

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

**MEETING OF FEBRUARY 8-9, 2006  
KINGS BEACH, CALIFORNIA**

**ITEM:** 1

**SUBJECT:** EXECUTIVE OFFICER'S REPORT

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

**PART 1: December 2005 and January 2006**

- Enclosure 1: Report on Status of Standing Items  
(December 2005 and January 2006)
- Enclosure 2: Executive Officer's Written Report  
(December 2005 and January 2006)
- Enclosure 3: Notification of Spills (Pursuant to Section  
13271, California Water Code and  
Section 25180.7, California Health and  
Safety Code)  
(December 2005 and January 2006)
- Enclosure 4: Notification of Closure of Underground  
Storage Tank Cases (Pursuant to Article  
11, Division 3, Chapter 16, Title 23,  
California Code of Regulations)  
(December 2005 and January 2006)

**PART 2: February 2006**

- Enclosure 5: Report on Status of Standing Items  
(February 2006)
- Enclosure 6: Executive Officer's Written Report  
(February 2006)
- Enclosure 7: Notification of Spills (Pursuant to Section  
13271, California Water Code and  
Section 25180.7, California Health and  
Safety Code)  
(February 2006)
- Enclosure 8: Notification of Closure of Underground  
Storage Tank Cases (Pursuant to Article  
11, Division 3, Chapter 16, Title 23,  
California Code of Regulations)  
(February 2006)

# **PART 1: December 2005 and January 2006**

# **ENCLOSURE 1**

Report on Status of Standing Items  
(December 2005 and January 2006)

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

**REPORT ON STATUS OF STANDING ITEMS**

**December 2005 and January 2006**

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
Los Angeles County Sanitation District No. 14	Monthly	Item 16 of December 2005 and January 2006 EO Report
Los Angeles County Sanitation District No. 20	Monthly	Item 17 of December 2005 and January 2006
Searles Valley Minerals Operations - Compliance Status	Bi-Monthly	Item 13 of December 2005 and January 2006
Mojave River/El Mirage Dairy Issues	Semi-Annual	Due March 2006 Board Meeting
Status of Basin Plan Amendments	Semi-Annual	Due March 2006 Board Meeting
Status of Grants	Semi-Annual	Due March 2006 Board Meeting
Tahoe Municipal Permit	Annually	Due May 2006* Board Meeting
Wetland Restoration Progress in Mono County	Annually	Due November 2006 Board Meeting
Caltrans Statewide General Permit/Tahoe Basin	Annually	Due November 2006 Board Meeting

\*The Municipal Permit renewal in October 2005 requires annual reports every March.

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** (December 2005 and January 2006)



Lahontan Regional Water Quality  
Control Board



## EXECUTIVE OFFICER'S REPORT

December 2005 and January 2006

### NORTH BASIN

**1. *Meyers Beacon Gas Station, El Dorado County – Lisa Dernbach***

All closure activities have been completed at the former Beacon Station in Meyers. The Regional Board's consultant, Secor International, submitted a report describing the activities, including abandoning 33 monitoring and extraction wells. The remediation system and shed have been removed from the site as well as waste materials. All utilities and underground piping have also been removed and vegetation restored.

In September, I issued a letter to interested parties requesting public comment concerning my intent to issue a closure letter for the site. We received only one response, that being from the South Tahoe Public Utility District. District staff commended Regional Board staff for cleaning up the site. Because very low levels of MTBE (below primary and secondary drinking water standards) still remain in groundwater at the site, the District has stated that it will not use that portion of the aquifer should the contaminant be detected in a municipal well.

Board staff was aware of the District's policy prior to receipt of the District's letter. Because the low levels of contamination remaining in groundwater are below

drinking water standards, a case closure letter for the site was signed in November.

The Meyers Beacon Station is one of the few sites statewide that was investigated and cleaned up using the SWRCB's Emergency, Abandoned and Recalcitrant Account.

**2. *Outreach to Ranchers for Grazing BMP Implementation in Watersheds with Impaired Water Quality, South Lake Tahoe – Bruce Warden***

Grant funding from California Propositions 13, 40 and 50, as well as Federal 319h grants are combined under the Consolidated Grants Program for FY 05-06 (Grants Program). About \$152 million are available with nearly \$37.5 million directly earmarked for agricultural nonpoint source control projects. (For more information, see September 2005 EO Report or <http://www.waterboards.ca.gov/funding/consolidgrants0506.html>.)

A priority for funding from the Grants Program in the Region is implementation of grazing management BMPs for water quality improvements in (1) the Walker River watershed, (2) the Owens River-Mono watershed, and (3) the Susan River-Eagle Lake watershed. The Walker Owens and

Susan rivers are all listed for water quality impairments under the Federal Clean Water Act, section 303(d).

Board staff conducted two outreach events last summer and fall in the Bridgeport Valley consisting of a presentation of fecal coliform data from a USGS stream study in the Bridgeport Valley to frame the problem, and a detailed introduction to the Grants Program to provide interested ranchers a means of remedying the problem. Additionally, attendees were informed of recent changes in the State Water Board's Nonpoint Source Implementation Policy that will place dischargers of nonpoint pollution (such as fecal coliform from grazing) under WDRs or agricultural waivers to WDRs. This was hoped to provide further motivation for ranchers to apply for these grants while they are available this grant cycle.

Board staff has also been working with the Natural Resource Conservation Service (NRCS) and the Mono Resource Conservation District (RCD) to develop a proposal for a water quality planning grant to assess the best agricultural BMPs for grazing specific to the Bridgeport Valley.

Future outreach efforts include providing assistance to consolidated grants applicants through the project solicitation process.

**3. *Communication Training for Regulatory Staff in the Lake Tahoe Basin – How to Communicate Effectively with the Public – Richard Booth***

In mid-November 2005, the Tahoe Regional Planning Agency (TRPA) sponsored a training class entitled "How to Communicate Effectively with the Public –

Getting Your Point Across". Several Regional Board staff attended the one-day class along with planners from local county governments and resource conservation district staff.

**4. *Comments on Tahoe National Forest Projects – Douglas Cushman***

The Tahoe National Forest has invited comments during the scoping period for the Phoenix Project in Sierra County. This project is a revival and consolidation of the Euro and Checkmate Projects that were withdrawn in June 2005 after the Lahontan Water Board appealed the Euro Project. The Central Valley Water Board also terminated the Conditional Waiver of Waste Discharge Requirements that the Tahoe National Forest had obtained. The Phoenix Project proposes to conduct the same activities as the withdrawn projects; however, numerous mitigation measures are proposed that will prevent a number of sub-watersheds from exceeding a threshold of concern for water quality impacts. Many of these mitigation measures were adopted after Water Board staff conducted a two-day field tour of the proposed project area and discussed concerns related to Basin Plan prohibitions with Forest Service personnel. Staff also field reviewed the Alder Creek Project, just north of Truckee, and is providing input in the development of the Environmental Assessment for this project.

**5. *Staff Input on the Aspen Restoration Project on the Lassen National Forest – Douglas Cushman***

Staff attended a field tour of parts of the Lassen National Forest that will be included in aspen stand restoration activities for the

entire northern portion of the forest. The Lassen National Forest staff is preparing the CEQA/NEPA documents for this activity and solicited Water Board staff's input to ensure that the project will comply with Water Board policies.

**6. Timber Activities on Private Timberland in the Lahontan Region – Douglas Cushman**

Water Board staff inspected a Timber Harvest Plan at Homewood Ski Resort that proposes to conduct a demonstration study to evaluate the efficacy of an innovative yarding technique. This yarding technique is essentially a cable long-lining system that utilizes a boom and cable spool and "casts" a grapple hook down a slope and winches the log up hill with one end of the log suspended. This yarding method would replace helicopter yarding on this particular project. Homewood Ski Resort claims that helicopter yarding on east side pine forests is economically infeasible. Fuels reduction activities that are badly needed in the Lake Tahoe Basin are not being conducted due to the cost prohibitive nature of helicopter yarding. A monitoring program has been included in the demonstration project to determine if the new yarding technique is an environmentally acceptable option.

Staff conducted active and completion inspections of five private timber projects that are enrolled under the Lahontan Region's Conditional Waiver of Waste Discharge Requirements. The inspections found some minor violations of the Waiver conditions, but corrective measures were implemented prior to any discharge to waters of the State.

**7. Susan River Toxicity Study Results – Anne Holden**

Recent results from toxicity studies indicate that the Susan River exhibits low to moderate levels of toxicity in some locations. The Susan River is Clean Water Act Section 303(d)-listed for unknown toxicity based on studies conducted by the US EPA in 1990. In 2003 and 2004, State and Regional Water Board staff collected Susan River water samples for additional toxicity testing.

Four sites were sampled on the lower reach of the Susan River in Lassen County, from upstream of the city of Susanville to upstream of the town of Litchfield. Water samples were collected from each site monthly, from May through October 2003 and March through August 2004. Toxicity tests were conducted by measuring the response of larval minnows, water fleas (*Ceriodaphnia dubia*) and vascular aquatic plants (duckweed) to exposure to Susan River water. The UC Davis-Aquatic Toxicity Laboratory (UCD-ATL) performed toxicity testing, statistical analysis and data interpretation.

Rates of survival, growth and reproduction were compared between Susan River water and laboratory control water samples to determine if statistical differences (indicative of toxicity) were present. Fifteen of forty-eight Susan River samples exhibited mostly low-level indications of toxicity, such as reduced growth or reproduction. The magnitude of toxicity in Susan River samples toxic to larval fish and *Ceriodaphnia dubia* was relatively low; however, two of the duckweed tests showed greater than 50% differences in plant growth compared to the control samples.



Chemical analyses were conducted on several water samples exhibiting duckweed toxicity. Four samples contained low levels of clopyralid (the primary ingredient in the herbicide Transline®), esfenvalerate (an insecticide), nonyphenol and nonyphenol ethoxylate. Individual chemical concentrations detected were all below published LC<sub>50</sub> values. The LC<sub>50</sub> is the concentration of a toxicant that causes a lethal effect in 50 percent of test organisms. Concentrations of chemicals detected were all below any applicable numeric water quality objectives as well (e.g., CTR aquatic life protection criteria, US EPA reference dose levels).

Although the individual concentrations of chemicals detected could not account for toxicity to test species, the combination of chemicals could result in additive or synergistic toxicity. Additional experiments conducted by UCD-ATL during this project strongly implicated additive/synergistic effects of the herbicide Transline® and surfactants (nonyphenol and nonyphenol ethoxylate) in Transline formulations as potential causes of duckweed toxicity. Transline is registered for use in California by the Department of Pesticide Regulation (DPR). The major use of Transline formulations in Lassen County is treatment of rights-of-way, according to UCD's online pesticide use database. Application to rights-of-way is mostly restricted to the June through September period, generally corresponding to the period when Susan River samples were toxic to duckweed. The two sampling sites showing duckweed toxicity were located near roadways (at the Leavitt Lane bridge and at the Highway 395 bridge upstream of Litchfield). It is also possible that samples toxic to test species contained contaminants that were not included in chemical analyses.

According to UCD-ATL, the current set of data are consistent with low-level or no impacts on aquatic life beneficial uses. However, observed toxicity and pesticide detections in Susan River water samples violates narrative water quality objectives for toxicity and pesticides contained in the Lahontan Basin Plan. The Susan River will continue to be 303(d)-listed for "unknown toxicity"; however, a TMDL is not currently recommended as the appropriate regulatory response since the pollutant(s) causing toxicity has not been decisively identified by this study. Water Board staff have notified DPR of the pesticide and toxicity detections in the Susan River. A collaborative process between the DPR and the Water Board to identify and address the pesticide use practice(s) responsible for the water quality violations will be implemented in accordance with the Management Agency Agreement between the State Board and DPR. Follow-up monitoring, including additional toxicity testing, will be needed to determine the effectiveness of control measures and need for additional regulatory action.

#### **8. Lake Tahoe TMDL Implementation Planning Projects - Doug Smith**

Water Board staff have awarded contracts for two projects funded under the Southern Nevada Public Lands Management Act and the EPA Targeted Watershed Grants Program totalling almost 2 million dollars. Project 1 (\$1,399,633) was awarded to Tetra Tech, Inc, leader of an expert team of subcontractors including Environmental Incentives, Northwest Hydraulic Consultants, and GeoSyntec Consultants, among others. This project will develop an integrated water quality management strategy for determining the maximum

pollutant load reduction potential within the Lake Tahoe Basin, develop load allocations to achieve the total maximum daily load that restores Lake Tahoe clarity, and develop a system to track load reductions over time. Project 2 (\$551,614) was awarded to Environmental Incentives, which will lead a team of subcontractors including Keiser and Associates, Tetra Tech, and Northwest Hydraulic Consultants. This project evaluates the potential for water quality trading in the Lake Tahoe Basin and, if feasible, establishes an implementation strategy. Scopes of Work and contracts are now being negotiated with the contractors with the goal to begin work by February 15, 2006. Projects 1 and 2 final products will be due in late 2007, although interim products delivered in 2006 will be available to the public stakeholder group (Pathway 2007 Forum) for review and input. Project outcomes and products are critical to completing the Final Lake Tahoe nutrient and sediment total maximum daily load (TMDL) anticipated in mid-2008.

***9. Update on USFS Lake Tahoe Basin Management Unit (LTBMU) Big Meadow Violation Monitoring Results - Erika Lovejoy***

On June 27, 2003, Water Board staff received a citizen's complaint regarding trail work that had been done in Big Meadow. New fill was placed within a jurisdictional wetland without public notice or obtaining a permit. A Notice of Violation (NOV) was sent to the LTBMU requesting a description of current site conditions, an alternatives analysis, and monitoring for water quality problems and vegetative health in the meadow. The LTBMU provided a response to our information request in October 2003, and an alternatives analysis in February

2004, as required by the NOV. The October report noted no negative changes in meadow health.

Staff received a final monitoring report in August 2005. The LTBMU determined that there were no negative impacts resulting from the new segments of trail at this time. Photo monitoring was conducted and showed the trail had narrowed to less than two feet wide, with healthy vegetation on each side. However, it was noted that the winter of 2004/05 was an especially wet year, which could help to maintain vegetation in the short-term and impacts could develop later on in drier years. Staff may require additional monitoring during another year to ensure that no negative changes in vegetation and hydrology occur during drier winter conditions as a result of the LTBMU violation. The LTBMU staff also concluded that continued maintenance of the trail would be needed to avoid negative water quality impacts.

LTBMU staff recommended doing additional trail work (i.e., extending the causeway they had installed, with improved drainage features) on sections of the trail that were unrepaired that showed signs of negative water quality impacts from recreation use. It is likely that a prohibition exception will be required for the project, which may include the past work that was included in the NOV.

***10. United States Forest Service Lake Tahoe Basin Management Unit 2004 Forest Road Best Management Practices Monitoring Program – Robert Larsen***

Researchers have identified roadways, particularly unpaved roads, as potential sediment sources impacting water quality.

To address this possible pollutant source, the United States Forest Service Lake Tahoe Basin Management Unit (LTBMU) developed a roadway management program. Between 1998 and 2004, the LTBMU installed best management practice (BMP) upgrades on approximately 150 miles of unpaved Forest Service roads and decommissioned another 100 miles.

These roadway upgrades are systematically monitored by the LTBMU Adaptive Management Group's Roads Monitoring staff. On November 10, 2005, the LTBMU submitted a report describing the latest road monitoring results. The primary goals of the roadway monitoring program are to evaluate the effectiveness of road decommissioning and BMP upgrade practices in reducing pollutant loading to surface water in the Lake Tahoe Basin. This information will assist in calibrating the unpaved roadway disturbance coefficients for the Total Maximum Daily Load (TMDL) Watershed Model.

The monitoring report evaluated road improvements within the Burke Creek, McFaul Creek, Zephyr Frontal, Skyland-Cave Rock Frontal, Lincoln Creek, Tahoe Vista Frontal, Griff Creek, and Ward Creek watersheds as well as roadways within the Heavenly Valley Ski Resort. Overall, monitoring results indicate the upgrades and road decommissioning have improved the condition of Forest Service roads and decreased the water quality threat associated with these roads. Monitoring also suggests some areas, including those near stream channels, may need additional BMP measures to better address water quality concerns.

This information will help inform the TMDL process and provide direction about control practices.

#### ***11. Lake Tahoe Atmospheric Deposition Study (LTADS) Workshop – Jacques Landy***

On December 14, Lake Tahoe TMDL Unit staff attended a workshop on the Lake Tahoe Atmospheric Deposition Study (LTADS) hosted by the California Air Resources Board (CARB). LTADS' purpose was to develop deposition estimates for, and characterize sources of, air pollutants impacting Lake clarity (nitrogen, phosphorus, and particulate matter). The workshop presented key results and findings of LTADS and other related studies, and recommended follow-up research. The TMDL team is considering the nutrient loading estimates in conjunction with those produced by the U.C. Davis Tahoe Research Group (TRG) and developing final estimates for the TMDL contractors developing the Lake Clarity Model.

Morning workshop presentations focused on the extensive research conducted throughout the basin to estimate overall annual pollutant atmospheric deposition to the Lake's surface. LTADS concluded the following annual estimate loads from the atmosphere:

Lake Tahoe Clarity Pollutant	Range of Metric Tons Deposited per Year
Nitrogen species (NH <sub>3</sub> , NH <sub>4</sub> <sup>+</sup> , HNO <sub>3</sub> , NO <sub>3</sub> <sup>-</sup> )	100 – 310
Phosphorus species (P, PO <sub>4</sub> <sup>-3</sup> )	0 – 9
Particulate Matter	810 – 3090

Results suggest that air deposition to the Lake's surface is strongly influenced by meteorological processes including characteristic evening and nighttime surface winds that are directed down-slope and onto the Lake followed by mid-day on-shore or divergent flow patterns. CARB concluded that these local effects tend to be more important than prevailing regional winds (generally from the west) and contribute to the conclusion that local sources of air pollution generally outweigh transport of contaminants into the basin from upwind areas (the Central Valley, S.F. Bay Area, and Asia). Most phosphorus measurements were below detection limits, resulting in a low range of deposition estimates. LTADS' estimate of particulate matter loading is the first to be generated for Lake Tahoe. Some of the particulate matter includes soluble aerosols and organic matter, which are believed to have less impact on Lake clarity than inorganic particulates.

Afternoon sessions addressed studies of air pollutant sources and recommendations for future research. Source studies suggest that the re-entrainment of road dust (including applied road sand) and wood burning contribute most of the fine particulates, whereas motor vehicle emissions account for most of the nitrogen. Due to difficulties quantifying atmospheric phosphorus, LTADS did not reach conclusions concerning the primary sources of phosphorus. A final panel discussion between CARB, TRG and Desert Research

Institute air quality experts at the end of the day recommended to establish a baseline network of stations from the western crest to mid-lake, monitor emission sources, and determine opportunities for and effectiveness of management measures such as motor vehicle emission controls, curb-and-gutter along roadways, street sweeping, controls on wood burning, etc.

Peer reviewers of the draft final LTADS report observed that deposition estimates could be refined in the future and that air quality modeling should be conducted. CARB will respond to these comments soon and provide recommendations for further study.

## ***12. Update on Everd McCain's Unauthorized Dam-Building near Susanville - Tobi Tyler***

Since the October 2005 Executive Officer's Report (October Report) on this item, a number of actions occurred. We received an application for an "after-the-fact" Clean Water Act (CWA) Section 401 certification from Mr. McCain (October 6, 2005). The application was sent in response to staff's comment to Mr. McCain during the August 25, 2005 site visit that a 401 certification from the Regional Board was required. On November 8, 2005, I issued a Denial of Certification on the basis that (1) water quality standards and regulatory requirements had not been met, (2) the application lacked mitigation measures for temporal and permanent losses of wetland functions and values, and (3) the application

lacked description of control measures to stabilize disturbed land areas and to prevent sediment discharges from the Project site.

On November 23, 2005, Mr. McCain responded to the Denial of Certification and alleged a number of inaccurate statements by staff. Staff is preparing a response.

Mr. McCain suggested in his letter that Regional Water Board member Jim Chapman may be influencing staff privately. Mr. Chapman has had no involvement or contact with staff concerning this matter and has recused himself from any discussions pertaining to this matter at Water Board meetings.

Mr. McCain's letter stated the October Report was biased and misleading by indicating, "none of the potential impoundments appear to be supported by existing water rights." By stating in the October Report that we were "requesting an investigation [by the Division of Water Rights] into Mr. McCain's compliance with his several water rights permits," we intended to convey that we were unable to ascertain the true status of compliance with his Water Rights permits. We concede that staff should not have second-guessed the outcome of the investigation by the Division of Water Rights and, therefore, retract the

statement in the previous report regarding the "potential impoundments."

Concerning previous enforcement actions by the U.S Army Corps of Engineers, the letter stated "at no time has Everd A. McCain or McCain Associates been 'issued several cease and desist orders.'" Based on the letter, the Corps issued a 2001 Cease and Desist Order to a contractor employed to construct the Santa Barbara Estates Subdivision. Admittedly, Lahontan Water Board staff does not know the full extent of Mr. McCain's personal or business involvement with the Corps concerning enforcement matters under their jurisdiction. Staff regrets any error in this matter.

Two staff persons conducted a second inspection on December 13, 2005 and were joined by U.S. Army Corps of Engineers staff. During the inspection, staff observed that the dam had been completed, but disturbed and unstable slopes remained in the surrounding area. Staff informed Mr. McCain during this site visit that a Cleanup and Abatement Order was being prepared which will require measures to prevent further water quality impacts and mitigate for temporary and permanent wetland losses. I anticipate signing the Order in early February 2006.

## SOUTH BASIN

**13. Searles Valley Minerals, (SVM)**  
**Compliance Status – Kai Dunn**

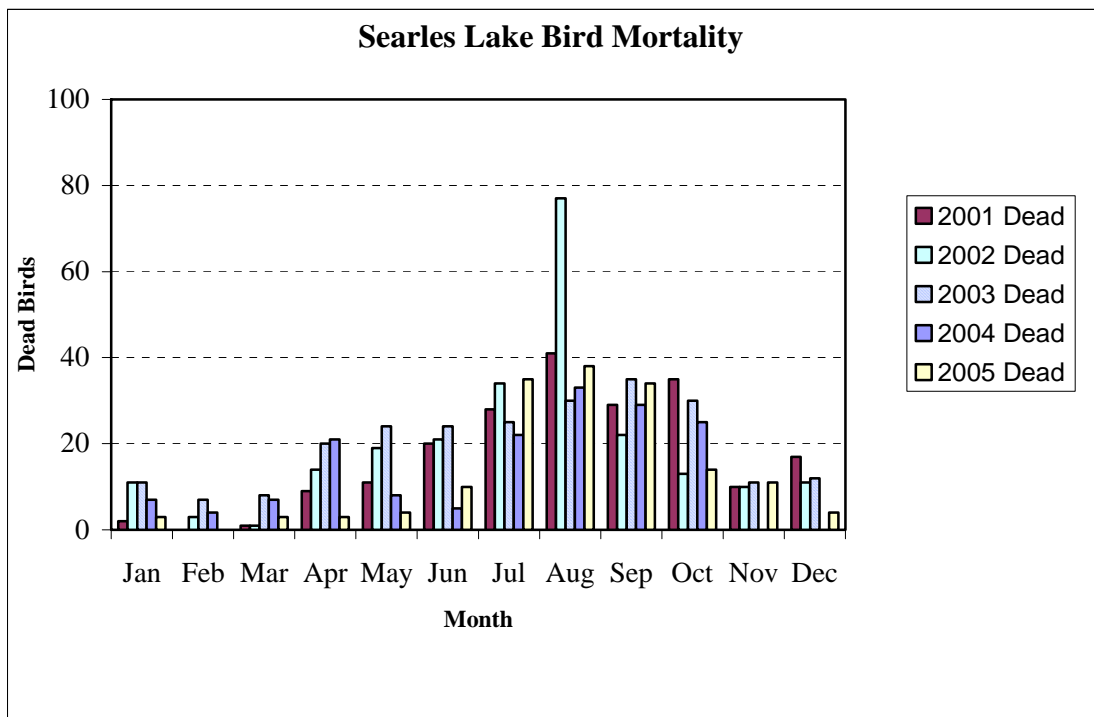
**Compliance Status**

Daily reporting data from SVM shows that the interim effluent limits set forth in the Waste Discharge Requirements (WDRs) were exceeded twice during the time period October 15 – December 15, 2005. On November 17, 2005, the Trona effluent sample tested 7.3 mg/L for total recoverable petroleum hydrocarbons (TRPH) concentration (interim limit for Trona Plant is 6.2 mg/L TRPH) and on November 18, 2005 the Argus injection brine sample tested 9.2 mg/L for TRPH concentration (limit for Argus Plant is 8.5 mg/L TRPH). SVM investigated the occurrences and concluded that power outages resulted in elevated

hydrocarbons. Subsequent samples collected the next day show the discharges to be in compliance with effluent limits.

**Bird Report**

During the time period October 15 through December 15, 2005 there were 32 live birds and 24 dead birds collected on the percolation pond, bird pool, and on the roads adjacent to the percolation pond. All birds found at Searles Dry Lake are sent to the International Bird Research Rescue Center, Trona site staff. The number of shore birds at the brackish water seeps along the edge of Searles Dry Lake is high this year, likely due to the record high rainfall events earlier in the year. A chart showing bird mortality is shown below.



**14. Status of Supplemental Environmental Projects for Los Angeles Department of Water and Power (LADWP) Administrative Civil Liability Order (ACL) No. R6V-2004-0030 – Kai Dunn**

The Board adopted an Administrative Civil Liability (ACL) Order against the Los Angeles Department of Water and Power (LADWP) on July 24, 2004 for its spill at the Independence Sewage Treatment Plant. LADWP is completing two Supplemental Environmental Projects (SEPs) in accordance with the terms of the ACL Order. These projects are: 1) the Fish Slough Native Fish Sanctuary project, to provide for protection of habitat for pupfish, a threatened and endangered species and 2) the purchase of 40 acres in the Round Valley area to preserve existing wildlife habitat beneficial uses. LADWP has requested a time extension to complete the projects due to delays beyond its control. I found the requests were reasonable and agreed to extend the completion dates as described below.

*Fish Slough Native Fish Sanctuary Project*

LADWP is working with the Department of Fish and Game (DFG) to construct a new outflow structure to protect endangered pupfish habitat at Fish Slough. While LADWP was proceeding with the project, the area was determined to be critical habitat for the milk-vetch plant. LADWP and DFG are in discussion with the Bureau of Land Management, U.S. Fish and Wildlife Service and Army Corps of Engineers to obtain the necessary permits to allow the project to proceed. Because of time requirements to obtain the additional permits, LADWP indicated that it will not meet the January 27, 2006 deadline required in the ACL to

complete this project. The completion date will be extended to December 15, 2006 for the project.

*Purchase of 40 Acres in the Round Valley Area*

LADWP has negotiated a draft agreement with the owners of the 40-acre property. LADWP recently found that a General Plan Amendment is required to achieve the proposed agreement. LADWP is working with Inyo County on the General Plan Amendment, and Inyo County staff has indicated it may take approximately eight months to complete the amendment. LADWP requested a time extension for this project. The completion date will be extended to May 1, 2007 for the project.

**15. Molycorp Mine Compliance Status – Christy Hunter**

*Closure Construction Activities*

Molycorp has reported that all of the significant wind blown tailings deposits have been removed (and placed in the North Tailings Pond, P-16) from the eastern portion of Molycorp property. About 95% of the closure cover for P-16 has been constructed. Construction activities have been reported to be on schedule and are expected to be completed by the end of December or first part of January 2006. Board staff performed site inspections during October 2005 of the site activities to verify construction progress and determine compliance with several Regional Board Orders. No new violations were found.

*Supplemental Environmental Projects*

Molycorp is funding \$1.0 million in Supplemental Environmental Projects (SEPs). A co-operative agreement has been signed with the Foundation for California State University, San Bernardino for completion of an Integrated Hydrogeology Study of the Mountain Pass Mine. Board staff has prepared draft language for the remaining SEP agreements. These agreements are being reviewed by the project proponents.

***16. Los Angeles County Sanitation District No. 14 (Lancaster), Status of Compliance with Cease and Desist Order and Waste Discharge Requirements – Curt Shifrer***

*Summary of Cease and Desist Order Requirements*

The Regional Board adopted a Cease and Desist Order (CDO) for Los Angeles County Sanitation District No. 14 (District) on October 13, 2004 for violation of Waste Discharge Requirements by threatening to create a nuisance condition because of overflow of effluent from Paiute Ponds to Rosamond Dry Lake. A time schedule summarizing specific compliance tasks is attached.

The CDO requires the District to complete a series of eight diversions of effluent to alternative legal points of disposal other than Paiute Ponds. Each diversion requirement may be met by implementing a project described in the CDO, seven of which were proposed by the District, or another project that would achieve the same results. The CDO also requires the District to submit reports of waste discharge (RWD) at specified dates so the Water Board could consider adoption of waste discharge or

water recycling requirements as appropriate, for the discharge associated with each of the projects.

*3<sup>rd</sup> Quarter 2005 Compliance Report*

The District had initially intended to complete a one million gallon per day (mgd) pilot tertiary treatment plant in the fall of 2005 and dispose of effluent from this facility at the new Eastern Agricultural site. This action would have resulted in the diversion of 150 million gallons of effluent from Paiute Ponds between November 2005 and March 2006 (Provision I.B. of the CDO). However, the District was unable to complete this facility consistent with its schedule due to delays in completing the design for the facility that includes a relatively new treatment technology.

The District submitted an incomplete RWD for the discharge from this pilot tertiary treatment plant to "Agricultural Site No. 1 of the Eastern Agriculture Site" (Agricultural Site 1). On August 18, 2005, District staff was informed that the RWD submitted was incomplete and additional information was requested. The District has not yet submitted the additional information, but has indicated that completion of the proposed treatment plant is expected to occur by July 1, 2006.

The District most likely will not meet the CDO requirement to divert 150 million gallons of effluent by March 31, 2006. So far, the District has diverted approximately five million gallons. This was accomplished by increasing production of disinfected tertiary recycled water at the District's existing tertiary treatment plant and establishing two additional uses for disinfected tertiary recycled water.



Permits for Wastewater Reclamation

Water Board staff has circulated for comment a tentative Master Reclamation Permit (Master Permit) that would regulate the use of disinfected tertiary recycled water. This permit would allow the District to supply recycled water to many different users and would require the District to regulate the use of the recycled water consistent with minimum state standards for the specific use. This permit would not allow the District to use recycled water at its Eastern Agricultural Area; a separate permit would regulate this use. Initially the District believed that this project was analyzed in its 2020 Facilities Plan EIR. However, after discussion with Water Board staff, District staff agreed that an addendum to this EIR was needed and that the District would complete this document. Once this document is complete, the Water Board could consider adoption of the Master Permit.

In addition, the City of Lancaster is pursuing a project to deliver recycled water to certain users within the City. The City is currently circulating a proposed initial study and negative declaration for review and comment by interested parties. Board staff is reviewing the document. The Water Board may be asked to consider adoption of a Master Reclamation Permit naming the District as the supplier of the water and the City as the distributor of the water. In this situation, the City would be responsible for regulating the actual users consistent with minimum state standards for the specific use.

In November 2005, District staff questioned the possibility of applying effluent from the District's existing tertiary treatment plant under either a Master Permit or a permit for

irrigation of crops at Agricultural Site 1. This existing plant does not include treatment to remove nitrogen. Therefore, the nature of the treated wastewater is different from that evaluated in the 2020 Facilities Plan EIR prepared by the District. Both staffs agreed that in order for the Water Board to even consider such a use the District would need to prepare an addendum to its 2020 Environmental Impact Report to address the potential effects of the higher nitrogen concentration in the effluent to be applied.

**17. Los Angeles County Sanitation District No. 20 & City of Los Angeles World Airports, Palmdale Water Reclamation Plant, Compliance Status – Greg Cash**

The District is required by a Cease and Desist Order to reduce the amount of nitrogen it either applies to land or that is used for irrigation at rates that exceed agronomic rates. Additionally, the District and Los Angeles World Airports (Airport) must, pursuant to a Cleanup and Abatement Order, contain and remediate a plume of nitrate in groundwater created by historic and ongoing disposal activities. A table summarizing the compliance tasks in these orders is attached at the end of this report.

Containment and Remediation Plan, Supplement No. 2, and Groundwater Monitoring Plan – In November 2005 Water Board staff provided comments to the District on the two referenced plans. The Containment and Remediation Plan described the updated and refined numerical model of groundwater flow and nitrate transport for the site, and provides further development of the containment and remediation plan that was submitted in September of 2004. The groundwater

monitoring plan described the monitoring facilities and the data collection/analysis that is proposed to assess the performance of the proposed interim measures (extraction of nitrate contaminated groundwater). Three major deficiencies that were identified in the Groundwater Monitoring Plan were the need for: 1) additional monitoring cluster wells near the proposed extraction wells to delineate the vertical extent of the plume; 2) additional monitoring wells on Air Force Plant 42 to complete the plume delineation in this area; and, 3) a plan to compare changes or trends in plume behavior as compared to baseline conditions over time. I requested that the District address the comments and submit an addendum to the report by December 15, 2005.

Review of the 3<sup>rd</sup> Quarter 2005 Compliance Report, for the Cease and Desist Order and the Cleanup and Abatement Order – Water Board staff reviewed the compliance report and identified four issues of concern in the report:

1. The District was not able to limit the total effluent nitrogen to 28 mg/L in the discharge by October 31, 2005, as required in Section I.A. of the Cease and Desist Order No. R6V-2004-0039. Currently (as of September 30, 2005) the District discharges effluent that contains 39 mg/L of nitrogen (as N). While the District implemented the interim treatment modifications it proposed prior to the issuance of the Cease and Desist Order, the modifications were not as successful as contemplated. Additionally, the District reported that influent nitrogen concentrations are increasing. However, it did not provide any analysis as to why this was occurring nor did it propose any actions to further investigate this increase. We
2. The District will probably not meet the limit of land spreading of effluent containing nitrogen to no more than 99 tons for the year 2005; 90 tons of nitrogen had been applied as of September 30, 2005. The District indicated that this higher than allowed application can be attributed to: the inability to meet the 28 mg/l effluent limit (see item 1 above), and the inability to plant the amount of acres contemplated in the 2005 cropping plan. The farm management plan had included lands that would be irrigated with groundwater from the remedial measures extraction system that was to be implemented in summer of 2005. However, this groundwater extraction system was not completed and the treatment facility does not produce sufficient effluent in the summer months to support the amount of acres contemplated in the farm management plan. Since these acres were not planted in the summer they were not available in the fall to be used for irrigation; therefore the wastewater was land spread rather than applied to crops at agronomic rates.
3. The District has indicated that it will not meet the January 21, 2006 compliance date for submittal of a report of waste discharge (ROWD) for the new proposed storage facilities. The ROWD will be submitted in the spring of 2007. The District attributes the delay to land acquisition problems and design problems. The District indicated that it still expects to meet the November 2009 deadline for the new facility construction.

4. In response to the task requiring the District to achieve plume containment by September 30, 2005, the District did not claim that it had achieved plume containment. As I have described in prior status reports, the District was delayed in implementing proposed remedial measures due to negotiations with the Airport, the landowner, and that I intended to amend the Cleanup and Abatement Order compliance date for both implementation of remedial measures and achieving plume containment. Water Board staff advised the District that it needed to supplement its groundwater monitoring plan to compare changes or trends in plume behavior to background conditions to evaluate the effectiveness of any remedial measures on size and magnitude of the plume.

Section 9 Lease Report – The District disposes of its effluent on lands owned by the Airport. A provision of the lease between these two agencies allows the Airport to terminate the District's ability to use that portion of Section 9 currently used to irrigate crops above agronomic rates as early as February 2007 if the land is needed for Airport uses. The District is confident that there is no reason to believe that the Airport will exercise this option. However, it acknowledges that if this occurred before the District completed its proposed storage pond, such action would affect its effluent disposal activities.

I requested that the District submit a report describing the options it would pursue if the Airport exercised this lease provision prior to completion of storage facilities. While disputing the authority for requesting this report, the District indicated in an October 2005 report that it would “utilize areas

within the EMS [Effluent Management Site] for irrigating crops above agronomic rates” if LAWA decided to terminate the Section 9 lease agreement. However, the District, in its groundwater remediation plan, indicated that the shift from land application of wastewater and over application of crops with wastewater to irrigation of crops at agronomic rates was the dominant factor in addressing the groundwater pollution problem. Given this position, the District's proposed option would appear to be a step backward in addressing the groundwater pollution problem. I have requested that the District evaluate other alternatives that would not result in increasing the nitrogen loading to groundwater and to submit a report on its findings by January 10, 2006.

P:EO Rpt 2006/Jan2006 EO Rpt

# **ENCLOSURE 3**

## **Notification of Spills (Unauthorized Waste Discharges)**

Attachment 1: December 2005 Report

Attachment 2: January 2006 Report

**EO'S Monthly Report**  
**10/16/05 - 11/15/05**  
**Unauthorized Waste Discharges**

**COUNTY: KERN**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Luz Solar Partners #3 --	41100 Hwy 395 Boron	<input type="checkbox"/> S	<input type="checkbox"/> Y	VP 1 (Heat transfer fluid)	<input type="checkbox"/> N	10/22/2005	9,900 gallons	Equipment failure caused rupture that resulted in release.	Ground	<input type="checkbox"/> N	Local agency responded. Soil excavated and treated. Equipment repaired to prevent future failure. Sampling and cleanup confirmation report requested. Further action pending review of report.

**COUNTY: LASSEN**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Susanville Sanitary District --	Manhole J-7, Willow St, Susanville	<input type="checkbox"/> N	<input type="checkbox"/> N	Raw sewage	<input type="checkbox"/> N	10/18/2005	22 gallons	Sewage leaking from a manhole on Willow St.	Ground	<input type="checkbox"/> N	District cleared blockage in the sewer collection system. Removed as much of the liquid around the manhole and storm drain as they could and sprayed a weak chlorine solution on the area. No further action recommended.
Susanville Sanitary District --	Near Lassen College	<input type="checkbox"/> N	<input type="checkbox"/> N	Raw sewage	<input type="checkbox"/> N	10/24/2005	<20 gallons	District staff were visually checking sewage mains as part of routine maintenance and discovered a manhole overflowing. Manhole had been overflowing for an unknown period of time.	Ground/land	<input type="checkbox"/> N	A blockage in the sewer collection system near the manhole was removed. No further action recommended.

**COUNTY: PLACER**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Tahoe City PUD --	Gstaad Rd @ Merdan Rd, Ward Valley	N	N	Unchlorinated water	N	10/20/2005	50-60,000 gallons	TCPUD crew mishap blew out water line, damaging a section of road. Initial report did not indicate flows reached Ward Creek. Bill Back of TCPUD stated there was erosion along 50 feet of roadway, but flows dispersed in several paths through vegetation with no signs of erosion channels reaching Ward Creek.	Land (may be SEZ)	N	TCPUD sent spill report with photos. No further action recommended.
Tahoe City PUD --	Hwy 89 & Mackinaw Rd (below bridge)	N	N	Chlorinated water	N	10/21/2005	150 gallons	Break in main at intersection of Hwy 89 & Mackinaw, below Fanny Bridge. Chlorinated water ran down through riprap to Truckee River for about 30 minutes.	Truckee River	N	Discharge was isolated with sand bags. No further action recommended.
Tahoe City PUD --	3065 Watson Dr., Tahoe City	N	N	Sewage	N	10/28/2005	25-50 gallons	Sewage spill from cleanout.	Land	N	TCPUD televised 4-inch lateral, removed roots, then hydrocleaned lateral, revealing a crack in clay pipe. Pipe scheduled for repair 11/1/05. No further action recommended.

**COUNTY: SAN BERNARDINO**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
US Army - Ft Irwin -- Waste Water Treatment Plant	North of 5th St, 250 meters east of headworks Ft. Irwin	S	Y	Septage and Sewage	N	10/21/2005	35,358 gallons	Septic tank pumpings were being discharged to sewer when there was a clog in the line. The line overflowed upstream of the clog.	Ground, dry wash	N	Ponded water removed. Cleanup completed. Disinfected area. Septage receiving protocols have been revised to prevent recurrence. No further action recommended.

**COUNTY: SAN BERNARDINO**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
US Air Force - Edwards AFB -- Waste Water Treatment Plant	Edwards AFB	<input type="checkbox"/> S	<input type="checkbox"/> Y	Secondary / Tertiary Treated Effluent	<input type="checkbox"/> N	10/24/2005	2000 gallons	Discharger was backflushing a filter at the plant when the filter became plugged, and 2,000 gallons of treated sewage flowed from the filter and soaked into the ground within the compound.	Ground	<input type="checkbox"/> N	The discharger disinfected the contaminated soil with bleach. Personnel received additional training on procedures. No further action recommended.
Southern California Edison -- Cima Substation	Cima Rd. 17 miles E. of I-15.	<input type="checkbox"/> S	<input type="checkbox"/> N	Mineral Oil. One bushing had 3.5 ppm PCB.	<input type="checkbox"/> Y	10/26/2005	25 Gallons	Electrical bushings leaked and substance was released. Bushings removed and replaced. Cleanup completed when special equipment was delivered.	Ground	<input type="checkbox"/> N	San Bernardino County Fire Dept. responded. Cleanup complete. No further action recommended.
Trinity Construction -- Lake Arrowhead Sanitation District	27992 Rainbow Dr. Lake Arrowhead	<input type="checkbox"/> S	<input type="checkbox"/> Y	Raw sewage	<input type="checkbox"/> N	11/4/2005	2000 Gallons	Debris pushed into in sewer line when manhole cover was pushed aside. Sewer started overflowing.	Rainbow Creek	<input type="checkbox"/> N	Sewer line cleaned. Enforcement action pending.
Lake Arrowhead CSD -- Sewer Line	27992 Rainbow Dr. Lake Arrowhead	<input type="checkbox"/> S	<input type="checkbox"/> Y	Sewage	<input type="checkbox"/> N	11/14/2005	250 Gallons	Rocks and debris in sewer line caused release. Rocks were in one manhole downstream from manhole that 11/4/05 spill was from.	Rainbow Creek	<input type="checkbox"/> N	Rocks and debris removed. Rocks and debris may have remained from 11/4/05 spill. Enforcement action pending.

**EO'S Monthly Report**  
**11/16/05 - 12/15/05**  
**Unauthorized Waste Discharges**

**COUNTY: LASSEN**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Susanville Sanitary District -- Sewer system	25 Inspiration Point Rd.	<input type="checkbox"/> N	<input type="checkbox"/> Y	Raw sewage	<input type="checkbox"/> N	11/16/2005	100 gallons	Manole at location had been intentionally plugged with rocks and tree branches by unknown person(s).	Land	<input type="checkbox"/> N	Blockage was removed, residual fluid was collected, and affected area was sprayed with a weak chlorine solution. No further action recommended.
CHP -- Lassen	CHP Facility on Diamond Crest Road, Susanville	<input type="checkbox"/> N	<input type="checkbox"/> N	Gasoline	<input type="checkbox"/> N	12/11/2005	175 gallons	Substance was released from the CHP facility due to a vehicle left unattended during refueling.	Ground	<input type="checkbox"/> N	Caltrans cleaned up spill. No further action recommended.

**COUNTY: LOS ANGELES**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Southern California Edison -- Transformer	140th Street West near Ave. "B" Lancaster	<input type="checkbox"/> S	<input type="checkbox"/> N	Mineral Oil, 40 gal. 3 ppm PCB, <1 gal 7 ppm PCB	<input type="checkbox"/> Y	11/26/2005	41 gallons	3 pole-mounted transformers fell off of the pole during a wind storm and released substance.	Ground	<input type="checkbox"/> N	8 cubic yards of soil was excavated and removed. Cleanup complete. No further action recommended.

**COUNTY: NEVADA**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Associated Feed -- Semi-truck	I-80 Eastbound, just past Hirschdale exit	<input type="checkbox"/> N	<input type="checkbox"/> N	Diesel fuel, oil	<input type="checkbox"/> N	11/30/2005	30 gallons diesel, 5 gallons oil	Truck spilled diesel and oil on roadway. Spill reached a drop inlet and went to a drainage area.	Drop inlet / drainage from I-80	<input type="checkbox"/> N	Environmental cleanup contractor performed cleanup. No further action recommended.



**COUNTY: SAN BERNARDINO**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
City of Victorville -- Sewer	700 ft. S. of 14545 Hook Blvd.	<input type="checkbox"/> S	<input type="checkbox"/> N	Raw sewage	<input type="checkbox"/> N	12/3/2005	400 gallons	Vandals opened manhole and threw in sticks and other material. Sewer overflowed and covered 150 ft of ground surrounding manhole.	Ground	<input type="checkbox"/> N	Sewer line cleaned by Victorville Public Works. Sewage vacuumed and put back into manhole. Disinfected contaminated ground. No further action recommended.
UPRR -- Rail Road Track	Mile Marker 158.9 on the Los Angeles Subdivision Daggett	<input type="checkbox"/> S	<input type="checkbox"/> N	Diesel	<input type="checkbox"/> N	12/15/2005	Approx. 50 gallons	Employee discovered release that came from an unknown locomotive several days earlier.	Ground	<input type="checkbox"/> N	Cleanup being completed by United Pumping Services (started 12/16/2005). San Bernardino County Health notified. Recommendation for further action pending completion of cleanup.

## **ENCLOSURE 4**

### **Notification of Closure of Underground Storage Tank Cases**

Attachment 1: December 2005 report

Attachment 2: January 2006 report

**CASE CLOSURE REPORT**  
**December 2005**  
 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
11/18/2005	Beacon Gas Station	3208 Highway 50, Meyers	6T0273A	UST (gasoline)	NA	0.038 TPHg	1,400' NE Arrowhead Well #3	excavation, hydrogen peroxide

**Notes:**

TPHd = Total petroleum hydrocarbons quantified as diesel  
 TPHg = Total petroleum hydrocarbons quantified as gasoline  
 NA= Not applicable

**CASE CLOSURE REPORT**  
**January 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
12/19/2005	Harris Family Trust	140 North Lake Boulevard, Tahoe City	6T0241A	UST (gasoline)	236 TPHg, 16 MTBE	0.91 benzene, 4.3 ethyl benzene, 4.5 xylene	Truckee River is ~150' to the south	excavation, groundwater extraction
12/30/2005	Forte Residence	1489 Christy Lane, Olympic Valley	6T0372A	UST (heating oil)	Not analyzed	2.05 TPHd	Squaw Creek is ~1400' to the south	excavation
12/30/2005	DL Bliss State Park	9881 Highway 89, South Lake Tahoe	6T0139A	UST (gasoline)	210 TPHg	1.1 TPHg	Lake Tahoe is ~1/2 mile to the east	natural attenuation
12/30/2005	Tosco Service Station #6391	12373 Donner Pass Road, Truckee	6T0175A	UST (gasoline)	5.2 MTBE	unknown	Donner Creek is ~100' to the north	excavation, Soil vapor extraction, enhanced biodegradation

**Notes:**

TPHd = Total petroleum hydrocarbons quantified as diesel  
 TPHg = Total petroleum hydrocarbons quantified as gasoline  
 ug/L = micrograms per liter

## **PART 2: February 2006**

# **ENCLOSURE 5**

**Report on Status of Standing Items**  
(February 2006)

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

**REPORT ON STATUS OF STANDING ITEMS**

**February 2006**

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
Los Angeles County Sanitation District No. 14	Monthly	Item 6 of February 2006 EO Report
Los Angeles County Sanitation District No. 20	Monthly	Item 5 of February 2006 Report
Searles Valley Minerals Operations - Compliance Status	Bi-Monthly	Item 4 of February 2006 EO Report
Mojave River/El Mirage Dairy Issues	Semi-Annual	Due March 2006 Board Meeting
Status of Basin Plan Amendments	Semi-Annual	Due March 2006 Board Meeting
Status of Grants	Semi-Annual	Due March 2006 Board Meeting
Tahoe Municipal Permit	Annually	Due May 2006* Board Meeting
Wetland Restoration Progress in Mono County	Annually	Due November 2006 Board Meeting
Caltrans Statewide General Permit/Tahoe Basin	Annually	Due November 2006 Board Meeting

\*The Municipal Permit renewal in October 2005 requires annual reports every March.

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 6**

**Executive Officer's Written Report**  
(February 2006)





Lahontan Regional Water Quality  
Control Board



# EXECUTIVE OFFICER'S REPORT

February 2006

## NORTH BASIN

1. ***Update On Sorensen's Resort Wastewater Facilities, Alpine County - Rob Tucker***

Resort owner John Brissenden has been providing updates to Water Board staff on the status of completing installation of a "package" treatment system for wastewater generated onsite at the Sorensen's Resort, and bacterial monitoring of the surfacing French drain discharge adjacent to an existing leach field at the Resort, and in the Carson River. Severe problems were discovered at the Resort due to unusually high groundwater conditions in 2005 that adversely affected onsite wastewater disposal systems. I issued a Cleanup and Abatement Order to address the problem of surfacing effluent.

Installation of the secondary-treatment (with disinfection) system is nearly complete. The manufacturer mistakenly shipped the treatment system with a blower requiring three-phase power, which is not available at the site. Following blower replacement, the system is scheduled for operational testing the week of January 23, 2006 with the intent of discharging treated wastewater into the South Tahoe Public Utility District export line in February.

In the interim, Mr. Brissenden has been pumping the Resort septic tanks on a regular

basis (daily at times during the recent holiday season) to minimize the use of onsite leachfield systems that contaminate groundwater with bacteria. Bacteria monitoring at the French drain and the Carson River indicate that the French drain has total coliforms and E-coli that, while above coliform objectives for recreational uses of surface waters, are at levels lower than those measured in the Carson River upstream of the Resort location. I believe all reasonable measures are being undertaken to abate the discharge, and will continue to monitor the implementation of the solution to correct wastewater disposal problems at the Resort.

2. ***Status of Colorado Hill Mine Sites CERCLA Implementation by U.S. Forest Service, Alpine County - Bruce Warden***

The Colorado Hill area in Alpine County encompasses a number of abandoned mine sites and extensive underground mine workings. There is no active mining in the area at this time and most of the land in the area is administered (owned) by the U.S. Forest Service (USFS), Humboldt-Toiyabe National Forest. In 1999, the USFS declared the area a cleanup site under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The Water Board entered into

an Memorandum of Understanding (MOU) with the U.S. Forest Service in late 2003 concerning the Colorado Hill Mine Sites. We agreed to this in lieu of issuing a Cleanup and Abatement Order which assisted the USFS in obtaining finding. This requires the USFS to provide the Water Board with an annual report through 2009. Staff have reviewed the 2005 report. Following is a summary of accomplishments reported to date for the Colorado Hill Watershed Project:

- Curtz Mine: waste rock dump has been re-contoured and capped with 2 feet of topsoil, seed, mulched and fenced. A small wetland created by adit drainage and disturbed by grading was re-established. Thirty-eight drums of lead-contaminated highly acidic mill waste were removed from the site and properly disposed of at a hazardous waste facility.
- Acid mine drainage infiltration trenches were constructed at the Loope and Deadman mines and waste rock dumps were reclaimed.
- Both Lovestedt Mine tailing impoundments were capped with waste rock and topsoil and revegetated. A 55-gallon drum containing five to ten gallons of xylenol, a septic tank disinfectant, was uncovered on-site, and removed for proper disposal at a hazardous waste facility.
- Zaca Mine: Tailings along Monitor Creek were stabilized and revegetated with large willow plants. An infiltration gallery was constructed for the lower advance adit to eliminate direct discharge of acid mine drainage to Monitor Creek.

Winter Update: Storms this January washed out the backfill used for the adit infiltration

gallery. This was repaired, and the gallery is functioning properly.

Future activities involve implementation of a monitoring program beginning 2006 that includes: (a) three years of sampling monitoring wells; (b) inspection of the infiltration gallery; (c) revegetation monitoring; and (d) two years of in-stream water quality and macroinvertebrate sampling.

### **3. Meeting With the Markleeville Public Utility District's New Board, Alpine County - Rob Tucker**

Staff was invited to attend the Markleeville Public Utility District Board meeting of January 11, 2006. The all-volunteer Board has four new members (of five, total) and they were interested in: 1) the District's current compliance status with its waste discharge requirements (WDRs), 2) staff's understanding of impacts on the District of a proposed Statewide General Permit for sewer collection systems and 3) Water Board policies regarding small sewer systems (the District is among the smallest in the Region).

Staff provided a detailed review of the current WDRs, monitoring and reporting requirements, and details on the District's compliance history. Overall, the District's wastewater treatment facility has been reliable, but compliance with monitoring and reporting requirements has been lacking at times due to problems with maintaining a certified facility operator. Staff discussed the draft Statewide General Permit for collection systems, basically emphasizing that it addresses a need that has been identified throughout the state to maintain collection system infrastructure and prevent and report spills. Due to the small size of the District collection system, it should not be

difficult or expensive to comply with the proposed requirements. We also reminded the new District Board that the Water Board had assisted them to attain \$200,000 in grant funding to protect their collection system infrastructure from erosion several years ago. Staff explained that it understands some of the challenges of smaller districts, and attempts to fairly apply equitable standards to all the utility districts.

The meeting was very productive in that the Board members were informed of the District's current compliance history and its monitoring and reporting requirements. The District was in the process of training and hiring a certified operator, and staff expects compliance to improve based on what transpired at the meeting.

## SOUTH BASIN

### 4. Searles Valley Minerals, (SVM) Compliance Status - Kai Dunn

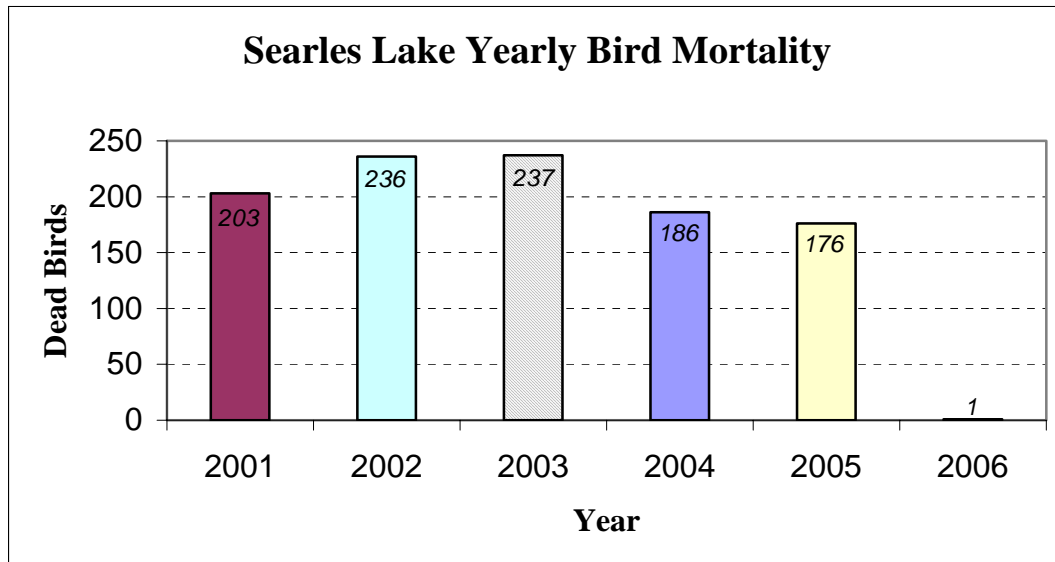
#### Compliance Status

Reporting data from SVM shows that the discharge from Trona, Argus, and Westend Plants complied with the effluent limits set forth in the Waste Discharge Requirements (WDRs) during the time period December 16, 2005 – January 15, 2006.

four dead birds were collected on the percolation pond and on the roads adjacent to the percolation pond. All birds found at Searles Dry Lake are sent to the International Bird Research Rescue Center, Trona site staff. The total number of dead birds collected at Searles Dry Lake for the year 2005 is less than previous years, and about 8% less than year 2004. A chart showing bird mortality from 2001 to present is included at the end of this report.

#### Bird Report

During the time period December 16, 2005 through January 15, 2006, one live bird and



**5. Los Angeles County Sanitation District No. 20 & City of Los Angeles World Airports, Palmdale Water Reclamation Plant, Compliance Status – Greg Cash**

Section 9 Lease Report – Board staff has initially reviewed the Districts' response to the Regional Board's December 5, 2005 Order requesting information regarding alternative discharge options should the Section 9 lease be terminated. The District provided a feasibility analysis which considered five options: 1) early implementation of storage reservoirs, 2) constructing a small advanced wastewater treatment unit, 3) expediting land purchase and pipeline construction, 4) temporarily leasing additional land either from Los Angeles World Airports (Airports) or other parties, and 5) irrigating above agronomic rates on pivots in the existing Effluent Management Site. The District concluded that it would implement options if the Airport decided to terminate the Section 9 lease agreement.

A table summarizing compliance tasks for LACSD No. 20 is attached at the end of this report.

**6. Los Angeles County Sanitation District No. 14 (Lancaster), Status of Compliance with Cease and Desist Order and Waste Discharge Requirements – Curt Shifrer**

**Status of Compliance with the Cease and Desist Order through December 31, 2005**

The Cease and Desist Order (CDO) requires the District to meet a series of eight diversion requirements, which specify that effluent be diverted to alternative legal points of disposal other than Paiute Ponds. Each diversion requirement may be met by implementing a project described in the CDO or another project that would achieve

the same results. Diversions are required to occur mainly during the winter (between beginning and ending due dates specified in the CDO). Board staff review of quarterly compliance reports identified the following issues of concern.

It appears the District did not meet Diversion Requirement 1 (a one-time diversion) during the winter of 2004/2005. Diversion Requirements 2 and 3 require diversions from November 1, 2005 through April 1, 2006 and annually thereafter (from November 1 through April 1). It appears the District will not meet the diversions for the period of November 1, 2005 through April 1, 2006, but may be able to meet future diversions under Diversion Requirements 2 and 3.

The District is not likely to meet the first due date for Diversion Requirement 4, but may meet subsequent due dates for this requirement. District compliance with due dates for Diversion Requirements 5 through 8 and the final CDO compliance date of October 1, 2008 is not likely. Final compliance is likely to be delayed up to one year.

**Diversions 2, 3 and 4**

The District has submitted proposals for increasing production of disinfected tertiary recycled water and supplying the water to additional sites. Under the proposals, the recycled water would be supplied to sites in addition to those the District already supplies (Apollo Park, the District's treatment plant greenbelt, construction sites permitted under Conditional Waiver No. R6V-2005-0018). Proposed additional uses would consist of landscape and greenbelt irrigation, small irrigated agriculture (160 acres or less), and construction dust control. Board staff has circulated a tentative Master

Recycling Requirements regulating use of Disinfected Tertiary Recycled Water within the sewer-service area for District. The service area covers most of the City of Lancaster, parts of the City of Palmdale and portions of the unincorporated areas of the County of Los Angeles. The District's existing tertiary treatment plant has capacity to generate 0.5 mgd of the recycled water. In the past, the plant has not been operated at full capacity. The District is proposing to increase production of recycled water at this plant and construct a new 1.0 mgd pilot tertiary treatment plant, expanding the District's capacity to generate 1.5 mgd of recycled water. The District expects its new 1.0 mgd tertiary treatment plant will be constructed and placed into operation by September 2006. Pending completion of California Environmental Quality Act compliance for the project, Board staff expects to propose waste discharge requirements to the Regional Board for these proposed uses in early 2006.

The District submitted two Reports of Waste Discharge (RWDs) for use of recycled water: (1) a December 29, 2005 RWD for reuse of water for dust control and compaction during construction of irrigation infrastructure at the Phase 1 area of the East Ag Site (1920 acres) and, (2) a January 5, 2006 RWD for irrigation of crops at the Phase 1A area of the East Ag Site. Both RWDs are currently under review.

A table summarizing compliance tasks for LACSD No. 14 is attached at the end of this report.

**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
<b>Required by Cease and Desist Order R6V-2004-039 (District only)</b>		
<b>Interim Plant Improvements</b>		
I.A. – Limit total effluent nitrogen to 28 mg/L	November 1, 2004 – October 31, 2005 (annually thereafter)	Not met
<b>Limit Nitrogen</b>		
I.B. – In 2004, limit land spreading nitrogen to 188 tons	December 31, 2004	Not met
I.C. – In 2005, limit land spreading nitrogen to 99 tons	December 31, 2005	Not met
I.D. – In 2006, limit land spreading nitrogen to 80 tons	December 31, 2006	
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	
<b>Complete New Facilities</b>		
II. – Complete facilities to remain in compliance	November 15, 2009	
<b>Reporting</b>		
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	
	July 15, 2006	
IV.B. – Submit Feasibility Study Report evaluating measures to eliminate land spreading by October 15, 2007	April 1, 2005	
<b>Required by Cleanup and Abatement Order R6V 2003-056 (District and Airport)</b>		
<b>Plume Delineation</b>		
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	In-progress
<b>Plume Containment</b>		
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

PERFORMANCE TASK	DUE DATE	STATUS
1.2.3 – Achieve plume containment	September 30, 2005	Not met
<b>Plume Remediation</b>		
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	Submitted Plan
<b>Abatement</b>		
2.1 – Submit a plan describing proposed abatement actions	March 31, 2004	Submitted
<b>Reporting</b>		
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	
	July 15, 2006	
October 15, 2006		
<b>Required by: Waste Discharge Requirements 6-00-57</b>		
<b>Board Order 6-00-57-A01</b>		
<b>Board Order 6-00-57-A02</b>		
<b>Board Order 6-00-57-A03</b>		
<b>(District only)</b>		
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
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
<b>Required by: Monitoring and Reporting Program 00-57-A01</b>		
<b>Monitoring and Reporting Program 00-57-A02</b>		
<b>Monitoring and Reporting Program 00-57-A03</b>		



PERFORMANCE TASK	DUE DATE	STATUS	
<b>Monitoring and Reporting Program 00-57-A04 (District only)</b>			
<b>Sampling and Analysis Plan</b>			
A01/II.A.1 & A02/2 – Submit a Sampling and Analysis Plan	March 31, 2004	Submitted	
	June 1, 2004	Submitted	
<b>Wind Speed Monitoring</b>			
II.A.3. – Submit a Wind Speed Monitoring Plan	March 31, 2004	Submitted	
<b>Final Report</b>			
I.E.4. – Report Completion of removing old vadose zone monitoring system	January 1, 2006	Submitted	
<b>Annual Report</b>			
I.G.1. – Submit an Annual Cropping Plan	November 15, 2005	Submitted	
<b>Quarterly Report</b>			
I.G.2. – Effluent Management Site Monitoring Report	January 15, 2005	Submitted	
	April 15, 2005	Submitted	
	July 15, 2005	Submitted	
	October 15, 2005	Submitted	
	January 15, 2006		
	April 15, 2006		
	July 15, 2006		
	October 15, 2006		
<b>Monthly Report</b>			
G.3. – Recycled Water Treatment and Use Report	Monthly	Ongoing	
<b>Monthly Report</b>			
II.B.1 – Begin submitting Monthly reports for	Monthly – 30 days following	Ongoing	
- Facility Influent Monitoring			
- Facility Effluent Monitoring			
- Operation and Maintenance			
- Biosolids Disposal			
<b>Quarterly Report</b>			
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	
	- Chemical Use Monitoring	May 1, 2006	
		August 1, 2006	
	November 1, 2006		
<b>Annual Report</b>			
II.B.3. – Begin submitting Annual reports for	March 1, 2005	Submitted	
	- Operations & Compliance Summary	March 1, 2006	
	- Certified Operator status	March 1, 2007	
	- Health and Safety Compliance	March 1, 2008	
	- Chemical Use Monitoring	March 1, 2009	
	- Federal Biosolids Report		
<b>Required by Resolution No. R6V-2005-0010 (District only)</b>			
<b>Cleanup Standards</b>			

PERFORMANCE TASK	DUE DATE	STATUS
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	Not met
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	
<b>Required by recent letters from the Executive Officer (District and/or Airport)</b>		
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 <sup>rd</sup> 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
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

PERFORMANCE TASK	DUE DATE	STATUS
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

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

PERFORMANCE TASK	DUE DATE	STATUS
<b>Required by: Waste Discharge Requirements</b>		
<b>Board Order R6V 2002-053</b>		
<b>Board Order R6V 2002-053A1</b>		
<b>Chlorine Toxicity</b>		
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
<b>Ammonia Toxicity</b>		
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	
<b>Abandoned Wells</b>		
II.B.3. – Submit work plan to identify and destroy abandoned wells	January 1, 2003	Submitted
<b>Nuisance Condition</b>		
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	
<b>Groundwater Monitoring</b>		
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
<b>Annual Compliance Reports</b>		
II.E.3. - Submit annual self monitoring report compliance and monitoring summary, including actions taken or planned to bring discharger into compliance	April 1, 2005	Submitted
	ongoing	

PERFORMANCE TASK	DUE DATE	STATUS
<b>Required by: Cease and Desist Order R6V-2004-0038</b>		
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	Not met
I.B. – Divert 150 MG of effluent and discharge to an alternative legal disposal point other than Paiute Ponds	Beginning November 1, 2005, and annually thereafter until final compliance is achieved.	
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 incomplete.
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.	
I.C.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	July 12, 2005	Not met. RWD incomplete.
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, and annually thereafter until final compliance is achieved.	
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 incomplete.
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, and annually thereafter until final compliance is achieved.	
I.E.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2006	
I.E.2. – Submit proposal if the Discharger chooses to implement another compliance method	May 13, 2006	
I.F. – Divert 280 MG of effluent and discharge to two temporary storage ponds for evaporative loss	Beginning October 1, 2006, and annually thereafter until final compliance is achieved.	
I.F.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2006	

PERFORMANCE TASK	DUE DATE	STATUS
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, and annually thereafter until final compliance is achieved.	
I.G.1. – Submit a report of waste discharge if the Discharger decides to implement this interim measure, or	May 13, 2006	
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.	
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	
<b>Final Compliance</b>		
II. – Eliminate the effluent-induced overflows from Paiute Ponds to Rosamond Dry Lake	October 1, 2008	
II.A.2. – Submit a report of waste discharge for the new storage and disposal sites	November 30, 2004	Not met
II.B. – Submit a detailed plan and implementation schedule for all facilities necessary to achieve compliance if the Discharger intends to achieve timely compliance by an alternative method	June 1, 2005	Submitted
<b>Status Report</b>		
III. – Submit quarterly status reports until final compliance achieved	January 15, April 15, July 15, and October 15	Ongoing
<b>Required by recent letters from the Executive Officer</b>		
<b>Groundwater Investigation</b>		
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 7**

**Notification of Spills**  
(Unauthorized Waste Discharges)  
(February 2006)

**EO'S Monthly Report**  
**12/16/05 - 1/15/06**  
**Unauthorized Waste Discharges**

**COUNTY: EL DORADO**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
United Rental -- Truck	Lake Tahoe Middle School	N	N	Crank case oil	N	12/28/2005	10 gallons	United Rental truck driver drove into parking lot light spilling oil onto the lot and into drop inlets on either side of lot. Drop inlets drain to detention basin with sand/oil separator before basin.	Ground, drop inlets	N	Absorbent pads placed. Too much rain to use vactor truck. Action pending determination of extent of contamination.

**COUNTY: INYO**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Justin Wilkins Knight Transportation -- US 395	CHP Scales Just south of Bishop	S	N	Diesel Fuel	N	1/3/2006	50 Gallons	Vehicle hit object in roadway and fuel line ruptured.	Pavement	N	Cleanup complete. Caltrans and CHP onsite for cleanup. No further action recommended.

**COUNTY: MONO**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Chad Djuric No Future Trucking --	US 6, just south of Nevada State Line	S	N	Diesel Fuel	N	1/3/2006	50 to 100 gallons	Vehicle accident caused a rupture to tank.	Pavement	N	Spill contained and cleaned by Caltrans. No further action recommended.



**COUNTY: PLACER**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
Derek Hardesty --	Eastbound I-80, east of Hirsdale Road	<input type="checkbox"/>	<input type="checkbox"/>	Diesel	<input type="checkbox"/>	11/30/2005	30 gallons	Released from saddle tank of jack-knifed big rig.	Ground	<input type="checkbox"/>	No further action recommended.

**COUNTY: SAN BERNARDINO**

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
FPL Energy/ Kramer Junction Co. -- SEGS III-VII Kramer Junction Facility	41100 Highway 395 Boron, CA 93516	<input type="checkbox"/>	<input type="checkbox"/>	Synthetic Oil (HTF - Monsanto VP-1)	<input type="checkbox"/>	12/30/2005	50 gallons	Substance spilled during maintenance on a vent valve.	Ground	<input type="checkbox"/>	Clean up complete. Staff trained. Maintenance issue corrected. Soil sampling to occur after ground dries from rain. Recommendation pending report review.
Southern California Edison -- Transformer	21068 Bear Valley Rd Apple Valley	<input type="checkbox"/>	<input type="checkbox"/>	Mineral Oil No PCB	<input type="checkbox"/>	1/2/2006	60 gallons	Powerpole with a transformer knocked down. Mineral oil spilled.	Ground	<input type="checkbox"/>	Clean up complete. No further action recommended.
J. C. Coding Company -- ITT Systems@ Goldstone Rd.	Bld G93 Near Ft. Irwin	<input type="checkbox"/>	<input type="checkbox"/>	Diesel	<input type="checkbox"/>	1/3/2006	55 Gallons	Container was on a pallet, ropes that secured it were not tight enough. The wind blew it over.	Ground	<input type="checkbox"/>	Cleanup complete. Samples collected. No further action recommended.
Unknown -- Pilot Truck Stop	8701 Hwy 395 Hesperia	<input type="checkbox"/>	<input type="checkbox"/>	Diesel	<input type="checkbox"/>	1/6/2006	175 Gallons	Tractor Trailer was parked at the truck stop and someone backed into his saddle tank and punctured it.	Ground	<input type="checkbox"/>	Cleanup by contractor complete. No further action recommended.

COUNTY: SAN BERNARDINO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Hazardous?	Spill Date	Discharge Volume	Description of Failure	Discharge To	Prop 65	Status
FPL Energy/Kramer Junction Company -- SEGS III-VII Kramer Junction Facility	41100 Highway 395 Boron, CA 93516	<input type="checkbox"/> S	<input type="checkbox"/> Y	Synthetic Oil (HTF Monsanto VP-1)	<input type="checkbox"/> N	1/9/2006	50 Gallons	Release from packing port inside SEGS VI unit occurred during routine maintenance to ball-joint assembly.	Ground	<input type="checkbox"/> N	Cleanup complete. Verification sampling to be done. Maintenance crew will inspect similar components of facility to prevent further release. Recommendation for further action pending report review.
Lake Arrowhead CSD -- Lake Arrowhead Sewer	27411 Cottonwood Lake Arrowhead	<input type="checkbox"/> S	<input type="checkbox"/> Y	Raw sewage	<input type="checkbox"/> N	1/11/2006	100 Gallons	Obstruction in manhole caused manhole to overflow into unnamed seasonal creek. Creek is flowing and drains into Lake Arrowhead.	Surface water in creek	<input type="checkbox"/> N	Cleanup complete. Built dike to contain spill. Lake Arrowhead CSD pumped water from creek into sewer. Recommendation pending report review.

# **ENCLOSURE 8**

## **Notification of Closure of Underground Storage Tank Cases (February 2006)**

**CASE CLOSURE REPORT**  
**February 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 January								

**Notes:**

TPHd = Total petroleum hydrocarbons quantified as diesel

TPHg = Total petroleum hydrocarbons quantified as gasoline