2003-06	23-Jul-03	26-Jul-03	Conductivity	Total	1780	umhos/cm	SM2510B	1	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	26-Jul-03	Total Dissolved Solids	Total	1280	mg/L	SM2540C	40	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	25-Jul-03	Chloride	Total	88	mg/L	EPA 300.0	1	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	01-Aug-03	Total Suspended Solids	Total	10	mg/L	SM2540D	10	PQL	FGL	
ME-SCR	2003-06	23-Jul-03	23-Jul-03	pH	Total	7.4	units	SM4500-H		PQL	FGL	
ME-SCR	2003-06	24-Jul-03	08-Aug-03	TKN	Total	1.6	mg/L	EPA 351.1	0.5	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	19-Aug-03	Phosphorus	Total	0.6	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	19-Aug-03	Phosphorus	Dissolved	0.5	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	25-Jul-03	Nitrite Nitrogen	Total	0.41	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	25-Jul-03	Bromide	Total	0.4	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-06	23-Jul-03	01-Aug-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	15-Aug-03	Hardness	Total	663	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	25-Jul-03	Nitrate+Nitrite as N	Total	1.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	25-Jul-03	Nitrate Nitrogen	Total	0.7	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	25-Jul-03	Phosphate	Total	<0.3	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-VR	2003-06	23-Jul-03	24-Jul-03	Enterococcus	Total	10	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-06	23-Jul-03	24-Jul-03	Total Coliforms	Total	4884	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-06	23-Jul-03	24-Jul-03	E. Coli	Total	10	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-06	24-Jul-03	12-Aug-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-06	24-Jul-03	12-Aug-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-VR	2003-06	24-Jul-03	15-Aug-03	Calcium	Total	99	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-06	24-Jul-03	15-Aug-03	Magnesium	Total	30	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-06	24-Jul-03	12-Aug-03	Nickel	Total	0.006	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-06	24-Jul-03	12-Aug-03	Nickel	Dissolved	0.005	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-06	24-Jul-03	02-Aug-03	Copper	Dissolved	0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Chromium	Total	0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-06	24-Jul-03	02-Aug-03	Copper	Total	0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-06	24-Jul-03	12-Aug-03	Lead	Total	0.0007	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	02-Aug-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	12-Aug-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	02-Aug-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	02-Aug-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	02-Aug-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-06	24-Jul-03	31-Jul-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo. [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-06	24-Jul-03	06-Aug-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Dichloroprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	04-Aug-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	01-Aug-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	RMI
ME-SCR	2003-06	24-Jul-03	31-Jul-03	TOC	Total	4.9	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Dimelthoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Fensulfthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	06-Aug-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo. [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-06	24-Jul-03	04-Aug-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	23-Jul-03	29-Jul-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-06	23-Jul-03	01-Aug-03	Ammonia-N	Total	0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	EST, MIL
ME-CC	2003-06	24-Jul-03	29-Jul-03	BOD	Total	2.8	mg/L	SM5210B	1.7	PQL	FGL	EST
ME-CC	2003-06	23-Jul-03	26-Jul-03	Conductivity	Total	1550	umhos/cm	SM2510B	1	PQL	FGL	
ME-CC	2003-06	24-Jul-03	29-Jul-03	Total Dissolved Solids	Total	950	mg/L	SM2540C	40	PQL	FGL	
ME-CC	2003-06	24-Jul-03	24-Jul-03	Chloride	Total	186	mg/L	EPA 300.0	5	PQL	FGL	
ME-CC	2003-06	24-Jul-03	29-Jul-03	Total Suspended Solids	Total	50	mg/L	SM2540D	10	PQL	FGL	
ME-CC	2003-06	23-Jul-03	23-Jul-03	pH	Total	7.8	units	SM4500-H		PQL	FGL	
ME-CC	2003-06	24-Jul-03	28-Jul-03	Phosphorus	Total	2.1	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-CC	2003-06	24-Jul-03	31-Jul-03	Phosphorus	Dissolved	2	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-CC	2003-06	24-Jul-03	08-Aug-03	TKN	Total	1.1	mg/L	EPA 351.1	0.5	PQL	FGL	
ME-CC	2003-06	24-Jul-03	24-Jul-03	Bromide	Total	0.7	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-06	24-Jul-03	24-Jul-03	Nitrite Nitrogen	Total	0.6	mg/L	EPA 300.0	0.5	PQL	FGL	
ME-CC	2003-06	23-Jul-03	01-Aug-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-CC	2003-06	24-Jul-03	15-Aug-03	Hardness	Total	393	mg/L	Calculation	2.5	PQL	FGL	
ME-CC	2003-06	24-Jul-03	24-Jul-03	Nitrate+Nitrite as N	Total	17.9	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-06	24-Jul-03	24-Jul-03	Nitrate Nitrogen	Total	17.3	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-06	24-Jul-03	25-Jul-03	Phosphate	Total	7	mg/L	SM 4500-P E	1.5	PQL	FGL	
ME-SCR	2003-06	23-Jul-03	24-Jul-03	Enterococcus	Total	10	MPN	Enterolert			Ventura County HCA Laboratories	
ME-SCR	2003-06	23-Jul-03	24-Jul-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-06	23-Jul-03	24-Jul-03	E. Coli	Total	10	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-SCR	2003-06	24-Jul-03	15-Aug-03	Calcium	Total	160	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-06	24-Jul-03	15-Aug-03	Magnesium	Total	64	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Selenium	Dissolved	0.006	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Selenium	Total	0.004	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Copper	Dissolved	0.003	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Copper	Total	0.003	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Nickel	Total	0.003	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Nickel	Dissolved	0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Chromium	Total	0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Lead	Total	0.0004	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	11-Aug-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-SCR	2003-06	24-Jul-03	02-Aug-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-SCR	2003-06	23-Jul-03	31-Jul-03	Mercury	Total	0.77	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-06	23-Jul-03	31-Jul-03	Mercury	Dissolved	0.42	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-06	24-Jul-03	04-Aug-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST, MIL
ME-SCR	2003-06	24-Jul-03	04-Aug-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	EST
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-06	24-Jul-03	31-Jul-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo. [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-06	24-Jul-03	04-Aug-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-06	24-Jul-03	01-Aug-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	06-Aug-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	RMI
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	RMI
ME-CC	2003-06	24-Jul-03	31-Jul-03	TOC	Total	5.5	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	30-Jul-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-06	24-Jul-03	06-Aug-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-06	24-Jul-03	04-Aug-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-05	26-Jun-03	27-Jun-03	Chloride	Total	46	mg/L	EPA 300.0	1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	30-Jun-03	Total Suspended Solids	Total	10	mg/L	SM2540D	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	BOD	Total	1.7	mg/L	SM5210B	1.6	PQL	FGL	
ME-VR	2003-05	26-Jun-03	27-Jun-03	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	27-Jun-03	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	01-Jul-03	Phosphorus	Dissolved	<0.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	01-Jul-03	Phosphorus	Total	<0.5	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-VR	2003-05	25-Jun-03	26-Jun-03	Conductivity	Total	915	umhos/cm	SM2510B	1	PQL	FGL	
ME-VR	2003-05	25-Jun-03	12-Jul-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-VR	2003-05	25-Jun-03	25-Jun-03	pH	Total	8	units	SM4500-H B		PQL	FGL	
ME-VR	2003-05	26-Jun-03		Hardness	Total	390	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-05	26-Jun-03	27-Jun-03	Nitrate Nitrogen	Total	0.6	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	27-Jun-03	Nitrate+Nitrite as N	Total	0.6	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	27-Jun-03	Phosphate	Total	<0.3	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-CC	2003-06	23-Jul-03	24-Jul-03	Enterococcus	Total	324	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-06	23-Jul-03	24-Jul-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-06	23-Jul-03	24-Jul-03	E. Coli	Total	228	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-06	24-Jul-03	31-Jul-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-06	24-Jul-03	31-Jul-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	MIL
ME-CC	2003-06	24-Jul-03	15-Aug-03	Calcium	Total	75	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-06	24-Jul-03	15-Aug-03	Magnesium	Total	50	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-06	24-Jul-03	12-Aug-03	Nickel	Total	0.012	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Zinc	Dissolved	0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-CC	2003-06	24-Jul-03	12-Aug-03	Chromium	Total	0.01	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Zinc	Total	0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-CC	2003-06	24-Jul-03	12-Aug-03	Nickel	Dissolved	0.008	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Copper	Dissolved	0.004	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Copper	Total	0.004	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-06	24-Jul-03	31-Jul-03	Arsenic	Dissolved	0.003	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	12-Aug-03	Selenium	Dissolved	0.003	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	31-Jul-03	Arsenic	Total	0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	31-Jul-03	Lead	Total	0.001	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Cadmium	Dissolved	0.0003	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Cadmium	Total	0.0003	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	31-Jul-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	02-Aug-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-06	24-Jul-03	12-Aug-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-06	24-Jul-03	12-Aug-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-06	23-Jul-03	31-Jul-03	Mercury	Total	1.15	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-06	23-Jul-03	31-Jul-03	Mercury	Dissolved	0.16	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-06	24-Jul-03	04-Aug-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST, MIL
ME-CC	2003-06	24-Jul-03	04-Aug-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	EST
ME-CC	2003-06	24-Jul-03	30-Jul-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	30-Jul-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	30-Jul-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	30-Jul-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	30-Jul-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	30-Jul-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	04-Aug-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	04-Aug-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	04-Aug-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-CC	2003-06	24-Jul-03	04-Aug-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-05	26-Jun-03	03-Jul-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-05	25-Jun-03	02-Jul-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-VR	2003-05	26-Jun-03	02-Jul-03	TKN	Total	0.6	mg/L	EPA 351.1	0.5	PQL	FGL	EST, MIL
ME-VR	2003-05	25-Jun-03	08-Jul-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	28-Jun-03	Total Dissolved Solids	Total	640	mg/L	SM2540C	40	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo. [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-05	26-Jun-03	09-Jul-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Fensulfthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-05	26-Jun-03	03-Jul-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-05	25-Jun-03	12-Jul-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-SCR	2003-05	25-Jun-03	25-Jun-03	pH	Total	7.8	units	SM4500-H B		PQL	FGL	
ME-SCR	2003-05	26-Jun-03	26-Jun-03	Hardness	Total	604	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Nitrate+Nitrite as N	Total	2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Nitrate Nitrogen	Total	1.5	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Phosphate	Total	0.6	mg/L	SM.4500-P-E	0.3	PQL	FGL	
ME-VR	2003-05	25-Jun-03	26-Jun-03	Total Coliforms	Total	3076	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-05	25-Jun-03	26-Jun-03	E. Coli	Total	20	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-05	25-Jun-03	26-Jun-03	Enterococcus	Total	10	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	MIL, MIH
ME-VR	2003-05	26-Jun-03	11-Jul-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	MIL, MIH
ME-VR	2003-05	26-Jun-03	27-Jun-03	Calcium	Total	107	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-05	26-Jun-03	02-Jul-03	Selenium	Dissolved	0.003	mg/L	EPA 200.8	0.002	PQL	FGL	MIH
ME-VR	2003-05	26-Jun-03	10-Jul-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	MIH
ME-VR	2003-05	26-Jun-03	27-Jun-03	Magnesium	Total	30	mg/L	EPA 200.7	1	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Copper	Total	0.005	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Nickel	Total	0.005	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Nickel	Dissolved	0.002	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Chromium	Total	0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Lead	Total	0.0003	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-05	26-Jun-03	10-Jul-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-05	26-Jun-03	11-Jul-03	Zinc	Total	0.03	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-VR	2003-05	26-Jun-03	02-Jul-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-VR	2003-05	25-Jun-03	21-Jul-03	Mercury	Total	0.61	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-05	25-Jun-03	21-Jul-03	Mercury	Dissolved	0.54	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-05	26-Jun-03	09-Jul-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	EST
ME-VR	2003-05	26-Jun-03	09-Jul-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	EST
ME-VR	2003-05	26-Jun-03	03-Jul-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-VR	2003-05	26-Jun-03	03-Jul-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	EST
ME-VR	2003-05	26-Jun-03	03-Jul-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-VR	2003-05	26-Jun-03	09-Jul-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-05	26-Jun-03	03-Jul-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-VR	2003-05	26-Jun-03	09-Jul-03	TOC	Total	2.3	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-05	26-Jun-03	09-Jul-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo. [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-05	26-Jun-03	03-Jul-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-05	25-Jun-03	02-Jul-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	TKN	Total	1	mg/L	EPA 351.1	0.5	PQL	FGL	EST, MIL
ME-SCR	2003-05	25-Jun-03	08-Jul-03	Ammonia-N	Total	0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	28-Jun-03	Total Dissolved Solids	Total	1150	mg/L	SM2540C	40	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Chloride	Total	68	mg/L	EPA 300.0	1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	30-Jun-03	Total Suspended Solids	Total	30	mg/L	SM2540D	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	BOD	Total	3.8	mg/L	SM5210B	1.6	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Nitrite Nitrogen	Total	0.54	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Bromide	Total	0.3	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	01-Jul-03	Phosphorus	Dissolved	0.2	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	01-Jul-03	Phosphorus	Total	<0.5	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-SCR	2003-05	25-Jun-03	26-Jun-03	Conductivity	Total	1490	umhos/cm	SM2510B	1	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Diiazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	03-Jul-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-05	25-Jun-03	26-Jun-03	E. Coli	Total	20	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-05	25-Jun-03	26-Jun-03	Enterococcus	Total	10	MPN	Enterolert			Ventura County HCA Laboratories	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	MIL, MIH
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	MIL, MIH
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Calcium	Total	148	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Selenium	Dissolved	0.008	mg/L	EPA 200.8	0.002	PQL	FGL	MIH
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Selenium	Total	0.005	mg/L	EPA 200.8	0.002	PQL	FGL	MIH
ME-SCR	2003-05	26-Jun-03	27-Jun-03	Magnesium	Total	57	mg/L	EPA 200.7	1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Copper	Total	0.01	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Nickel	Total	0.004	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Chromium	Total	0.002	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Lead	Total	0.0005	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	10-Jul-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Zinc	Total	0.03	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	02-Jul-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-SCR	2003-05	25-Jun-03	21-Jul-03	Mercury	Total	1.31	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-05	25-Jun-03	21-Jul-03	Mercury	Dissolved	0.66	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	EST
ME-SCR	2003-05	26-Jun-03	09-Jul-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	EST
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-SCR	2003-05	26-Jun-03	03-Jul-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	EST
ME-SCR	2003-05	26-Jun-03	03-Jul-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-05	26-Jun-03	03-Jul-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-SCR	2003-05	26-Jun-03	09-Jul-03	TOC	Total	3.6	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	09-Jul-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-SCR	2003-05	26-Jun-03	11-Jul-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-05	26-Jun-03	03-Jul-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-05	25-Jun-03	02-Jul-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-CC	2003-05	26-Jun-03	02-Jul-03	TKN	Total	3.2	mg/L	EPA 351.1	0.5	PQL	FGL	EST. MIL
ME-CC	2003-05	25-Jun-03	08-Jul-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	28-Jun-03	Total Dissolved Solids	Total	960	mg/L	SM2540C	40	PQL	FGL	
ME-CC	2003-05	26-Jun-03	27-Jun-03	Chloride	Total	189	mg/L	EPA 300.0	5	PQL	FGL	
ME-CC	2003-05	26-Jun-03	30-Jun-03	Total Suspended Solids	Total	30	mg/L	SM2540D	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	BOD	Total	3.4	mg/L	SM5210B	1.6	PQL	FGL	
ME-CC	2003-05	26-Jun-03	01-Jul-03	Phosphorus	Total	1.7	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-CC	2003-05	26-Jun-03	01-Jul-03	Phosphorus	Dissolved	1.6	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-CC	2003-05	26-Jun-03	27-Jun-03	Bromide	Total	0.9	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-05	26-Jun-03	27-Jun-03	Nitrite Nitrogen	Total	<0.5	mg/L	EPA 300.0	0.5	PQL	FGL	
ME-CC	2003-05	25-Jun-03	26-Jun-03	Conductivity	Total	1500	umhos/cm	SM2510B	1	PQL	FGL	
ME-CC	2003-05	25-Jun-03	12-Jul-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-CC	2003-05	25-Jun-03	25-Jun-03	pH	Total	7.9	units	SM4500-H B		PQL	FGL	
ME-CC	2003-05	26-Jun-03	27-Jun-03	Hardness	Total	398	mg/L	Calculation	2.5	PQL	FGL	
ME-CC	2003-05	26-Jun-03	27-Jun-03	Nitrate Nitrogen	Total	15.9	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-05	26-Jun-03	27-Jun-03	Nitrate+Nitrite as N	Total	15.9	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-05	26-Jun-03	27-Jun-03	Phosphate	Total	5.1	mg/L	SM 4500-P E	0.6	PQL	FGL	
ME-SCR	2003-05	25-Jun-03	26-Jun-03	Total Coliforms	Total	3654	MPN	MMO-MUG			Ventura County HCA Laboratories	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-05	26-Jun-03	11-Jul-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-05	26-Jun-03	03-Jul-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-05	26-Jun-03	10-Jul-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	MIH
ME-CC	2003-05	26-Jun-03	27-Jun-03	Magnesium	Total	50	mg/L	EPA 200.7	1	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Copper	Total	0.016	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Nickel	Total	0.009	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Nickel	Dissolved	0.006	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Chromium	Total	0.005	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Arsenic	Dissolved	0.004	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Copper	Dissolved	0.004	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Chromium	Dissolved	0.002	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Lead	Total	0.001	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Lead	Dissolved	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-05	26-Jun-03	10-Jul-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Zinc	Total	0.05	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-CC	2003-05	26-Jun-03	02-Jul-03	Zinc	Dissolved	0.02	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-CC	2003-05	25-Jun-03	21-Jul-03	Mercury	Total	2.28	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-05	25-Jun-03	21-Jul-03	Mercury	Dissolved	1.41	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-05	26-Jun-03	09-Jul-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	EST
ME-CC	2003-05	26-Jun-03	09-Jul-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	EST
ME-CC	2003-05	26-Jun-03	03-Jul-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-CC	2003-05	26-Jun-03	03-Jul-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	EST
ME-CC	2003-05	26-Jun-03	03-Jul-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-CC	2003-05	26-Jun-03	09-Jul-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-05	26-Jun-03	03-Jul-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-CC	2003-05	26-Jun-03	09-Jul-03	TOC	Total	6.8	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-CC	2003-05	26-Jun-03	09-Jul-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-05	26-Jun-03	11-Jul-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-04	05-Jun-03	26-Jun-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-04	04-Jun-03	12-Jun-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-VR	2003-04	05-Jun-03	18-Jun-03	TKN	Total	<0.5	mg/L	EPA 351.1	0.5	PQL	FGL	EST, MIH
ME-VR	2003-04	05-Jun-03	06-Jun-03	Nitrite Nitrogen	Total	<0.1	mg/L	SM4500NO2B	0.1	PQL	FGL	MIL
ME-VR	2003-04	04-Jun-03	05-Jun-03	Conductivity	Total	958	umhos/cm	SM2510B	1	PQL	FGL	
ME-VR	2003-04	05-Jun-03	10-Jun-03	Total Dissolved Solids	Total	630	mg/L	SM2540C	40	PQL	FGL	
ME-VR	2003-04	05-Jun-03	09-Jun-03	Chloride	Total	46	mg/L	EPA 300.0	1	PQL	FGL	
ME-VR	2003-04	04-Jun-03	04-Jun-03	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-VR	2003-04	05-Jun-03	07-Jun-03	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-04	05-Jun-03	16-Jun-03	Phosphorus	Dissolved	<0.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-04	04-Jun-03	16-Jun-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	11-Jun-03	Phosphorus	Total	<0.5	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-VR	2003-04	05-Jun-03	11-Jun-03	BOD	Total	<1.4	mg/L	SM5210B	1.4	PQL	FGL	
ME-VR	2003-04	04-Jun-03	11-Jun-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-VR	2003-04	05-Jun-03	11-Jun-03	Total Suspended Solids	Total	<10	mg/L	SM2540D	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03		Hardness	Total	401	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-04	05-Jun-03	07-Jun-03	Nitrate Nitrogen	Total	1.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-04	05-Jun-03	07-Jun-03	Nitrate+Nitrite as N	Total	1.1	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-VR	2003-04	05-Jun-03	05-Jun-03	Phosphate	Total	<0.3	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-CC	2003-05	25-Jun-03	26-Jun-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-05	25-Jun-03	26-Jun-03	E. Coli	Total	520	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-05	25-Jun-03	26-Jun-03	Enterococcus	Total	571	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-05	26-Jun-03	11-Jul-03	Cadmium	Total	0.0003	mg/L	EPA 200.8	0.0002	PQL	FGL	MIL, MIH
ME-CC	2003-05	26-Jun-03	02-Jul-03	Cadmium	Dissolved	<0.001	mg/L	EPA 200.8	0.0002	PQL	FGL	MIL, MIH
ME-CC	2003-05	26-Jun-03	27-Jun-03	Calcium	Total	77	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-05	26-Jun-03	02-Jul-03	Selenium	Dissolved	0.003	mg/L	EPA 200.8	0.002	PQL	FGL	MIH

Appendix D  
Laboratory Analysis Results

SiteID (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit (2)	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME-VR	2003-04	05-Jun-03	17-Jun-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-04	05-Jun-03	18-Jun-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Chrysenes	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-04	05-Jun-03	26-Jun-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-04	05-Jun-03	10-Jun-03	Selenium	Dissolved	0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Lead	Total	0.0011	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	11-Jun-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	10-Jun-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	10-Jun-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	11-Jun-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-04	05-Jun-03	10-Jun-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB
ME-VR	2003-04	05-Jun-03	17-Jun-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-04	05-Jun-03	12-Jun-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-04	05-Jun-03	12-Jun-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-04	05-Jun-03	12-Jun-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-04	05-Jun-03	09-Jun-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	MIH
ME-VR	2003-04	05-Jun-03	10-Jun-03	TOC	Total	0.8	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Botstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-04	05-Jun-03	17-Jun-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-04	04-Jun-03	12-Jun-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-SCR	2003-04	05-Jun-03	18-Jun-03	TKN	Total	0.9	mg/L	EPA 351.1	0.5	PQL	FGL	EST, MIH
ME-SCR	2003-04	05-Jun-03	06-Jun-03	Nitrite Nitrogen	Total	<0.1	mg/L	SM4500NO2B	0.1	PQL	FGL	MIL
ME-SCR	2003-04	04-Jun-03	05-Jun-03	Conductivity	Total	1410	umhos/cm	SM2510B	1	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Total Dissolved Solids	Total	1000	mg/L	SM2540C	40	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	09-Jun-03	Chloride	Total	57	mg/L	EPA 300.0	1	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	11-Jun-03	Total Suspended Solids	Total	10	mg/L	SM2540D	10	PQL	FGL	
ME-SCR	2003-04	04-Jun-03	04-Jun-03	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-SCR	2003-04	05-Jun-03	11-Jun-03	BOD	Total	3.3	mg/L	SM5210B	1.4	PQL	FGL	
ME-SCR	2003-04	04-Jun-03	16-Jun-03	Ammonia-N	Total	0.3	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	07-Jun-03	Bromide	Total	0.2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	16-Jun-03	Phosphorus	Dissolved	0.2	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	11-Jun-03	Phosphorus	Total	<0.5	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-SCR	2003-04	04-Jun-03	11-Jun-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-SCR	2003-04	05-Jun-03		Hardness	Total	553	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	07-Jun-03	Nitrate+Nitrite as N	Total	1.4	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	07-Jun-03	Nitrate Nitrogen	Total	1.2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	05-Jun-03	Phosphate	Total	0.5	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-VR	2003-04	04-Jun-03	05-Jun-03	Total Coliforms	Total	2143	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-04	04-Jun-03	05-Jun-03	E. Coli	Total	52	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-04	04-Jun-03	05-Jun-03	Enterococcus	Total	20	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Zinc	Total	0.05	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-VR	2003-04	05-Jun-03	10-Jun-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-VR	2003-04	05-Jun-03	06-Jun-03	Calcium	Total	113	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-04	05-Jun-03	06-Jun-03	Magnesium	Total	29	mg/L	EPA 200.7	1	PQL	FGL	
ME-VR	2003-04	04-Jun-03	19-Jun-03	Mercury	Total	1.1	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-04	04-Jun-03	19-Jun-03	Mercury	Dissolved	0.59	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Nickel	Total	0.01	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-04	05-Jun-03	10-Jun-03	Nickel	Dissolved	0.009	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-04	05-Jun-03	10-Jun-03	Copper	Dissolved	0.005	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Copper	Total	0.005	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-04	05-Jun-03	10-Jun-03	Chromium	Dissolved	0.004	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-04	05-Jun-03	12-Jun-03	Chromium	Total	0.004	mg/L	EPA 200.8	0.001	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	26-Jun-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo. [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-04	05-Jun-03	11-Jun-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	13-Jun-03	Arsenic	Total	<0.004	mg/L	EPA 200.8	0.004	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-04	05-Jun-03	12-Jun-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-04	05-Jun-03	12-Jun-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-SCR	2003-04	05-Jun-03	09-Jun-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	MIH
ME-SCR	2003-04	05-Jun-03	10-Jun-03	TOC	Total	5.4	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Fensulfothion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	17-Jun-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-04	04-Jun-03	12-Jun-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
ME-CC	2003-04	05-Jun-03	18-Jun-03	TKN	Total	<5	mg/L	EPA 351.1	0.5	PQL	FGL	EST, MIH
ME-CC	2003-04	05-Jun-03	06-Jun-03	Nitrite Nitrogen	Total	0.2	mg/L	SM4500NO2B	0.1	PQL	FGL	MIL
ME-CC	2003-04	04-Jun-03	05-Jun-03	Conductivity	Total	1540	umhos/cm	SM2510B	1	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Total Dissolved Solids	Total	920	mg/L	SM2540C	40	PQL	FGL	
ME-CC	2003-04	05-Jun-03	07-Jun-03	Chloride	Total	198	mg/L	EPA 300.0	5	PQL	FGL	
ME-CC	2003-04	05-Jun-03	11-Jun-03	Total Suspended Solids	Total	10	mg/L	SM2540D	10	PQL	FGL	
ME-CC	2003-04	04-Jun-03	04-Jun-03	pH	Total	7.8	units	SM4500-H		PQL	FGL	
ME-CC	2003-04	05-Jun-03	11-Jun-03	BOD	Total	2.5	mg/L	SM5210B	1.4	PQL	FGL	
ME-CC	2003-04	05-Jun-03	11-Jun-03	Phosphorus	Total	2.2	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-CC	2003-04	05-Jun-03	16-Jun-03	Phosphorus	Dissolved	2.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-CC	2003-04	05-Jun-03	07-Jun-03	Bromide	Total	0.6	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-04	04-Jun-03	16-Jun-03	Ammonia-N	Total	0.4	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-CC	2003-04	04-Jun-03	14-Jun-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Hardness	Total	377	mg/L	Calculation	2.5	PQL	FGL	
ME-CC	2003-04	05-Jun-03	07-Jun-03	Nitrate+Nitrite as N	Total	18.6	mg/L	SM4500NO3F	0.1	PQL	FGL	
ME-CC	2003-04	05-Jun-03	07-Jun-03	Nitrate Nitrogen	Total	18.2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-CC	2003-04	05-Jun-03	05-Jun-03	Phosphate	Total	5.1	mg/L	SM 4500-P E	0.6	PQL	FGL	
ME-SCR	2003-04	04-Jun-03	05-Jun-03	Total Coliforms	Total	2359	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-04	04-Jun-03	05-Jun-03	E. Coli	Total	145	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-SCR	2003-04	04-Jun-03	05-Jun-03	Enterococcus	Total	20	MPN	Enterolert			Ventura County HCA Laboratories	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Zinc	Total	0.05	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-SCR	2003-04	05-Jun-03	06-Jun-03	Calcium	Total	139	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-SCR	2003-04	05-Jun-03	06-Jun-03	Magnesium	Total	50	mg/L	EPA 200.7	1	PQL	FGL	
ME-SCR	2003-04	04-Jun-03	19-Jun-03	Mercury	Total	1.72	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-04	04-Jun-03	19-Jun-03	Mercury	Dissolved	1.07	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Copper	Dissolved	0.011	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Copper	Total	0.01	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Selenium	Dissolved	0.006	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Nickel	Total	0.005	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Selenium	Total	0.004	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Chromium	Dissolved	0.003	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Nickel	Dissolved	0.003	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Chromium	Total	0.003	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Lead	Total	0.0015	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Cadmium	Dissolved	0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	10-Jun-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-SCR	2003-04	05-Jun-03	12-Jun-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-CC	2003-04	05-Jun-03	12-Jun-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	ML
ME-CC	2003-04	05-Jun-03	09-Jun-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	MIH
ME-CC	2003-04	05-Jun-03	10-Jun-03	TOC	Total	5.4	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Fensulfthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-04	05-Jun-03	17-Jun-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-CC	2003-04	05-Jun-03	26-Jun-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
W-4	2003-03	13-Feb-03	27-Feb-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-4	2003-03	13-Feb-03	27-Feb-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-4	2003-03	13-Feb-03	27-Feb-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	27-Feb-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
W-4	2003-03	13-Feb-03	25-Feb-03	TKN	Total	2	mg/L	EPA 351.1	0.5	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	20-Feb-03	Total Dissolved Solids	Total	1420	mg/L	SM2540C	40	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Feb-03	Total Suspended Solids	Total	570	mg/L	SM2540D	20	PQL	FGL	
W-4	2003-03	12-Feb-03	13-Feb-03	Conductivity	Total	419	umhos/cm	SM2510B	1	PQL	FGL	
W-4	2003-03	13-Feb-03	14-Feb-03	Chloride	Total	78	mg/L	EPA 300.0	1	PQL	FGL	
W-4	2003-03	12-Feb-03	12-Feb-03	pH	Total	8	units	SM4500-H		PQL	FGL	
W-4	2003-03	13-Feb-03	19-Feb-03	BOD	Total	7	mg/L	SM5210B	1.7	PQL	FGL	
W-4	2003-03	13-Feb-03	06-Mar-03	Phosphorus	Total	2	mg/L	SM 4500-P E	0.5	PQL	FGL	
W-4	2003-03	13-Feb-03	14-Feb-03	Bromide	Total	1	mg/L	EPA 300.0	0.1	PQL	FGL	
W-4	2003-03	13-Feb-03	06-Mar-03	Phosphorus	Dissolved	1	mg/L	SM 4500-P E	0.1	PQL	FGL	
W-4	2003-03	13-Feb-03	14-Feb-03	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
W-4	2003-03	12-Feb-03	19-Feb-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
W-4	2003-03	12-Feb-03	19-Feb-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
W-4	2003-03	13-Feb-03		Hardness	Total	642	mg/L	Calculation	2.5	PQL	FGL	
W-4	2003-03	13-Feb-03	14-Feb-03	Nitrate Nitrogen	Total	22	mg/L	EPA 300.0	0.1	PQL	FGL	
W-4	2003-03	13-Feb-03	14-Feb-03	Nitrate+Nitrite as N	Total	22	mg/L	EPA 300.0	0.5	PQL	FGL	
W-4	2003-03	13-Feb-03	13-Feb-03	Phosphate	Total	2	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-CC	2003-04	04-Jun-03	05-Jun-03	Total Coliforms	Total	11199	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-04	04-Jun-03	05-Jun-03	E. Coli	Total	341	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-CC	2003-04	04-Jun-03	05-Jun-03	Enterococcus	Total	271	MPN	Enterolert			Ventura County HCA Laboratories	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Zinc	Total	0.09	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-CC	2003-04	05-Jun-03	10-Jun-03	Zinc	Dissolved	0.02	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-CC	2003-04	05-Jun-03	06-Jun-03	Calcium	Total	77	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-CC	2003-04	05-Jun-03	06-Jun-03	Magnesium	Total	45	mg/L	EPA 200.7	1	PQL	FGL	
ME-CC	2003-04	04-Jun-03	19-Jun-03	Mercury	Total	2.91	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-04	04-Jun-03	19-Jun-03	Mercury	Dissolved	2.14	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Copper	Dissolved	0.017	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Copper	Total	0.016	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Nickel	Total	0.007	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Nickel	Dissolved	0.006	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Arsenic	Dissolved	0.003	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Selenium	Dissolved	0.003	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Chromium	Total	0.003	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Chromium	Dissolved	0.002	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Lead	Total	0.0016	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	10-Jun-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	11-Jun-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-CC	2003-04	05-Jun-03	12-Jun-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB
ME-CC	2003-04	05-Jun-03	17-Jun-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-CC	2003-04	05-Jun-03	12-Jun-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-CC	2003-04	05-Jun-03	12-Jun-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL



Appendix D  
Laboratory Analysis Results

SiteID (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
W-4	2003-03	13-Feb-03	01-Mar-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	27-Feb-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
W-4	2003-03	13-Feb-03	27-Feb-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
W-4	2003-03	13-Feb-03	27-Feb-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
W-4	2003-03	13-Feb-03	24-Feb-03	TOC	Total	12	mg/L	EPA 8270C	0.5	PQL	FGL	
W-4	2003-03	13-Feb-03	01-Mar-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
W-4	2003-03	13-Feb-03	01-Mar-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
W-4	2003-03	12-Feb-03	26-Feb-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
W-4	2003-03	13-Feb-03	01-Mar-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Bolstar	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Coumaphos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Demeton-o.s	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Diazinon	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Dichlorvos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Dimethoate	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Disulfoton	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	EPN	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Ethoprop	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Fenthion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Malathion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Merphos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Mevinphos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Monocrotophos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Naled	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Parathion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Parathion Methyl	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Phorate	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Ronnel	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Stirophos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Sulfotepp	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Thionazin	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Tokuthion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Mar-03	Trichloronate	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	04-Mar-03	2,4-D	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	04-Mar-03	Dicamba	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	
W-4	2003-03	13-Feb-03	04-Mar-03	Dichlorprop	Total	<2	ug/l	EPA 8151A	2	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
W-3	2003-03	13-Feb-03	14-Feb-03	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Feb-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Feb-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
W-3	2003-03	13-Feb-03	14-Feb-03	Hardness	Total	358	mg/L	Calculation	2.5	PQL	FGL	
W-3	2003-03	13-Feb-03	14-Feb-03	Nitrate+Nitrite as N	Total	7	mg/L	EPA 300.0	0.1	PQL	FGL	
W-3	2003-03	13-Feb-03	14-Feb-03	Nitrate Nitrogen	Total	6	mg/L	EPA 300.0	0.5	PQL	FGL	
W-3	2003-03	13-Feb-03	13-Feb-03	Phosphate	Total	1	mg/L	SM 4500-P E	0.3	PQL	FGL	
W-4	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
W-4	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
W-4	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	16520	MPN	Enterolert			Ventura County HCA Laboratories	
W-4	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	3255	MPN	MMO-MUG			Ventura County HCA Laboratories	
W-4	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	2950	MPN	MMO-MUG			Ventura County HCA Laboratories	
W-4	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	>241920	MPN	Enterolert			Ventura County HCA Laboratories	
W-4	2003-03	13-Feb-03	19-Feb-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	18-Feb-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	21-Feb-03	Calcium	Total	160	mg/L	EPA 200.7	1	PQL	FGL	MIH
W-4	2003-03	13-Feb-03	21-Feb-03	Magnesium	Total	59	mg/L	EPA 200.7	1	PQL	FGL	MIH
W-4	2003-03	12-Feb-03	08-Mar-03	Mercury	Total	169	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
W-4	2003-03	12-Feb-03	08-Mar-03	Mercury	Dissolved	1	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
W-4	2003-03	13-Feb-03	11-Mar-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-4	2003-03	13-Feb-03	11-Mar-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-4	2003-03	13-Feb-03	11-Mar-03	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	21-Feb-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Feb-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Feb-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Feb-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Feb-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	19-Feb-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-4	2003-03	13-Feb-03	18-Feb-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-4	2003-03	13-Feb-03	27-Feb-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
W-4	2003-03	13-Feb-03	27-Feb-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
W-4	2003-03	13-Feb-03	27-Feb-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
W-4	2003-03	13-Feb-03	01-Mar-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
W-4	2003-03	13-Feb-03	19-Mar-03	Azinphos Methyl	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	HB
W-4	2003-03	13-Feb-03	19-Mar-03	Fensulfothion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	HB
W-4	2003-03	13-Feb-03	27-Feb-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
W-4	2003-03	13-Feb-03	27-Feb-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
W-4	2003-03	13-Feb-03	01-Mar-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL, MIH
W-4	2003-03	13-Feb-03	01-Mar-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-4	2003-03	13-Feb-03	01-Mar-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
W-3	2003-03	13-Feb-03	27-Feb-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	12-Feb-03	20-Feb-03	Glyphosate	Total	<20	ug/l	EPA 547	20	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Chlorpyrifos	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
W-3	2003-03	13-Feb-03	25-Feb-03	TKN	Total	3	mg/L	EPA 351.1	0.5	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	19-Feb-03	Total Suspended Solids	Total	1010	mg/L	SM2540D	20	PQL	FGL	
W-3	2003-03	13-Feb-03	20-Feb-03	Total Dissolved Solids	Total	640	mg/L	SM2540C	40	PQL	FGL	
W-3	2003-03	13-Feb-03	13-Feb-03	Conductivity	Total	246	umhos/cm	SM2510B	1	PQL	FGL	
W-3	2003-03	13-Feb-03	14-Feb-03	Chloride	Total	42	mg/L	EPA 300.0	1	PQL	FGL	
W-3	2003-03	13-Feb-03	12-Feb-03	pH	Total	8	units	SM4500-H		PQL	FGL	
W-3	2003-03	13-Feb-03	19-Feb-03	BOD	Total	6	mg/L	SM5210B	1.7	PQL	FGL	
W-3	2003-03	13-Feb-03	06-Mar-03	Phosphorus	Total	3	mg/L	SM 4500-P E	0.5	PQL	FGL	
W-3	2003-03	13-Feb-03	06-Mar-03	Phosphorus	Dissolved	2	mg/L	SM 4500-P E	0.5	PQL	FGL	
W-3	2003-03	13-Feb-03	14-Feb-03	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
W-3	2003-03	13-Feb-03	27-Feb-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
W-3	2003-03	13-Feb-03	27-Feb-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
W-3	2003-03	13-Feb-03	27-Feb-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
W-3	2003-03	13-Feb-03	24-Feb-03	TOC	Total	17	mg/L	EPA 8270C	0.5	PQL	FGL	
W-3	2003-03	13-Feb-03	01-Mar-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
W-3	2003-03	13-Feb-03	01-Mar-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
W-3	2003-03	12-Feb-03	26-Feb-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	
W-3	2003-03	13-Feb-03	01-Mar-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
W-3	2003-03	13-Feb-03	20-Feb-03	Methyl tert-butyl ether	Total	<2	ug/L	EPA 8260B	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Demeton-o,s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Strophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Mar-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
W-3	2003-03	13-Feb-03	04-Mar-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
W-3	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	3654	MPN	MMO-MUG			Ventura County HCA Laboratories	
W-3	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	>241920	MPN	Enterolert			Ventura County HCA Laboratories	
W-3	2003-03	13-Feb-03	19-Feb-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	18-Feb-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	21-Feb-03	Calcium	Total	89	mg/L	EPA 200.7	1	PQL	FGL	MIH
W-3	2003-03	13-Feb-03	21-Feb-03	Magnesium	Total	33	mg/L	EPA 200.7	1	PQL	FGL	MIH
W-3	2003-03	12-Feb-03	08-Mar-03	Mercury	Total	201	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
W-3	2003-03	12-Feb-03	08-Mar-03	Mercury	Dissolved	3	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
W-3	2003-03	13-Feb-03	21-Feb-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-3	2003-03	13-Feb-03	11-Mar-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-3	2003-03	13-Feb-03	11-Mar-03	Chromium	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	21-Feb-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Feb-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Feb-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Feb-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-3	2003-03	13-Feb-03	19-Feb-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	11-Mar-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
W-3	2003-03	13-Feb-03	18-Feb-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
W-3	2003-03	13-Feb-03	27-Feb-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
W-3	2003-03	13-Feb-03	27-Feb-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
W-3	2003-03	13-Feb-03	27-Feb-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
W-3	2003-03	13-Feb-03	01-Mar-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
W-3	2003-03	13-Feb-03	19-Mar-03	Azinphos Methyl	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	HB
W-3	2003-03	13-Feb-03	19-Mar-03	Fensulfthion	Total	<2	ug/l	EPA 8141A	2	PQL	FGL	HB
W-3	2003-03	13-Feb-03	27-Feb-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
W-3	2003-03	13-Feb-03	27-Feb-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
W-3	2003-03	13-Feb-03	01-Mar-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL, MIH
W-3	2003-03	13-Feb-03	01-Mar-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	01-Mar-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
W-3	2003-03	13-Feb-03	27-Feb-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-03	12-Feb-03	28-Feb-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Pentachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-VR	2003-03	12-Feb-03	25-Feb-03	TKN	Total	1	mg/L	EPA 351.1	0.5	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	13-Feb-03	Conductivity	Total	897	umhos/cm	SM2510B	1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	20-Feb-03	Total Dissolved Solids	Total	420	mg/L	SM2540C	40	PQL	FGL	
ME-VR	2003-03	12-Feb-03	19-Feb-03	Total Suspended Solids	Total	160	mg/L	SM2540D	20	PQL	FGL	
ME-VR	2003-03	12-Feb-03	14-Feb-03	Chloride	Total	44	mg/L	EPA 300.0	1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	12-Feb-03	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-VR	2003-03	12-Feb-03	19-Feb-03	BOD	Total	4	mg/L	SM5210B	1.7	PQL	FGL	
ME-VR	2003-03	12-Feb-03	14-Feb-03	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	14-Feb-03	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Total	<0.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Dissolved	<0.1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	19-Feb-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	20-Feb-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-VR	2003-03	12-Feb-03	20-Feb-03	Hardness	Total	236	mg/L	Calculation	2.5	PQL	FGL	
ME-VR	2003-03	12-Feb-03	14-Feb-03	Nitrate Nitrogen	Total	1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	14-Feb-03	Nitrate+Nitrite as N	Total	1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-VR	2003-03	12-Feb-03	13-Feb-03	Phosphate	Total	<0.3	mg/L	SM 4500-P E	0.3	PQL	FGL	
W-3	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
W-3	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
W-3	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	>241920	MPN	Enteroler1			Ventura County HCA Laboratories	
W-3	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	5470	MPN	MMO-MUG			Ventura County HCA Laboratories	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection/Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-03	12-Feb-03	01-Mar-03	Toxaphene	Total	<2	ug/L	EPA 8081	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Bolstar	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Coumaphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Demeton-o.s	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Diazinon	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Dichlorvos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Dimethoate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Disulfoton	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	EPN	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Ethoprop	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Fenthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Malathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Merphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Mevinphos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Sitrofos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-03	12-Feb-03	04-Mar-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzo(g,h)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-VR	2003-03	12-Feb-03	19-Feb-03	Lead	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	19-Feb-03	Nickel	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-03	12-Feb-03	19-Feb-03	Selenium	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	19-Feb-03	Silver	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Thallium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Arsenic	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Cadmium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Chromium	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Copper	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Lead	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Nickel	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Selenium	Dissolved	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Silver	Dissolved	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	
ME-VR	2003-03	12-Feb-03	18-Feb-03	Thallium	Dissolved	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	28-Feb-03	Di-n-butylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-VR	2003-03	12-Feb-03	28-Feb-03	Diethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-VR	2003-03	12-Feb-03	28-Feb-03	2,4-Dimethylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	EST
ME-VR	2003-03	12-Feb-03	01-Mar-03	4,4-DDD	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Endrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	HB, MIL
ME-VR	2003-03	12-Feb-03	11-Mar-03	Azinphos Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-03	12-Feb-03	11-Mar-03	Fensulfthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	HB
ME-VR	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodiphenylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	HB
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzidine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	HB
ME-VR	2003-03	12-Feb-03	01-Mar-03	Heptachlor Epoxide	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL, MIH
ME-VR	2003-03	12-Feb-03	01-Mar-03	Aldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Alpha BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Beta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Delta BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Gamma BHC	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	alpha-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	gamma-Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	4,4-DDE	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	4,4-DDT	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Dieldrin	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Endosulfan I	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Endosulfan II	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Endosulfan Sulfate	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Endrin Aldehyde	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Heptachlor	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	01-Mar-03	Methoxychlor	Total	<0.1	ug/L	EPA 8081	0.1	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	Benzo(a)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	4-Bromophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	2-Chloronaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	Fluorene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	Hexachlorocyclopentadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	Hexachloroethane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	Phenanthrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	Pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	28-Feb-03	4-Chloroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-VR	2003-03	12-Feb-03	28-Feb-03	3-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-VR	2003-03	12-Feb-03	28-Feb-03	4-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	RMI
ME-VR	2003-03	13-Feb-03	24-Feb-03	TOC	Total	8	mg/L	EPA 8270C	0.5	PQL	FGL	
ME-VR	2003-03	12-Feb-03	21-Feb-03	Glyphosate	Total	<20	ug/L	EPA 547	20	PQL	FGL	
ME-VR	2003-03	12-Feb-03	01-Mar-03	Chlordane	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-03	12-Feb-03	01-Mar-03	Endrin Ketone	Total	<0.05	ug/L	EPA 8081	0.05	PQL	FGL	
ME-VR	2003-03	12-Feb-03	21-Feb-03	TRPH	Total	<1	mg/L	EPA 418.1	1	DLR	Associated Laboratories	

Appendix D  
Laboratory Analysis Results

SiteID (2)	EventNo (1)	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier (3)
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Phenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	1,2,4-Trichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2,4,5-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2,4,6-Trichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzyl Alcohol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4-Chloro-3-methylphenol	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodi-n-propylamine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Aniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	1,2-Diphenylhydrazine	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzoic Acid	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4,6-Dinitro-2-methylphenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2,4-Dinitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2-Nitroaniline	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4-Nitrophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Penlachlorophenol	Total	<50	ug/L	EPA 8270C	50	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Chlorpyrifos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	3,3'-Dichlorobenzidine	Total	<20	ug/L	EPA 8270C	20	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	25-Feb-03	TKN	Total	2	mg/L	EPA 351.1	0.5	PQL	FGL	MIL
ME-SCR	2003-03	12-Feb-03	19-Feb-03	Total Suspended Solids	Total	990	mg/L	SM2540D	20	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	13-Feb-03	Conductivity	Total	797	umhos/cm	SM2510B	1	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	20-Feb-03	Total Dissolved Solids	Total	750	mg/L	SM2540C	40	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	14-Feb-03	Chloride	Total	44	mg/L	EPA 300.0	1	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	12-Feb-03	pH	Total	8	units	SM4500-H		PQL	FGL	
ME-SCR	2003-03	12-Feb-03	19-Feb-03	BOD	Total	5	mg/L	SM5210B	1.7	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Total	3	mg/L	SM 4500-P E	0.5	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	06-Mar-03	Phosphorus	Dissolved	1	mg/L	SM 4500-P E	0.1	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	14-Feb-03	Bromide	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	14-Feb-03	Nitrite Nitrogen	Total	<0.1	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	19-Feb-03	Ammonia-N	Total	<0.2	mg/L	SM4500NH3H	0.2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	19-Feb-03	Oil and Grease	Total	<3	mg/L	EPA 1664	3	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	12-Feb-03	Hardness	Total	388	mg/L	Calculation	2.5	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	14-Feb-03	Nitrate Nitrogen	Total	2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	14-Feb-03	Nitrate+Nitrite as N	Total	2	mg/L	EPA 300.0	0.1	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	13-Feb-03	Phosphate	Total	<0.3	mg/L	SM 4500-P E	0.3	PQL	FGL	
ME-VR	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	120330	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-03	12-Feb-03	12-Feb-03	Total Coliforms	Total	>241920	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	5310	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	3310	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-03	12-Feb-03	13-Feb-03	E. Coli	Total	3076	MPN	MMO-MUG			Ventura County HCA Laboratories	
ME-VR	2003-03	12-Feb-03	13-Feb-03	Enterococcus	Total	>241920	MPN	Enterolert			Ventura County HCA Laboratories	
ME-VR	2003-03	12-Feb-03	19-Feb-03	Zinc	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	18-Feb-03	Zinc	Dissolved	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	MIL
ME-VR	2003-03	12-Feb-03	21-Feb-03	Calcium	Total	65	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-03	12-Feb-03	21-Feb-03	Magnesium	Total	18	mg/L	EPA 200.7	1	PQL	FGL	MIH
ME-VR	2003-03	12-Feb-03	08-Mar-03	Mercury	Total	6	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-03	12-Feb-03	08-Mar-03	Mercury	Dissolved	1	ng/L	FGS-069	0.15	RL	Frontier Geosciences	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Arsenic	Total	<0.002	mg/L	EPA 200.8	0.002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	19-Feb-03	Cadmium	Total	<0.0002	mg/L	EPA 200.8	0.0002	PQL	FGL	
ME-VR	2003-03	12-Feb-03	11-Mar-03	Chromium	Total	<0.01	mg/L	EPA 200.8	0.01	PQL	FGL	
ME-VR	2003-03	12-Feb-03	21-Feb-03	Copper	Total	<0.001	mg/L	EPA 200.8	0.001	PQL	FGL	

Appendix D  
Laboratory Analysis Results

SiteID [2]	EventNo [1]	Sample Date	Analysis Date	Constituent	Fraction	Result	Units	Method	Detection Limit	Detection Limit Type	Analyzing Lab	Qualifier [3]
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Monocrotophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Naled	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Parathion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Parathion Methyl	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Phorate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Ronnel	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Stirophos	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Sulfotepp	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Thionazin	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Tokuthion	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	11-Mar-03	Trichloronate	Total	<2	ug/L	EPA 8141A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	2,4-D	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	Dicamba	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	Dichlorprop	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	Dinoseb	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	2,4,5-T	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	2,4,5-TP	Total	<2	ug/L	EPA 8151A	2	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	2,4-DB	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	04-Mar-03	Dalapon	Total	<5	ug/L	EPA 8151A	5	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Acenaphthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Acenaphthylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzo(b)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzo(k)fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzo(g,h,i)perylene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Benzo(a)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Butylbenzylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroethoxy)methane	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroethyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	bis(2-Chloroisopropyl)ether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	bis(2-Ethylhexyl)phthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2-Chlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4-Chlorophenylphenylether	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Chrysene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Dibenzo(a,h)anthracene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Dibenzofuran	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	1,2-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	1,3-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	1,4-Dichlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2,4-Dichlorophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Dimethylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2,4-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2,6-Dinitrotoluene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Di-n-octylphthalate	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Fluoranthene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Hexachlorobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Hexachlorobutadiene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Indeno(1,2,3-c,d)pyrene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Isophorone	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2-Methylnaphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	4-Methylphenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Naphthalene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	Nitrobenzene	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	2-Nitrophenol	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	
ME-SCR	2003-03	12-Feb-03	28-Feb-03	N-Nitrosodimethylamine	Total	<10	ug/L	EPA 8270C	10	PQL	FGL	