



EXECUTIVE OFFICER'S REPORT

August 2008

NORTH BASIN

1. **CEQA Scoping for the Lake Tahoe TMDL Basin Plan Amendment** – *Daniel Sussman*

In July, staff initiated the California Environmental Quality Act (CEQA) environmental analysis and public process for the Lake Tahoe TMDL Basin Plan Amendment. Staff conducted scoping meetings on July 15 in Kings Beach and July 17 in South Lake Tahoe. In addition to attendance by staff and by Board Member Dr. Horne, the meetings drew a combined 34 public stakeholders, many of whom represent local Lake Tahoe implementing agencies. The scoping meetings each consisted of a presentation on the Lake Tahoe TMDL, followed by a presentation on scoping, the CEQA process, and expectations of what the public should address in their comments. During the question period, Water Board staff stressed the difference between the programmatic analyses of the Basin Plan Amendment and how that differs from the project level analysis required of specific implementation projects. The deadline for the receipt of written scoping comments is August 18, 2008.

2. **Groundwater Ambient Monitoring and Assessment Program (GAMA) for Tahoe and Martis Valley Groundwater Basins** – *Richard Booth*

The State Water Board and the United States Geological Survey (USGS) are conducting a comprehensive statewide program to assess groundwater quality. The program, called Groundwater Ambient Monitoring and Assessment Program (GAMA), was created in 2000 and is designed to provide information for water agencies to address a variety of issues including local water supply and statewide resource management.

The USGS is sampling groundwater from wells throughout California and is analyzing the samples for hundreds of different natural and man-made substances, including radon, arsenic, pharmaceuticals, MTBE. The USGS completed its sampling effort in the California side of the Tahoe Basin and in the Martis Valley groundwater basin. The State Water Board and the USGS will complete their assessment of the groundwater quality data and issue a final report sometime next year. Water Board staff attended a meeting this summer where the State Water Board GAMA staff and the USGS discussed their preliminary findings.

The USGS sampled 35 water wells in the Tahoe and Martis Valley alluvial basins (plus some wells in the bedrock outside of the alluvial basins). Well owners volunteered their wells for sampling. This study is not designed to evaluate known or suspected groundwater contamination

plumes. Instead, the USGS choose wells that would give a valid representation of the ambient groundwater quality in the two basins.

Although the USGS assessment of ambient groundwater conditions in the Tahoe and Martis Valley basins will not be available until next year, it released a few preliminary findings. The groundwater quality in the two basins is good. Only one organic compound (tetrachloroethene, know as PCE) was detected in one well above the drinking water standard of 5 micrograms per liter. (The local water purveyor was aware of the presence of PCE prior to the GAMA sampling.) A total of 11 volatile organic compounds and pesticides were detected, but at the very low detection limits germane to the GAMA program, which are well below standard laboratory detection limits. No emerging contaminants such as perchlorate, dimethylnitrosamine (NDMA), or pharmaceuticals were detected. Arsenic and radon were the only inorganics detected above drinking water standards. Almost 20 percent of the wells exceeded the 10 micrograms per liter standard for arsenic. This is common statewide.

These data are useful for providing an early awareness for changes in water quality. Additionally, we can better identify the natural and man-made factors that affect groundwater quality. Water Board staff will continue working closely with the GAMA researchers for long-term management and protection of our groundwater resources.

3. **Enforcement Summary for January 1, 2008 – June 30, 2008 - Scott Ferguson**

Governor Schwarzenegger made enforcement of environmental protection laws and regulations one of his top priorities when he took office. As a result, CalEPA boards, departments, and offices were directed to enhance their enforcement programs. The State and Regional Water Boards have responded through a number of mechanisms (created enforcement units, created the Office of Enforcement, increased priority on enforcement). As a result, enforcement activity has increased, and documenting the enforcement activity is improving.

Attached is a list of the enforcement actions that the Lahontan Water Board and its staff have initiated during the first six months of 2008. The enforcement actions for this time period included eight staff enforcement letters, 26 notices of violation, 507 Water Code section 13267 orders, one cease and desist order, two administrative civil liability complaints, and one administrative civil liability order.

The above-referenced and additional enforcement activity information is also provided in a table on the Water Board's internet site at www.waterboards.ca.gov/lahontan/water_issues/program/enforcement/index.shtml. This Enforcement Activity Summary Report is being provided to the public as required by legislation (SB 729) and is updated on a quarterly basis. Staff will continue to provide the Water Board with monthly summaries of enforcement activity in future Executive Officer Reports.

AGENCY/FACILITY NAME	CITY OR COUNTY	PROGRAM*	ACTION DATE
Staff Enforcement Letters			
Lakeside Park Association/Lakeside Marina	South Lake Tahoe	INDSTW	2/29/2008
Washoe Tribe of NV and CA/Meeks Bay Resort and Marina	South Lake Tahoe	INDSTW	2/29/2008
City of Barstow/Barstow WWTP	Barstow	NON15	3/5/2008
Eagle Ridge at Arrowhead LP/Eagle Ridge at Arrowhead	Blue Jay	CONSTW	3/13/2008
Mobil Mini Mart	Lancaster	TANKS	3/19/2008
City of Barstow/Barstow Sewer Collection System	Barstow	NON15	5/27/2008
City of Barstow/Barstow WWTP	Barstow	NON15	6/12/2008
Eagle Ridge at Arrowhead, LP/Eagle Ridge at Arrowhead	Blue Jay	CONSTW	6/16/2008
Notices of Violation			
Pacific Gas and Electric/PG&E Compressor Station	Hinkley	LNDISP	1/16/2008
Lake Arrowhead Community Services District/Wastewater Collection System	Lake Arrowhead	NON15	1/18/2008
Victor Valley Wastewater Reclamation Authority/Victor Valley Municipal Wastewater Treatment Facility	Victorville	NPDES	1/24/2008
Kang Property Inc./Swiss Mart Gas Station	South Lake Tahoe	TANKS	1/30/2008
Davies Oil Company/Bishop Mobil Mart	Bishop	TANKS	2/13/2008
Mohammad Ahmad, Thomas E. Erickson Trust/Tahoe Tom's Gas Station	South Lake Tahoe	TANKS	2/26/2008
Fort Irwin National Training Center/Fort Irwin Class III Landfill	San Bernardino County	LNDISP	2/28/2008

AGENCY/FACILITY NAME	CITY OR COUNTY	PROGRAM	ACTION DATE
Notices of Violations			
Lakeside Park Association/Lakeside Marina	South Lake Tahoe	INDSTW	2/29/2008
Washoe Tribe of NV and CA/Meeks Bay Resort and Marina	South Lake Tahoe	INDSTW	2/29/2008
Seven Summits Corp/Camp Richardson Marina	South Lake Tahoe	INDSTW	2/29/2008
Seven Summits Corp/Camp Richardson Marina	South Lake Tahoe	INDSTW	2/29/2008
Action Motorsports of Tahoe/Timber Cove Marina	South Lake Tahoe	INDSTW	2/29/2008
Action Motorsports of Tahoe/Timber Cove Marina	South Lake Tahoe	INDSTW	2/29/2008
San Bernardino County Waste/Heaps Peak Sanitary Landfill	Lake Arrowhead	LNDISP	3/5/2008
Northstar Mountain Properties/Northstar Intercept Lot	Truckee	CONSTW	3/28/2008
Mohammad Ahmad, Thomas E. Erickson Trust/Tahoe Tom's Gas Station	South Lake Tahoe	TANKS	4/8/2008
US Borax Inc./Boron Mine Facility	Boron	LNDISP	4/14/2008
San Bernardino County CSA 70/Helendale Silver Lake STP	Helendale	NON15	5/7/2008
Riverside Cement-Oro Grande/Oro Grande Cement Plant	Oro Grande	INDSTW	5/20/2008
San Bernardino County Waste/Heaps Peak Sanitary Landfill	Lake Arrowhead	LNDISP	5/20/2008
City of South Lake Tahoe/Municipal Storm Water System	South Lake Tahoe	MUNSTW	5/21/2008
Ray Carreau/Tahoe Keys Marina	South Lake Tahoe	INDSTW	5/23/2008
Mansoor Alyeshhmerni/Ski Run Marina Dredging	South Lake Tahoe	NON15	5/29/2008
Fort Irwin National Training Center/Fort Irwin WWTF	San Bernardino County	NON15	6/4/2008
Lake Arrowhead Community Services District/Wastewater Collection System	Lake Arrowhead	NON15	6/18/2008
Victorville Sanitary District/Wastewater Collection System	Victorville	NON15	6/18/2008

AGENCY/FACILITY NAME	CITY OR COUNTY	PROGRAM	ACTION DATE
Water Code Section 13267 Orders for Technical Information			
Eagle Ridge at Arrowhead LP/Eagle Ridge at Arrowhead	Blue Jay	CONSTW	1/15/2008
Mill Pond Partners LP/Mill Pond Development-Tract 15740	Cedar Glen	CONSTW	1/16/2008
Betty Sherman Revocable Trust/Sierra Chevron	Susanville	TANKS	2/6/2008
Tahoe Crescent Partnership LP/Village Center	South Lake Tahoe	SCP	2/26/2008
William M. Lane and Lily P. Lane Trust/Lane Trust Property	Kings Beach	SCP	2/26/2008
Northstar Mountain Properties/Highlands Drive, et al	Truckee	CONSTW	3/19/2008
USMC/Mountain Warfare Training Center WWTP	Bridgeport	NON15	4/4/2008
Eagle Ridge at Arrowhead LP/Eagle Ridge at Arrowhead	Blue Jay	CONSTW	5/5/2008
Mill Pond Partners LP/Mill Pond Development-Tract 15740	Cedar Glen	CONSTW	5/12/2008
California Biomass Victorville/Victor Valley Regional Composting Facility	Victorville	NON15	6/2/2008
Spalding Tract Residents (497)	Eagle Lake	NON15	6/25/2008
Cease and Desist Orders			
Victor Valley Wastewater Reclamation Authority/Victorville Wastewater Reclamation Facility	Victorville	NPDES	2/14/2008
Administrative Civil Liability Complaints and Orders			
Eagle Ridge at Arrowhead LP, Simmons Construction/Eagle Ridge at Arrowhead	Blue Jay	CONSTW	2/5/2008
City of Barstow/Barstow Wastewater Treatment Facility	Barstow	NON15	2/13/2008
Adelanto Public Utility Authority/Adelanto Wastewater Treatment Facility	Adelanto	NON15	4/4/2008

* CONSTW – Construction Storm Water; INDSTW – Industrial Storm Water; LNDISP – Land Disposal; MUNSTW – Municipal Storm Water; NON15 – Discharge to land for facilities other than landfills and mines; NPDES – National Pollutant Discharge Elimination System; SCP – Site Cleanup Program; TANKS – Underground Storage Tanks

4. **GeoSym 08 – Richard Booth**

Staffs from the Water Board and the Department of Toxic Substances Control (DTSC) hosted an annual symposium primarily comprised of State of California geologists. The second of these symposia was held recently in Sacramento. Over 100 State geologists attended.

The GeoSym gatherings “boost communication and consistency in the application of geologic and hydrogeologic data by providing State geologists a forum to share information, experiences, and resources.” Besides the Water Boards and the DTSC, State geologists from many agencies attended including California Geological Survey, Caltrans (Division of Environmental Planning), Department of Water Resources (Planning and Assistance, Conjunctive Use), and the California Board of Geologists and Geophysicists (Professional Standards Unit) and local agencies including Orange County Water District, and the Water Replenishment District of Southern California.

The symposium consisted of talks, poster sessions, and after-hours informal gatherings. Particularly enlightening were the various ways State geologists solved their respective agencies' problems. For example, a Caltrans representative spoke of typical problems characterizing waste they often discover when building a new highway. Another geologist with the Department of Water Resources showed us how they use their database of aquifer storage and water quality to allocate water resources.

The 2008 geological symposium achieved its goals. State geologists shared their experiences and gained insight on how our common technical knowledge is used by agencies with differing objectives.

5. **Leviathan Mine Activities – Chein Kao**

Contract Work

The Water Board's contracted activities at the Leviathan Mine Superfund site include pond water treatment (PWT), discharge water quality monitoring, and stream flow and surface water quality monitoring. Pond water treatment is contracted to DECON Environmental, Inc. Treated effluent discharge and surface water quality monitoring samples are collected by Water Board staff. Stream flow monitoring is conducted by United States Geological Survey (USGS). All current contracts are on-going and have not been affected by the budget impasse. Both the PWT contract and the lab contract are multi-year contracts.

DECON personnel completed de-winterization and received their heavy equipment by July 7, 2008. The sludge from last year's treatment, 363 cubic yards, was removed and hauled to the Clean Harbors disposal facility at Buttonwillow, California. DECON cleaned and primed the PWT system, and tested the system for leaks using creek water before the treatment of pond water began. DECON also devised and implemented procedures for hydrating dry lime onsite rather than importing hydrated lime. The new onsite dry lime hydration process reduces the amount of lime needed to treat the pond water, thereby reducing hauling costs, energy use and, potentially, reducing the amount of sludge generated.

Leviathan Mine Project Health and Safety Improvements

New improvements for health and safety procedures have been implemented by Water Board staff at the Leviathan Mine project. A new decontamination area (“decon pad”) was constructed near the

entrance gate on the California Road prior to the summer treatment season. A decontamination trailer and a portable restroom with hand washing stand have been placed at the decon pad to allow staff to sign-in and change clothing before entering the site and to decontaminate before leaving the site. A water tank with pump provides water for decontamination. Separate vehicles are dedicated to be used on site while other vehicles are dedicated for staff transportation between the mine site and the office. Staff medical monitoring has been upgraded to include additional urine analysis during and immediately after the treatment season. The State Water Board's Industrial Hygienist conducted site inspections prior to the summer treatment season and collected air samples to monitor potential exposure during summer site activities. Pond water treatment effluent sampling procedures were modified to eliminate acid handling procedures in the field lab. Additional improvements have also been made to the field lab trailer.

Atlantic Richfield Company responses to EPA's Administrative Order for Remedial Investigation and Feasibility Study at Leviathan Mine

Atlantic Richfield Company (ARCO) submitted a Notice of Intent to Comply (NOI) and Response Comments to EPA's June 23, 2008 Administrative Order (Order). ARCO's July 23, 2008 letter also includes specific comments on provisions of the Order and objections to a number of the terms of the Order. EPA's June 23, 2008 Order requires Atlantic Richfield to perform Remedial Investigation and Feasibility Study (RI/FS) activities, to produce a Data Quality Objectives (DQO) report within 90 Days of the effective date of the Order, and to produce an RI/FS Work Plan within 60 days of EPA's approval of the DQO report.

7. Truckee River Water Quality Monitoring Plan Workshop Aug. 18 –Alan Miller

In recent months, Water Board staff has been working with Placer County and the Town of Truckee to meet the Water Board's requirement to develop a surface water monitoring program plan for the Truckee River watershed between Tahoe City and eastern Truckee. The plan provides for a full range of monitoring activities, including tributary and storm drain system mapping, continuous and discrete water sampling, bioassessments, habitat assessments, and data integration with geographical information systems. With the draft nearing completion, Placer County and the Town of Truckee are hosting a Public Workshop on the draft Truckee River Water Quality Monitoring Plan. The workshop will take place on Monday, August 18, 2008, 1:30 pm, in Truckee. The workshop will include an overview of the draft Plan, followed by a facilitated discussion. The purpose of the workshop will be to share information about the Plan and give the public an opportunity to ask questions, share verbal comments, and participate in a discussion about the Plan.

The draft Truckee River Water Quality Monitoring Plan is available for download at the following ftp site:

<ftp://2ndnaturellc.com/2ndnature/TRWQM>
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Following completion of the Plan, the Town and County will by September 15, 2008, submit the plan to the Water Board for acceptance, with a proposed implementation schedule for the next five years.

8. Project with Tahoe-Baikal Institute Completed – Hannah Schembri, Bruce Warden, & Andrea Stanley

For two weeks this summer Water Board staff partnered with the Tahoe-Baikal Institute (TBI), an environmental non-profit group which strives to foster an

international exchange in sustainability and environmental protection, with a focus on two of the world's premier freshwater ecosystems: Lake Tahoe in the Sierra Nevada and Lake Baikal in southern Siberia. Every summer, TBI participants from North America, Russia, and other parts of the world have the opportunity to study environmental science and policy in these two watersheds.

This year, three participants of TBI's Summer Environmental Exchange assisted Water Board staff in collecting and analyzing water samples for indicator pathogens (E-coli & Fecal Coliform) in the Upper Truckee, East Walker, and Carson River Watersheds. Data collected will be augmented with subsequent sampling conducted by Water Board and Surface Water Ambient Monitoring Program (SWAMP) staff.

The sampling data from the Upper Truckee River will assist in evaluating current levels of pathogen contamination. The waterbody is currently on the impaired waters list (303d list). If this new data indicate that water quality standards are met it can be used to support delisting this waterbody. The Carson River watershed will continue to be sampled for potential pathogen exceedances by SWAMP staff. Walker River samples were taken to replicate stream sampling conducted by ranchers in the Bridgeport Valley and the East Walker River tributaries to comply with their Waiver of Waste Discharge Requirements.

Please visit the following websites for more information on participating agencies/groups:

Tahoe-Baikal Institute,
<http://www.tahoebaikal.org/>

Sierra Nevada Alliance,
<http://www.sierranevadaalliance.org/>

Hunewill Ranch,
<http://www.hunewillranch.com/>

SOUTH BASIN

9. ***Inyo County-Oak Creek Mud Slide – Doug Feay***

On Saturday, July 12, 2008, the Oak Creek watershed received over seven inches of rain, which triggered a mud and debris slide from the headwaters of Oak Creek. Oak Creek flows easterly from the Sierra, crosses Highway 395 just south of the Fort Independence Indian Reservation, near the town of Independence, and flows into the Los Angeles Department of Water and Power (LADWP) aqueduct. The debris flow altered the historic Oak Creek channel and destroyed much of the Mount Whitney fish hatchery ponds, fish brooding area, and one home at the hatchery. Additionally, the Oak Creek campgrounds, 17 homes along Oak Creek; and numerous vehicles were destroyed. The California Department of Transportation (Caltrans) closed Highway 395 for several hours to allow its crews to clear the mud and debris from the highway and re-open at least one traffic lane.

On July 15, 2008, the Governor proclaimed a state of emergency to exist within Inyo County. The next day, Water Board staff participated in a joint-agency incident command post staffed with staff from the CA Department of Fish and Game (DFG), CA Department of Water Resources, CA Highway Patrol, CA Office of Emergency Services (OES), Caltrans, U.S. Army Corps of Engineers, LADWP, and Inyo County. The Inyo County Sheriff served as the incident commander. Within six hours of this meeting, the U.S. Army Corps of Engineers issued an emergency cleanup permit allowing cleanup work in waters of the United States. LADWP has temporarily diverted most of the flow in the upper reaches of Oak Creek to the LADWP aqueduct to

enable restoration work to progress downstream.

Water Board staff inspected Oak Creek and the Mount Whitney fish hatchery on Wednesday, July 16, 2008. Water Board staff observed that within the area impacted by the debris flow, the creek no longer flowed within a confined channel but was sheet-flowing across an alluvial fan. Water quality issues related to this event concerned the cleanup and removal of mud, debris, and dead fish from the creek and fish hatchery, respectively, and restoration of the creek channel. The Office of Emergency Services (OES) has tasked Caltrans with debris removal from Oak Creek itself and restoration of flow into the historic creek channel. The California Conservation Corps, California Department of Corrections, DFG, and local volunteers are helping to cleanup the fish hatchery. After the July 2007 Inyo Complex Fire, the Forest Service decided not to implement slope stabilization or hydroseeding measures. However, after the mud/debris flow, the Forest Service is reconsidering this decision and may implement appropriate measures in the area surrounding Oak Creek. Water Board staff continue to support local, county, and state agencies during the process of creek cleanup and restoration.

10. ***City of Barstow Wastewater Treatment Plant and Status of Groundwater Investigation – Jan Zimmerman***

The Water Board has issued Orders requiring the City of Barstow (City) to conduct groundwater investigation activities to identify the full extent of the impacts to groundwater quality caused by the City's treated wastewater and biosolids disposal practices. The Orders required the City to submit a groundwater investigation report and a remedial action

plan proposing actions to address the identified impacts. The Orders were issued in response to groundwater monitoring data documenting elevated nitrate concentrations in the groundwater beneath and adjacent to the City's wastewater disposal sites. Since then, elevated nitrate concentrations have been detected at various groundwater depths within the shallow (to 65 feet below ground surface (bgs), intermediate (140 to 150 feet bgs), and deep (250 feet bgs) aquifer zones. The groundwater monitoring network has evolved into a collection of 37 shallow zone, 7 intermediate zone, and 6 deep zone monitoring wells.

Groundwater impacts have been greatest in the shallow zone aquifer downgradient of the treatment plant and both north and south irrigation fields with some nitrate concentrations exceeding the drinking water standard (maximum contamination level or MCL) of 10 mg/L as N by nearly 4-times. To date, the groundwater investigation has identified several additional potential sources of nitrates, but has yet to fully delineate the nitrate plume emanating from the treatment plant and both irrigation fields. Further, the investigation has not determined if there is one single commingled plume, several distinct plumes, or a combination of the two in this region. The City has been directed to continue to monitor the shallow zone wells and to focus its efforts on delineating the lateral extent of the nitrate plume downgradient of the treatment plant and both irrigation fields.

The first intermediate zone wells were installed in 2007. Though nitrate data are limited, elevated nitrate concentrations above presumed interim background levels of 2 milligrams per liter (mg/L as N) have repeatedly been detected in wells downgradient of both irrigation fields and

the treatment plant. The City has been directed to install an intermediate monitoring well downgradient of the northern irrigation field. In addition, the City has been directed to install another intermediate zone monitoring well, in order to fully delineate the lateral extent of the nitrate plume downgradient of all current and past wastewater treatment and disposal operations.

Analytical data for the deep zone wells indicate that nitrate as nitrogen concentrations are very low. The highest concentrations have historically been detected in well MW-01-2, located upgradient of the treatment plant facility. Based on these data, Water Board staff concludes that the City's groundwater investigation has delineated the extent of nitrate degradation (above 2 mg/L as N) within the deep aquifer zone, and the installation of additional deep zone wells is not warranted.

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

The Water Board adopted an Amended Cease and Desist Order (CDO) for the District on November 29, 2007. The Amended CDO requires the District to achieve final compliance with Waste Discharge Requirements by June 18, 2010 by halting discharges of nitrogen to ground water that create a condition of pollution or that are in violation of Basin Plan water quality objectives including the non-degradation objective.

To achieve compliance, the District is implementing a project that includes three synthetic-lined storage reservoirs, and pump stations and force mains to move effluent from the treatment plant

site to the storage reservoirs. During the winter, the reservoirs will store effluent that exceeds the agronomic needs of the crops in the effluent management site. The project also includes a new activated-sludge tertiary treatment plant (with nitrogen removal) for upgrading and expanding the wastewater treatment at the existing plant site. On April 23, 2008, the District awarded contracts for the new tertiary treatment plant and the three lined storage reservoirs, and construction is expected to begin soon. Construction is underway for the pump stations and force mains.

The District is expected to achieve final compliance with the Amended CDO before June 18, 2010 by completing construction and starting operation of the pump stations, force mains and three lined impoundments for storage of treated effluent and irrigation of crops at rates that do not exceed either the water or nutrient agronomic rates.

CASE CLOSURE REPORT
August 2008
 State of California
 Lahontan Regional Water Quality Control Board

Date Closure Issued	Site Name	Site Address	Case Number	Case Type	Remaining Groundwater Concentrations above Water Quality Objectives (in ug/L)	Remaining Soil Concentrations (in mg/Kg)	Distance from Site to Nearest Receptor	Remedial Methods Used
July 10, 2008	STPUD Waste Water Treatment Plant Emergency Generator Diesel Spill	1275 Meadow Crest Drive, South Lake Tahoe	T6S060	SCP	NA	17 TPHd	Heavenly Valley Creek 200' South	Overexcavation, dewatering

Notes:

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

EO'S Monthly Report
6/16/08 - 7/15/08
Unauthorized Waste Discharges

COUNTY: LOS ANGELES

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Carl's Junior / Private sanitary sewer lateral	North Sierra Ave and Ave. J, Lancaster	S	N	Raw sewage	7/14/2008	900 gal	Grease interceptor that had been poorly maintained caused a backup in the restaurant's sewer lateral. Sewage emerged from a manhole on the restaurant's property.	Ground and Storm drain	Restaurant's plumber removed the blockage. The City inspected the adjacent storm drain and found sewage in both a catch basin and a portion of the storm drain. The City applied a 5% bleach solution to the catch basin and vacuumed up liquid. City recovered 850 gal from private property, the street, and the storm drain. Cleanup is complete, no further action recommended.

COUNTY: SAN BERNARDINO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Lake Arrowhead CSD / Sewage Collection System	Manhole adjacent to 26677 Lake Forest Dr, Twin Peaks	S	Y	Raw sewage	6/17/2008	2500 gal	Overflow from a manhole. State and County Health were notified. Rocks removed from sewer – placed there by vandals.	Grass Valley Creek	The Discharger built a dike to contain sewage and stopped the overflow. The Discharger contained 500 gals within the dike; the remaining 2000 gals discharged into the creek. Water Board staff inspected the site on June 18, 2008. Discharger cleaned up soil affected by the spill. Creek was posted, and samples were collected. Notice of Violation issued August 21, 2008.

COUNTY: SAN BERNARDINO

Discharger/Facility	Location	Basin	Regulated Facility	Substance Discharged	Spill Date	Discharge Volume	Description of Failure	Discharge To	Status
Pacific Gas & Electric Co / Three Surface Impoundments	Compressor Station, Fairview Rd, Hinkley	S	Y	Cooling water	7/2/2008	Approx. 500 gallons	Cooling water overflowed from the compressor cooling water storage tank because of a malfunctioning float valve.	Ground	Discharger recovered 150 gallons; the remaining 350 gallons discharged percolated into the ground. Discharger repaired float valve. Discharger collected soil samples and analyzed for heavy metals, including Cr(VI). Notice of Violation issued August 15, 2008.
City of Barstow / Collection System	L Street and Route 66, Barstow (BNSF RR Yard)	S	Y	Raw sewage	7/15/2008	10,000 gal.	A 30-inch sewer trunk line clogged from construction debris and broke, discharging untreated sewage to the ground and a storm water collection basin south of the BNSF railroad yard.	Ground	City used heavy equipment to contain the spill. City cleaned up debris, disinfected area, collected soil samples, and posted the storm water basin with warnings to avoid contact with soil or water. Staff determined that there are active municipal wells within 1 mile of the spill area and requested the City notify the well owners of the spill. City notified local water purveyors of the release. Notice of Violation issued August 21, 2008.