

construction peak flow rates during the post-construction period. When this is not the case, often times the result is the need to engineer solutions to protect life and property downstream of a poorly planned development. For example, the County intends to mitigate for residential flooding in a small unincorporated community of Mountain View Acres, which we brought to you in the April 2011 Executive Officer's Report. Based on resident's input, the County's preferred alternative for the Mountain View Acres Project is the construction of an underground box culvert, which will discharge to Turner Wash. The County must design the project such that it will not exacerbate the degradation of the Turner Wash. Water Board staff found this meeting to be yet another opportunity to provide outreach to both County and City staff and to underscore the importance of working collaboratively to protect water quality.

8. **Status of Dairies** - *Ghasem Pour-ghasemi*

The Water Board is moving forward with the implementation of the May 2010 Dairy Strategy. A Cleanup and Abatement Order was issued to one of the dairies for the cleanup of manure stockpiles, and to develop, submit and implement a nutrient management plan (NMP). Stockpiles are reduced by more than 25 percent at this time and should be completely removed from the dairy by October. Also, the dairy has submitted its NMP.

The Water Board has issued 13267 Investigative Orders to four different dairies. The Orders require the dairies to sample for nitrate and total dissolved solids (TDS) at all residential wells around the dairies. The first round of sampling is completed and shows nitrate and TDS levels over the maximum contaminant level in some wells downgradient of these

dairies. Water Board staff has notified all residents of the sampling results for their wells. A final report, including results from the second round of required sampling done in late April is due from the dairy owners in June.

Water Board staff had another meeting with Dairymen, Western United Dairymen, The Mojave Desert Resource Conservation Service, and Natural Resources Conservation Service (NRCS) 4 in April 2011 to discuss the importance of NMPS. The Water Board staff will be issuing Investigative Orders requiring all dairies to submit NMPs. The date for submittal of these NMPs will differ from one dairy to another and will be based on risks to water quality from existing practice on-site and availability of assistance from the NRCs. Therefore, it is possible that it could take another two years for all NMPs to be submitted. The Water Board staff will coordinate with NRCS to space the NMP required submittal dates in a manner that will allow NRCS adequate time to prepare NMPs for all dairies. NRCS will do NMP studies at no cost to the dairies.

9. **Riverside-Inyo-Mono-San Bernardino Counties Science Fair** – *Patrice Copeland and Brianna Bergen*

Water Board staff from our Victorville office volunteered to be judges for the Regional Inland Science and Engineering Fair held this year at the National Orange Show fairgrounds in San Bernardino on April 5, 2011. The annual competition is open to 4th through 12th grade students from Riverside, Inyo, Mono, and San Bernardino (RIMS) counties. About 832 participants and over 750 projects were judged during this year's science fair. Through their projects, the students expressed their creative abilities and knowledge and shared their scientific interests with other student participants.

Two first-place "gold" award winners from each category will be given an opportunity to compete at the state-wide level during the California State Science Fair, which will be held on May 2 and 3, 2011, in Los Angeles. Approximately 80 projects from the RIMS Inland Science and Engineering Fair will go on to compete at the state level. It is expected that about 950 participants from nearly 400 schools throughout the state will compete in that event.

Teams of three to six judges per category decided on two "gold" first place awards and five "silver" second place awards, with the remaining entries given "bronze" awards for participation. Patrice Copeland and Brianna Bergen of the S. Basin Land Disposal Unit helped in judging projects in the earth and environmental sciences category and critiqued the projects on the basis of use of the scientific method, organization and completeness, comprehension, clarity of presentation, effort and motivation, and originality. Ms. Copeland is also a member of Inland Geological Society (IGS), a local professional group, which awarded \$100 savings bonds to students for projects that exhibited outstanding geologic or water quality related work in grades 6 through 12. The following project received a first place award and the team of students received savings bonds from IGS: *Trilobite Leftovers: Mortality or Moulting?* (Junior Division). The second place award winner in the Junior Division was also given a savings bond from IGS members: *Grout vs. Graded Filter Method to Repair Cover Collapse Sinkholes in Karst Areas*. The Senior Division first place award went to *Lichen: The Next Pollution Indicator?* Several certificates of merit from IGS were given to other deserving projects in the Elementary, Junior, and Senior Divisions.

The Inland Science and Engineering Fair is an excellent forum for outreach and building partnerships to increase public awareness of water quality issues while encouraging youth to investigate potential environmental and water quality problems. In addition, these programs also allow students to interact with real scientists, ask questions, and get advice regarding how their projects may be improved – now and in the future, as many of them return next year to the science fair or continue on in their studies.

10. **County Sanitation District No. 14 of Los Angeles County (District), Lancaster Water Reclamation Plant, Los Angeles County – Mike Coony**

The Water Board adopted a Cease and Desist Order (CDO) in October 2004 and an Amended CDO in November 2007. A final compliance date of November 1, 2010 is included in the Amended CDO requiring the District to eliminate the effluent induced overflows from Piute (sometimes spelled as Paiute) Ponds to Rosamond Dry Lake. The District awarded two construction contracts for facilities needed to achieve final compliance, one for four lined storage reservoirs and the other for a tertiary treatment plant with nitrogen removal and a treatment capacity of 18 million gallons per day.

The District's January 2011 construction schedule shows a project completion date of August 30, 2011, which is 10 months later than the CDO compliance date of November 1, 2010. The District claims these delays were unavoidable due to unforeseen conditions and equipment delivery delays.

The CDO defines induced overflows as uncontrolled Piute Pond releases that would not occur if the ponds did not contain

Lancaster facility effluent. Rosamond Dry Lake, with an estimated area of 150 square miles, is located on the Edward Air Force Reservation (Air Force). The Air Force occasionally uses part of the dry lake for flight operations. Induced overflows condition causes a nuisance because the Air Force cannot freely use the dry lake for flight operations. This nuisance is the basis for the CDO and the amended CDO.

In November 2010, the Air Force requested the District to initiate releases from Piute Ponds for habitat management in portions of the dry lake. These releases are controlled in a manner to keep water away from the area of the dry lake used for flight operations. Thus, these controlled releases do not meet the definition of induced overflows and thereby effluent induced overflows have not occurred after the final compliance date of November 1, 2010. Therefore, Water Board staff has not recommended further enforcement action for project construction delays. The CDO also includes interim standards requiring the District to divert specific amounts of effluent that would otherwise be discharged into Piute Ponds. The District is in compliance with the diversion interim standards. A table showing the status of compliance is included at the end of this report.

11. **County Sanitation District No. 20 of Los Angeles County (District), Palmdale Water Reclamation Plant, Los Angeles County** – Mike Coony and Linda Stone

Cease and Desist Order

The Water Board adopted a Cease and Desist Order (CDO) in October 2004 and an Amended CDO for the District in November, 2007. The Amended CDO requires the District to achieve final compliance with Waste Discharge Requirements by June 18, 2010 by halting

discharges of nitrogen to groundwater that create a condition of pollution or that are in violation of Basin Plan water quality objectives.

To achieve compliance, the District expanded its agricultural reuse area in 2005 and 2006, and completed synthetic-lined storage reservoirs in December 2009. During the low crop agronomic demand period in early 2010, the Discharger diverted plant effluent to the storage reservoirs. During the high crop agronomic demand period of spring and summer 2010, the Discharger applied a combination of plant effluent and stored reservoir effluent to the agricultural reuse site. In this manner, the District achieved effluent application at crop agronomic needs in 2010. Water Board staff recommends rescission of the CDO and the amended CDO.

The District is in the final stages of constructing a new activated-sludge tertiary treatment plant (with nitrogen removal) at the existing treatment plant site. The District expects the new plant to be fully operational on November 4, 2011.

Cleanup and Abatement Order

The District is continuing work on achieving complete compliance with Cleanup and Abatement Order (CAO) issued for discharges of nitrogen to groundwater. The CAO requires the District to delineate groundwater nitrate contamination, develop a remediation plan, implement a remedial action plan, and reduce the amount of nitrate reaching groundwater. The District recently submitted Containment and Remediation Plan Supplement No. 4, which included an updated mathematical modeling and analysis plan of cleanup alternatives. Based on the model, areas of groundwater with nitrate (as N) concentrations exceeding 10 mg/L are

predicted to decrease and disappear in each alternative. Areas containing concentrations of nitrate (as N) exceeding 5 to 6 mg/L remain at the end of the 55-year simulation period, for all alternatives including the Aggressive Remediation Alternative. The concentrations and extent of nitrate in groundwater are predicted to decrease relatively slowly during the last 20 years of the simulated period for all four alternatives.

Status of Task Completions

A table showing the status of compliance is included at the end of this report.

12. Silverwood Lake Fish Tissue Study - Thomas Suk

In June of 2010, the Water Boards' Surface Water Ambient Monitoring Program (SWAMP) published results of a state-wide survey of fish from California lakes and reservoirs. That survey identified two reservoirs in the Lahontan Region from which fish fillet tissue exceeded "No Consumption" criteria adopted by OEHHA: Silverwood Lake and Little Rock Reservoir (Los Angeles County). Largemouth bass from both reservoirs exceeded OEHHA's "No Consumption" criterion for mercury; those fish from Silverwood Lake also exceeded OEHHA's "No Consumption" criterion for PCBs. The source(s) of mercury and PCBs are not known.

The 2010 state-wide survey was only a "screening" study; it did not capture

sufficient numbers of fish, or enough species of fish, for OEHHA to develop detailed consumption guidance. Water Board Staff has finalized a workplan and contract for fish sampling at Silverwood Lake (San Bernardino County), and field collections are underway. The purpose of the study is to gather sufficient numbers, sizes, and species of sport fish so the California Office of Environmental Health Hazard Assessment (OEHHA) can develop "safe eating guidelines" for Silverwood Lake. This study utilizes SWAMP funds to pay for additional field collections at Silverwood Lake, and laboratory analyses of fish fillet tissue for mercury and PCBs. The results will be provided to OEHHA so it can develop consumption guidelines, which will then be communicated to the public (using formats similar to the guidance developed recently for Donner Lake). Silverwood Lake was identified as our region's highest priority for follow-up because of the multiple contaminants, and also because the 2010 screening survey documented concentrations of PCBs in fish from Silverwood Lake to be among the highest in the state.

Water Board Staff currently estimates that it will take approximately 6-12 months to complete the project (i.e., field collections, laboratory analyses, and quality assurance checks by SWAMP staff, followed by data analyses and guidance development by OEHHA). A similar follow-up study will be planned for Little Rock Reservoir in the future, as funds become available.

STATUS OF 2009 TRIENNIAL REVIEW PRIORITIES FOR BASIN PLANNING ACTIVITIES

Topic No.	Topic	2009 Description and Estimated Completion Date	Status in April 2011
0	Complete Lake Tahoe TMDL and associated amendments to Chapter 5.	Ongoing work that will use TMDL program rather than Basin Planning program resources.	The TMDL was adopted in November 2010 and will be considered for approval by the State Water Board on April 19, 2011. If the State Water Board approves the TMDL, further approvals by the California Office of Administrative Law and the U.S. Environmental Protection Agency (USEPA) will be necessary.
1	Complete amendments to the water quality objective for pesticides	Ongoing work (in FY 09-10 workplan). The estimated completion date was May 2010.	Public draft Basin Plan amendments and supporting documents were released in March 2011. Hearings to receive public testimony on the amendments and Substitute Environmental Document (SED) are scheduled for the April and May 2011 Water Board meetings, and a 45-day written comment period will end on May 13. Water Board action on the amendments and SED will be scheduled for a later meeting.
2	Complete amendments to plan provisions affecting the shorezone of Lake Tahoe	Ongoing work (in FY 09-10 workplan). The estimated completion date was July 2010.	Lahontan Water Board staff conducted the California Environmental Quality Act (CEQA) scoping process for this project in November and December 2009. A federal court decision in 2010 invalidated TRPA's 2008 revisions to its shorezone ordinances. TRPA has appealed the decision. Further work on the shorezone Basin Plan amendments has been suspended pending final resolution of the litigation.

STATUS OF 2009 TRIENNIAL REVIEW PRIORITIES FOR BASIN PLANNING ACTIVITIES

Topic No.	Topic	2009 Description and Estimated Completion Date	Status in April 2011
3	Complete Tahoe/Truckee prohibition/forestry amendments	Ongoing work (in FY 09-10 workplan). Revise exemption criteria for 100-year floodplain waste discharge prohibitions in the Lake Tahoe and Truckee River watersheds to be consistent and to clarify application of exemption criteria to forest fuel reduction activities. Update Chapter 4 and 5 discussions on timber harvest and vegetation management. The estimated completion date was October 2010.	The scope of this project has been expanded to include update of waste discharge prohibitions and exemption criteria for the entire Lahontan Region. The tentative schedule calls for CEQA scoping in the summer of 2011, release of public drafts in the fall, and Water Board action in early 2012.
4	Complete Chapter 5 amendments to incorporate Tahoe Regional Planning Agency's (TRPA's) new 20-year Regional Plan	Ongoing assistance to TRPA staff to ensure that TRPA Regional Plan is consistent with the Lake Tahoe TMDL. Additional water quality programs and implementation measures will be incorporated into Chapter 5 of the Basin Plan following TRPA's adoption of its Regional Plan. The estimated completion date was early 2012.	TRPA now plans to complete an EIS for a focused group of plan update recommendations by the end of 2011 so that "policy" changes for these recommendations may be adopted in 2012. It is not clear whether TRPA expects to update its detailed Code of Ordinances at the same time. The Chapter 5 Basin Plan amendments will be deferred until the TRPA Regional Plan update is complete

STATUS OF 2009 TRIENNIAL REVIEW PRIORITIES FOR BASIN PLANNING ACTIVITIES

Topic No.	Topic	2009 Description and Estimated Completion Date	Status in April 2011
5	Revise water quality objectives for Mojave River	Initial effort to gather information from Mojave Water Agency and other entities. Prepare workplan and resource estimate to complete Basin Plan amendment to revise objectives. The estimated completion date was June 2012.	A 2010 report by consultants to the Victor Valley Wastewater Reclamation Authority (VWVRA) suggests that Basin Plan amendments to revise water quality objectives are unnecessary for the majority of constituents sampled at 7 stations in the Mojave River. A literature review by Water Board staff showed that currently available surface water data for the Mojave River and its tributaries are inadequate to serve as the basis for updated objectives.
6	Modify waste discharge prohibitions to protect additional prime groundwater recharge areas of arid basins	Initial effort during this Triennial Review cycle. Prepare scope, workplan and resource estimate to complete basin plan amendment. The estimated completion date was June 2012.	No work on this topic has been done to date. The need for these amendments should be clarified upon completion of ongoing work by stakeholders on salt/nutrient management plans and Integrated Regional Water Management Plans for specific watersheds. Funding sources other than Basin Planning are being used for Water Board staff participation in these stakeholder planning efforts.
7	Revise bacteria objectives	Initial effort includes managing contract to collect data and compare fecal coliform bacteria levels to E. coli levels in waters of the Lahontan Region. and reviewing proposed State Water Board and USEPA criteria. Basin Plan amendment (post-2013 at the conclusion of a Proposition 84 grant study) will incorporate the State Water Board's bacteria policy when final and consider revisions to the Lahontan Region's bacteria-related objectives. The estimated completion date was June 2013.	The State Water Board has not yet released a public draft of its proposed bacteria policy. The grant funded study of bacteria in waters of the Lahontan Region is ongoing. The U.S. Environmental Protection Agency has recognized the Water Board's Bridgeport Valley grazing waiver as an alternative regulatory program that avoids the needs for TMDLs for five stream segments that are on the Clean Water Section 303(d) list for pathogens.

STATUS OF 2009 TRIENNIAL REVIEW PRIORITIES FOR BASIN PLANNING ACTIVITIES

Topic No.	Topic	2009 Description and Estimated Completion Date	Status in April 2011
8	Miscellaneous work that will not directly result in Basin Plan amendments	Work includes coordination with other states, agencies, tribes and TRPA regarding standards revisions, contract management for plan-related work, staff training, administrative staff updates of electronic plan, coordination with State Water Board Division of Water Rights and water purveyors in Squaw Valley, Placer County regarding ground water management issues, work with third parties on nutrient and salt management plans developed under State Water Board's Recycled Water Policy, etc.	Miscellaneous planning-related work, including coordination with stakeholders involved with aquatic invasive species is ongoing.
9	Update of entire Basin Plan	Update of the plan to improve its usability for staff and the public. Revisions will address new and revised State Water Board plans and policies, California Toxics Rule standards, Nonpoint Source Plan, waiver and enforcement provisions, Surface Water Ambient Monitoring Program, Watershed Management Initiative, revised maps, a revised beneficial use table reflecting the CalWater watershed numbering system, etc. Salt/nutrient management plans completed in response to the State Water Board's recycled water policy may be incorporated into the Basin Plan as part of this project if they are available before public drafts are completed. Estimated completion date was Spring 2012.	Work on this topic has been delayed due to resource limitations and other planning priorities. Staff maintains a list of needed editorial and regulatory plan changes on an ongoing basis. Some of these changes (e.g., updated references to the current Water Code waiver provisions, the State Water Board Nonpoint Source Plan, NPDES compliance schedules, and the California Toxics Rule) will be proposed as part of the prohibition amendments (Topic No. 3).

STATUS OF 2009 TRIENNIAL REVIEW PRIORITIES FOR BASIN PLANNING ACTIVITIES

Topic No.	Topic	2009 Description and Estimated Completion Date	Status in April 2011
10	Remove MUN use from Eastern Indian Wells Valley and Salt Wells Valley Basins	This project was requested in comments from the China Lake. Naval Air Weapons Center. Staff will rely upon the Navy to provide adequate information and data to justify the amendments. Depending on the availability of data the project may or may not be completed within the next 3 years. The estimated completion date was "after 2012".	Water Board staff informed U.S. Navy staff about the Basin Planning process and the supporting information and data that would be necessary to justify removal of the uses. In discussions in 2010 the U.S. Navy indicated that it is no longer interested in pursuing these amendments.
11	2009 and 2012 Triennial Review	Resources are needed to develop a draft priority list and related documents, respond to public comments, and prepare agenda materials and administrative records.	The administrative record for the 2009 Triennial Review process was completed and submitted to the State Water Board in early 2010. State Water Board approval is not required for Triennial Reviews. Work on the 2012 Triennial Review is expected to begin during the next fiscal year.
12	Program Manager	Program manager participates in State/Regional Board roundtable meetings, aids in workplan development, provides information to the public, etc.	The Program Manager's duties are ongoing.

SCHEDULE OF TASKS
LANCASTER WATER RECLAMATION PLANT (LWRP)
COUNTY SANITATION DISTRICT NO. 14 OF LOS ANGELES COUNTY
(DISTRICT)

PERFORMANCE TASK	DUE DATE	STATUS
Required by Waste Discharge Requirements		
Board Order R6V 2002-053		
Board Order R6V 2002-053A1 (Adopted 7/13/2005)		
Nuisance Condition		
II.B.4. - Complete project to eliminate nuisance condition created by effluent induced overflow from Piute Ponds to Rosamond Dry Lake	August 25, 2005	(Extended under Cease and Desist Order R6V-2004-0038A1)
Required by: Waste Discharge Requirements		
Board Order R6V 2002-053A2 (Adopted 3/14/2007)		
Engineering Reports (Tertiary Treatment Plants)		
II.B.1. – Acceptance of engineering report for 18-mgd tertiary treatment plant by Executive Officer.	Before discharging from plant	
II.B.2. – Acceptance of engineering report for MBR tertiary treatment plant with UV disinfection by Executive Officer.	Before discharging from UV system	Issued July 9, 2009
Farm Management Plan (Agricultural Site)		
II.C.1. – Submit farm management plan for Fields 7 & 8, and 11 – 20	Submit report nine months before irrigation in fields	Met
Vadose Zone Monitoring (Agricultural Site)		
II.D.1. – Submit vadose zone monitoring plan (if an alternate plan is proposed) for Fields 1 - 6, 9 & 10	June 14, 2007	Met
II.D.1. – Implement vadose zone monitoring plan for Fields 1 - 6, 9 & 10	March 14, 2008	Met
I.H.3. (MRP) – Submit vadose zone monitoring plan for Fields 7 & 8 and 11 – 20	One year before irrigation	Met
Groundwater Monitoring (Agricultural Site)		
II.E.1. – Complete groundwater sampling for data needed to calculate existing water quality for Fields 1 through 8	June 30, 2007	Met
II.E.1. - Submit results of calculations for determining existing water quality for Fields 1 through 8	October 30, 2007	Met
II.E.2.a. - Submit workplan for installing additional monitoring wells for Fields 9 through 12	April 20, 2007	Met
II.E.2.a. - Complete installation of additional monitoring wells for Fields 9 through 12	June 15, 2007	Met
II.E.2.b. – Complete groundwater sampling for data needed to calculate existing water quality for Fields 9 through 12	September 30, 2007	Met

PERFORMANCE TASK	DUE DATE	STATUS
II.E.2.b. - Submit results of calculations for determining existing water quality for Fields 9 through 12	January 30, 2008	Met
II.E.3.a. - Submit workplan for installing additional monitoring wells for Fields 13 through 20	Submit report one year before irrigation in fields	Met
II.E.3.b. - Submit results of calculations for determining existing water quality for Fields 13 through 20	Complete before irrigation in fields	Met (Submitted on Mar 29, 2011)
Abandoned Wells (Agricultural Site)		
II.F. – Submit report demonstrating that destruction of abandoned wells have been completed for Fields 13 – 20	Submit report three months before irrigation in fields	Met (Submitted Feb 7, 2011)
Run On and Run Off Controls (Agricultural Site)		
II.G.1. – Submit report demonstrating that run on and/or run off controls have been implemented for Fields 1 - 6	Submit report one month before irrigation in fields	Met
II.G.1. – Submit report demonstrating that run on and/or run off controls have been implemented for Fields 7 - 20	Submit report one month before irrigation in fields	Submitted report for Fields 11 and 12
Required by: Waste Discharge Requirements Board Order R6V 2006-0051		
II.A. - Submit workplan for installing additional monitoring wells for the proposed storage reservoirs	April 9, 2007	Met (Submitted 16 days late)
II.B.1 - Submit the final design for the proposed storage reservoirs	Before constructing the reservoirs	Met
II.B.2 - Submit a construction QA/QC program for the proposed storage reservoirs	Before constructing the reservoirs	Met
II.B.3 - Submit certification that proposed reservoirs were constructed as proposed	Before use of the reservoirs	Met (Submitted Apr 13, 2011)
Required by: Cease and Desist Orders Board Order R6V-2004-0038 Board Order R6V-2004-0038A1 (Adopted 11/29/2007)		
I.A. – Divert 24 MG of effluent and discharge to an alternative legal disposal point (e.g., Apollo Park) other than Piute Ponds (Note: Contained in R6V-2004-0038. Not rescinded.)	Between December 1, 2004 and Mar 31, 2005	Less than 24 MG diverted
II.A. – Divert 192 MG of effluent that would otherwise be discharged to Piute Ponds and dispose of this volume at an alternative legal point of disposal.	Between April 1 and October 31 of each year	Met. In 2008, diverted 274 MG. In 2009, diverted 242 MG.

PERFORMANCE TASK	DUE DATE	STATUS
II.B. – Divert the effluent volume (calculated as specified in CDO) that would otherwise be discharged to Piute Ponds and dispose of this volume at an alternative legal point of disposal. Calculated volume equals 156 MG minus an adjustment if there is above-average rainfall.	Between November 1 and March 31 of the following year	Met in 2007-08, 2008-09, and 2009-10.
III. – Eliminate the effluent-induced overflows from Piute Ponds to Rosamond Dry Lake	November 1, 2010	Not met. Projected completion date is Fall 2011
V. – Submit quarterly status reports until final compliance achieved	February 1, May 1, August 1, and November 1	Ongoing

SCHEDULE OF TASKS
PALMDALE WATER RECLAMATION PLANT (PWRP)
COUNTY SANITATION DISTRICT NO. 20 OF LOS ANGELES COUNTY
(DISTRICT)

PERFORMANCE TASK	DUE DATE	STATUS
Required by Cease and Desist Orders R6V-2004-039 and R6V-2004-039-A01		
II. Interim Corrective Measures — Limit Excess Nitrogen at the Effluent Management Site:		
» In 2007, the limit was 125.4 tons	Feb 1, 2008	Met. District released 91.1 tons.
» In 2008, the limit was 129.2 tons	Feb 1, 2009	Met. District released 100 tons.
» In 2009, the limit was 135.7 tons	Feb 1, 2010	Met. District released 84 tons.
» In 2010, the limit was 148.1 tons	Feb 1, 2011	Met. District released 53 tons.
III. Achieve final compliance	June 18, 2010	In 2010, District diverted effluent to impoundments during low crop demand periods and used stored effluent and plant effluent during high crop demand periods. They thus achieved agronomic rates in 2010.
» Irrigate crops at the Effluent Management Site during the 2010 summer season that do not exceed the water or agronomic rates; and		
» completing storage impoundments, force man, and pump station facilities		
V.A. Submit quarterly status report	Feb 1, 2011	Met.
» Reports must include analysis towards completing facilities		
» Report must include an Excess Nitrogen statement for 2009		

PERFORMANCE TASK	DUE DATE	STATUS
V.B. Complete treatment plant construction » Based on Finding 4 of amended CDO R6V-2004-0039-A01 » District's proposal in amended CDO was July 25, 2011 » Independent Engineer's estimate was between Dec 25, 2010 and Nov 25, 2011.	Nov 25, 2011	Expected to meet.
Required by Cleanup and Abatement Order R6V 2003-056		
Plume Delineation		
1.1.1 – Submit a plan to delineate the nitrate plume to background levels	Feb 16, 2004	Met
1.1.2 – Complete plume delineation	Aug 15, 2004	Met
Plume Containment		
1.2.2 - Submit a final plan (including extraction well locations and pumping rates) and time schedule for containing the plume	Sept 15, 2004	Met
1.2.3 – Achieve plume containment	Sept 30, 2005	Not met
Plume Remediation		
1.3.1 - Submit a plan describing the proposed plume remediation describing how ground water will be restored to background or propose alternative cleanup levels pursuant to SWRCB Resolution 92-49	Sept 15, 2004	Not met - In progress
1.3.2 – Implement the proposed plan for ground water extraction and agricultural irrigation (or an equally acceptable alternative)	Sept 15, 2005	Not met — In progress
Abatement		
2.1 – Submit a plan describing proposed abatement actions	March 31, 2004	Met
Reporting		
3.2 – Submit quarterly status reports until remediation is complete including actions completed in the last three months and expected in the next three months report	February 1, May 1, August 1, and November 1	Ongoing
Required by: Monitoring and Reporting Program No. R6V-2011-0012		
Provide revisions to Sample and Analysis Plan at least 30 days before implementation	When revised	Met
II.B.5 – Submit an Annual Cropping Plan	Nov 15 of each year	Ongoing
II.B.1 – Submit monthly monitoring reports for - Flow Monitoring	15 th working day of the	Ongoing

PERFORMANCE TASK	DUE DATE	STATUS
<ul style="list-style-type: none"> - Influent Monitoring Report - Effluent Monitoring Report - Operation and Maintenance Report - Recycled Water Treatment and Use Report 	second month following each monthly monitoring period	
<p>II.B.3 – Submit quarterly reports for</p> <ul style="list-style-type: none"> - Groundwater Monitoring Report - Groundwater Extraction Operations Report - Agricultural Site Monitoring Report - Agricultural Vadose Zone Monitoring Report - Agricultural Site Monitoring, Operations, and Chemical Use Monitoring Report - Chemical Use Monitoring Report - Storage Reservoir Site Vadose Zone Monitoring Report - Biosolids Storage and Disposal Report 	15 th working day of the second month following each quarterly monitoring period	Ongoing
<p>II.B.4. – Submit annual reports for</p> <ul style="list-style-type: none"> - Treatment plant - Groundwater monitoring 	March 1 st of each year	Ongoing
Required by Resolution No. R6V-2005-0010		
A. - Discharger should initiate cleanup project to reduce nitrate concentrations in groundwater to less than 10 mg/L as N, as soon as possible	As soon as possible	In progress
B. - Discharger should submit an evaluation for additional options for remediation of groundwater after the 10 mg/L as N level is achieved. Focus should be on less than 2 mg/L as N (background), which will be used to establish the final cleanup standard	Apr 13, 2006	Not met — further analysis on-going

