### CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LAHONTAN REGION

#### MEETING OF MARCH 14-15, 2012 Barstow, CA

ITEM: 6

SUBJECT: EXECUTIVE OFFICER'S REPORT

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

ENCLOSURE:	ITEM:	BATES NUMBER:
1	Discussion of Standing Items	6-5
2	Executive Officer's Written Report	6-9
3	Notification of Spills (from December 16, 2011 – February 15, 2012)	6-27
4	Notification of Closure of Underground Storage Tank Cases (from December 16, 2011 – February 15, 2012)	6-33
5	4 <sup>th</sup> Quarter Violation Report	6-37

### **ENCLOSURE 1**

# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LAHONTAN REGION

#### **REPORT ON STATUS OF STANDING ITEMS**

**January 16 – February 15, 2012** 

The Water 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 the dates the items are due.

I	ENTIRE BASIN	
ISSUE	FREQUENCY	DUE DATE
Lake Tahoe Nearshore Standards	Semi-Annual	Due June 2012
Status of Basin Plan Amendments	Semi-Annual	Due June 2012
Status of Grants	Semi-Annual	Due June 2012
Caltrans Statewide General Permit/Tahoe Basin	Annually	Due April 2012
Tahoe Municipal Permit	Annually	Due June 2012
County Sanitation Districts of Los Angeles - District No. 14	Semi-Annual	Due May 2012
County Sanitation Districts of Los Angeles - District No. 20	Semi-Annual	Due May 2012
Status of Dairies	Semi-Annual	Due May 2012
Searles Valley Minerals Operations - Compliance Status	Semi-Annual	Due May 2012

### **ENCLOSURE 2**



#### Lahontan Regional Water Quality Control Board



### **EXECUTIVE OFFICER'S REPORT**

### February 2012

#### **NORTH BASIN**

1. Approval of Cleanup and Abatement Account Funding for the Tahoe Meadows Domestic Well Remedial Investigation Project – Brian Grey

Tetrachloroethylene (PCE), a common dry cleaning solvent, was detected in private domestic wells within the Tahoe Meadows subdivision on Labor Day weekend of 2007 following a resident's complaint of a solvent taste in their drinking water. Water Board staff has performed semi-annual groundwater monitoring of select domestic wells within the Tahoe Meadows subdivision following the initial complaint.

The groundwater monitoring results show six domestic wells consistently have PCE concentrations above the primary maximum contaminant level (MCL) of 5 micrograms per liter ( $\mu$ g/L). Additionally, methyl tertiary-butyl ether (MTBE) concentrations have been reported above the 13  $\mu$ g/L MCL in three of the domestic wells already impacted by PCE.

Currently, there is no identified responsible party for the MTBE or PCE contamination after an up-gradient investigation did not indicate significant groundwater contamination around former dry cleaner locations. Cleanup and Abatement Account money that has been used for the semi-

annual sampling of the domestic wells expired this last fiscal year.

I submitted a request to the Cleanup and Abatement Account to fund a subsurface investigation of the extent of contamination in the Tahoe Meadows subdivision. The investigation will include the advancement of borings and collection of hydrogeologic and water quality data to aid Water Board staff in identifying potential responsible parties. The request was approved in January 2012 for the amount of \$97,431.

In the coming months, staff will be working with State Water Board staff on bid solicitation, contractor selection, and contract preparation so that the proposed investigatory work can begin by the fall of 2012. Staff will also be distributing an informational letter to the existing interested parties list by the end of January 2012, and presenting an informational item at the Tahoe Meadows annual homeowner's association meeting in summer 2012.

2. Tentative Waste Discharge Requirements for the USFS South Shore Fuel Reduction and Healthy Forest Restoration Project – George Cella

Lahontan Water Board staff has posted Tentative Waste Discharge Requirements and Monitoring and Reporting Program

(Tentative WDR) and draft environmental documentation for the USFS Lake Tahoe Management Unit (LTBMU) South Shore Fuel Reduction and Healthy Forest Restoration Project (Project). The Lahontan Water Board is the Lead Agency under the California Environmental Quality Act for the Project. The draft environmental documentation consists of a mitigated negative declaration which relies on a combination of the LTBMU's Final **Environmental Impact Statement and** Record of Decision for the Project along with required mitigation and monitoring in the Tentative WDR. Public comments on the Tentative WDR and draft environmental documentation are due to the Water Board by February 27, 2012. The Lahontan Water Board anticipates considering the Tentative WDR and environmental documentation at its April 11-12, 2012 board meeting.

3. Southern Nevada Public Lands
Management Act (SNPLMA) Round 12
Science Proposal Update for the Tahoe
Basin Hannah Schembri

The United States Forest Service Pacific Southwest Research Station (PSW) administers the competitive Tahoe Science Program with funding provided by the Bureau of Land Management under the Southern Nevada Public Lands Management Act (SNPLMA). For Round 12, PSW received 41 proposals for research supporting the Lake Tahoe Restoration Act and the Lake Tahoe Environmental Improvement Program. The 41 proposals are competing for a total of \$3.75 million available.

The Tahoe Science Consortium, in consultation with staff and executives from Tahoe basin agencies, developed the Round 12 science themes and subthemes that guide development of research proposals. Four overarching themes are organized around the Lake Tahoe Environmental Improvement Program Focus areas: 1) Forest Health, 2) Watershed,

Water Quality, and Habitat Restoration, 3) Air Quality, and 4) Integrating Science. Each science theme area includes subthemes that address key management issues and areas where research is needed in the Tahoe Basin.

The process to review the 41 proposals (coordinated and conducted by Tahoe Science Consortium) began with an administrative review in late November 2011, followed by an independent technical peer review through December 2011 that determined which proposals advanced to eight Tahoe basin agencies for review. Eight Tahoe basin agencies review and rank the science proposals for relevancy: California Tahoe Conservancy, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, Lahontan Water Board, USFS Lake Tahoe Basin Management Unit, Nevada Division of Environmental Protection, Tahoe Regional Planning Agency, and the Nevada Division of State Lands. Based on technical and agency relevancy reviews, proposals are ranked for potential funding. The Tahoe Science Consortium, in concert with the eight agencies, is scheduled to select proposals for funding by early March 2012. For more information on this review process for the SNPLMA Science Program or Round 12 Science themes and subthemes, go to: http://www.fs.fed.us/psw/partnerships/tahoe science/.

#### **SOUTH BASIN**

#### 4. Edwards Air Force Base, Operable Unit 6, NASA Dryden Flight Research Center – John Steude

Operable Unit 6 at Edwards Air Force Base (EAFB) encompasses the National Aeronautics and Space Administration (NASA) Dryden Flight Research Center and is the first EAFB Operable Unit where a Record of Decision (ROD) stipulating a remedy for groundwater contamination has been in place for five years. The selected remedy is source treatment at groundwater contaminant hot spots using in situ chemical oxidation and bioremediation, and monitored natural attenuation for the remainder of the groundwater plume. Because contamination remains in the subsurface, a comprehensive review of the selected remedy is required every five years pursuant to the Comprehensive **Environmental Response and** Compensation Act (CERCLA).

During the remedy review completed at the end of 2011, it was determined by the California Department of Toxic Substances Control (DTSC), the U.S. **Environmental Protection Agency** (USEPA), Water Board staff, and the U.S. Air Force, that there are insufficient data to determine whether the groundwater plume is stable and not migrating, as stated in the ROD, and whether volatile organic compounds (VOCs), potentially originating from contaminated groundwater, are causing an unacceptable cancer risk to occupants of buildings located above or near contaminated groundwater. Additional sampling and analysis events for existing and possibly additional new monitoring wells will be required to generate the trend data needed to determine whether the plume is stable or migrating. A vapor

intrusion pathway evaluation will need to be conducted to fully determine whether the implemental remedy meets the ROD standard of protectiveness with respect to vapor intrusion. The indoor risk of exposure to vapor intrusion is uncertain until this vapor intrusion pathway evaluation is completed. Given the insufficient data with regard to the threat posed by the contaminated groundwater and the potential vapor intrusion issues, the USEPA has changed the Human Health Environmental Indicator determination for the site from "Current Human Exposures Controlled" to "Insufficient Data to Determine Human Exposure Control Status" until the identified data gaps are filled. Citing uncertainty regarding funding, the Air Force has set target dates to complete the vapor intrusion pathway evaluation in two years and complete the analysis of groundwater migration in five vears.

Additionally, the Air Force disagrees with all three regulatory agencies on the interpretation of regulations and policies pertaining to risk assessment and risk management. One issue is whether the appropriate risk management action level for cancer is one in a million (1 x 10<sup>-6</sup>), one in ten thousand (1 x 10<sup>-4</sup>) or somewhere between these two levels. A second issue is whether California toxicity criteria, that are stricter than federal toxicity criteria, should be used in risk assessments and in establishing cleanup levels. Upon receipt of the Air Force Work Plans to complete the required studies, Water Board staff will provide comments on compliance with state requirements.

5. Molycorp Inc.), Cleanup and Abatement Order No. 6-97-66, Status of Wastewater Pipeline Removal – Christy Hunter

A Cleanup and Abatement Order (CAO) was issued to Molycorp, National Park Service (NPS), and U.S. Bureau of Land Management (BLM) in 1997 requiring investigation of the pipeline spills and cleanup of pipe scale and contaminated soils. Waste discharge ceased in 1998. The investigation showed that wastewater and pipe scale, containing elevated levels of barium, uranium, thorium and radium, were discharged to lands owned by the NPS and the BLM. Subsequent investigations revealed two historic pipeline release locations, not associated with the 1996 releases, that were added to the scope of remedial activities. With the exception of two very minor and localized areas of contamination, all of the surface spill-related material was removed by the fall of 2000; however, miningrelated waste material remained in the buried pipeline and surrounding subsurface soil. During this time, thenowner Molycorp Inc., proposed to remediate all wastes associated with the pipeline including removal of the entire length of pipeline. The pipeline crossed public lands managed by the BLM, a portion of the Mojave National Preserve administered by the NPS, and Molycorp Minerals LLC (Molycorp) (new owner) property. BLM and the NPS, through their consultants, have provided oversight of these remediation activities, in concert with review from California Department of Public Health-Radiological Health Branch staff and Water Board staff.

In 2005, Molycorp Inc. was acquired by ChevronTexaco and in 2007 Chevron Mining Inc. (CMI) was created when the parent company (ChevronTexaco) merged its mining operations (the former

Pittsburg & Midway Coal Mining and Molycorp Inc.) into one unit. In 2009, Chevron Mining Inc., sold its ownership of the Mine to a newly created company, Molycorp Minerals LLC. However, CMI retained ownership and cleanup liability of the Ivanpah former evaporation ponds including the wastewater pipeline. In December 2009, CMI began implementation of an inter-agencyapproved work plan to remove and remediate pipeline-related spills. (Pipeline removal for a short [500 feet] segment of pipeline actually occurred in the summer of 2008 to accommodate expansion of nearby Interstate Highway 15.)

On January 12, 2012, the last section of formerly-used wastewater pipeline was removed from a 15-mile corridor that leads from the Mountain Pass Mine to the former Ivanpah evaporation ponds. This two-year project resulted in the removal of 14.8 miles of wastewater pipeline and remediation of mining-related contaminated soil caused by releases of wastewater from the pipeline during pipeline maintenance activities in 1996. Wastewater contained both liquid waste and solids (as scale) derived from the mining operations. Final documentation of this removal/remediation project will be provided to Water Board staff. Once the remediation is confirmed, the CAO No 6-97-66 can be rescinded.

6. Molycorp Minerals LLC. Cleanup and Abatement Order No. 6-98-19, Status of Mountain Pass Mine and Mill Groundwater Investigation – Christy Hunter

A Cleanup and Abatement Order (CAO) was issued in 1998 to the then owner/operator (Molycorp Inc., a subsidiary of Unocal) of the Mountain Pass Mine and Mill, which required Molycorp Inc. to implement a groundwater

and soil investigation and response program after groundwater pollution was detected at the Mountain Pass Mine. The Mine and Mill generates wastes and rare earth element products that historically have been discharged into both lined and unlined waste piles, landfills, surface impoundments and tailings ponds. Delineation of pollution east (Wheaton Wash plume) and west of the property (Western Wash plume), onto U.S. Bureau of Land Management (BLM) property, has been partially completed. An interim extraction system is operating on mine property to extract polluted groundwater until the site investigation is complete and a groundwater remedy is determined. On June 13, 2011, BLM granted final approval for right-of-way access to Molycorp Minerals LLC: in September 2011, two wells were drilled downgradient of the mine in Wheaton Wash. Water samples from these wells indicate miningrelated constituents are present in the shallow aguifer. Preliminary results indicates constituents are attenuating downgradient as compared to sample results from the nearest impacted upgradient well. The final report for this effort of investigation was submitted in December 2011, and is under review by Water Board staff. Staff with the BLM and National Park Service (NPS) will be providing us with comments on this document. It is expected that once our comments are addressed, Molycorp will proceed with developing a feasibility study to address a final cleanup remedy of the groundwater plume beneath mine property and off-site.

Molycorp also has provided documentation for the soil-cleanup progress that has occurred on Mine property from 2004 through 2005 with proposals for further site delineation for additional cleanup activities. Further soil contaminant delineation was proposed by

Molycorp in response to Water Board staff comments on their final soil investigation report. Molycorp proposes to complete additional soil surveys, soil sampling, and develop risk-based soil cleanup levels this year. It is expected that these cleanup levels will be developed and submitted for multi-agency review and approval to be completed by the end of this year. Final soil cleanup is proposed to be completed by the spring of 2013.

#### 7. Dairy Update - Ghasem Pour-ghasemi

In August 2011, Water Board staff issued Cleanup and Abatement Orders (CAOs) to four dairies requiring them to provide bottled water for consumption and cooking to nearby residents whose drinking water wells are affected by dairy operations with nitrate and total dissolved solid (TDS) levels over the drinking water maximum contaminant levels. Approximately 30 residents are receiving bottled water from these dairies. The Orders also required the dairies to conduct quarterly sampling of the nearby affected area and analyze groundwater samples for nitrate, TDS, general minerals, and bacteria.

At the request of these four dairies, Water Board staff met with these dairymen and Western United Dairymen's representative on December 21, 2011. The dairymen requested less frequent sampling and to reduce sampling for only nitrate and TDS. On January 19, 2012, all four CAOs were amended to require: 1) sampling for nitrate and TDS every ninemonths, and 2) sampling for general minerals every 27 months. Amended CAOs require dairies to provide bottled water when nitrate as N concentration ranges from 6 mg/L to 8 mg/L depending on the standard of deviation from the previous nine-month sampling from a particular dairy. The tradeoff is that a

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reduced sampling frequency is allowed and in return, some residents will obtain bottled water even though their well nitrate concentrations are currently within acceptable limits. This would prevent the affected residents from drinking water that might exceed the maximum contaminant level limits during the nine-month period until the next sampling event.

#### 8. Adelanto Wastewater Plant Groundwater Monitoring Well Installation – Jehiel Cass

On December 29, 2011, Staff met with Adelanto City staff (Tom Thornton, City Engineer and John Sponslor, Water/Wastewater Manager) to discuss the following groundwater monitoring issues associated with the Adelanto Wastewater Treatment Plant.

Excessive Turbidity – After re-developing the six existing wells in September 2011, it was discovered that the wells produced excessive turbidity, indicating either well screen damage or improper screen size selection during construction. These wells will be redeveloped prior to the first quarter 2012 sampling. If excessive turbidity remains, the City will submit a plan for possible well replacement.

New Well Installation - In December 2011, the City of Adelanto installed six new groundwater monitoring wells for evaluating groundwater quality near wastewater disposal percolation ponds. Some well locations differed from that shown in the Workplan. A final well construction report will be submitted in the First Quarter 2012 Monitoring Report also describing the rationale for the final locations selected.

Sampling and Analysis Plan – The existing Sampling and Analysis Plan inadequately describes groundwater well

purging and sample collection procedures. A revised plan will be submitted in the First Quarter 2012 Monitoring Report.



#### Lahontan Regional Water Quality Control Board



### **EXECUTIVE OFFICER'S REPORT**

### March 2012

#### **NORTH BASIN**

1. Memorandum of Understanding between the Water Board and the Town of Truckee Regarding Permitting and Oversight of Small Construction Projects, Nevada County - Dale Payne

In 2003, the Water Board adopted a General Permit to regulate small construction project storm water discharges to surface waters through drainage conveyance or municipal separate storm sewer facilities within certain hydrologic units/areas in the Lahontan Region, including the Truckee River Hydrologic Area. Small construction projects are categorized as activity that results in at least 10,000 square feet but less than one acre of soil disturbance. The requirement for small construction project proponents to obtain coverage under this General Permit may be waived if they are in a jurisdiction that has entered into a Memorandum of Understanding (MOU) with the Water Board. The MOU is intended to acknowledge the jurisdiction's program to permit and oversee this category of projects.

At the request of the Town of Truckee (Town), I have signed a MOU between the Water Board and the Town. The MOU provides a clear operating policy between the Water Board and the Town on the implementation of the Town's Standards governing construction erosion control, and permitting activities of small projects and

related activities. These Standards will act as guidelines for the MOU between the Water Board and the Town, will reduce permitting burdens and costs for the public and agencies, and will provide for adequate regulation in accordance with Water Board Requirements.

2. Mountain Warfare Training Center, Coleville Housing Wastewater Treatment and Disposal Facility - Rob Tucker

During the last quarter of 2011 the Mountain Warfare Training Center Coleville housing facility (facility) exceeded the maximum daily flow of 39,000 gallons/day for three days in the months of November and December. The average daily flow for those months was approximately 27,000 gallons per day, so the community septic system received some peak flows in violation and not a continuous flow over the allowance. The increase in flow was expected and is why the Facility is being upgraded under revised Board Order No. R6T-2011-0020 adopted in April 2011.

The construction of the wastewater treatment and disposal system started last summer and continued into the fall. The new subsurface infiltration basin and the reconstructed storm water retention basin have been completed. Portions of the wastewater treatment system are being prefabricated offsite and those components

are being targeted for delivery in March-April. Concrete pads for these prefabricated parts will be completed prior to delivery. The Discharger is targeting to get the wastewater plant installed and begin testing the operation this summer of 2012.

## 3. Restoring Water Quality and Aquatic Ecosystems – a workshop for Watershed Management Plans - Richard Booth

The USEPA funds watershed-based water quality plans under the Clean Water Act section 319(h) program. They sponsored a two-day workshop in Sacramento February 8 & 9 for Water Board staff and CWA 319h grant applicants.

The USEPA provided information on developing and implementing watershed management plans consistent with their Nine Key Elements of a Watershed-Based Plan (Nine-Key Elements) which concentrates on nonpoint source (NPS) pollution sources. These Nine-Key Element Plans include active participation from stakeholders, analysis and quantification of the specific causes and sources, identification of measureable water quality goals, and implementation of specific actions needed to solve those problems.

The workshop explored the relationship between existing watershed management plans and total maximum daily load (TMDL) implementation plans and how their components can be incorporated into a Nine-Key Element Plan. Several Lahontan NPS and TMDL staff attended to learn from the training, the case studies, and modeling exercises. Lahontan staff learned how to enhance water quality by sharing consistent NPS and TMDL implementation strategies. Identification of pollutant sources and reductions needed to meet water quality standards are the essence of TMDLs. This information sets a foundation for a watershed management plan.

Numerous 319h grantees presented case studies of successful plans as part of their watershed management. If the attendees use the lessons gained from these case studies, the 319h funding will be optimal and water quality will measurably improve.

### 4. Lake Tahoe TMDL Management System Update - Hannah Schembri

The Nevada Division of Environmental Protection (NDEP), in consultation with the Lahontan Water Board, awarded the contract to develop the TMDL Management System to Environmental Incentives (and eight subcontractors). The primary purpose of the TMDL Management System is to promote effective implementation of the Lake Tahoe TMDL and to develop a process for adaptive management. The overarching goal for this project is to design and execute a system for agencies to collaborate with implementers and continually improve efforts for restoring Lake Tahoe's clarity.

The TMDL Management System project is bringing together the parties involved in implementing the TMDL to define a set of operations to coordinate monitoring, reporting, research findings, and policy decisions. Currently the project contractors are creating a project Charter and soliciting for Project Advisory Committee members from various implementing agencies in the Tahoe basin both in California and Nevada. Additionally the Stakeholder Participation Strategy is under development by the contractors.

Some of the key milestones of this project include: (1) a manual for NDEP and the Lahontan Water Board to consistently evaluate TMDL implementation and the process for future adjustments based on new knowledge (adaptive management), (2) protocols defined for non-urban source category load reduction estimates, (3) a Public Reporting Platform for NDEP and Lahontan Water Board to summarize and report to the public load reduction

accomplishments from all source categories, and (4) an Activity Tracking System to help TMDL participants manage efforts and enable collaboration. Many products and templates will be developed in 2012, with pilot implementation of the TMDL Management System for a full year of operation in 2013, and the end product ready for full operation of the TMDL Management System in early 2014.

## 5. Bridgeport Grazing Waiver Public Comment Period Initiated, Mono County - Bruce Warden

Water Board staff has initiated efforts to renew the waiver of waste discharge requirements (Grazing Waiver) for ranching operations that discharge to the East Walker River and its tributaries. The current waiver expires in June 2012. Under the current schedule, the Water Board would consider adopting a new waiver at its April 2012 Board Meeting.

As with most waste discharge requirements considered by the Water Board, the discharger and stake holders have two opportunities to provide comments prior to consideration of the waiver by the Water Board. On January 23, 2012, Water Board staff circulated a first draft of the Grazing Waiver for comment. Based on comments received, Water Board staff will make appropriate changes and then circulate a second draft for comment. This second comment period is expected to begin in early March and extend for 30 days.

#### **SOUTH BASIN**

6. Adelanto Public Utility Authority Compliance Status - Eric Taxer

Cease and Desist Order No. R6V-2011-0015A1, adopted by the Water Board at its May 2011 meeting, requires the Adelanto Public Utility Authority (District) to comply with past enforcement orders and additional conditions. The requirements are intended to assist the District to adequately treat and dispose all wastewater generated and expected to be generated by the City of Adelanto. Current wastewater flows exceed the treatment plant's treatment and disposal capacity. The Water Board last received an update of the District's compliance status with the Cease and Desist Order in its December, 2011 Executive Officer's report. The following activities have occurred from November 15, 2011 through February 15, 2012:

- The District previously restored Percolation Pond No. 4 in accordance with Cease and Desist Order No. R6V-2011-0015A1, but, the pond solids have been inappropriately stored on site. The District has evaluated, and continues to evaluate, options for appropriate disposal options for the pond solids.
- The District installed additional ground water monitoring wells (Nos. 7, 8, 9, 10, and a replacement well for monitoring well No. 1) in December 2011. Water Board staff (correspondence dated December 20 and 22, 2011) requested the submittal of a work plan to complete well-development activities for all existing wells to be completed in time so that associated ground water monitoring data may be included in the 2012 first quarter monitoring report (to be

submitted on April 30, 2012).

- The District submitted its Flow and Effluent Compliance Plan and Implementation Schedule on December 21, 2011. This plan was required to be submitted September 15, 2010 by Investigative Order No. R6V-2010-0035. A previouslysubmitted plan was deemed to be deficient by Water Board staff. The recent plan is being reviewed by Water Board staff.
- Water Board staff responded to the District's October 28, 2011 Spill Contingency Management Plan on January 9, 2012. The plan was submitted pursuant to Cleanup and Abatement Order No. R6V-2010-0054. The plan identifies emergency diversions to un-permitted areas: however, the identified areas will likely provide the best control under emergency situations. Although Water Board staff cannot accept a plan that identifies potential discharges to unauthorized areas, no further amendments to the plan are being required at this time.

Water Board staff requested a copy of the referenced Percolation Pond Maintenance Management Plan, and the plan was submitted on February 1, 2012. Water Board staff is currently reviewing this plan.

 The District submitted its quarterly status report on January 14, 2012.
 The District identified that Psomas (a consulting engineering company) has been retained for the wastewater treatment plant expansion.

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- Tom Thornton replaced Wilson So as the Director of Public Works and City Engineer. Mr. Thornton was previously the City of Hesperia's senior engineer.
- On February 8, 2012, the City of Adelanto contracted with PERC to take over the construction of the tertiary system of the wastewater treatment plant. PERC was also hired to replace United Water-Suez as the Operations and Maintenance contractor. PERC provided a schedule for completing the treatment plant and having it operational by July 21, 2013. However, the District noted that a more reasonable schedule would have the treatment plant operational by December, 2013, due to unanticipated delays.
- The District submitted its Nitrogen Effluent Limitation Compliance Plan on January 30, 2012. The plan was required to be submitted on January 15, 2011 by Water Board Order No. R6V-2009-0036. Water Board staff is currently reviewing this plan.
- 7. Emergency, Abandoned, and Recalcitrant (EAR) Account Funds Used at the Yermo Truck Stop Brian Grey

The California Health and Safety Code authorizes the State Water Board to provide funding to regional water boards, local agencies, and local oversight agencies to initiate direct cleanup of petroleum UST sites requiring corrective action to protect human health, safety, and the environment. The State Water Board receives annual nominations from the various oversight agencies that have sites that meet the EAR Account criteria. Based on the nominations received, the State Water Board compiles the EAR

Account Annual Site List. Since funding from the EAR Account is limited, the State Water Board allocates monies to the various projects depending on the number of nominations received, threat to human health and the environment, and funding availability.

The Yermo Truck Stop has been an abandoned site for many years. In the 1980s, the site was the likely source of petroleum contamination found in a local drinking water supply well. The Lahontan Water Board has recommended the site for the EAR Account Annual Site List for many years. This fiscal year the State Water Board authorized the site to receive funding to remove the three underground storage tanks (USTs) and associated piping at the abandoned fueling station.

Lahontan Water Board staff worked with the EAR Account contractor, San Bernardino County Fire Department, and legal counsel to develop and implement the scope of work to properly remove and dispose of the USTs and piping. With the contracts in effect, the contractor completed the UST removal in February 2012. Additional delineation of remaining soil contamination and investigation of contamination in the groundwater will be necessary to determine whether additional remediation is warranted. Staff will be drafting a scope of work for a contactor to perform these investigation activities, and anticipates the work can be conducted during the current fiscal year.

8. Mojave Water Agency Technical Advisory Committee Meeting – Jan M. Zimmerman

The Mojave Water Agency (MWA) is a public agency that manages groundwater resources in the Mojave, El Mirage, Lucerne Valley, Johnson Valley, and Morongo basins. MWA's service area is

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within the boundaries of both the Lahontan and Colorado River Water Boards, the majority being within Lahontan. Since 1994, MWA has been proactive in the development of a comprehensive water resources plan and in 2004 MWA worked closely with stakeholders to develop an Integrated Regional Water Management Plan (Mojave IRWMP). The Mojave IRWMP addresses components of groundwater management, urban water management and agricultural use, environmental habitat protection and restoration, and water quality. To engage stakeholder participation between the water purveyors, farmers, property owners and other stakeholder groups, MWA formed the Technical Advisory Committee (TAC). The TAC meets on a monthly basis to discuss regional water issues.

Water Board staff attended the TAC meeting held on February 2, 2012. During this meeting, MWA staff provided a status update for the timing of and costs associated with updating the Mojave IRWMP. MWA will be submitting an application for Proposition 84 planning grant funds to help support the planning effort to update the IRWMP. The application deadline for Round 2 is March 9, 2012, and the total combined award for Proposition 84 planning funds cannot exceed 75% of the total plan cost up to a maximum of \$1 million. The Bureau of Reclamation is considering awarding MWA a service grant to help with the costs of updating the IRWMP. This grant would not be monetary, but would be paid in work product and technical support in an amount not to exceed \$320,000.

The IRWMP update will include new sections that will address climate change, integrated flood management, water conservation, and salt and nutrient management planning. MWA staff

reminded stakeholders of their collaborative success and participation in the TAC for the 2004 IRWMP and urged the same level of participation for this revision. The TAC members were charged with identifying priority water management projects to be included in the updated plan and to be prepared to discuss those projects at future TAC meetings. MWA staff also presented an overview of the draft scope of work for the Salt and Nutrient Management Plan, and provided an update on the outcome of the Lahontan Water Board meeting held in January 2012.

# Salt/Nutrient Management Plan Meeting Antelope Valley Regional Water Management Group – Jan M. Zimmerman

Beginning in May 2006, member agencies of the Antelope Valley Regional Water Management Group (RWMG) have met and developed an Integrated Regional Water Management Plan (IRWMP). The purpose of the IRWMP is to develop a watershed-based approach for addressing water supply, water quality, flood control, land use, and environmental resource management as related to the Antelope Valley. The Antelope Valley IRWMP was adopted by the member agencies in December 2007 and January 2008. The Antelope Valley RWMG was formed through a Memorandum of Understanding (MOU) among 11 public agencies for development and implementation of the IRWMP.

Water Board staff attended a stakeholder Subcommittee meeting for the Antelope Valley RWMG Salt/Nutrient Management Plan (SMP) in January 2012 and provided the group with an update on the outcome of the Lahontan Water Board meeting held in October 2011. Staff commented that the feedback from the Water Board

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members on the group's SMP scope of work was positive and that the Water Board members were pleased with the stakeholder participation throughout the process. The Subcommittee intends to ask the RWMG to approve the SMP scope of work, as presented at the October 2011 Lahontan Water Board meeting, at a future Antelope Valley IRWMP meeting.

The subcommittee members were provided with an updated list of the current and future recycle, reuse, and recharge projects (through the year 2035) that have the potential to contribute salts and nutrients to the basin along with a compilation of water quality data from various source waters including import water (State Water Project), wastewater treatment facilities, and tertiary treated effluent. This preliminary water quality data represents average values for various constituents including total dissolved solids, ammonia, nitrate, nitrite, chloride, fluoride, arsenic, boron, and chromium, and will be used as the basis to predict future loads of these constituents to the basin. An action item the group identified is to inventory existing water quality data for stormwater that will also be assimilated into the source water quality data set.

The Subcommittee discussed various strategies to identify a monitoring program that would be part of the SMP. A map showing the spatial distribution of United States Geological Survey and member agency wells throughout the basin was distributed. These wells are concentrated in the central and southern portion of the basin and are potential monitoring locations for the SMP. The group suggested strategies to identify which wells to include in the monitoring program including using a statistical grid and focusing on areas of current and planned

projects. The Subcommittee is also developing a water balance chart of inputs and outputs (flow chart) for the Antelope Valley basin. Inputs considered include import water, natural recharge, and recycled water sources, and outputs considered include municipal, industrial, and agricultural users. The flow chart will eventually be used as the basis to develop a general basin-wide salt balance.

Representatives of the Subcommittee planned to attend the Los Angeles County Farm Bureau meeting in late January. The aim of this outreach effort is to update members of the agricultural community on the development of the SMP and encourage their contribution to the plan. A status update regarding the results of this outreach will be provided at the next stakeholder subcommittee meeting for salt and nutrient management planning.

### 10. **The Order of the Shark** – Brianna Bergen and Patrice Copeland

Thanks to the idea and efforts of Engineering Geologist Brianna Bergen, the Victorville office has started a program to recognize positive actions of coworkers within the office. The program is called the 'Order of the Shark.' "The Shark" is a 12-inch plush stuffed toy hammerhead shark, and was chosen to represent the office because sharks are ever-vigilant, always on the lookout, as we should be in our efforts as regulators protecting water quality. The Shark is passed, on a weekly basis, from co-worker to co-worker, along with a brief written explanation describing why The Shark is being conferred upon that person. It then becomes the responsibility of that person to choose the next recipient. The reasons for passing The Shark to a new co-worker are many and varied, but are up to the person who is passing The Shark. For example,

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someone may have helped to fix a computer glitch, offered a helpful suggestion for a project, or just had a positive impact by always being happy, smiling, and offering kind words and positive reinforcement. The purpose of this program is to recognize and emphasize the positive things that have a tendency to go unrecognized and unstated in any work environment.

A copy of the explanation is posted in the lunchroom so that the whole office can see to whom The Shark was passed and why, ensuring that all personnel in the Victorville office have an opportunity to read the uplifting messages and continue to be inspired. To date, The Order of the Shark has had a very positive effect on the Victorville staff, as evidenced by the positive change in attitude and increased morale. Reading the many uplifting notes of praise and thanks is continuously encouraging to the Victorville staff, and multiple staff members have mentioned these notes and the positive recognition has given them the desire to also make a positive difference in the office, and they are more determined to "win" The Shark. Through this program, Staff members have not only made an effort to recognize the positive actions by their peers, but look forward to seeing to whom The Shark is passed and why.

#### 11. Victor Valley Wastewater Reclamation Authority- New Monitoring Location in the Mojave River – John Morales

The Victor Valley Wastewater
Reclamation Authority (VVWRA) currently
discharges wastewater pursuant to Waste
Discharge Requirements (WDRs), Water
Recycling Requirements (WRRs) and a
National Pollutant Discharge Elimination
System (NPDES) permit. The existing
downstream receiving water monitoring
station in the Mojave River is located over

one and a half miles from the discharge location. VVWRA's NPDES permit requires two additional downstream monitoring locations to be established along the Mojave River between the effluent outfall and the farthest existing downstream location.

VVWRA has proposed to construct the first location using a 200 foot long by 4 foot wide boardwalk structure that would ease the process of obtaining water samples from the flowing river. Even though the proposed boardwalk will provide safe access to the proposed downstream sampling site, it will also impact sensitive habitats and endangered species. Because of the presence of endangered species and sensitive habitats, the proposed downstream sampling site is significantly constrained by biological resource issues, complex regulatory permitting requirements, and potential mitigation costs.

Staff encourages VVWRA to continue to search for a better monitoring location. If VVWRA finally recommends to construct the boardwalk, it will take approximately two years before a water quality sample would be taken at the proposed location. The time involved considers project design, environmental review, obtaining permits with CA Department of Fish and Game and the US Fish and Wildlife Service, and probable endangered species nesting cycles.

#### 12. Fish Springs Hatchery NPDES Permit Renewal Delayed – Pending Basin Plan Amendment Establishing Site Specific Water Quality Objectives for Fish Creek – Jehiel Cass

The CA Department of Fish and Game (DFG) operates the Fish Springs Hatchery located south of Big Pine, Inyo County. The former Fish Springs have dried up

and the hatchery source water is from groundwater wells located nearby. The water flows through the hatchery and creates Fish Creek downstream of the discharge. The groundwater contains naturally occurring minerals in concentrations that, when water is released from the hatchery into Fish Creek, would violate water quality objectives established in the Basin Plan. The DFG does not currently have any treatment in place to remove these natural mineral constituents. The groundwater supports hatchery uses without the need for treatment.

There are no specific water quality objectives for Fish Creek. The objectives from Tinemaha Reservoir, located about four miles downstream on the Owens River, are required to be applied upstream to Fish Creek because of the "tributary rule." However, applying these water quality objectives and the appropriate effluent limits in an NPDES permit will put the DFG in jeopardy of mandatory minimum penalties

A surface water discharge permit was last adopted by the Water Board in June 2006 with permit renewal intended five years later in 2011. A draft permit was circulated last year but adoption is delayed. Water Board staff is requesting the DFG to collect sufficient data so that site specific water quality objectives for Fish Creek may be developed. The objectives would have to be adopted through a Basin Plan amendment. If adopted, permit effluent limits could then be established likely allowing the direct discharge of "flow-through" groundwater to Fish Creek without violating the Basin Plan. Until the permit is renewed, the facility will continue operating under the existing permit.

### **ENCLOSURE 3**

# EO'S Monthly Report 12/16/2011 - 2/15/2012 Unauthorized Waste Discharges

		estored.			e and Debris. ing to contact Environmental ent)	moved.
	Status	Ground/Stor The debri was removed from the m Water sewer and flow restored.  Drop Inlet		Status	Removed Grease and Debris. (District was going to contact Lassen County Environmental Health Department)	Paiute Creek Blockage was removed.
	Discharge To	Ground/Stor m Water Drop Inlet		Discharge To	Ground	Painte Creek
	Description of Failure	An accumulation of grease and disposable wipes clogged the collection system. Sewage backed up and surfaced out of manhole. Sewage captured by a storm water drop inlet and removed		Description of Failure	Grease and debris build up in sewer cause sewage to back up and surface out of manhole.	Oil and greas clogged the collection system and sewage backup and surfaces out of a manhole.
	Discharge Volume	12/20/2011 100 Gallons		Discharge Volume	20 Gallons	100 Gallons
	Spill Date	12/20/2011		Spill Date	1/18/2012	1/23/2012
	Substance Discharged	Raw Sewage		Substance Discharged	Sewage to Street.	Sewage
	Regulated Facility	>		Regulated Facility	>	>
	Basin	z		Basin	Z	Z
SADO	Location	3815 Forest Ave., South Lake Tahoe, CA	Z	Location	Cypress and South Lassen Street.	880 Chestnut St., Susanville, CA
COUNTY: EL DORADO	Discharger/Facility	South Tahoe Public Utility District / 1275 Meadowcrest Drive, South Lake Tahoe, CA	COUNTY: LASSEN	Discharger/Facility	Susanville Sanitary District / Lassen County	Susanville Sanitary District / 45 S. Roop St., Susanville, CA

Printed 2/28/2012

COUNTY: LOS ANGELES	GELES								
Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Volume	Description of Failure	Discharge To	Status
Los Angeles County Sanitation District / Lancaster Water Reclamation Plant	Dechlorination Sunit along ditch leading to Piute Ponds	ω	⊳	Chlorinated Secondary Effluent	1/16/2012 83,600 Gallons	83,600 Gallons	Backup generator that supplies power to the dechlorination unit failed to start during an 11-minute power interruption. An effluent volume of 83,600 gallons was discharged to Piute above the chlorine residual permit limit of 0.05 mg/L.	Piute Ponds	Piute Ponds Upon power restoration, Discharger adjusted dechlorination dose to maximum output, and effluent chlorine residual decreased below the permit limit in three minutes. Discharger rented a second generator while investigating backup generator failure. Discharger found a faulty fuel pump. Discharger is retaining rented generator until the backup generator is completely repaired.

COUNTY: PLACER	<b>~</b>									
Discharger/Facility	Location	Basin	Regulated Basin Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure Disc	Discharge To	Status	
N/A / Chris Tāte (235 Alpine Meadows Road)	Squaw Valley Creek, Christy Hill Road at Squaw Valley Road.	Z	Z	Motor oil.	1/16/2012	1/2 quart of motor oil.	Vehicle skid off road and overturned into Squaw Creek.	Squaw Creek.	Squaw Valley Fire walked approximately 30-40 yards downstream and did not find any evidence of oil or fuel.	
Private Lateral / Placer County	205 River Road, Tahoe City, CA	Z	Z	Raw Sewage	1/18/2012	1/18/2012 300 Gallon	Sewage backed up in private lateral and flowed out of the private lateral's clean out.	Ground	Tahoe City PUD found grease build up at a sag in the lateral. These two factrs caused the blockage.	

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TY: SAN BE	COUNTY: SAN BERNARDINO								
Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Helendale CSD / Silver Lakes WTF	Southeast corner of Sod Farm, Helendale	S	>	Non- disinfected Secondary Effluent	1/11/2012	1,750 Gallons	A 1 1/2 foot tall pond containment dike was damaged by tresspassers. Effluent escaped into adjacent land outside the CSD property. Effluent percolated into soil.	Ground	Discharger repaired dike to stop the discharge. Four-foot fence to be replaced with a six-foot fence with barb wire on the top. Earthen dike to be relocated from outside to inside the fence. Dike height to be increased from one and one-half feet to four and one-half feet. No further action pending completion of corrective actions.
City of Victorville / Public Works	Escala Drive at Lido Circle, Victorville	$\infty$	<b>&gt;</b>	Sewage	2/3/2012	19,000 Gallons	Grease blockage caused a sewer overflow in a residential area. Sewage drained to an unnamed wash where it percolated into the wash within 200 feet of the wash point of entry.	Unnamed Wash tributary to Mojave River	Unnamed Sewer pressure jetted to remove Wash blockage. Affected street areas tributary to rinsed and disinfected. Sewage Mojave River debris collected from wash and wash soil surface disinfected. Affected wash areas posted. Cleanup complete, no further action.
Molycorp Minerals / Mountain Pass Mine	Onsite Evaporation Wastewater Surface Impoundment P-30D	$\infty$	>	Brine, Mining Process Wastewater	2/10/2012	300 Gallons	Driver opened valves on truck after transferred brine. Molycorp staff are unsure why the driver opened valves on truck as this is not normal operating protocol.	Ground	Contractor will be excavating impacted soil. Cleanup confirmation samples to be collected. Driver fired from site. No further actions recommended.

## **ENCLOSURE 4**

# No Further Action Required Letters Issued December 16 - February 15, 2012 February 2012 EO Report Summary of

State of California

Lahontan Regional Water Quality Control Board

Date Closure Issued	Site Name	Site Address	Case	Case Type	Groundwater Concentrations above Water Quality Objectives (in ug/L) [date sampled]	Residual Soil Concentrations (in mg/Kg) [date sampled]	Distance from Site to Nearest Receptor	Remedial Methods Used	Comments
January 3, 2012	Butler Scales	43859 Sierra Highway, Lancaster	6B1900995T	UST	Ľν	11,000 TPHd 139 MTBE	LACDWP's well 9962E is ~1/3 mile to the southeast	Excavation	Remaining soil contamination is localized and will not affect potential receptors, including groundwater, associated with any of the various exposure pathways.
January 26, 2012	Jimmy's Lube and Detail	27195 Twenty Mule Team Road, Boron	6B1500951T	UST	Not Encountered	11,000 TPHg [August 2001]	No receptors are located within ~1,000' of the site	None	Remaining soil contamination is localized and will not affect potential receptors, including groundwater, associated with any of the various exposure pathways.
January 30, 2012	Tosco/Unocal Bulk Plant #345	44141 N Yucca Avenue, Lancaster	6B1900436T	UST	Not Encountered	980 TPHd 690 TPHg [April 2010]	Several inactive, standby aquifer storage and recovery wells are ~1,750' to the north	Excavation	Remaining soil contamination is localized and will not affect potential receptors, including groundwater, associated with any of the various exposure pathways.

~ - Approximately

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

TPHm - Total petroleum hydrocarbons quantified as motor oil

MTBE - methyl t-butyl ether

ug/L - micrograms per liter mg/kg - milligrams per kilogram ND- Not Detected NA-Not Applicable NT- Not Tested UST-Underground Storage Tank

MUST- Military Underground Storage Tank

Sep-Site Cleanup Program DoD- Department of Defense

### **ENCLOSURE 5**

Priority	Agency	Facility	Violation ID	Violation Type	Violation Program	Date Occured	Violation Description	Comments	Corrective Action	Enforcement Action	County
F	ADELANTO PUBLIC UTILITY AUTH	ADELANTO WWTP	019587	Water Quality -> Effluent -> OEV	NON15	12/2/2011	Flow Daily Maximum limit is 15 MGD and reported value is was 1.57 MGD.	Violates Board Order No. R6V-2002-0050, WDR No. I.A. I. Failure for M2R and WWTP staff to coordinate allowed insate from filterflushing process to discharge in an uncontrolled manner into the influent wastewater above the headworks. Filterflushing process is completed per 12/13/2011 email from Adelanto. Flow violation was not due to rain event nor increases in domestic wastewater flows.	nul	lun	San Bernardino
5	ARIMOI GROUP INC	SERFNITV DOGE	5847121	SW - Unauthorized UNSWD	ALSWOOD	1021/2011	5 0 = = 0 5		2.0	Notice of Non-Compliance	San Bernardino
	BARSTOW CITY	BARSTOW WTF MOJAVE		Water Quality -> Receiving Water - > Groundwater			Exceeded MCLs for Nitrate as N (10 mg/L) in multiple wells, violates board order 6- N 94-26 WDR I, B. 5.	II 2-3 - [11 mg/L] Well 3-4 - ma/L] Well 7-1 - [18 mg/L]		13267 Order, Cleanup and Abatement Order	San Bernardino
-	BARSTOW CITY	BARSTOW WTF MOJAVE		Water Quality -> Receiving Water - > Groundwater			L for Nitrate as nuttiple wells, order 94-026	Well 2-3 - [11 mg/L] Well 3-4 - [13 mg/L] well 7-1 - [17 mg/L] null		13267 Order, Cleanup and Abatement Order	San Bernardino
6-37	CA DEPT OF TRANSPORTATION DISTRICT 3 R6	NV I-80 DONNER PHASE 3 PAVEMENT REHAB PM 5.1- 11.6	912350	Order Conditions	CONSTW	10/13/2011	Dewatering waste was Dewatered vault and discharged to culvert leading discharged to storm drain to an ephemeral tributary to untreated. Estimate around Donner Lake without proper 1,000 gallons discharged w pH of 12.2 and turbidity of Section A. of Order No. 99-06-590 NTU. See attached file DWQ.	£	Ceased discharge. Provided additional subcontractor training on 10/14/2011.	Notice of Violation	Nevada

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Priority	ty Agency	Facility	Violation ID	Violation Type	Violation Program	Date Occured	Violation Description	Comments	Corrective Action	Enforcement Action	County
· +	CH2M HILL(+)	FORT IRWIN WTF	919499	Water Quality -> Effluent -> OEV	NON15	11/4/2011	Total Coliform Daily Maximum limit is 240 MPN/100 mL and reported value was 500 MPN/100 mL.	Violates board order R6V- 2004-0005 WDR II. C. 3.	וחמו	linu	San Bernardino
( <del>)</del>	CH2M HILL(+)	FORT IRWIN WTF	919500	Water Quality -> Effluent -> OEV	NON STA	11/5/2011	E	Violates board order R6V- 2004-0005 WDR II, C. 3.	null	llun	San Bernardino
-	CH2M HILL(+)	FORT IRWIN WTF		Water Quality -> Effluent -> OEV	NON15	11/5/2011	t more than ny 30-day 23 MPN/100 ted value was	J	nul	llun	San Bernardino
•	(+)   H WCHO	FORT IRWIN WITE	919502	Water Quality -> Effluent -> OEV	NON15	11/5/2011	Total Coliform Seven Sample Median limit is 2.2 MPN/100 mL and reported value was 13 MPN/100 mL.	Violates board order R6V- 2004-0005 WDR II. C. 1	llno	llnu	San Bernardino
,	CH2M HIII.(+)	FORT IRWIN WITE		Water Quality ->	NON15	11/6/2011	ven Sample 2 MPN/100 value was	Violates board order R6V- 2004-0005 WDR II. C. 1	null	llnu	San Bernardino
-	CH2M HILL(+)	FORT IRWIN WTF		Water Quality -> Effluent -> OEV	NON15	11/7/2011		Violates board order R6V- 2004-0005 WDR II. C. 1	llun	luul	San Bernardino
-	CH2M HILL(+)	FORT IRWIN WTF		Water Quality -> Effluent -> OEV	NON15	11/8/2011	Total Coliforn Seven Sample Median limit is 2.2 MPN/100 mL and reported value was 13 MPN/100 mL.	Violates board order R6V- 2004-0005 WDR II. C. 1	llou	lluu	San Bernardino
	WAGOOONI	INDEPENDENCE CLASSIII		Water Quality -> Receiving Water - > Groundwater		10/25/2011	SS OR I.		llnu	ווחע	lnyo
	LAKE ARROWHEAD COMMUNITY SERVICE	LAKE ARROWHEAD CSD CS		Water Quality -> Sanitary Sewer Overflow/Spill/	NON15	11/25/2011	Violation for discharge of sewage to Grass Valley Greek, a US water. Sewer grease and rag blockage caused a 1350 gal sewage overflow from a manhole in an accoss road adjacent to 944 Brentwood Dr, of which 350 gal discharged to Grass Valley Creek.	The discharge violates Order No. 2006-0003-DWQ, requirement C.1. This requirement prohibits SSO discharges to US waters.	lun	ll I	San Bernardino
6-38	LAKE ARROWHEAD COMMUNITY SERVICE	LAKE ARROWHEAD CSD CS	914126	Water Quality -> Sanitary Sewer Overflow/Spill/	NON15	12/14/2011	Root intrusion caused 350 gallons of sewage to spill from Manhole at 867 Strawberry Peak Road to Surface water; Spill made it*** (C.1. This requirement way to a seasonal creek. Surface water body affected. to US waters.	Violates Order No. 2006- 0003-DWQ, Requirement C.1. This requirement prohibits sewage discharges to US waters.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill; Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system; null	unl	San Bernardino

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		.c.d	ASEA.	- Carl	l'an
County	Lassen	San Bernardino	San Bernardino	San Bernardino	San Bernardino
Enforcement Action	llun	nuli	null	lud	lun
Corrective Action	Filtration/U.V. system being constructed.	Alarm was added to SCADA system to notify staff if dosage falls below a low set point of 10 ppm. Instrumentation staff also performs twice weekly PM of chlorine analyzer to ensure reliable operation of the units.	Alarm was added to SCADA system to notify staff if dosage falls below a low set point of 10 ppm. Instrumentation staff also performs twice weekly PM of chlorine analyzer to ensure reliable operation of the units.	Alarm was added to SCADA system to notify staff if dosage falls below a low set point of 10 ppm. Instrumentation staff also performs twice weekly PM of chlorine analyzer to ensure reliable operation of the units. null	Alarm was added to SCADA system to notify staff if dosage falls below a low set point of 10 ppm. Instrumentation staff also performs twice weekly PM of chlorine analyzer to ensure reliable operation of the units. Inull
Comments	Sampled at EFF-001. Violates Board Order No. R6T-2008-0002, Req. IV.A.1. Table 7.	Cause was determined to be an analyzer maffunction (loose connection) which caused inadequate chlorine dosing.	Cause was determined to be an analyzer malfunction (loose connection) which caused inadequate chlorine dosing.	Cause was determined to be an analyzer maifunction (loose connection) which caused inadequate chlorine dosing.	Cause was determined to be an analyzer malfunction (loose connection) which caused inadequate chlorine dosing.
Violation Description	Chlorine, Total Residual Instantaneous Maximum limit is 0.02 mg/L and reported 10/28/2011 value was 0.03 mg/L.	Total Coliform 7-Day Median limit is 2.2 MPN/100 mL and reported value was 4 MPN/100 mL.	Total Coliform 7-Day Median limit is 2.2 MPN/100 mL and reported value was 4 MPN/100 mL.	Total Coliform 7-Day Median limit is 2.2 MPN/100 mL and reported value was 4 MPN/100 mL.	Total Coliform 7-Day Median limit is 2.2 MPN/100 mL and reported value was 4 MPN/100 mL.
Date Occured	10/28/2011	11/24/2011	11/25/2011	11/26/2011	11/27/2011
Violation	NPDES	NPDES	NPDES	NPDES	NPDES
Violation Type	Water Quality -> Effluent -> CAT2	Water Quality -> Effluent -> OEV	Water Quality -> Effluent -> OEV	Water Quality -> Effluent -> OEV	Water Quality -> Effluent -> OEV
Violation ID	913069	916721	916720	916722	916723
Facility	SUSANVILLE CSD	VICTOR VALLEY MUNI WTP	VICTOR VALLEY MUNI	VICTOR VALLEY MUNI	VICTOR VALLEY MUNI
Agency	SUSANVILLE CONSOL SD SUSANVILLE CSD	VICTOR VALLEY WASTEWATER AUTHORITY	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	VICTOR VALLEY WASTEWATER RECLAMATION
Priority	-	<b>(</b>	4-		

County	San	Lassen	Mono	Мопо		
Enforcement Action	Notice of Non- Compliance		To c		Oral Communication	Notice of Violation
Corrective Action	inu	- Inc	Continue to monitor M002 and feed the fish no more then needed to get the desired growth.		i n	Collected discharge samples.
Comments	in a	lnu nu	There were a lot of small pieces of filamentous algae that caused the sample's Continue to monitor MD high results. The increase in and feed the fish no modigae may have been caused then needed to get the by warm and sunny writer. desired growth.	Looking at a samples under a dissecting microscope a lot of pieces of filamentous algae were observed which may have caused the high results.	l lo	Discharge exceeded numeric action levels due to lack of proper sediment and stabilization BMPs and work allowed to continue while rain event was producing a discharge. (see attached file for details of each deficiency and discharge sampling result).
Violation Description		No certified operator working at the plant and no Chief Plant Operator of the correct grade in charge of the WWTP. Last CPO being consulted with on proper perations.	Total Suspended Solids (TSS) Monthly Average (Mean) limit is 6.0 mg/L and	Total Suspended Solids (TSS) Monthly Average (Mean) limit is 6.0 mg/L and reported value was 8.55 mg/L.	Several minor BMP deficiencies were noted in violation of H.8.b of Order No 99-06-DWO.	BMPs were not properly implemented or maintained, including deficient scheduling, which resulted in odischarge off the ROW. Violates section H.8.b of 99-06-DWQ.
Date Occured			12/5/2011	12/5/2011	11/1/2011	10/10/2011
Violation Program			100		3	
Violation Type	SW - Deficient BMP Implementation	so.	^ -			BMP
Violation	98.47.7 19.19	913487	918197	918 100 100 100 100 100 100 100 100 100 1	912986	
Facility	E G G C	CCC @ SUSANVILLE, CSP-	HOT CREEK HATCHERY NPDES	HOT CREEK HATCHERY NPDES	ED 50 (SKI RUN - STATELINE) PM 79 3-80 4	NV 1-80 DONNER PHASE 3 PAVEMENT REHAB PM 5.1-11.6
Agency	ON dioas		SH & GAME	H & GAME	Z	CA DEPT OF TRANSPORTATION DISTRICT 3 R6
Priority		, ,		, ,		6-40

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Agency	Facility	Violation	Violation Type	Violation	Date	Violation Description	Comments	Corrective Action	Action	county
CA DEPT OF TRANSPORTATION DISTRICT 3 R6	NV I-80 DONNER PHASE 3 PAVEMENT REHAB PM 5.1-116	912346	dWB	CONSTW	10/13/2011	BMPs were not properly implemented or maintained in violation of section H.8.b of 99-06-DW0.	lack of spill cleanup, lack of perimeter controls before excavating, improperly maintained BMPs and stock pile covering not to specification. See attached ine for details and locations.	BMPs corrections completed by 10/14/2011. See attached file.	Notice of Violation	Nevada
CRESTLINE SD	CRESTLINE SD THREE		Water Quality -> Effluent -> OEV	NON15	12/16/2011	r Average limit is nd reported value 3D.	ŧ	lun		San Bernardino
EMPIRE LAND LC	TRACT 16676	S847093	SW - Deficient BMP S847093 Implementation	CONSTW	12/23/2011		וחון	llnu	llun	San Bernardino
EMPIRE LAND LC	TRACT 16676	\$847094	SW - Failure to Obtain Permit	CONSTW	12/23/2011	New property owner failed to obtain a permit. Site is not stabilized and temporary BMPs are not maintained.	llnul	llnu	llnu	San Bernardino
HERLONG PUD	HERLONG UTILITIES COOPERATIVE WW RECLAMATION FACILITY	918745	Deficient Monitoring	NON 15	12/2/2011	Effluent pH not monitared or reported	חמ	Discharger reported in the SMR that, "pH was not tested during the quarter due to an omission on the chain of custody. The problem has been addressed in order to been addressed in order to	llnu	Lassen
HESPERIA CITY	RANCHERO ROAD UNDERCROSSING	S847046	SW - Incomplete/ Insufficient SWPPP	CONSTW	12/23/2011	An incomplete template was uploaded into SMARTS prior to the inspection and present at the site. Not all of the required site specific information was filled in.	טמן		Staff Enforcement Letter	San Bernardino
HESPERIA CITY	RANCHERO ROAD UNDERCROSSING	S847048	SW - Deficient BMP Implementation	CONSTW		Heavy equipment was parked on exposed soil without liners for potential spills of vehicle fluids. Track marks suggested that some vehicles were driving around tracking BMPS.	llnu	וחט	Staff Enforcement Letter	San Bernardino
HILTON GREEK CSD	HILTON CREEK CSD PACKAGE STP	912623	Order Conditions	NO S S	11/1/2011	During the facility inspection. Discharger informed staff that the facility was without power for 10% hours on Nov 1, 2011. Wastewater during this time period bypassed the treatment process. Wastewater bypassing the treatment process violates Board Order No. R6V-2004-0018, WDR I.C.1.	The outage occurred because the electric utility performed maintenance on an adjacent power pole. The wastewater treatment facility does not have a back-up power.	חַפּ	. 2	lnyo

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County	San Bernardino	Inyo	Моло	Kern	San Bernardino
Enforcement Action	=======================================	Oral Communication	Oral Communication Mono	llun	Oral San Communication Bernardino
Corrective Action	During slip lining events, discharger is staged at the bypass pump and adjusts its speed to correspond with	linu	line ne	Flow meter was replaced on 10/28/2011.	Corrective action: stopped pumping filtrate, allowed level in line to subside. Discharger submited a report of this event on 10/24/2011.
Comments	Discharge violates Requirement I.C.1 of Statewide Order No. 2006- 003-DWQ.	Contacted Discharger on 2/21/2012 and made the Discharger aware of the violations. The Discharger stated that future reports will include freeboard data for each month of the quarter.		Flow meter was disabled due Flow meter was replaced on to lightning.	Location: Mine site property, outside of separations Plant containment area, dir area. Cause: line blockage between No. 5 compressor containment and the 204 system. Cleanup: impacted soil excavated for disposal; confirmation soil testing conducting.
Violation Description	Violation for a 10 gal sewage discharge to Papoose Lake, a US water. A Discharger had set up a bypass to slip line a sewer section. Cavitation of the bypass pump caused a surcharge at the receiving manhole, and the contents spilled into Papoose Lake. This lake is on the east side of the dam that impounds	Failed to report freeboard data on a monthly basis. Violates Board Order 95-036, MRP I. A. 3.	The 3rd Qtr 2011 SMR did not include data on monthly freeboard or any information relating to sludge disposal. Violates Board Order No. 6-00-17, MRP I.A.5 and I.C.	Failed to monitor daily flow from 10/1/2011 - 10/27/2011. Violates board order 6-01-36 MRP I. A. 1.	Spill estimated 250 gallons of process lanthanum product water Discharge is in violation of Board Order No. R6V-2005-0011, Section II. A.1
Date Occured	11/8/2011	12/31/2011	10/1/2011	-	10/8/2011
Violation Program	OZ SZ	NON15	NON 25	NON15	dsign
Violation Type	Water Quality -> Sanitary Sewer		^		Unauthorized Discharae
Violation	912304		916736		9 11 18 13
Facility	LAKE ARROWHEAD CSD	LONE PINE WATE	MAMMOTH MTN SKI AREA WTF	MOJAVE STP	ONSITE EVAPORTATION PONDS
Agency	LAKE ARROWHEAD		NTAIN SKI	VE PUD	MOLYCORP MINERALS
Priority		2	0	2	0

_	9	9	9	
County	San Bernardino	San Bernardino	San	San
Enforcement Action	Oral	Notice of Violation	Oral	Oral
Corrective Action	Corrective action: stopped pumping filtrate, allowed level in line to subside. Discharger submited a report of this event on 10/24/2011.		Permanent anchor installed to prevent high winds from moving hose discharge: longer hose was installed for transfer.	
Comments	Location: Mine site property, outside of separations plant containment area and down hill to embankment along storm water ditch down Bailey road ending in the ditch north of Mobile Maintenance shop. Cause: line blockage between No. 5 compressor containment and the 204 system. Cleanup: impacted soil excavated for disposal; confirmation soil testing	must provide a r corrective action 011.		Cause: dung transier or wastewater to filter press from the 204 thickener tank hose failure occured. Cleanup: recovery of standing wastewater, impacted soil excavated for disposal; confirmation soil
Violation Description	Spill estimated 1,200 gallons of spent scrubber solution. Discharge is in violation of Board Order No. R6V-2005-0011, Section II, A.1 and 7.	Discharge of liquid beneath surface impoundment P-30D. Violation of Board Order No. ReV-2005-0011, Section II.B.2.	Material: mining processing wastewater from the 204 wastewater from the 204 gallons; Location: Mine site property, outside of lined area of the P-30B to land/drainage ditch. Requirements and and 7 of Board Order No. Refy.	material: mining processing wastewater from the 204 separator; Volume: total 50 gallons; Location: Mine site property, ground, outside of containment. Requirements and Prohibitions section II. A. 1 and 7 of Board Order No.
Date Occured	10/10/2011		11/1/2011	
Violation Program	a so	d Sign	LNDISP	
Violation Type	Unauthorized	ditions	Order Conditions	=
Violation ID	1818		913805	_
Facility	ONSITE EVAPORTATION PONDS	ONSITE EVAPORTATION PONDS	ONSITE EVAPORTATION PONDS	ONSITE EVAPORTATION
Agency	MOLYCORP MINERALS	YCORP MINERALS	MOLYCORP MINERALS	MOLYCORP MINERALS
Priority	c			

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County	San Bernardino	San Bernardino	llun	Placer
Enforcement Action	Oral	Oral	Oral Communication null	חחו
Corrective Action	Cleanup: recovery of standing wastewater, impacted soil excavated for disposal. Corrective action: repair gasket on 2inch valve.	Cleanup: recovery of standing wastewater, impacted soil excavated for disposal. Corrective action: repair pipeline, replace concrete barrier, cover pipeline with thicker cover of pipeline.	llou	linu
Comments	Cause: Failure of 2 inch valve on 2 inch pipeline for the extraction system. Contaminated groundwater overflowed vault containment onto ground. Facility associated: Wastewater treatment, groundwater peartraction system, and lined ponds.	Material: Mining processing operations. Constituents of concern: TDS, metals, strontium, chloride, lanthanum, sulfate, and sodium. Volume: Est. 50 - 60 breakage of pipeline-carrying gallions; Location. Mine site separator tank. No further separator tank (204). Record enforcement recommended. as volation of Requirements Facility associated: and Prohibitions section II. A. Wastewater treatment, 1 and 7 of Board Order No. groundwater extraction system, and lined ponds.	1st sa 2011	nol
Violation Description	Material: mining-related impacted groundwater from extraction system.  Constituents of concern: TDS, Nitrate, strontium, radium; Volume: Est. 250-300 gallons; Location: Mine site property, near extraction RW-8, mexican well holding tank. Record as violation of Requirements and Prohibitions section II. A. 1 and 7 of Board Order No. ReV-2005-0011. Section II. A. 1.	Material: Mining processing wastewater from processing operations. Constituents of concern: TDS, metals, strontium, chloride, lanthanum, sulfate, and sodium. Volume: Est, 50-60 gallons; Location: Mine site property, near processing separator tank (204). Record as violation of Requirements and Prohibitions section II. A. 1 and 7 of Board Order No. R6V-2005-0011.	Failed to monitor landfill cover monitoring, violates board order R6T-2010-0025 MRP II. A.	Obexer's Marina did not submit Effluent Discharge for Storm Water or USEPA Benchmark data in their Annual Report, B.O. R6T-2011-0024, Attchment. E. Monitoring & Reporting, V.B.3 null
Date Occured	12/5/2011	12/14/2011	11/3/2011	11/15/2011
Violation Program	HNDISP	B S S S S S S S S S S S S S S S S S S S	LNDISP	NPDES
Violation Type	Order Conditions	Order Conditions	Deficient Monitorina	Deficient Monitoring
Violation ID	914949	9 14 95 6		
Facility	ONSITE EVAPORTATION PONDS	ONSITE EVAPORTATION PONDS	WALKER LANDFILL	OBEXERS MARINA
Agency	MOLYCORP MINERALS	MOLYCORP MINERALS	O CNTY DPW	NC NC
Priority	0	0		

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County		San Bernardino	San Bernardino	Placer
Enforcement Action	Verbal	Staff Enforcement Letter, Cleanup and Abatement Order	lun	Notice of Stormwater Noncomp
Corrective Action			Discharger states in SMR that monitoring was conducted but results were not recieved in time to include them in SMR. Discharger states the October results will be included in November's report.	Discharger submitted Annual Report on 2/8/2012.
Comments		nu	October 2011 Report	linu
Violation Description	s s age ded vater n n nd ind sof	Water Board staff (Patrice Copeland, Senior Engineering Geologist, and Jan Zimmerman) inspected the road and culvert crossing off of I Avenue. Staff corrugated metal pipe culvert was inadequately sized to convey flows in the wash. Sediment deposition is occurring upstream of the culvert and scouring upstream of the culvert, resulting in a 10-foot headcut. This crossing poses a threat to water devidence of heavy equipment on the bed of the wash (track marks and bucket marks). Conditions are being addressed through WB Cleanup and Abatement Order.	gen,	Failure to submit Annual Report. Violates Board Order No. R6V-2011-0024-13, MRP No. V.B.
Date Occured		_	10/31/2011	11/16/2011
Violation			NON15	WISON
Violation Type		SW - Failure to	Reporting -> Deficient Reporting	Reporting -> Late
Violation	į ,	S846845	912657	919557
Facility	DONNER III CONCRETE	ROBAR ENT INC	HELENDALE SILVERLAKES STP	SUNNYSIDE MARINA
Agency		ROBAR ENT INC	SAN BERNARDINO CNTY CSA 70	SUNNYSIDE MARINA
Priority		2	2	6-4

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County	Lassen	Lassen	Lassen	Mono	Mono	Mono	San Bernardino	San Bernardino
Action	וחת	null	Staff Enforcement Letter	llun	IInu	וחח	Staff Enforcement Letter	Staff Enforcement
Corrective Action	Filtration/U.V. system being constructed.	Filtration/U.V. system being constructed.	called to provide on 12/5/2011.	The Facility is being upgraded with the construction of a treatment system which will treat wastewater to secondary standards and will be capable of treating an average flow of 50,000 gallons per day.	The Facility is being upgraded with the construction of a treatment system which will treat wastewater to secondary standards and will be capable of treating an average flow of 50,000 gallons per day.	The Facility is being upgraded with the construction of a treatment system which will treat the wastewater to secondary standards and will be capable of treating an average flow of 50,000 gallons per day.	line	
Comments	No. IV.A.1.	Sampled at EFF-001. Violates Board Order No. R6T-2008-0002, Req. IV.A.1. Table 7.	Violates Board Order No. R6T-2008-0002, Req. MRP Att.E. III.A.1.	Violates Board Order 6-2011- 0020 Section I.A.	Violates Board Order 6-2011- 0020 Section I.A.	Violates Board Order 6-2011- 0020 Section I.A.	ום ס	
Violation Description	limit ue	Total Suspended Solids (TSS) Monthly Average limit is 30 ml/L and reported value was 32.8 ml/L.	Failed to provide daily and monthly diversions to and from the emergency storage ponds.	Flow Daily Maximum limit is 39000 GPD and reported value was 50304 GPD.	Flow Daily Maximum limit is 39000 GPD and reported value was 40079 GPD.	Flow Daily Maximum limit is 39000 GPD and reported value was 42679 GPD.	Construction of trench was in progress when NOI is still being prepared and a WDID has not been issued. Clouds from approaching storm system were on the horizon.	Clouds from approaching storm system were on the horizon. Stock piles of soil were kept near a swale without BMPs. Heavy equipment was parked on soil without BMPs to prevent spills from confaminating
Date	10/31/2011	11/14/2011		11/14/2011	12/13/2011		12/19/2011	
Violation Program	NPDES	NPDES		NON15	NON 16	NON15	CONSTW	
Violation Type	Water Quality ->	50 22		lity -> OEV	Water Quality -> Effluent -> OEV	Water Quality -> Effluent -> OEV	SW - Failure to Obtain Permit	SW - Deficient BMP
Violation ID	913068	913066		919596	919597		S846868	
Facility	SUSANVILLE CSD				USMC MWTC HOUSING PROJECT	USMC MWTC HOUSING PROJECT	SANTA FE AVENUE RELIEF INTERCEPTOR SEWER	SANTA FE AVENUE RELIEF INTERCEPTOR
Agency	SUSANVILLE CONSOL SD	CS CONSOL HINDARING	SUSANVILLE CONSOL SD	US MARINE CORPS COLEVILLE	US MARINE CORPS	US MARINE CORPS COLEVILLE	LEY ON	LEY
Priority	2	0	2 2	8	^		0	

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Priority	y Agency	Facility	Violation	Violation Type	Violation	Date Occured	Violation Description	Comments	Corrective Action	Enforcement Action	County
N	VICTORVILLE CITY	VICTOVILLE SD CS	913949	Water Quality -> Sanitary Sewer Overflow/Spill/	NON15	11/8/2011	FOG) ans of anathole avarro Dr. eet/curb unpaved to Oro ates 06-0003-	linu	Restored flow and cleaned- up spill site. Recovered approximately 1,500 gallons of sewage. Inspected sewer using CCTV to determine cause.	ווחט	San Bernardino
ო	CAILLIER, KAREN	ROADHOUSE RESTAURANT	916847	Reporting -> Late Report	NON15	10/15/2011		Sep 2011/3rd Qtr 2011	null	llun	San Bernardino
ю	CALIFORNIA CITY	CALIFORNIA CITY WTF	918991	Reporting -> Late	NON15	11/15/2011	Report was due 11/15/2011 and was received on 12/2/2011. Report was 17 days. Violates Board Order 6- 00-94 MRP II. B. 1.	llnu	llnul	lin.	Kem
ю	CALIFORNIA CITY	CALIFORNIA CITY WTF	919506	Reporting -> Late	NON15	12/15/2011		lio c	linu	llnu	Kern
, n	HONEY LAKE POWER CO	HONEY LAKE POWER PLANT	916874	ng -> Late	NON15	11/3/2011	Report is Due on 10/15/2011 - Recieved on 11/3/2011 - 19 Days late.	inuli	llnu	llou	Lassen
m	KLAUS N KRAEMER REVOCABLE TRUS	SEQUOIA APARTMENTS	916457	Reporting -> Late Report	NON15	10/27/2011	report due July 15, 2011 submitted 104 days late on Oct 27, 2011 Violates board order 86-92 MRP II	202011	linu	llur	San Bernardino
, ო	KLAUS N KRAEMER REVOCABLE TRUS	SEQUOIA APARTMENTS		Reporting -> Late Report	NON15	10/27/2011	5/2011 ate on board	3011	uull	llur	San Bernardino