

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION**

**MEETING OF April 9-10, 2008
Barstow**

ITEM: 5

SUBJECT: EXECUTIVE OFFICER'S REPORT

DISCUSSION: The Executive Officer's report includes the following:

- Enclosure 1: Report on Status of Standing Items
(April 2008)
- Enclosure 2: Executive Officer's Written Report
(April 2008)
- Enclosure 3: Notification of Spills
- Enclosure 4: Notification of Closure of Underground
Storage Tank Cases (Pursuant to Article
11, Division 3, Chapter 16, Title 23,
California Code of Regulations)

05-0001



ENCLOSURE 1

Report on Status of Standing Items (April 2008)

05-0002

**CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
LAHONTAN REGION**

REPORT ON STATUS OF STANDING ITEMS

April 2008

The Regional Board has requested that it be kept informed of the status of a number of issues. The following table lists the items, the reporting frequency and where the report can be found.

ISSUE	REPORT FREQUENCY	STATUS/COMMENT
County Sanitation Districts of Los Angeles - District No. 14	Quarterly	Item 8 April 2008 EO Report
County Sanitation Districts of Los Angeles - District No. 20	Quarterly	Item 9 April 2008 EO Report
Status of Basin Plan Amendments	Semi-Annual	Item 4 April 2008 EO Report
Status of Grants	Semi-Annual	Item 5 April 2008 EO Report
Searles Valley Minerals Operations - Compliance Status	Semi-Annual	Due June 2008 Board Meeting
Mojave River/El Mirage Dairy Issues	Semi-Annual	Due June 2008 Board Meeting
Wetland Restoration Progress in Mono County	Annually	Due November 2008 EO Report
Caltrans Statewide General Permit/Tahoe Basin	Annually	Due March 2009 Board Meeting
Tahoe Municipal Permit	Annually	Due June 2009 Board Meeting

Board Meeting Month

Frequency

Quarterly January, April, July, & October.
Bi-Monthly Varied
Semi-Annual March & September
Annually Varied

05-0003

ENCLOSURE 2

Executive Officer's Written Report
(April 2008)

05-0004



EXECUTIVE OFFICER'S REPORT

April 2008

NORTH BASIN

1. Workshop on Developing and Integrating Water and Waste Programs to Restore Watersheds – Hannah Schembri, Laurie Scribe, and Chuck Curtis

In February 2008, Lahontan Water Board staff attended a workshop session sponsored by the U.S. EPA Region 9 to facilitate collaboration between waste and water program managers working in the same watershed. This two-day workshop incorporated the recently released EPA cross-programmatic watershed cleanup manual, *Integrating Water and Waste Programs to Restore Watersheds: A Guide for Federal and State Project Managers*. This manual is available for download at: <http://www.epa.gov/superfund/resources/integrating.htm>. The manual will help EPA integrate assessment and cleanup activities across programs when addressing the unique challenges associated with contaminated watersheds. The manual will also assist staff in the best use of resources and authorities offered by EPA's existing waste and water programs and should help avoid duplication of effort by different agencies in the same watershed.

The workshop focused on a case study in the East Fork Carson River watershed, which included Leviathan Mine and many other abandoned mines

within the watershed. The goal of the workshop (and the manual) was to enhance coordination across Federal and State waste and water programs by identifying opportunities to streamline water quality assessments, leverage resources, and implement remediation activities to restore and protect beneficial uses. Additional goals for the workshop were to bring together staff from many programs, present the benefits from using a cross-programmatic approach to watershed planning, educate staff about the existing resources and tools available from other programs, and to encourage program managers to approach hazardous waste problems at a watershed scale.

The workshop was well organized and incorporated a combination of lecture, group discussion, and hands-on-work using the East Fork Carson River watershed as the case study. Using actual case study information enabled participants to work with real data, identify real stakeholders, strategize on potential funding and collaboration opportunities, and continue to build on work started at the workshop. Participants included staff from various entities: U.S. EPA, U.S. Fish and Wildlife Service, U.S. Forest Service, U.S. Bureau of Land Management, Lahontan Water Board, Nevada Division of Environmental Protection, Carson Water

05-0005

Subconservancy District, the Washoe Tribe, and local watershed groups.

Direct application of this training has the potential to be used in conjunction with the Leviathan Mine site, especially in assessing the impacts in East Fork Carson River. The workshop organizers had hoped that participants would be able to commit resources to further the Leviathan Mine cleanup process; however very few of the participants worked at a senior level where they could make a final decision to allocate resources. The organizers plan to compile and distribute tables showing what resources the various organizations could bring to the cleanup process and coordinate a follow-up meeting. Potential resources the Water Board could offer include additional sampling, sample teams, sampling equipment, and lab analyses.

2. Lane Trust Property, Placer County- Lisa Dernbach

The Water Board has been requiring air quality testing at sites where it is the lead in overseeing water quality reduction. Doing so reduces regulatory oversight by multiple agencies of these cases.

As a result of indoor air survey directives issued in a cleanup and abatement order in fall 2007, high levels of tetrachloroethene (PCE) were identified inside the building at the Lane Trust property in Kings Beach. Up to 1,400 micrograms per cubic meter PCE were detected in indoor air, significantly exceeding the screening level for commercial land use of 0.69 micrograms per cubic meter. The air survey was required because soil and shallow groundwater beneath the site contain high levels of PCE. A laundry business formerly operated on the parcel, located at 8731 North Lake Boulevard, until the

mid-1970s. A fireplace and stove retail store currently operates in the building.

The property owner was previously unaware of the PCE danger in air inside the building and quickly responded to identify a source. When carpet was removed in the back of the building where the former dry cleaning machine was likely located, a stain was observed on the concrete slab and strong solvent odors were detected. A section of the concrete slab was cut out and removed. Since soil samples in the hole showed PCE concentrations, this area will be connected to the soil vapor extraction system that began operating on site in February 2008. The property owner also plans to improve the building ventilation system to mitigate potential vapors in air that could continue accumulating. The Lane Trust has since been directed to conduct weekly air surveys and reporting to verify that mitigation measures are effectively reducing volatile hydrocarbons in air to below screening levels.

The property owner also continues to comply with other directives in the cleanup and abatement order, including groundwater remediation using air sparging. The first technical report describing remediation activities and effectiveness at the site is due by May 15, 2008.

3. State Water Board to Consider Whether to Proceed with Development of a Policy to Protect Wetlands and Riparian Areas in Order to Restore and Maintain the Water Quality and Beneficial Uses of the Waters of the State- Alan Miller

At its meeting on March 18, 2008 in Sacramento, the State Water Board postponed to April 15, 2008, consideration of a resolution supporting the development of a statewide policy to protect wetlands and riparian areas (Policy). The Policy recognizes that streams and wetlands play a critical role in California watersheds by promoting the health and existence of other vital natural resources, and by providing significant economic benefits to society in areas such as flood control and recreation.

There is a need to protect the remaining wetlands and riparian areas since over 85 percent of these resources have been lost to development. There are significant amounts of wetlands and other waters of the State in the Lahontan Region and other parts of California that are now outside of the scope of Clean Water Act permitting and protection programs due to federal court decisions in recent years. The Policy is intended to apply state laws to projects in these areas.

The approach being recommended is for the State Water Board staff to develop the Policy using a collaborative process that involves the Regional Water Boards. A California Water Board Policy development team (Development Team) will consider applicable regulations and technical documents, and coordinate with other State and federal agencies and interested persons to facilitate public involvement as the Policy is developed in three phases, as follows:

Phase 1 – establish a Policy to protect non-federal wetlands from dredge and fill activities. The Development Team is directed to develop and bring forward for State Water Board consideration: (a) a wetland definition that would reliably define the diverse array of California wetlands based on the United States Army Corps of Engineers' wetland delineation methods to the extent feasible, (b) a wetland regulatory mechanism based on the Clean Water Act section 404(b)(1) guidelines (40 C.F.R. parts 230-233) that includes a watershed focus, and (c) an assessment method for collecting wetland data to monitor progress toward wetland protection and to evaluate program development.

Phase 2 – expand the scope of the Policy to protect wetlands from all other activities impacting water quality. The Development Team is directed to develop and bring forward for State Water Board consideration: (a) new beneficial use definitions, (b) water quality objectives, and (c) a program of implementation to achieve the water quality objectives, as necessary, to protect wetland-related functions.

Phase 3 – extend the Policy's protection to riparian areas. The Development Team is directed to develop, and bring forward for State Water Board consideration: (a) new beneficial use definitions, (b) water quality objectives, and (c) a program of implementation to achieve the water quality objectives, as necessary, to protect riparian area-related functions. Lahontan Water Board staff supports the proposal and, if adopted, will be involved in the Policy development through attendance at the regular State and Regional Water Board staff involved in wetland regulatory issues. For more information, see <http://www.waterboards.ca.gov/cwa401/index.html#new>.

4. Semiannual Status Report on Basin Plan Amendments- Judith Unsicker

Carson-Walker River Sodium Amendments (Alpine and Mono Counties). The amendments to revise sodium-related standards for the Carson and Walker River watersheds have been approved by the State Water Board and the California Office of Administrative Law (OAL). They are now under review by the U.S. Environmental Protection Agency (USEPA).

Revised Surface Water Standards, Antelope Hydrologic Unit (Los Angeles, Kern, and San Bernardino Counties). The administrative record for the Basin Plan amendments that were adopted in November 2007 has been submitted to the State Water Board.

Truckee River Sediment Total Maximum Daily Load (Placer, Nevada, and Sierra Counties). Public draft Basin Plan amendments and supporting documents have been circulated for review, and the Water Board will be asked to consider approval of the Total Maximum Daily Load (TMDL) and Substitute Environmental Document at its May 2008 meeting.

Revisions to Basin Plan Chapter 5 (Placer, El Dorado and Alpine Counties). Because of the importance and complexity of the Lake Tahoe program, it was given its own chapter in the 1995 Basin Plan. Revisions to Chapter 5 are planned to incorporate the Lake Tahoe TMDL and to reflect the Tahoe Regional Planning Agency's pending updates of its land use and water quality plans. An updated Chapter 5 is expected to function as the implementation program for the TMDL. The Chapter 5 revisions will also include changes to shorezone regulations that were originally planned as a separate set of amendments. Most of the available Basin Planning

resources for this fiscal year are being used for the Chapter 5 revisions. These revisions and the TMDL are expected to come before the Water Board in 2009.

Natural Sources Exclusion Language (Regionwide). Some waters of the Lahontan Region have naturally high levels of salts and/or toxic chemicals such as arsenic and mercury. It is important to distinguish between natural and human sources of pollutants for purposes of permitting, enforcement, and assessment of impairment under the Clean Water Act. Staff work has resumed on amendments that would strengthen and clarify the existing Basin Plan Chapter 3 language on "controllable factors." These amendments may come before the Water Board in late 2008 or early 2009.

5. Status of Local Technical Assistance Grants-Cindy Wise

Regional and State Water Board staff coordinate to implement the Water Boards' financial assistance programs that include loan and grant funding for watershed protection projects, nonpoint source pollution control projects, construction of municipal sewage and water recycling facilities. This is a summary of recent grant program activities, followed by a table of the 12 local technical assistance projects (totaling approximately \$12 million) that are currently managed by Regional Board staff.

Integrated Regional Water Management (IRWM) Grant Program- The IRWM Grant Program provides grants for projects to protect communities from drought, protect and improve water quality, and improve local water security by reducing dependence on imported water. Funding for the IRWM Program is administered jointly between the State Water Board and the Department of

Water Resources (DWR.) The two agencies utilize a combined application process for awarding grants. Based on a two-step competitive process, nine applicants were invited to submit full proposals in November 2007. The full proposals are now being reviewed by staff from State Water Board, DWR, and Regional Boards.

Five of the nine applicants are from Northern California and four from Southern California (including one in the Lahontan Region.) The applicant from the Lahontan Region is the Antelope Valley State Water Contractors Association requesting \$25M to help fund two water supply projects, four recycled water projects and a water conservation project. If selected for funding, these projects will provide about 31,400 acre-feet per year of additional water, preserve nearly 130 acres of open space/habitat, improve ground water quality and provide flood management benefits.

Approximately \$58 million are available during this round of funding with a minimum of \$43 million guaranteed for Southern California. It is estimated that preliminary funding recommendations will be released by State Water Board and DWR staff in late April 2008. More information on the IRWM Program is available at:

<http://www.waterboards.ca.gov/funding/irwmgp/index.html>

Proposition 84 Storm Water Grant Program The Proposition 84 Storm Water Grant Program (SWGP) will provide \$82.35 million in matching grant funds available to local public agencies for projects that reduce and prevent pollution of rivers, lakes, and streams from discharges of storm water. Assembly Bill (AB) 739 (Statutes 2007, Chapter 610) provides additional

statutory requirements regarding implementation of this program.

State Water Board staff held three scoping meetings for the Proposition 84 SWGP on February 25 (Sacramento), March 3 (San Luis Obispo), and March 10 (Los Angeles). Interested parties that were unable to attend the meetings but would like to provide input can complete and submit the Discussion Topics handout (available on the SWGP webpage). Input received during the scoping meetings will be posted on the SWGP webpage and provided to the Storm Water Advisory Task Force (SWATF). Project solicitation is expected to begin later this year. Additional information on the Proposition 84 SWGP is available at: <http://www.waterboards.ca.gov/funding/prop84.html>.

319 Nonpoint Source Implementation Grant Program This is the federal grant program for nonpoint source pollution control projects. The deadline for submittal of full proposals was January 31, 2008. Fourteen proposals were submitted requesting a total of \$8,135,575 (approximately \$5.65 million available.) Two of the 14 proposals are in the Lahontan Region. Both proposals include management practices to help to implement the Tahoe TMDL. Water Board staff and USEPA staff are evaluating the proposals with a review consensus meeting (resulting in funding recommendations) on Tuesday March 25, 2008. The State Water Board will consider the funding recommendations for 319 Program projects at its April 15, 2008 regular meeting.

Showcasing accomplishments from current 319-funded and other nonpoint source projects, the 2008 Nonpoint Source Conference, "Integrated Watershed Management: Reducing Nonpoint Source Pollution", is scheduled to be held May 5 to 7, 2008 in San

Diego. Registration for the conference is now available at: <http://canps.tetrattech.com/Details.aspx> This conference is hosted by the Water Boards, USEPA and the CA Coastal Commission.

OTHER GRANT INFORMATION

Web Site and Electronic Mailing List

<http://www.swrcb.ca.gov/funding/index.html> is the link from the State Water Board's web page for information on current and upcoming grants, including a monthly grants newsletter and overview of statewide grants accomplishments.

http://www.waterboards.ca.gov/lyrisforms/swrcb_subscribe.html is the link to subscribe electronically to the grants mailing list to receive notification of new grant information by selected program.

Grants Roundtable Meetings

This forum continues to meet every few months to discuss grant-related issues. It includes a representative from each Regional Board and staff from the State Water Board. The next meeting is scheduled for May 29, 2008

Grant Funded Projects Managed by Regional Board Staff Table – A table of grant funded projects managed by regional board staff, is included at the end of this report.

SOUTH BASIN

6. *Dry Wells Regulatory Approach - Cindi Mitton*

As follow-up to direction given by the Water Board regarding developing a regulatory approach for dry wells used in stormwater and nuisance water management, Board staff has scheduled a meeting for April 22, 2008 with municipalities and other stakeholders to discuss:

1. instituting a process to report and track location and other information about all dry wells (previously installed and newly installed);
2. developing a plan for spill responders to protect dry wells from spills;
3. developing minimum design and siting criteria for new dry wells; and
4. items needed to develop a local regulatory process.

The meeting will focus on identifying actions needed to address the above goals.

7. *Trinity Construction Diesel/Oil Spill – John Morales*

Trinity Construction owns a yard near Lake Arrowhead that has two above ground storage diesel tanks within a secondary containment.

On March 6, 2008, the Water Board staff responded to a diesel/oil spill estimated at 25-gallons that had entered a storm drainage channel, which discharges into Cumberland Creek, a tributary to Lake Arrowhead.

Staff from the San Bernardino County Hazardous Materials (Hazmat) team, the Department of Fish and Game (DFG), and

The Water Board were on site the date of the spill. The spill occurred while fueling a construction truck. The Hazmat team installed hydrophobic absorbent booms at the entry to the channel downstream before the drainage channel enters the creek. DFG staff confirmed with Lake Arrowhead Community Services District staff that no diesel contamination entered Lake Arrowhead.

San Bernardino County Hazmat has hired a contractor to clean-up the contaminated soil and impacts to Cumberland Creek. Contaminated soil was excavated and properly disposed offsite. Water Board staff collected water and soil samples. The sample results and an incident spill report from the discharger is pending.

8. *County Sanitation District No. 14 of Los Angeles County (District No. 14), Lancaster Water Reclamation Plant, Los Angeles County – Curt Shifrer*

The status of items required by Waste Discharge Requirements and the Amended Cease and Desist Order (CDO) issued to District No. 14 on November 29, 2007 is included in a table at the end of this report.

The Amended CDO includes a final compliance date of November 1, 2010. The District has awarded two construction contracts for facilities needed to achieve final compliance, one on November 28, 2007 for four lined storage reservoirs and the other on September 26, 2007 for a tertiary treatment plant with nitrogen removal and a treatment capacity of 18 million gallons per day. The Water Board adopted requirements for these facilities at its November 2006 and March 2007 Board meetings, respectively.

The Amended CDO also includes Interim Standards requiring the District to divert specific amounts of effluent that would otherwise be discharged into Piute Ponds. Diverted effluent must be disposed and/or recycled at authorized location(s) other than Piute Ponds. From the time of the Amended CDO adoption (November 29, 2007) through January 31, 2008, the District had diverted 94 million gallons of tertiary effluent for recycling (irrigation of crops) at the Eastern Agricultural Site. The District is expected to meet the Interim Standards contained in the Amended CDO. The sources of diverted effluent are the membrane bioreactor (MBR) Treatment Plant and Antelope Valley Tertiary Treatment Plant.

Cease and Desist Order, is included at the end of this report.

9. County Sanitation District No. 20 of Los Angeles County (District No. 20), Palmdale Water Reclamation Plant, Los Angeles County - Mike Coony

Excess Nitrogen in 2007 – Requirement II.A of Amended Cease and Desist Order No. R6V-2004-0039A1 (CDO) limits the mass of nitrogen that District No. discharges below the root zone at its land discharge site. In 2007, District No. 20 discharged 91.1 tons. This is below the CDO base annual limit of 124.5 tons for 2007.

The annual limit in the amended CDO discussed in the prior paragraph is a limit that is modified based on four variables: a base annual limit, effluent quality, volume applied to trees and crops other than alfalfa and Sudan grasses, and precipitation in excess of the baseline. Excess precipitation did not occur in 2007. After factoring in the other variables, the derived annual limit for nitrogen discharges in 2007 did not change from the base annual limit of 124.5 tons.

Compliance Summary Table – A compliance summary table for the Cleanup and Abatement Order, and

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GRANT FUNDED PROJECTS MANAGED BY REGIONAL BOARD STAFF

Fund	Title	Recipient	Amount
Proposition 13	Pesticide Residues in Frogs and Amphibians Declines in the CA Cascades & Sierra Nevada	Sierra Nevada Alliance	\$190,000
Proposition 13	Palmdale Ditch Resource Management Plan and Program	Palmdale Water District	\$1,512,250
Proposition 13	Early Implementation of TMDLs in the Truckee River Watershed (Gray Creek Acquisition)	Truckee River Watershed Council	\$800,000
Proposition 13	Innovative Watershed Management and Nonpoint Source Pollution Control in the Tahoe Basin	Tahoe RCD	\$999,647
319 Nonpoint Source	Indian Creek Reservoir Freshwater Delivery	South Tahoe PUD	\$250,000
319 Nonpoint Source	Revegetation and Erosion Control for Ski Areas	Sierra Business Council	\$473,145
319 Nonpoint Source	Early Implementation of TMDLs in the Truckee River Watershed (BMP&LID workshops)	Truckee River Watershed Council	\$359,000
319 Nonpoint Source	Indian Creek Reservoir TMDL Mitigation	South Tahoe PUD	\$609,166
Proposition 40	Perazzo Meadows Acquisition and Restoration	Truckee River Watershed Council	\$2,000,000
Proposition 40	Evaluating Lake Use Practices in Sierra Nevada Watersheds and Their Impacts on Water Quality	Sierra Nevada Alliance	\$925,000
Proposition 40	Lake Tahoe Watershed Improvement Project	Tahoe RCD	\$3,003,779
Proposition 40	Polaris Creek/Wetland/SEZ Restoration for Tahoe TMDL, BMP Efficiency, Habitat Enhancement & Outreach	Tahoe RCD	\$852,958
Total of Current Projects:			\$11,974,945

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)		
Chlorine Toxicity		
II.B.1.a. – Submit a plan to achieve compliance with free residual and chlorine effluent limits	May 1, 2003	Submitted
II.B.1.b. - Begin implementation of the plan	December 1, 2003	Submitted
II.B.1.c. - Achieve full compliance	August 25, 2005	Met
Ammonia Toxicity		
II.B.2 a. – Achieve interim ammonia effluent limits	August 25, 2005	Met
II.B.2.b – Achieve final ammonia limits	When SSO goes into effect	
Abandoned Wells (Treatment Plant Site)		
II.B.3. – Submit work plan to identify and destroy abandoned wells	January 1, 2003	Submitted
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 to November 1, 2010 according to CDO
Groundwater Monitoring (Treatment Plant Site)		
II.B.5.a. - Submit workplan to install additional monitoring wells and piezometers	August 1, 2003	Submitted
II.B.5.b - Complete installation of wells, collect initial samples and submit draft report	August 1, 2004	Submitted Phase I
II.B.5.c - Submit final report that establishes if, and to what extent, percolation from unlined ponds affects groundwater and propose appropriate remediation measures	January 31, 2005	Phase I final report submitted
Annual Compliance Reports		
II.E.3. - Submit annual self monitoring report compliance and monitoring summary, including actions taken or planned to bring discharger into compliance	April 1st of each year	Submitted
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	
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	

PERFORMANCE TASK	DUE DATE	STATUS
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	
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
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	
II.E.3.b. - Submit results of calculations for determining existing water quality for Fields 13 through 20	Complete before irrigation in fields	
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	
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	
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	Submitted 16 days late
II.B.1 - Submit the final design for the proposed storage reservoirs	Before constructing the reservoirs	Submitted
II.B.2 - Submit a construction QA/QC program for the proposed storage reservoirs	Before constructing the reservoirs	Submitted
II.B.3 - Submit certification that proposed reservoirs were constructed as proposed	Before use of the reservoirs	

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PERFORMANCE TASK	DUE DATE	STATUS
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	Between December 1, 2004 and March 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 Apr 1 and Oct 31 of each year	Expected to meet
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 137 MG minus an adjustment if there is above-average rainfall.	Between Nov 29, 2007 and March 31, 2008	Expected to meet
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 Nov 1 and March 31 of each subsequent year	Expected to meet
III. – Eliminate the effluent-induced overflows from Piute Ponds to Rosamond Dry Lake	November 1, 2010	Expected to meet
V. – Submit quarterly status reports until final compliance achieved	Feb 1, May 1, Aug 1, and Nov 1 of each year	Ongoing

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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 Order R6V-2004-039, R6V-2004-0039-A1		
II. Interim Corrective Measures — Limit Excess Nitrogen at the Effluent Management Site:		
» In 2007, the limit is 124.5 tons	Feb 1, 2008	Met. District No. 20 released 91.1 tons.
» In 2008	Feb 1, 2009	
» In 2009	Feb 1, 2010	
» In 2010	Feb 1, 2011	
III. Achieve final compliance by June 18, 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. Submit quarterly status report		
» Reports must include analysis towards completing facilities		
	Feb 1, 2008	Submitted Feb 1, 2008
	May 1, 2008	
» Report must include an Excess Nitrogen statement for 2009	Aug 1, 2008	
	Nov 1, 2008	
	Feb 1, 2009	
	May 1, 2009	
» Report must include an Excess Nitrogen statement for 2010	Aug 1, 2009	
	Nov 1, 2009	
	Feb 1, 2010	
	May 1, 2010	
» Report must include an Excess Nitrogen statement for 2011	Aug 1, 2010	
	Nov 1, 2010	
	Feb 1, 2011	
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	Submitted
1.1.2 – Complete plume delineation	Aug 15, 2004	Not Completed — In progress
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	Submitted
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	Submitted
1.3.2 – Implement the proposed plan for ground water extraction	Sept 15, 2005	Not met — In progress

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PERFORMANCE TASK	DUE DATE	STATUS
and agricultural irrigation (or an equally acceptable alternative)		
Abatement		
2.1 – Submit a plan describing proposed abatement actions	March 31, 2004	Submitted
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		
	Jan 15, 2005	Submitted
	Apr 15, 2005	Submitted
	July 15, 2005	Submitted
	Oct 15, 2005	Submitted
	Jan 15, 2006	Submitted
	Apr 15, 2006	Submitted
	July 15, 2006	Submitted
	Oct 15, 2006	Submitted
	Jan 15, 2007	Submitted
	Apr 15, 2007	Submitted
	Jul 15, 2007	Submitted
	Oct 15, 2007	Submitted
	Feb 1, 2008	Submitted
	May 1, 2008	
	Aug 1, 2008	
	Nov 1 2008	
	Feb 1, 2009	
	May 1, 2009	
	Aug 1, 2009	
	Nov 1, 2009	
	Feb 1, 2010	
	May 1, 2010	
	Aug 1, 2010	
	Nov 1, 2010	
	Feb 1, 2011	
Required by Waste Discharge Requirements 6-00-57, -A01, -A02, -A03		
Provision II.B.1. – Submit Corrective Action Plan (CAP)	Jan 31, 2001	Submitted
Provision II.B.2. – Submit Effluent Disposal Plan (EDP)	Jan 31, 2001	Submitted
Provision II.B.3. – Submit Farm Management Plan (FMP)	Jan 31, 2001	Submitted
Provision II.B.4 – Implement CAP, EDP, FMP	June 14, 2003	Submitted
Provision II.B.5 – Submit reports on the status of implementing the CAP, EDP, and FMP until completed	Jan 31, 2005	Submitted
	July 31, 2005	Submitted
Provision II.F – Submit work plan and time schedule for destroying abandoned wells in Section 15	May 30, 2004	Submitted
Provision II.D – Submit a report describing leased area and alternative disposal plan	Apr 29, 2005	Submitted
Discharge Specification I.B. – Submit well destruction report Sections 14 & 16	Aug 1, 2005	Submitted
Discharge Specification I.C. – Submit revised vadose zone monitoring plan	Aug 15, 2005	Submitted
Discharge Specification I.C. – Submit report documenting vadose zone installation	Dec 15, 2005	Submitted

PERFORMANCE TASK	DUE DATE	STATUS
Discharge Specification I.C. – Submit report documenting actual vadose zone installation and testing	March 23, 2007	Submitted
Required by Board Order 6-00-57-A04 (Storage Reservoirs)		
Provision II.A.1. – Submit work plan for groundwater monitoring system	Nov 30, 2007	Submitted
Provision II.A.2. – Submit site hydrogeologic investigation report and work plan for groundwater compliance monitoring well installation	Dec 31, 2008	
Required by: Monitoring and Reporting Program 00-57-A01, -A02, -A03, -A04		
A01/II.A.1 & A02/2 – Submit a Sampling and Analysis Plan	March 31, 2004	Submitted
	June 1, 2004	Submitted
II.A.3. – Submit a Wind Speed Monitoring Plan	March 31, 2004	Submitted
I.E.4. – Report Completion of Removing Old Vadose Zone Monitoring System	Jan 1, 2006	Submitted
I.G.1. – Submit an Annual Cropping Plan	Nov 15, 2005	Submitted
	Nov 15, 2006	Submitted
	Nov 15, 2007	Submitted
	Nov 15, 2008	
	Nov 15, 2009	
	Nov 15, 2010	
I.G.2. – Submit Effluent Management Site Monitoring Report	Jan 15, 2005	Submitted
	Apr 15, 2005	Submitted
	July 15, 2005	Submitted
	Oct 15, 2005	Submitted
	Feb 1, 2006	Submitted
	May 1, 2006	Submitted
	Aug 1, 2006	Submitted
	Nov 1, 2006	Submitted
	Feb 1, 2007	Submitted
	May 1, 2007	Submitted
	Aug 1, 2007	Submitted
	Nov 1, 2007	Submitted
	Feb 1, 2008	Submitted
	May 1, 2008	
	Aug 1, 2008	
	Nov 1 2008	
	Feb 1, 2009	
	May 1, 2009	
	Aug 1, 2009	
	Nov 1, 2009	
Feb 1, 2010		
May 1, 2010		
Aug 1, 2010		
Nov 1, 2010		
Feb 1, 2011		
G.3. – Submit Recycled Water Treatment and Use Report	Monthly	Ongoing
II.B.1 – Begin submitting Monthly Reports for	Monthly	Ongoing

05-0019

PERFORMANCE TASK	DUE DATE	STATUS
(background), which will be used to establish the final cleanup standard		
Required by recent letters from the Executive Officer		
Submit Addendum to Vadose Zone Monitoring Plan (Requested on 6-24-04)	July 23, 2004	Submitted
Grant Extension Request for submitting Abatement Report Addendum (Request on 7-20-04)	Aug 2, 2004	Submitted
Provide an updated Sampling and Analysis Plan for use of Low Flow Purging (Requested on 8-6-04)	Sept 15, 2004	Submitted
Provide a Work Plan to evaluate effects on unlined oxidation pond leakage on ground water (Requested on 8-16-04)	Sept 24, 2004	Submitted
Submit Wind Speed Study Results (Requested on 5-21-04)	Oct 1, 2004	Submitted
Provide a Response to comments in the 3 rd Quarter 2004 CAO Status Report (Requested on 9-22-04)	Oct 15, 2004	Submitted
Submit Tree Farm Vadose Zone Monitoring Plan (Requested on 10-26-04)	Dec 6, 2004	Submitted
Submit Delineation Report Addendum (Requested on 11-10-04)	Dec 31, 2004	Submitted
Submit Work Plan to Investigate or Abandoned Wells (Airport only) (Requested on 12-6-04)	Jan 7, 2005	Submitted. Airports documented destruction of wells in a Nov 06 report and a July 07 report
Submit Work Plan and schedule for unlined ponds (Requested on 12-2-04)	Jan 7, 2005	Submitted
Submit time schedule to complete an Addendum to the Containment and Remediation Plan (Requested on December 28, 2004)	Jan 12, 2005	Submitted
Submit an Addendum to the Containment and Remediation Plan (Committed to by District staff on 1-21-05)	March 1, 2005	Submitted
Submit a detailed proposal to delineate the nitrate plume on Air Force Plant 42.	Apr 30, 2005	Submitted
Submit information regarding over-application of effluent to Section 15 during January to March 2005 in violation of waste discharge requirements (Requested May 27, 2005)	June 30, 2005	Submitted
Submit an assessment of whether the District expects to achieve compliance with a 12-month average total nitrogen effluent limit by November 1, 2005 for the prior 12 months (Requested May 27, 2005)	June 30, 2005	Submitted
Submit a response to Board staff comments on the Annual Cropping Plan (Requested June 13, 2005)	July 20, 2005	Submitted
Indicate if the District made no effort between September 2004 and March 2005 to gain access to Air Force Plant 42 (requested August 15, 2005)	Sept 15, 2005	Submitted
Propose a method for using both soil sample and vadose zone moisture data to establish total nitrogen concentrations in water lost by deep percolation. (Requested August 10, 2005)	Oct 21, 2005	Submitted
Submit Interim Measures and Monitoring Plan and address comments (Requested August 22, 2005)	Sept 30, 2005	Submitted
Submit technical Report describing options if Airport terminates Section 9 Lease (Requested September 6, 2005)	Oct 14, 2005	Submitted
Unauthorized Release of Secondary Treated Sewage (Requested September 7, 2005)	Oct 1, 2005	Submitted
Containment, Remediation Plan, Supplement No. 2, and	Dec 15, 2005	Submitted

05-0021

PERFORMANCE TASK	DUE DATE	STATUS
Groundwater Monitoring Plan (Requested November 18, 2005)		
Order to submit Technical Report in accordance with Section 13267 of the California Water Code (Requested December 5, 2005)	Jan 10, 2006	Submitted
Request corrected tables and text for the 2006 Annual Cropping Plan (Requested January 5, 2005)	March 1, 2006	Submitted
Request field work to begin on installing new groundwater extraction wells (Requested February 15, 2006)	March 15, 2006	Submitted
Request additional vadose zone monitoring stations be installed in Section 14 (Revised plan accepted March 24, 2006)	Dec 15, 2005	The District submitted the as-installed stations report on March 23, 2007.
Submit information describing the over application of effluent to crops above agronomic rates (Notice of Violation November 7, 2006)	Dec 15, 2006	Submitted
Complete Ammonia Volatilization Study	(none)	Submitted
Complete data objective analysis to justify groundwater monitoring locations and depths (June 20, 2007 letter that conditionally approved installation of new monitoring wells).	July 20, 2007	Submitted

05-0022

ENCLOSURE 3

Notification of Spills (Unauthorized Waste Discharges)

05-0023



EO'S Monthly Report
2/16/08 - 3/15/08
Unauthorized Waste Discharges

COUNTY: KERN

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
US Borax Inc / Boron Mine Facility	Mine Facility	<input type="checkbox"/> S <input checked="" type="checkbox"/> Y	<input type="checkbox"/> Y	Sodium Sulfate Liquid	2/20/2008	100,000 gal	Liquid overflowed the storage tank's secondary containment system to soil. Liquid contains 85 ppm arsenic.	Soil	The discharger vacuumed standing liquid. The discharger investigated tank failure to complete repairs. Contaminated soil was removed and verification samples were collected. Cleanup complete.

COUNTY: LOS ANGELES

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
County of Los Angeles / City of Lancaster Collection System	Ivesbrook St and Beech Ave	<input type="checkbox"/> S <input checked="" type="checkbox"/> Y	<input type="checkbox"/> Y	Raw sewage	2/20/2008	1,200 gal	Construction debris blocked the line and caused overflow. Sewage flowed along curb into a submerged storm drain at I St and Beech Ave during rain storm.	Storm drain	Cleanup complete. No further action recommended.

COUNTY: MONO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Michael Thefman / Bonzana BE36 Turbocharge No. 234 MT	30 ft from a creek tributary to Crowley Lake.	<input type="checkbox"/> S <input checked="" type="checkbox"/> N	<input type="checkbox"/> N	Low-lead aviation fuel	3/2/2008	65 gal	During take off a private plane lost power and crashed, crumpling the fuel tank. Ground was covered with snow.	Snow covered ground 30 yds from creek	DFG oversaw cleanup. Plane was removed by helicopter. A Hazmat company was hired and cleaned the contaminated soil. The soil removed by hand crews and taken to Bishop Sunland Landfill. No further action recommended.

05-002

COUNTY: SAN BERNARDINO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
San Bernardino Co WMD / Heaps Peak SWDS Post Closure	San Bernardino Mountains, 5 miles north of Running Springs	<input type="checkbox"/> S	<input type="checkbox"/> Y	Leachate	2/21/2008	20,000 gal	Due to stormwater volumes, liquid leachate overflowed Baker tanks and onto land on top deck of Landfill. Site is within capture zone of Leachate Collection system.	Ground	Transport Company refused to make site visit to remove because of unsafe road conditions during storm. Arrangements made with another company to pump out tanks. Staff told Discharger to evaluate impact to water quality and make improvements to containment system. Staff is evaluating spill report. Further action pending review of the spill report.
San Bernardino Co CSA 79 / CSA 79 Collection System	Hwy 18, 1/4 mi east of Green Valley Lake Rd.	<input type="checkbox"/> S	<input type="checkbox"/> Y	Raw sewage	2/26/2008	5,000 gal	Roots and construction debris in main line caused raw sewage to overflow a manhole and discharge to surface water.	Tributary to Deep Creek	The discharger contained the spill and began pumping from the manhole. Sewer cleaned. Spill cleanup complete. No further action recommended.
Victor Valley WWRRA / Victor Valley Muni WTP	Treatment plant headworks area.	<input type="checkbox"/> S	<input type="checkbox"/> Y	Raw sewage	2/27/2008	2,250 gal	During a planned bypass of the headworks to replace the influent flow meter, a portable pump seal leaked 2250 gal to the ground surface. Some wastewater spilled into dirt areas and percolated into the soil.	Ground and impervious surface	Wastewater that collected on asphalt was removed using a Vacor truck. Dirt area was sprinkled with powdered HTH. The seal on the portable pump was repaired. Further action pending review of the spill report.
BNSF / Barstow Yard	200 North Ave H Barstow CA	<input type="checkbox"/> S	<input type="checkbox"/> N	Diesel	3/3/2008	200 gal	A locomotive with five cars derailed when it attempted to switch railroad lines. The derailment caused the locomotive to lose fuel from its tanks and the side of another rail car.	Unpaved surface	Following the stabilization of adjacent car and equipment, BNSF contractor excavated contaminated soil. The impacted soil was transported to recycling facility for treatment. The excavation was backfilled with clean, native material. No further action is recommended.

05-0025

COUNTY: SAN BERNARDINO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Trinity Construction / Lake Arrowhead Yard	Next to Hwy 173 150 ft s/o of Hook Cr Rd	<input type="checkbox"/> S <input type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	Diesel fuel/oil	3/6/2008	25 gal	A diesel fuel/oil storage tank leaked diesel fuel/oil fluid. The fluid flowed into Cumberland Creek, a tributary to Lake Arrowhead. Water Board staff notified Curtis Brundage of San Bernardino Co fire at 11:20 am; the County sent someone to the site. Water Board staff notified OES, OES#08-1867.	Cumberland Creek	Staff from the San Bernardino County Haz-mat team, Department of Fish and Game, and the Laho Water Board staff attended to the spill. The County Haz-mat team installed hydrophobic absorbent booms. Department of Fish and Game determined that no diesel contamination entered Lake Arrowhead. The contaminated area has been removed from the site. Water Board staff collected samples. Soil and water sample including an incident spill report are all pending. Water Board staff continues investigating the cause and amount of the spill in conjunction with other agencies
Helendale CSD / Helendale Silverlakes STP	Sludge drying beds at treatment plant	<input type="checkbox"/> S <input type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/>	Digested sludge	3/12/2008	~ 500 gal	The discharger overfilled the sludge drying beds when "wasting" from the digester. About 500 gal overfilled; < 100 gallons spilled to dirt and the balance (~400 gal) spilled to paved roadway. The spill location has no public contact.	Pavement and ground	Discharger used a vacuumed truck to suck up waste from dirt and pavement. The discharger decanted the vacuumed material into the headworks, and hauled the residual sand to the landfill. No further action recommended.

05-0026

ENCLOSURE 4

Notification of Closure of Underground Storage Tank Cases

05-0027

CASE CLOSURE REPORT

April 2008

State of California
 Lahontan Regional Water Quality Control Board

Date Closure Issued	Site Name	Site Address	Case Number	Case Type	Remaining Groundwater Concentrations above Water Quality Objectives (in ug/L)	Remaining Soil Concentrations (in mg/Kg)	Distance from Site to Nearest Receptor	Remedial Methods Used
No closures issued from February 16 - March 15								

Notes:
 TPHd = Total petroleum hydrocarbons quantified as diesel
 TPHg = Total petroleum hydrocarbons quantified as gasoline
 TRPH- Total Recoverable Petroleum Hydrocarbons
 NS-Not sampled

05-0028

