

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

**MEETING OF NOVEMBER 28-29, 2007
Barstow/Lancaster**

ITEM: 9

SUBJECT: EXECUTIVE OFFICER'S REPORT

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

- Enclosure 1: Report on Status of Standing Items
(November 2007)
- Enclosure 2: Executive Officer's Written Report
(November 2007)
- 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)

ENCLOSURE 1

Report on Status of Standing Items (November 2007)

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

REPORT ON STATUS OF STANDING ITEMS

November 2007

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	Monthly	Item 12 of November 2007 EO Report
County Sanitation Districts of Los Angeles - District No. 20	Monthly	Item 11 of November 2007 EO Report
Wetland Restoration Progress in Mono County	Annually	Item 3 of November 2007 EO Report
Caltrans Statewide General Permit/Tahoe Basin	Annually	Normally done in November postponed to March 2008 Board Meeting
Status of Basin Plan Amendments	Semi-Annual	Due April 2008 Board Meeting
Status of Grants	Semi-Annual	Due April 2008 Board Meeting
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
Tahoe Municipal Permit	Annually	Due June 2008 Board Meeting

Frequency	Board Meeting Month
<i>Quarterly</i>	January, April, July, & October.
<i>Bi-Monthly</i>	Varied
<i>Semi-Annual</i>	March & September
<i>Annually</i>	Varied

ENCLOSURE 2

Executive Officer's Written Report (November 2007)

09-0004



EXECUTIVE OFFICER'S REPORT

November 2007

NORTH BASIN

1. Water Boards All Cleanup Programs Roundtable – “Sharing What Works”
– Richard Booth and Cindi Mitton

The State Water Resources Control Board, in cooperation with the Regional Boards, held a three-day Roundtable in San Diego on September 4, 5, and 6 for staff that work in cleanup programs. Water Board cleanup programs include Land Disposal, Department of Defense, Site Cleanup (formerly SLIC), and UST Programs. Most of the Lahontan staff working in these cleanup programs attended the Roundtable. Over 240 Water Board staff attended state-wide.

The Water Board has taken on more responsibility for evaluating and remediating environmental threats to human health and the environment, including such exposure pathways as indoor air inhalation of contaminants that volatilize from contaminated soil or groundwater. The Roundtable was highly successful because it provided cleanup process tools to ensure that Water Board staff addresses all exposure pathways. Attendees shared aspects of successful cleanup cases from various regions.

The quality and content of the presentations, panel discussions, and poster sessions (all prepared and presented by Water Board staff) were excellent. Topics covered site

investigation, risk assessment, management of site cleanup, public participation, the latest useful investigation techniques, Brownfields issues, legal framework, and enforcement tools.

2. Statewide Watershed Forum – Cindy Wise

Staff joined over 200 attendees at the Statewide Watershed Forum on September 20. At the Forum, the CA Resources Agency Secretary, Mike Chrisman, announced a plan to create a statewide watershed program with its purpose to develop partnerships to support community-based watershed stewardship. This statewide program will be housed in the Department of Conservation (DOC) of the Resources Agency but will coordinate closely with other watershed management activities in Resources and Cal EPA organizations. Discussion at the Forum included a retrospective summary of accomplishments in watershed management since the first Forum in 2000. These accomplishments included forming the California Watershed Network, Watershed Education Day in the Legislature, bi-annual Statewide Watershed Forums, the Governor's declaration of May as the State's Watershed Awareness Month, and providing watershed financial support (for both planning and restoration) in two

of the last four state water bonds. DOC staff working in the new statewide program will meet with Water Board watershed management staff in late November to discuss future coordination.

3. Status of Wetland Restoration Efforts in Mono County – Cindy Wise

Beginning in 1999, the Board requested from staff an annual status report on wetland restoration efforts in Mono County. The first report from staff noted that, between 1997 and 1999, the estimated amount of wetland impacts from construction of single-family homes (approximately 1.65 acres from construction of 24 residences) appeared to be offset by wetland restoration activities in that same two year timeframe, including the purchase of a 180-acre parcel with jurisdictional wetlands, and the purchase, or pending purchase, of other parcels for the creation of "oxbow" wetlands and riparian floodplain. Since then, staff has been coordinating with Mono County to develop a wetland tracking system as part of its watershed planning efforts. In 2003, staff helped the County to secure about \$400,000 in grant funding for watershed planning. These watershed planning projects were completed in April 2007. Watershed assessments and plans were completed for the West Walker River, Upper Owens River and Mono Lake watersheds. These plans included summaries of wetland and riparian resources, described risks to these resources, described restoration efforts and identified possible wetlands mitigation bank sites. The plans include main elements that would be needed to track wetland restoration efforts, but did not include an actual tracking system. Staff has requested that Mono County update its 1999 estimate of the amount of wetland impacts from construction of single-family homes that has been offset

by wetland restoration. Once this update is received, staff will evaluate it and coordinate with the County to determine what additional elements may be needed to better track wetland restoration efforts.

4. Update on Program Activity in Statewide Storm Water Permitting – Alan Miller

The State Water Board and the Regional Water Boards jointly implement the federal Clean Water Act's National Pollutant Discharge Elimination System (NPDES) of permits, including requirements applicable to discharges of storm water from designated municipalities and eleven categories of industry. The State and Regional Water Boards, with oversight from the U.S. Environmental Protection Agency, regulate pollutant discharges in storm water by adopting waste discharge requirements that serve as NPDES permits. For the purposes of the Storm Water Program, the California Dept. of Transportation (Caltrans) is considered to be a municipal discharger, and construction activity is a major category of industry.

The State Water Board has adopted a variety of general NPDES permits with statewide applicability for regulating storm water discharges. In areas such as Lake Tahoe, the Regional Water Board can adopt, and has adopted, individual NPDES permits or region-specific general NPDES permits. All NPDES permits are subject to being reissued on a five-year schedule to incorporate updated requirements; by law, the NPDES permit expires five years after adoption unless the permit is reissued or administratively continued pending reissuance.

The State Water Board is currently in the process of reissuing several significant general NPDES storm water permits that are beyond the five-year renewal requirement. The Regional Water Boards participate in the reissuance process by providing informal and/or formal comments to the State Water Board and its staff, and by coordination meetings of the Storm Water Program managers from the State and Regional Water Boards. In the cases described here, the general NPDES permits have been administratively continued. The following represent expired permits that the State Water Board is in the process of renewing:

- Water Quality Order No. 97-03-DWQ, NPDES General Permit No. CAS000001, *Waste Discharge Requirements For Discharges Of Storm Water Associated With Industrial Activities Excluding Construction Activities* (General Industrial Permit)

The General Industrial Permit was issued April 17, 1997. In early 2005, the State Water Board held public hearings on, and prepared and circulated for public review, a proposed revised General Industrial Permit. The review was accompanied by significant controversy and the State Water Board has not reissued the permit. Work to complete the reissuance of CAS000001 is anticipated after CAS000002 and CAS000003 are reissued (see below).

- Water Quality Order No. 99-08-DWQ, NPDES General Permit No. CAS000002, *Waste Discharge Requirements For Discharges Of Storm Water Runoff Associated With Construction Activity* (General Construction Permit)

The General Construction Permit was issued August 19, 1999. In 2007, the State Water Board held a series of scoping meetings and subsequent focus meetings by staff to obtain input for developing a revised permit. A draft permit for public release is expected in December 2007 or soon thereafter. Reissuance will follow public hearings on the matter.

- Water Quality Order No. 99-06-DWQ, NPDES No. CAS000003, *Statewide Storm Water Permit And Waste Discharge Requirements For The State Of California, Department Of Transportation (General Caltrans Permit)*

The General Caltrans Permit was issued August 19, 1999. As a requirement of the permit, Caltrans prepared a Storm Water Management Plan (SWMP) that describes the program it will conduct to comply. The State and Regional Water Boards have been engaged in negotiations with Caltrans since 2004 concerning the permit reissuance. In 2007, Caltrans provided a revised SWMP, and stated its intention to implement the revised SWMP, without opportunity for input from the State Water Board or the public. Since that time, the State Water Board has circulated the revised 2007 SWMP for public comments (due by late November 2007). Concurrently, the State Water Board is preparing a revised General Caltrans Permit that it expects to release for public comment in early December 2007.

In addition to the work on expired NPDES permits, on April 30, 2003, the State Water Board issued the following permit for municipalities with populations greater than 50,000, and less than 100,000, and others as designated by the Regional Water Boards:

- Water Quality Order No. 2003-0005-DWQ, NPDES General Permit No. CAS000004, Waste Discharge Requirements For Storm Water Discharges From Small Municipal Separate Storm Sewer Systems (General Municipal Permit)

The General Municipal Permit affects municipal entities required to obtain NPDES permits under "Phase II" of the federal rule for storm water, including a number of communities in the Lahontan Region. In preparing to develop a statewide Policy for the Implementation of the Storm Water Program, the State Water Board storm water staff conducted three listening sessions in January 2005. Staff heard stakeholder concerns with the existing storm water program, and gathered input on how to address the concerns. Approximately 250 people attended the statewide listening sessions, fifty people spoke, and staff received twenty written comment letters. The State Water Board also commissioned a study of the feasibility of incorporating effluent limits for certain pollutants in storm water permits, and found that is generally infeasible. The General Municipal Permit will expire on April 30, 2008. State Water Board staff is beginning the reissuance process, in anticipation of the expiration date and significant controversy surrounding this process.

Many of the existing water quality problems in the Lahontan region are associated with storm water discharges. The State Water Board's storm water permit reissuance backlog is significant. Due to the large amount of ongoing and planned permitting work in the Storm Water Program, the Lahontan Water Board staff has been challenged to participate in the reissuance process as mentioned above. In the Lahontan Region, approximately 2.5 personnel years are authorized annually to oversee

existing and new permittees and administer the regional Storm Water Program. Existing staff is working to make sure our concerns are addressed in the State Water Board permit renewal processes to the extent that existing staffing and other priorities allow.

Additional information on the state's Storm Water Program is available at the following internet address, <http://www.waterboards.ca.gov/stormwtr/index.html>.

SOUTH BASIN

5. Former George Air Force Base (GAFB) "Green" Redevelopment Encouraged – Jehiel Cass

The City of Victorville, working with Stirling Enterprises, is implementing plans for re-development at the Southern California Logistics Airport (former George Air Force Base). The Water Board, U.S. EPA and Air Force staff meet periodically with the City of Victorville, Stirling staff and their consultants to discuss redevelopment plans that may impact Air Force cleanup projects. In October, a meeting was held to specifically discuss measures that may be used incorporating "green" or "sustainable" principles into the long term development plan to reduce energy consumption and protect the environment. U.S. EPA staff provided information on certification programs for energy efficient buildings and case studies of methods to reduce air emissions from idling truck and rail traffic.

The goal of this meeting was to encourage the City of Victorville to have a development policy for the former GAFB that encourages water conservation, solid waste reduction, improved air and water quality, protection of the ecosystem and enhanced biodiversity, mitigation of the urban "heat island" effect, and mitigates stormwater runoff impacts to the Mojave River.

Stirling Enterprises described that although it is incorporating energy efficient building designs, it is difficult to re-coup costs and the benefit is primarily as a marketing strategy. Water Board staff will attend a follow-up meeting to discuss project-specific stormwater best management practices to protect the Mojave River riparian corridor.

6. Lake Arrowhead Golf Course Recycled Water Project – Doug Feay

In September Water Board staff Scott Ferguson and Douglas Feay inspected the Lake Arrowhead Golf Course with staff from the Department of Health Services and golf course personnel. The Lake Arrowhead Country Club is installing its system to use recycled water for golf course irrigation. The purpose of the inspection was to examine the golf course layout and evaluate the layout with respect to the placement of the recycled watering application system. The golf course stormwater collection and drainage system was also viewed during the field inspection.

The Country Club proposed to protect the existing domestic supply wells on site by irrigating a fifty foot area around domestic wells with non-recycled water. Surface water drainages and the stormwater drainage system were also inspected for information on the flow of stormwater with respect to recycled water application. Surface water and stormwater drains to Grass Valley Lake. The Country Club proposes to place sprinklers in such a way as to avoid incidental recycled water runoff into the stormwater drainage system. With these measures, incidental runoff and water quality impacts from the application of recycled water to the golf course will be minimized.

7. Hot Creek Hatchery Stressor Identification Final Report – Mary Dellavalle

Its NPDES Permit requires the Department of Fish and Game (DFG) to conduct annual benthic aquatic macro invertebrate bioassessment monitoring above and below Hot Creek Hatchery. Results of the monitoring indicate there is

an impairment of warm freshwater habitat beneficial uses in the receiving waters below the hatchery. The impairment is a violation of the Lahontan Basin Plan and the narrative surface water limitation in the NPDES permit that prohibits a degradation of aquatic organisms. In response, the Water Board required DFG to determine the causes of the impairment, which DFG did in its *Hot Creek Hatchery Stressor Identification Final Report*.

The Report concludes that the degradation of aquatic assemblages downstream of the hatchery was partially the result of natural conditions and partially the result of hatchery operations. The natural conditions that contributed to the degradation of downstream aquatic communities included naturally high mineral content of the source spring water, and the geomorphology of the channels. The sources of stress on aquatic assemblages from hatchery operations include: unmaintained settling ponds, discharge of hatchery metabolic wastes, and possibly discharges of total suspended solids.

The Report recommends: (1) the development and implementation of a Best Management Practices (BMP) plan for sedimentation pond maintenance and solids removal, (2) collection of additional water quality data to assess organic load to Hot Creek and Mammoth Creek and, (3) continued monitoring to evaluate the effectiveness of the BMP plan.

Water Board staff requested and has received a work plan for implementation of the recommendations. Staff is reviewing the work plan and will provide comments to DFG.

8. Southern California Fires – Douglas Feay

Lahontan Water Board staff for the second time in four months, is

participating in a Debris Removal Multi Agency Coordination (MAC) team as part of Cal EPA's response efforts to support local government after the Southern California fires. San Bernardino County has been meeting with state and federal agencies to resolve reimbursement issues and establish cleanup dates for removal of ash debris. San Bernardino County has chosen to use the Angora Fire Plan as a debris removal model. Staff will be working with the MAC teams over the next weeks regarding debris removal and erosion control for fire affected areas in the San Bernardino Mountains.

9. Results of September 2007 Residential Well Sampling in Barstow – Joe Koutsky

The City of Barstow has completed its 3rd Quarter 2007 private domestic well sampling of residences in the Barstow Soapmine Road neighborhood as required by Cleanup and Abatement Order No. R6V-2007-0017 (CAO) issued to the City of Barstow on May 25, 2007. The residences are located north of the Mojave River and east of Interstate 15 within the city limits of Barstow. Forty private drinking water wells were sampled between September 17 through 19, 2007.

The CAO requires the City of Barstow to provide uninterrupted replacement water to residences in the Soapmine Road area where groundwater concentrations of nitrate (as N) are equal to, or higher than, 5 milligrams per liter (mg/L). On May 26, 2007, the City of Barstow began providing bottled water to 23 of 40 residences. Bottled water has been provided to twenty-one residences which exhibited nitrate (as N) concentrations exceeding 5 mg/L; two additional residences were provided water as a precautionary measure.

The results of the 3rd Quarter 2007 private domestic well sampling event indicates that nitrate (as N) concentrations range from 0.37 mg/L to 15 mg/L. Of the

40 wells sampled, 18 wells exhibited nitrate (as N) concentrations exceeding 5 mg/L. The City is continuing to develop a plan to further delineate the extent of the plume of groundwater that contains high nitrate concentrations.

10. City of Barstow Wastewater Treatment Facility Break-In – Joe Koutsky

On November 1, 2007, the City of Barstow (City) reported that the control building of the Barstow Wastewater Treatment Facility (WWTF) had been burgled during the night. All of the components of the computer system for the automatic operation of the plant were stolen. The WWTF is operated by an automatic system run by the computers. Aquarion operators manually operated the plant around the clock until Tuesday, November 6, 2007, when the hardware and software for a replacement of the automated system was installed and operational.

Upon discovery of the burglary, the plant operator inspected the facility and the plant operations and found that there were no spills or distinguishable operational upsets while the system was out; none occurred while under the manual operation; and the City was able to maintain the wastewater collection system without any service disruption. The WWTF has a plan for manual operations, and those operations worked well during this unfortunate event. The City plans on providing a report of the incident to the Water Board by November 9, 2007.

On Monday, November 5, 2007, the Barstow City Council voted to place City Manager, Hector Rodriguez on paid administrative leave. In the interim, Ron Rector, city economic development director, will serve as acting City Manager.

Hector Rodriguez has been the Water Board staff's point of contact for the ongoing enforcement actions taken against the City. The City staff has contacted Water Board staff and has assured us that there will be no disruption to the compliance schedules contained in the enforcement orders.

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

The waste discharge requirements for the storage reservoirs requires District No. 20 to submit a work plan for the storage reservoir groundwater monitoring system by November 30, 2007. District No. 20 is advertising a request for proposals to develop the storage reservoir groundwater monitoring system.

I approved the plan to install eight additional groundwater monitoring wells on June 20, 2007. District No. 20 awarded the well installation contract in late October, 2007. However, completion of well installation may be delayed from January 18, 2008 to March 31, 2008 because of additional time needed to obtain approval for access from the U.S. Department of Defense and the City of Los Angeles.

A compliance summary table for the Clean Up and Abatement Order, and Cease and Desist Order, is included at the end of this report.

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

In December 2006, District No. 14 began conveying tertiary treated wastewater to the Eastern Agricultural Site for recycling (irrigation of crops). The source of treated wastewater is the existing Antelope Valley Tertiary Treatment Plant and the newly

constructed Membrane Biological Reactor treatment plant completed in January 2007. As of September 30, 2007, a total of 190 million gallons of treated wastewater was diverted to the Eastern Agricultural Site for recycling and not discharged to Piute Ponds.

District No. 14 initiated the bidding process for construction of lined storage reservoirs and expects to award a contract by November 28, 2007. On September 26, 2007, a contract was awarded for constructing the 18 mgd tertiary treatment plant with nitrogen removal. The Board adopted requirements for the reservoirs at its November 2006 meeting. At the March 2007 Board meeting, the Board adopted requirements for the treatment plant.

The status of items required by Waste Discharge Requirements and the 2004 Cease and Desist Order (CDO) issued to District No. 14 is included in a table at the end of this report.

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 (District only)		
Interim Plant Improvements		
I.A. – Limit total effluent nitrogen to 28 mg/L	November 1, 2004 – October 31, 2005 (running 12-month average thereafter) Oct 1, 2006 – Sep 30, 2007	Not met. Total N = 39 mg/L 32.5 mg/L
Limit Nitrogen		
I.B. – In 2004, limit land spreading excess nitrogen to 188 tons	December 31, 2004	Not met Land spread: 215 tons
I.C. – In 2005, limit land spreading excess nitrogen to 99 tons	December 31, 2005	Not met District land spread: 110 tons.
I.D. – In 2006, limit land spreading excess nitrogen to 80 tons	December 31, 2006	Met Land spread: 27 tons.
I.E. – In 2007, limit land spreading excess nitrogen to 80 tons	December 31, 2007	Land Spread: 13 tons (Jan to Sep)
I.F. – In 2008, limit land spreading excess nitrogen to 78 tons	December 31, 2008	
I.G. – Cease discharges of nitrogen to groundwater that create a condition of pollution	October 15, 2008	
Complete New Facilities		
II. – Complete facilities to remain in compliance	November 15, 2009	May 10, 2010
Reporting		
IV.A. - Submit quarterly status reports	January 15, 2005	Submitted
	April 15, 2005	Submitted
	July 15, 2005	Submitted
	October 15, 2005	Submitted
	January 15, 2006	Submitted
	April 15, 2006	Submitted
	July 15, 2006	Submitted
	October 15, 2006	Submitted
	January 15, 2007	Submitted
	April 15, 2007	Submitted
	July 15, 2007	Submitted
October 15, 2007	Submitted	

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PERFORMANCE TASK	DUE DATE	STATUS
IV.B. – Submit Feasibility Study Report evaluating measures to eliminate land spreading by October 15, 2007	April 1, 2005	Submitted
Required by Cleanup and Abatement Order R6V 2003-056		
(District and Airport)		
Plume Delineation		
1.1.1 – Submit a plan to delineate the nitrate plume to background levels	February 16, 2004	Submitted
1.1.2 – Complete plume delineation	August 15, 2004	Not Complete 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	September 15, 2004	Submitted
1.2.3 – Achieve plume containment	September 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	September 15, 2004	Submitted
1.3.2 – Implement the proposed plan for ground water extraction and agricultural irrigation (or an equally acceptable alternative)	September 15, 2005	Not met In progress
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	January 15, 2005	Submitted
	April 15, 2005	Submitted
	July 15, 2005	Submitted
	October 15, 2005	Submitted
	January 15, 2006	Submitted
	April 15, 2006	Submitted
	July 15, 2006	Submitted
	October 15, 2006	Submitted
	January 15, 2007	Submitted
	April 15, 2007	Submitted
July 15, 2007	Submitted	
October 15, 2007	Submitted	
Required by: Waste Discharge Requirements 6-00-57		
Board Order 6-00-57-A01		
Board Order 6-00-57-A02		
Board Order 6-00-57-A03		
District Only		
Provision II.B.1. – Submit Corrective Action Plan (CAP)	January 31, 2001	Submitted
Provision II.B.2. – Submit Effluent Disposal Plan (EDP)	January 31, 2001	Submitted

PERFORMANCE TASK	DUE DATE	STATUS
Provision II.B.3. – Submit Farm Management Plan (FMP).	January 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	January 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	April 29, 2005	Submitted
Discharge Specification I.B. – Submit well destruction report Sections 14 & 16	August 1, 2005	Submitted
Discharge Specification I.C. – Submit revised vadose zone monitoring plan	August 15, 2005	Submitted
Discharge Specification I.C. – Submit report documenting vadose zone installation	December 15, 2005	Submitted
Discharge Specification I.C. – Submit report documenting actual vadose zone installation and testing	March 23, 2007	Submitted
Board Order 6-00-57-A04 (Storage Reservoirs)		
Provision II.A.1. – Submit work plan for groundwater monitoring system	November 30, 2007	
Provision II.A.2. – Submit site hydrogeologic investigation report and work plan for groundwater compliance monitoring well installation	December 31, 2008	
Required by: Monitoring and Reporting Program 00-57-A01		
Monitoring and Reporting Program 00-57-A02		
Monitoring and Reporting Program 00-57-A03		
Monitoring and Reporting Program 00-57-A04		
(District only)		
Sampling and Analysis Plan		
A01/II.A.1 & A02/2 – Submit a Sampling and Analysis Plan	March 31, 2004	Submitted
	June 1, 2004	Submitted
Wind Speed Monitoring		
II.A.3. – Submit a Wind Speed Monitoring Plan	March 31, 2004	Submitted
Final Report		
I.E.4. – Report Completion of removing old vadose zone monitoring system	January 1, 2006	Submitted
Annual Report		
I.G.1. – Submit an Annual Cropping Plan	November 15, 2005	Submitted
	November 15, 2006	Submitted
	November 15, 2007	
Quarterly Report		
I.G.2. – Effluent Management Site Monitoring Report	January 15, 2005	Submitted
	April 15, 2005	Submitted
	July 15, 2005	Submitted
	October 15, 2005	Submitted
	February 1, 2006	Submitted
	May 1, 2006	Submitted
	August 1, 2006	Submitted
	November 1, 2006	Submitted

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PERFORMANCE TASK	DUE DATE	STATUS
	February 1, 2007	Submitted
	May 1, 2007	Submitted
	August 1, 2007	Submitted
	November 1, 2007	Submitted
Monthly Report		
G.3. – Recycled Water Treatment and Use Report	Monthly	Ongoing
Monthly Report		
II.B.1 – Begin submitting Monthly reports for	Monthly – 30 days following	Ongoing
- Facility Influent Monitoring		
- Facility Effluent Monitoring		
- Operation and Maintenance		
- Biosolids Disposal		
Quarterly Report		
II.B.2 – Begin submitting Quarterly reports for	February 1, 2005	Submitted
- Groundwater Monitoring	May 1, 2005	Submitted
- Vadose Zone Monitoring	August 1, 2005	Submitted
- Effluent Management Site Monitoring	November 1, 2005	Submitted
- Effluent Management Site Operations	February 1, 2006	Submitted
- Chemical Use Monitoring	May 1, 2006	Submitted
	August 1, 2006	Submitted
	November 1, 2006	Submitted
	February 1, 2007	Submitted
	May 1, 2007	Submitted
	August 1, 2007	Submitted
	November 1, 2007	Submitted
Annual Report		
II.B.3. – Begin submitting Annual reports for	March 1, 2005	Submitted
- Operations & Compliance Summary	March 1, 2006	Submitted
- Certified Operator status	March 1, 2007	Submitted
- Health and Safety Compliance	March 1, 2008	
- Chemical Use Monitoring	March 1, 2009	
- Federal Biosolids Report		
Required by Resolution No. R6V-2005-0010 (District only)		
Cleanup Standards		
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	April 13, 2006	Submitted
Required by recent letters from the Executive Officer (District and/or Airport)		
Submit Addendum to Vadose Zone Monitoring Plan (Requested on 6-24-04)	July 23, 2004	Submitted

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PERFORMANCE TASK	DUE DATE	STATUS
Grant Extension Request for submitting Abatement Report Addendum (Request on 7-20-04)	August 2, 2004	Submitted
Provide an updated Sampling and Analysis Plan for use of Low Flow Purging (Requested on 8-6-04)	September 15, 2004	Submitted
Provide a Work Plan to evaluate effects on unlined oxidation pond leakage on ground water (Requested on 8-16-04)	September 24, 2004	Submitted
Submit Wind Speed Study Results (Requested on 5-21-04)	October 1, 2004	Submitted
Provide a Response to comments in the 3 rd Quarter 2004 CAO Status Report (Requested on 9-22-04)	October 15, 2004	Submitted
Submit Tree Farm Vadose Zone Monitoring Plan (Requested on 10-26-04)	December 6, 2004	Submitted
Submit Delineation Report Addendum (Requested on 11-10-04)	December 31, 2004	Submitted
Submit Work Plan to Investigate or Abandoned Wells (Airport only) (Requested on 12-6-04)	January 7, 2005	Submitted. Airports documented destruction of wells in a Nov 06 report
Submit Work Plan and schedule for unlined ponds (Requested on 12-2-04)	January 7, 2005	Submitted
Submit time schedule to complete an Addendum to the Containment and Remediation Plan (Requested on December 28, 2004)	January 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.	April 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)	September 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)	October 21, 2005	Submitted
Submit Interim Measures and Monitoring Plan and address comments (Requested August 22, 2005)	September 30, 2005	Submitted

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PERFORMANCE TASK	DUE DATE	STATUS
Submit technical Report describing options if Airport terminates Section 9 Lease (Requested September 6, 2005)	October 14, 2005	Submitted
Unauthorized Release of Secondary Treated Sewage (Requested September 7, 2005)	October 1, 2005	Submitted
Containment, Remediation Plan, Supplement No. 2, and Groundwater Monitoring Plan (Requested November 18, 2005)	December 15, 2005	Submitted
Order to submit Technical Report in accordance with Section 13267 of the California Water Code (Requested December 5, 2005)	January 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)	December 15, 2005	The District submitted the as-installed stations report on March 23, 2007. Water Board staff has prepared a MRP revision reflecting these stations
Submit information describing the overapplication of effluent to crops above agronomic rates (Notice of Violation November 7, 2006)	December 15, 2006	Submitted
Complete Ammonia Volatilization Study		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

SCHEDULE OF TASKS		
<u>Lancaster Water Reclamation Plant (LWRP)</u>		
<u>County Sanitation District No. 14 of Los Angeles County (District)</u>		
PERFORMANCE TASK	DUE DATE	STATUS
Required by: Waste Discharge Requirements		
Board Order R6V 2002-053		
Board Order R6V 2002-053A1		
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	Upon SSO adoption/revision	
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 Paiute Ponds to Rosamond Dry Lake	August 25, 2005	Extended to October 1, 2008 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 2002-053A3		
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	

09-0020

PERFORMANCE TASK	DUE DATE	STATUS
Required by: Cease and Desist Order R6V-2004-0038		
I.A. – Divert 24 MG of effluent and discharge to an alternative legal disposal point (e.g., Apollo Park) other than Paiute Ponds	Between December 1, 2004 and March 31, 2005	Less than 24 MG diverted
I.B. – Divert 150 MG of effluent and discharge to an alternative legal disposal point (e.g., Eastern Agricultural Site) other than Paiute Ponds	Beginning November 1, 2005, between November 1 and March 31, and annually thereafter until final compliance	05/06: Not met - no diversion. 06/07: Partially met.
I.B.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	June 14, 2005	Not met. RWD complete-4/10/06
I.B.2. – Submit proposal if the Discharger chooses to implement another compliance method	June 14, 2005	N/A
I.C. – Divert 48 MG of effluent and discharge to an alternative legal disposal point (e.g., Eastern Agricultural Site) other than Paiute Ponds	Between December 1, 2005 and April 1, 2006, and annually thereafter until final compliance is achieved.	05/06: Not met - less than 48 MG diverted. 06/07: Partially met.
I.C.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	July 12, 2005	Not met. WRR Adopted 3/8/06
I.C.2. – Submit proposal if the Discharger chooses to implement another compliance method	July 12, 2005	N/A
I.D. – Divert 210 MG of effluent and discharge to an alternative legal disposal point (e.g., Eastern Agricultural Site) other than Paiute Ponds	Beginning April 1, 2006, between Apr 1 and Oct 31, and annually thereafter until final compliance	2006: No diversion. 2007: Expecting to partially meet.
I.D.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	July 12, 2005	Not met. RWD complete-4/10/06
I.D.2. – Submit proposal if the Discharger chooses to implement another compliance method	November 10, 2005	N/A
I.E. – Divert 280 MG of effluent and discharge to two permanent storage ponds for evaporative loss	Beginning Oct 1, 2006, between Oct 1 and Mar 31, and annually thereafter until final compliance	Will not meet - reservoirs will not be operational until Sept 2009
I.E.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2006	RWD complete-4/10/06
I.E.2. – Submit proposal if the Discharger chooses to implement another compliance method	May 13, 2006	N/A
I.F. – Divert 280 MG of effluent and discharge to two temporary storage ponds for evaporative loss	Beginning Oct 1, 2006, between Oct 1 and Mar 31, and annually thereafter until final compliance	Will not meet - The District is not proposing to build temporary ponds.

PERFORMANCE TASK	DUE DATE	STATUS
I.F.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2006	Not met
I.F.2. – Submit proposal if the Discharger chooses to implement another compliance method	May 13, 2006	N/A
I.G. – Divert 210 MG of effluent and discharge to two permanent storage ponds for Nebeker Ranch next summer use	Beginning Oct 1, 2006, between Oct 1 and Mar 31, and annually thereafter until final compliance	Will not meet - reservoirs will not be operational until Sept 2009
I.G.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2006	Not met
I.G.2. – Submit proposal if the Discharger chooses to implement another compliance method	May 13, 2006	N/A
I.H. – Divert 280 MG of effluent and discharge to two permanent storage ponds for evaporative loss	Beginning Oct 1, 2007, and annually thereafter until final compliance is achieved.	Will not meet - reservoirs will not be operational until Sept 2009
I.H.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2007	Submitted
I.H.2. – Submit proposal if the Discharger chooses to implement another compliance method	May 13, 2007	Submitted
Final Compliance		
II. – Eliminate the effluent-induced overflows from Paiute Ponds to Rosamond Dry Lake	October 1, 2008	Will not meet - The full tertiary plant will not be operational until Nov 2010.
II.A.2. – Submit a report of waste discharge for the new storage and disposal sites	November 30, 2004	Submitted late
Status Report		
III. – Submit quarterly status reports until final compliance achieved	Jan 15, Apr 15, July 15, and Oct 15	Ongoing
Required by letters from the Executive Officer		
Groundwater Investigation		
Information about permission from the Air Force to drill monitoring well on Rosamond Dry Lake	June 30, 2005	Permission granted
Workplan for completing Groundwater Investigation	July 15, 2005	Submitted
Final Groundwater Investigation Report	December 15, 2005	Submitted
Nitrate Investigation Report	December 15, 2005	Submitted

ENCLOSURE 3

Notification of Spills (Unauthorized Waste Discharges) (November 2007)

EO'S Monthly Report
9/16/07 - 10/15/07
Unauthorized Waste Discharges

COUNTY SAN BERNARDINO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Tom Hamm	20150 Casiano Road Oro Grande, CA	S	N	Construction Debris	9/26/2007	~10 dump trucks a day	Dump trucks are dumping loads of construction debris on river bank and river bed.	Mojave River	Staff inspected site and verbally warned owner to stop dumping material at the site. Water Boards Staff are coordinating with CADFG and San Bernardino County Code Enforcement to investigate site.

09-0024

ENCLOSURE 4

Notification of Closure of Underground Storage Tank Cases (November 2007)

CASE CLOSURE REPORT
October 2007
 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 September 16-October 15								

Notes:

TPHd = Total petroleum hydrocarbons quantified as diesel
 TPHg = Total petroleum hydrocarbons quantified as gasoline

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