



Lahontan Regional Water Quality
Control Board



EXECUTIVE OFFICER'S REPORT

December 2006

NORTH BASIN

1. *Clean Water Act Water Quality Assessment* - Judith Unsicker

In October 2006, the State Water Board adopted a statewide Clean Water Act Section 303(d) list of impaired surface waters needing Total Maximum Daily Loads (TMDLs). The list of water bodies has been submitted to the U.S. Environmental Protection Agency (USEPA), and final approval is expected by March or April 2007. Changes to the list for Lahontan Region waters in relation to the 2002 list include delisting of 29 water bodies or water body-pollutant combinations. There are also two new listings for mercury, based on fish tissue samples from the Susan River and Mammoth Creek. (In both cases, the mercury is probably from natural volcanic sources.) The State Water Board's 2006 list for the Lahontan Region includes 36 water bodies (or 43 water body segments) and 85 water body-pollutant combinations. The list is available online at: http://www.waterboards.ca.gov/tmdl/303d_lists2006.html

The 2007-2008 Section 303(d) list update process has already begun. In contrast to the 2006 process, the Regional Water Boards, instead of the State Water Board, will be responsible for assessing data, conducting public participation, and adopting recommendations for list changes. Update of the Section 303(d) list will be

combined with the Clean Water Act Section 305(b) assessment process to produce an "Integrated Report." Under Section 305(b), states assess the degree of beneficial use support in all surface water bodies, whether or not they are impaired under Section 303(d), and submit the results to the USEPA for inclusion in biennial reports to Congress.

In early December 2006, the State and Regional Water Boards sent a "solicitation letter" to the public, requesting submission of information and data for use in the next assessment process by February 28, 2007. Regional Water Board staff will review public submittals and available in-house water quality data in relation to the criteria in the State Water Board's 2004 listing/delisting policy (see http://www.waterboards.ca.gov/tmdl/303d_listing.html). The tentative schedule for the Lahontan Region's assessment process involves release of public draft recommendations and supporting documents in the summer of 2007, and Regional Water Board action in the fall. The State Water Board will prepare an Integrated Report combining all Regional Water Board recommendations for submission to the USEPA in 2008.

2. Lake Tahoe Science Plan Special Workshop – Douglas F. Smith

On October 18-20, 2006, five Water Board staff participated in the Lake Tahoe Science Plan Special Workshop hosted by the Nevada Water Resources Association. More than 200 people from various agencies, universities, and private consulting firms participated in the workshop at UC Davis' new Tahoe Environmental Resource Center building in Incline Village, Nevada.

On the first day, participants at the Science Workshop heard from six research leaders about six science plan theme areas: (1) Water Quality by Dr. John Reuter and Dr. Jim Thomas, (2) Vegetation Community Ecology by Dr. Seth Bigelow, (3) Social Science by Dr. David Halsing, (4) Soil Conservation by Dr. Wally Miller, (5) Wildlife & Fish Ecology by Dr. Lisa Crampton, and (6) Air Quality by Dr. Alan Gertler.

During the second day of the workshop, the six research leaders headed breakout sessions and received input from participants on developing that science theme area's plan for future research and monitoring needs in the Lake Tahoe basin.

At the last day of the workshop, the research leaders reported on the collected input from all the breakout sessions. The six researchers are key participants in the Tahoe Science Consortium, headed by Dr. Zach Hymanson, to focus on identifying, prioritizing, and procuring funding for the Lake Tahoe basin's research and monitoring needs. The information collected during the workshop will be used to develop a Comprehensive Science Plan for the Lake Tahoe basin. Federal and state agencies will rely on the Science Plan and theme areas as the basis for funding future science-related grant requests.

3. Resort at Squaw Creek Will Serve Application, Placer County – Tom Gavigan

On November 29, 2006, the Squaw Valley Public Services District (SVPSD) held a special Board of Directors workshop. The workshop discussed a Will Serve Application (the Application) by the Resort at Squaw Creek (the Resort) for its Phase II development. Phase II consists of the construction of approximately 221 units with 460 bedrooms. The workshop was informational; no action was taken by the SVPSD Board of Directors.

Mr. Cam Kicklighter of the Resort, along with the Resort's team of hydrologic, hydrogeologic, turf management, and CEQA consultants, presented the details of the Resort's Application. The Application the Resort submitted to the SVPSD is for a water connection permit.

The Resort believes that the construction and occupancy of Phase II has no adverse environmental impact related to water use, and, because of the actions proposed in its Application, is a benefit to Squaw Valley. The most important of the Resort's stated goals is to have "no net increase in water usage from Phase II during the critical dry peak summer months."

To accomplish this goal, the Resort proposes:

- To rollback and cap irrigation watering to approximately 47 million gallons per year. This will be monitored via telemetry by the SVPSD, and accomplished via improvements to golf course irrigation and turf management. Had this cap been in place in 2006, approximately 20 million gallons (or 60 acre-feet) of

water would not have been pumped from the aquifer. This is close to a 10 percent reduction in water use in the valley. For comparison, the municipal water use of Phase II would be approximately 6 million gallons per year.

- To dedicate well 18-3R, which produces approximately 150 gallons per minute, to the SVPSD. Well 18-3R is located on the south side of Squaw Valley meadow and could potentially be used by the SVPSD to shift some pumping away from the main well field and thus further from Squaw Creek.
- To relocate its irrigation wells 18-1 and 18-2 to the south and further from the Creek. This should lessen pumping impacts on creek flows as the existing wells are located close to Squaw Creek.
- To establish a mitigation fund that will pledge money from the sale of the units to benefit the community. This fee program will continue in perpetuity. Staff understands that these monies would be used to help with creek restoration activities and groundwater – surface water interaction studies.

Because the Resort's request proposes no net increase in water use, groundwater modeling did not show any significant impacts to the existing SVPSD production wells. The modeling suggested there might be some benefit to creek flows due to the SVPSD's potential ability to move pumping from the main well field to well 18-3R, and the Resort's relocation of its irrigation wells.

While there were numerous questions from the packed conference room at the SVPSD offices, no one recommended that the will serve request be denied.

Additionally, several members of the public complimented the Resort for its efforts to provide a thoughtful, low impact development plan.

4. Surprise Canyon Creek Outstanding National Resource Water Designation- Judith Unsicker

In October 2006, the Water Board adopted a Triennial Review priority list for future planning work, including the designation of Surprise Canyon Creek as an Outstanding National Resource Water (ONRW) under federal antidegradation regulations. Surprise Canyon Creek is a perennial creek in the Panamint Range in southern Inyo County, tributary to the ground water of Panamint Valley, that provides habitat for a number of sensitive species. Most of the watershed is federally owned and managed as wilderness. The Board directed staff to bring this matter back for action in early 2007.

The Water Board's legal counsel has since advised staff that Surprise Canyon Creek is not eligible for designation as an ONRW. As an isolated, non-navigable water body where there is no significant nexus to a navigable water of the United States, it does not meet the test used to identify "waters of the United States" in recent U.S. Supreme Court (*Rapanos v. United States* (2006) 126 S.Ct. 2208) and Ninth District Circuit Court decisions (*Northern California River Watch v. City of Healdsburg* (9th Cir. 2006) 457 F.3d 1023).

Surprise Canyon Creek and its tributary springs and wetlands are "waters of the State" pursuant to Water Code section 13050, subdivision (e) and subject to the State's water quality standards, including the Nondegradation Policy (State Water Board Resolution 68-16). Site-specific water quality objectives have not been

designated for waters of the Surprise Canyon watershed. The narrative "Water Quality Objectives Which Apply to All Surface Waters" in Basin Plan Chapter 3 apply to these waters.

Surprise Canyon Creek's currently designated beneficial uses are those applicable to the "Minor Surface Waters" category for waters of the Panamint Valley Hydrologic Area (HU No. 620.60) in Basin Plan Table 2-1. Given the documented presence of multiple sensitive species and overall ecological importance of the watershed, the Rare, Threatened, or Endangered Species (RARE) beneficial use and the Preservation of Biological Habitats of Special Significance (BIOL) beneficial use can be considered existing beneficial uses that should be protected whether or not they are formally designated.

Water Board staff are assessing what implementation and enforcement measures might be appropriate for protecting the beneficial uses of surface waters in the Surprise Canyon watershed. Staff will also be reviewing and commenting on the Bureau of Land Management's Environmental Impact Statement for Surprise Canyon when it becomes available, likely in February.

5. Mojave River Flood Maintenance Project - Tobi Tyler

San Bernardino County Flood Control District (District) submitted a Clean Water Act Section 401 certification application to conduct flood control maintenance and bank stabilization construction activities in the Mojave River. The proposed project is intended to be consistent with the Floodplain Maintenance Plan (Plan) for the Mojave River, a planning document developed by the Corps in coordination with the District, the Water Board, the U.S. Fish

and Wildlife Service, and the California Department of Fish and Game. The Plan proposes solutions to flood protection needs along 63 miles of the Mojave River while minimizing potential impacts to habitat and water quality. The District previously applied for a certification in 1997 and 2000. A certification was not issued previously because California Environment Quality Act requirements had not been met and additional requested information had not been submitted. The County adopted a mitigated Negative Declaration in July 2000. Water Board staff will be working closely with other agencies and the County Flood Control District to draft a multi-year certification to authorize channel maintenance activities on 63 miles of the Mojave River. The multi-year certification may be renewed every five years and amended at any time as new information is obtained.

6. Placer County MS4 Storm Water Management Plan and the Town of Truckee Designation as an MS4 - Dale Payne

Municipal separate storm sewer systems (MS4s) collect or convey storm water that is not combined with sewage. MS4s include road and street drainage systems, catch basins, ditches, man-made channels, or storm drains. National Pollutant Discharge Elimination System (NPDES) regulations require the State Water Board or a regional board to issue storm water permits to operators of MS4s that discharge to waters of the U.S or to another MS4 regulated by an NPDES permit. The State Water Board issued a general permit, *Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems*, for this purpose.

“Small MS4s” include those that are owned or operated by a city or county. Regulated Small MS4s are either automatically designated because they are located within an urbanized area (based on census information), or may be specifically designated by the Water Board Executive Officers in accordance with established criteria.

I designated the portions of Placer County within the Truckee River watershed as a small MS4 in July 2006. I recently granted Placer County a six-month extension (until June 30, 2007) to submit the Storm Water Management Plan (SWMP) required as a part of the NPDES General Permit designation. I granted this extension, in part, because I have also recently designated the Town of Truckee as a regulated Small MS4. The Town of Truckee is also required to produce a SWMP by June 30, 2007. I have encouraged the Town of Truckee and Placer County to coordinate in developing the required controls, outreach, and monitoring across jurisdictional lines in the watershed.

SOUTH BASIN

7. Los Angeles County Sanitation District No. 14 (LACSD 14), Lancaster Water Reclamation Plant, Los Angeles County – Kai Dunn

On November 8, 2006, the Water Board adopted Waste Discharge Requirements and Water Recycling Requirements for the proposed tertiary treated effluent storage reservoirs. The District anticipates that two storage reservoirs (first phase) will be constructed by March 2010 and the two additional storage reservoirs (second phase) will be constructed by September 2010. This schedule is longer than originally anticipated by about two years. The District is in the process of finalizing its design plans for the surface impoundments.

The District continues diverting effluent from the Antelope Valley Tertiary Treatment Plant to the Apollo Lake Regional County Park and to greenbelt landscape areas around the treatment plant. In addition, recycled water generated from the Antelope Valley Tertiary Treatment Plant will be used at Eastern Agricultural Site No.1. The Cease and Desist Order (CDO) requires the District to divert 968 million gallons of effluent between October 1, 2006 and April 1, 2007 instead of discharging this effluent to Paiute Ponds. This level of diversion was based on storage ponds being constructed by late 2006 along with 1.5 MGD tertiary effluent being disposed at the Eastern Agricultural site. During this period, the District expects to be able to divert 126 million gallons. Board staff will continue to track the total amount diverted by the end of this period in April 2007.

A table showing the status of items required by the CDO is included at the end of this report.

8. Los Angeles County Sanitation District No. 20 (LACSD 20) Palmdale Water Reclamation Plant Compliance Status – Jehiel Cass

To address data gaps in the nitrate plume delineation, District 20 submitted an October 5, 2006 Groundwater Monitoring Plan Addendum proposing additional monitoring wells. Water Board staff are reviewing this plan to determine if adequate numbers and locations of monitoring wells are proposed.

District 20 installed six new shallow groundwater extraction wells to implement interim cleanup of nitrate contaminated groundwater. The wells were tested in the fall 2006 and turned off for the winter season and will not be restarted until the spring 2007 because there is not a location where the water can be used or disposed during the winter. Preliminary data indicate that the new extraction wells produce about 400 gallons per minute (67 gallons per minute per well) with an average nitrate concentration of about 9 mg/L. This will supply about 7% of the water applied to crops at the effluent management site during the summer growing season.

Board staff is reviewing the District's containment and remediation plan. In April 2005, I reported that groundwater nitrate concentrations greater than 10 mg/L would remain until between 2010 and 2018 based on data available at that time. The April 2006 plan revised this estimate based on more recent data and now indicates that nitrate concentrations

greater than 10 mg/L will remain in groundwater until about 2025. Board staff will be requesting additional information to evaluate the computer groundwater model used for these predictions and to assess whether the nitrate plume will remain stable over this period.

District 20 has completed development of additional agricultural re-use areas, and Board staff is reviewing the 2007 Annual Cropping Plan submitted in November 2006. Based on this plan, the District anticipates meeting the 2007 nitrogen loading limits specified in the CDO.

The CDO requires District 20 to eliminate effluent disposal by either land application or irrigation above agronomic rates by October 2008. To meet this requirement, District 20 plans to construct new storage reservoirs to contain effluent during the winter and construct a new treatment plant with nitrogen removal. As previously reported, District 20 has indicated that the new storage reservoirs will not be completed until the end of 2010 and the new treatment plant will not be online until mid-2011. District 20 plans to submit a report of waste discharge for these new facilities in December 2006.

A compliance summary table for the CAO and CDO, is included at the end of this report.

SCHEDULE OF TASKSLancaster Water Reclamation Plant (WDID 6B190107017)Los Angeles County Sanitation District 14 (District)

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/revised full compliance schedule	
Abandoned Wells		
II.B.3. – Submit work plan to identify and destroy abandoned wells	January 1, 2003	Submitted
Nuisance Condition		
II.B.4.a. - 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
II.B.4.a. - Submit semiannual progress status reports	July 15, 2005	Submitted
	January 15, 2006 (ongoing)	Submitted
Groundwater Monitoring		
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 1, 2006	Submitted
	ongoing	

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 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 other than Paiute Ponds	Beginning November 1, 2005, between November 1 and March 31, and annually thereafter until final compliance	Not met - no diversion (05/06). Expecting to meet partially (06/07).
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 other than Paiute Ponds	Between December 1, 2005 and April 1, 2006, and annually thereafter until final compliance is achieved.	Not met - less than 48 MG diverted (05/06). Expecting to meet (06/07)
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 other than Paiute Ponds	Beginning April 1, 2006, between April 1 and October 31, and annually thereafter until final compliance	Unlikely to meet - no diversion. Expecting to meet (2007)
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 October 1, 2006, between October 1 and March 31, and annually thereafter until final	Unlikely to meet - project delays until March 2010 to complete.
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	

PERFORMANCE TASK	DUE DATE	STATUS
I.F. – Divert 280 MG of effluent and discharge to two temporary storage ponds for evaporative loss	Beginning October 1, 2006, between October 1 and March 31, and annually thereafter until final	Unlikely to meet - The District has no intention to build temporary ponds.
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	
I.G. – Divert 210 MG of effluent and discharge to two permanent storage ponds for Nebeker Ranch next summer use	Beginning October 1, 2006, between October 1 and March 31, and annually thereafter until final	Unlikely to meet - storage reservoirs will not available till March 2010
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	
I.H. – Divert 280 MG of effluent and discharge to two permanent storage ponds for evaporative loss	Beginning October 1, 2007, and annually thereafter until final compliance is achieved.	Unlikely to meet - project delays until March 2010 to complete.
I.H.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2007	
I.H.2. – Submit proposal if the Discharger chooses to implement another compliance method	May 13, 2007	
Final Compliance		
II. – Eliminate the effluent-induced overflows from Paiute Ponds to Rosamond Dry Lake	October 1, 2008	Unlikely to meet - The full tertiary plant will to be on line 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	January 15, April 15, July 15, and October 15	Ongoing
Required by recent 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

PERFORMANCE TASK	DUE DATE	STATUS
Workplan for completing Groundwater Investigation	July 15, 2005	Submitted
Final Groundwater Investigation Report	December 15, 2005	Submitted
Nitrate Investigation Report	December 15, 2005	Submitted

SCHEDULE OF TASKS

Palmdale Water Reclamation Plant (WDID No. 6B190107069)

Los Angeles County Sanitation District 20 (District)
and
Los Angeles World Airports

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) November 1, 2005 - October 31, 2006	Not met. Total N = 39 mg/L 32.12 mg/L
Limit Nitrogen		
I.B. – In 2004, limit land spreading nitrogen to 188 tons	December 31, 2004	Not met land spread: 215 tons
I.C. – In 2005, limit land spreading nitrogen to 99 tons	December 31, 2005	Evaluating District revised Land spread to 96 tons
I.D. – In 2006, limit land spreading nitrogen to 80 tons	December 31, 2006	In Progress
I.E. – In 2007, limit excess land spreading nitrogen to 80 tons	December 31, 2007	
I.F. – In 2008, limit land spreading 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	
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	
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)		

PERFORMANCE TASK	DUE DATE	STATUS
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
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
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

PERFORMANCE TASK	DUE DATE	STATUS	
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	
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	
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		
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	
	- Ground water 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	

PERFORMANCE TASK	DUE DATE	STATUS
	February 1, 2007	
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	
- 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
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
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

PERFORMANCE TASK	DUE DATE	STATUS
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
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	In Progress
Submit information describing the overapplication of effluent to crops above agronomic rates (Notice of Violation November 7, 2006)	December 15, 2006	In Progress

EO'S Monthly Report
10/16/06 - 11/15/06
Unauthorized Waste Discharges

COUNTY: EL DORADO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
South Tahoe PUD	Wastewater plant	<input type="checkbox"/> N	<input type="checkbox"/> Y	Diesel	10/16/2006	329 gallons	Electrical short caused pump to overflow fuel tank and its secondary containment.	Ground	Soil removed to depth of 10 ft. Ground water sampling will be required.
South Tahoe PUD	3rd & South Streets, S. Lake Tahoe	<input type="checkbox"/> N	<input type="checkbox"/> Y	Raw sewage	10/16/2006	75-150 gallons	Waste from Barton Hospital clogged sewer line causing release from manhole.	Stormwater drop inlet to basin (did not reach basin)	Sewage was vacuumed up from the manhole, and the area was lightly chlorinated. STPUD will be requesting that hospital staff better manage their waste. No further action recommended.
Cara Arnott	960 Alameda, S. Lake Tahoe	<input type="checkbox"/> N	<input type="checkbox"/> N	Gray wash water	10/23/2006	20 gallons	A pipe connected to a washing machine discharged water into the backyard. The discharge ran off the site and down the street.	Ground	Notice to comply issued. Repairs certified Oct. 31.
Tahoe Keys Marina	Tahoe Keys Marina parking lot	<input type="checkbox"/> N	<input type="checkbox"/> Y	Hydraulic fluid	10/25/2006	5 gallons	Fork lift leaked hydraulic fluid onto parking lot.	Ground	No further action recommended.
Homeowner	1455 Keller, S Lake Tahoe	<input type="checkbox"/> N	<input type="checkbox"/> N	Pool water	11/1/2006	Unknown	Water from a swimming pool was discharged to the street and stormwater drop inlet.	Street / stormwater drop inlet	County Health and STPUD informed home owner that discharge must go to sewer. City Public Works was also contacted. No further action recommended.

COUNTY: KERN

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Rio Tinto Minerals (formerly U.S. Borax) / Borate Refinery	14486 Borax Road Boron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cooling Water with 58 ppm Arsenic	10/26/2006	10,000 Gallons	Level control in a crystallizer failed and caused a plug to form in the condenser. 20,000 gallons of crystallizer liquor was pumped into the cooling tower. The cooling tower absorbed some of the liquor, but 10,000 gallons overflowed from system.	Ground and Concrete	Standing liquids were recovered with vacuum truck and deposited in the sump system. Contaminated soil was excavated and deposited into the gangue pile. System is being evaluated to prevent more spills. Cleanup complete. No further action recommended.

COUNTY: SAN BERNARDINO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
City of Victorville Fire Department / Hampton Inn	Bear Valley Road and Mariposa Hesperia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water and solutes from fire	10/20/2006	35,1000 gallons	Hotel under construction caught fire. Water used to extinguish fire ran down road into storm drains and possibly a wash.	Ground	Straw wattles were installed to catch sediment. Runoff water was sampled and found not to contain significant concentrations of pollutants. No further action recommended.

CASE CLOSURE REPORT December 2006

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 during November								

Notes:

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