

**California Regional Water Quality Control Board
Central Valley Region
Pamela Creedon, Executive Officer**



**EXECUTIVE OFFICER'S REPORT
August 4-5, 2011**

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SUCCESS STORIES

1. **Administrative Civil Liability Orders for Mandatory Minimum Penalties**

On 24 June 2011, the Executive Officer issued the following ACL Orders for Mandatory Minimum Penalties (MMPs) pursuant to California Water Code section 13385:

a) **ACL Complaint R5-2011-0581 was issued to the Maxwell Public Utilities District, Wastewater Treatment Plant, Colusa County.**

The MMPs were in the amount of \$441,000 for violations of effluent limitations for ammonia, biochemical oxygen demand, pH, total coliform organisms, and total suspended solids that occurred during the period 1 October 2010 through 28 February 2011. The Maxwell PUD serves a small community with a financial hardship, and therefore the Order allows the \$441,000 penalty to be credited toward a compliance project. Maxwell is building a new wastewater treatment plant, which will be operational by 1 April 2012.

b) **ACL Complaint R5-2011-0582 was issued to the City of Williams, Wastewater Treatment Plant, Colusa County.**

The MMPs were in the amount of \$156,000 for violations of effluent limitations for ammonia, biochemical oxygen demand, chlorodibromomethane, dichlorobromomethane, pH, and total suspended solids that occurred during the period 1 November 2010 through 28 February 2011. The City of Williams is a small community with a financial hardship, and therefore the Order allows the \$156,000 penalty to be credited toward a compliance project. The City is building a new wastewater treatment plant, which will be operational by 28 February 2012.

c) **ACL Complaint R5-2011-0583 was issued to the City of Live Oak, Wastewater Treatment Plant, Sutter County.**

The MMPs were in the amount of \$387,000 for violations of effluent limitations for ammonia that occurred during the period 1 November 2010 through 28 February 2011. The City of Live Oak is a small community with a financial hardship, and therefore the Order allows the \$387,000 penalty to be applied to a compliance project. Live Oak is building a new wastewater treatment plant which will be operational by 31 December 2012. (BLH)

2. **No Further Action Required, Former Huron Auxiliary Field No. 2, Huron, Fresno County**

The Department of Defense operated Huron Auxiliary Field No. 2 (Site), also known as the Lemoore Auxiliary Field (A-2 Huron), from 1942 through 1944. The Site was one of eight auxiliary fields used in conjunction with the former Lemoore Army Airfield - Basic Flying School. Site improvements included a 3,000-foot by 3,000-foot light bituminous, paved, all-way landing mat suitable for small aircraft and three small buildings. No fueling stations or underground storage tanks were located at the Site. A 1948 decontamination certificate was issued, which certified that, "all structures and facilities located on Lemoore Army Air Field Auxiliary Field No. A-2 (Huron), California contains no explosives or other materials which might be considered dangerous to future occupants of this installation." Site inspections in 1989 and 2006, performed by environmental contractors to the United States Army Corps of Engineers (Corps of Engineers), determined that no improvements remained at the Site, which was under cultivation, and no evidence was found of hazardous or toxic waste, ordnance, or unsafe building debris. The Site remains in agricultural use today and is transected by the California Aqueduct. In 2011, the Corps of Engineers recommended a determination of *No Department of Defense Action Indicated* (NDAI) for the Site. Based upon review of available information, Central Valley Water Board staff concurred with the NDAI on 23 June 2011 and no further action is required at the Site. (DLC)

3. **No Further Action Required, Former West Auxiliary Field No. 5, Fresno County**

The Department of Defense operated West Auxiliary Field No. 5 (Site), also known as the Lemoore Auxiliary Field (A-5 West), from 1942 through 1946. The 522 acre air field Site was one of eight auxiliary fields used in conjunction with the former Lemoore Army Airfield - Basic Flying School. Site improvements included a 3,000-foot by 3,000-foot asphalt, all-way landing mat suitable for small aircraft and three small buildings. Information suggests no fueling stations or underground storage tanks were located at the Site. Site inspections in 1992 and 2006, performed by environmental contractors to the United States Army Corps of Engineers (Corps of Engineers), determined that no improvements remained at the Site, which was under cultivation, and no evidence was found of

hazardous or toxic waste, ordnance, or unsafe building debris. The Site remains in agricultural use today. In 2011, the Corps of Engineers recommended a determination of *No Department of Defense Action Indicated* (NDAI) for the Site. Based upon review of available information, Central Valley Water Board staff concurred with the NDAI on 27 June 2011 and no further action is required at the Site. (DLC)

4. **No Further Action Required, Former Hanford Chemical Warfare Service Warehouse, Hanford, Kings County.** The Department of Defense (DoD) leased the Hanford Warehouse facilities (Site) from March 1942 through April 1946. The 2.9 acre Site included 68,000 square feet of warehouse and storage space, a 40,000-gallon underground concrete fuel oil tank and associated boiler for the facility. Records indicate that the Site was used to store only non-lethal chemical warfare materials and equipment, such as gas masks and activated charcoal. The Site changed ownership several times after use by the DoD. In 1987, the 40,000-gallon underground tank was filled with sand slurry and abandoned in place under the oversight of Kings County. A few years later, the underground tank was removed completely. As of October 1990, the warehouse and all previous improvements had been removed from the Site. Site inspections in 1994 and 2006 found no evidence of hazardous or toxic waste, waste ordnance, or hazardous building debris related to DoD occupation. The Site is currently occupied by a mini-storage facility, an open lot, and a wastewater treatment system for a nearby cheese processing facility. The Site is part of an ongoing groundwater investigation, under the oversight of the Central Valley Water Board, to identify the source of liquid phase hydrocarbons (diesel) detected in monitoring wells in the area. Information to date suggests the diesel release is from other sources and not related to the former underground tank. In 2010, the Corps of Engineers recommended a determination of *No Department of Defense Action Indicated* (NDAI) for the Site. Based upon review of available information, Central Valley Water Board staff concurred with the NDAI on 17 May 2011 and no further action by the Corps is required at the Site. (DLC)
5. **No Further Action Required - Underground Storage Tanks (UST)**
Following are sites where Board staff determined that investigation and remediation work may be discontinued and that no further action is required. Further, any residual hydrocarbons remaining do not pose a threat to human health and safety or anticipated future beneficial uses of water. This determination is based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Article 11, Division 3, Chapter 16, Title 23 of the California Code of Regulations requires public notification when the Board determines that corrective actions have been completed and that no further action is required at a leaking underground storage tank site. This document serves to provide public notification.

For more information regarding a site, the appropriate office personnel should be contacted: Fresno (559) 445-5116, Redding (530) 224-4845, and Sacramento (916) 464-3291.

FRESNO OFFICE

Madera County

CalTrans Maintenance Yard, 35500 Highway 41, Coarsegold

Water from a domestic well at the site had a gasoline odor in 1979. The well was destroyed and replaced. Two USTs were removed in 1997 and gasoline and diesel were detected in soil. An investigation determined that gasoline and diesel were present in shallow perched groundwater and in the deeper fractured rock groundwater. Subsequent soil vapor extraction and air sparging removed about 107 pounds (17 gallons) of gasoline. No petroleum hydrocarbons have been detected in the domestic well since 2001. During the most recent groundwater monitoring event, the only petroleum hydrocarbons detected in the deep groundwater were a trace (less than 1 part per billion) of benzene and MTBE. MCLs were exceeded in the source area in the shallow perched groundwater but are expected to degrade to below MCLs in 5 to 10 years. The remaining mass of gasoline of about 10 pounds (1.5 gallons) does not threaten human health or the environment. The site was closed on 7 June 2011. (JWH)

REDDING OFFICE

Butte County

Sierra Superstop, 1627 Highway 99, Gridley

From 1997 to 1999 the Discharger conducted three separate subsurface investigations that confirmed petroleum impacts to soil and groundwater. Five USTs totaling 65,000 gallons were removed from the site in 2000. Pilot testing of soil vapor extraction and air sparge remedial techniques were initiated in 2005, full scale implementation commenced 2007. Remedial activities reduced the lateral extent of contamination from 83,000 to less than 4,000 square feet. An initial 4,355 lbs of pollutant mass in soil has been reduced to 524 lbs (91% reduction). An initial 447 pounds of pollutant mass in groundwater has been reduced to 0.4 pounds (99% reduction). A No Further Action letter was issued on 28 June 2011. (CES)

Wrights Automotive, 2829 Oro Dam Blvd., Oroville

The Discharger removed one 6,000-gallon and two 4,000-gallon USTs in 1999. Soil and groundwater contamination resulting from gasoline storage was confirmed at the time of tank removal. Ozone/soil vapor extraction systems were installed in 2005 and expanded in 2008. Remedial activities removed approximately 11,049 pounds of TPHg and 525 pounds of VOCs. Less than 2 pounds of TPHg and less than 0.5 pounds of benzene remain. A No Further Action letter was issued on 22 June 2011. (CES)

Former Butte County Mosquito Vector Control District Substation, Chico, Butte County

At this site, the Discharger historically poured waste organo-chlorine pesticides into a likely former septic tank. Due to concerns about underlying shallow groundwater, on 19 November 2010 Butte County Environmental Health Division requested the Central Valley Water Board to become lead agency. The Discharger subsequently excavated 160 tons, about 120 cubic yards, of contaminated soil, with roughly 0.03 pounds (15 grams) of gross organo-chlorine pesticides. The Discharger disposed of contaminated soils as non-hazardous waste into a Class III municipal solid waste landfill. Residual soil mass is negligible. Endrin remains in soil at depth, to 13 micrograms/kilogram. This concentration does not significantly threaten human receptors or groundwater.

Shasta County

United Parcel Service, UPS-Redding Center, 6845 Eastside Road, Anderson

The site is an active UPS package distribution center. In 1993, three USTs and associated piping were removed and replaced. Tank pit soil and groundwater samples contained gasoline constituents. In 2008 1,700 tons of petroleum contaminated soils were excavated from the area of the former UST pit and remediated on-site by landfarming. Following the source area excavation, oxygen release compound and Petrox were injected into the subsurface to enhance bioremediation of impacted groundwater. About 1,440 pounds of cumulative pollutant mass was destroyed at the site via the various remedial techniques. It is estimated that less than 10 pounds of pollutants remain on site and will continue to degrade. A No Further Action letter was issued on 21 June 2011. (GCS)

ARCO Service Station #6106, 2402 Cascade Boulevard, Redding

The site is an active fueling station. In 1989, four USTs and associated piping were removed and new USTs were installed in another area of the site. Tank pit soil samples contained gasoline constituents. Subsequent investigations identified impact to groundwater. Between 2004 and 2008 annual multi-day batch dual phase extraction events were conducted at the site. About 715 pounds of cumulative pollutant mass was destroyed at the site via the various remedial techniques. The discharger estimates that less than one pound of residual pollutants remains in groundwater. A No Further Action letter was issued on 21 June 2011. (GCS)

CalTrans Redding Shop 2 Facility, 1000 Center Street, Redding

The site is an active California Department of Transportation vehicle maintenance shop. In 1992, two gasoline and one diesel USTs, associated piping and dispensers were removed. Tank pit soil and groundwater samples contained gasoline and diesel constituents. Subsequent investigations characterized the release and confirmed impact to groundwater. Pollutant mass was removed from soils and groundwater by natural attenuation processes. Based on site analytical data, approximately 2 pounds of cumulative pollutant mass (TPHd) were destroyed and less than one pound of pollutants remain in groundwater at the site. A No Further Action letter was issued on 29 June 2011. (GCS)

Siskiyou County

Frank's Shell, 5345 Dunsmuir Avenue, Dunsmuir

Seven underground storage tanks (USTs) were removed from the site between 1999 and 2002. Soil and groundwater samples obtained during tank removal actions identified petroleum related impacts. Corrective actions implemented at the site include removal of 1,200 tons of impacted soil and operation of an ozone injection system. Pollutant mass removal at the site has occurred through a combination of source removal, bio-stimulation, natural attenuation processes, and dispersion. An estimated 297 lbs of petroleum was removed by source removal actions and approximately 30.3 lbs of petroleum are sorbed to soil particles. By June 2010, approximately 0.05 lbs of petroleum remained dissolved in groundwater beneath the site. Case closure occurred in May 2011. (DPS)

SACRAMENTO OFFICE

Amador County

Big Trees Market, 25020 Shake Ridge Road, Volcano

The site was originally a retail gasoline station, grocery store and delicatessen that operated two (2) 5000-gallon gasoline USTs. The gasoline service station ceased operation and the USTs were removed in September 1999. Numerous domestic supply wells were impacted by the release as gasoline moved through the fractured rock aquifer. Soil excavation, air-sparging and vapor and dual phase extraction, in addition to monitored natural attenuation, were utilized to remediate the site. Initial contaminant volume released was estimated to be about 709 gallons (gasoline). The site's consultant estimates the remaining volume is less than 2 gallons and that groundwater contaminant concentrations will meet water quality objectives within the next 21 years. All site monitoring wells were properly destroyed in June 2011 and the site was closed under a low risk closure on 24 June 2011. (GTM)

Glenn County

Kampschmidt Trucking, 895 North Tehama Street, Willows

On 3 February 2005, two 500-gallons (UST) were removed from the site at which time impacted soil was noted. Remedial efforts include the subsurface injection of ORC to promote enhanced biodegradation, and natural attenuation. Sampling data has shown all water quality objectives and human health concerns have been adequately achieved. It is estimated that less than 140 pounds (22 gallons) of petroleum hydrocarbons remain, a mass reduction of over 85% of the original mass of almost 900 pounds (144 gallons). The site was formally closed on 23 June 2011. (JIM)

Lake County

P.D.K. SS (Former), 485 East Highway 20, Upper Lake

Underground storage tanks were removed from the site in 1995 and 1998, and soil and groundwater contamination were subsequently detected at the site. About 4,000 cubic yards of impacted soil was excavated and removed (estimated 4.5 pounds of TPH removed). Natural attenuation has reduced the remaining mass to an estimated 0.05 pounds. The site was closed in May 2011. (GTM)

Shaw's Shady Acres, 7805 Highway 53 (Cache Creek Way), Clearlake

The site is a mobile home park and convenience store that operated a 550-gallon gasoline UST and fuel dispenser. The UST and dispenser were removed in 1997, and soil excavation and monitored natural attenuation were utilized to remediate the site. Initial contaminant mass released was estimated to be about 1,113 pounds. The site's consultant estimates the remaining mass is 62 pounds. Groundwater underlying the site has reached water quality objectives. All site monitoring wells were properly destroyed in March 2011, and the site was closed on 27 June 2011. (GMT)

Placer County

Tesoro Station # 67081, 3430 Taylor Road, Loomis

This site is an active retail gasoline fueling facility and convenience store. In 1988 soil gas samples confirmed that an unauthorized release of petroleum hydrocarbons had occurred. Investigative and remedial work began in 1990 and by 1993 the site's UST system, consisting of three unleaded gasoline USTs, a used

oil UST, and an oil-water separator had been removed. A combination of active remediation and natural attenuation removed about 23,700 pounds (4000 gallons) of petroleum hydrocarbons, significantly reducing concentrations in the subsurface. The remaining mass of petroleum constituents in groundwater of about 6 pounds (1 gallon) should attenuate below water quality objectives within 20 years. The Site was closed on 8 June 2011. (PRS)

Sacramento County

Arco Station, 3800 47th Avenue, Sacramento

In May 2001, petroleum hydrocarbons were detected in soil samples collected during product line and dispenser replacement. Groundwater monitoring was initiated in 2002, and groundwater impacts were observed in 2003. Monitored natural attenuation was selected as the remedial alternative. Water quality objectives should be reached within 25 years. There was an estimated residual mass of 218 pounds (35 gallons) of gasoline range organics and 4.2 pounds of MTBE in soil and 1.4 pounds of MTBE in groundwater. The site was closed on 19 May 2011. (VJF)

San Joaquin County

Dolly Madison/Langendorf Bakery, 1426 South Lincoln Street, Stockton

In July 1988, a one 1,000-gallon gasoline UST was removed from the Site. A soil vapor extraction (SVE) and air sparging (AS) treatment system ran from September 2009 to December 2010. Approximately 1,086 pounds (174 gallons) of petroleum hydrocarbons were removed by active remediation. The remaining mass of petroleum hydrocarbons of around 46 pounds (7 gallons) does not pose a threat to human health or the environment. After all monitoring wells were properly abandoned and public participation was complete, the case was formally closed on 4 May 2011. (JLB)

Sutter County

More For Less, 10020 Live Oak Boulevard, Live Oak

In November 2000, petroleum hydrocarbons were observed in soil during the USTs system upgrades, and monitoring wells were installed. Methyl t-butyl ether (MTBE) in groundwater extended downgradient over 800' offsite. Ground water pump and treatment, with soil vapor extraction; and an offsite air sparge system removed approximately 106 pounds (20 gallons) of petroleum hydrocarbons from groundwater. The remaining mass of petroleum hydrocarbons of about 2 pounds (<1 gallon) at this site does not pose a threat to human health or the environment. After all monitoring wells were properly abandoned and public participation was complete, the case was formally closed on 9 June 2011. (JLB)

R.G. Tucker & Sons, 14990 Browning Road, Robbins

In July 1997, one 550-gallon gasoline UST was removed from the Site. Natural attenuation removed approximately 8 pounds of petroleum hydrocarbons in groundwater. The remaining mass of petroleum hydrocarbons in site of about 30 pounds (5 gallons) does not pose a threat to human health or the environment. After all monitoring wells were properly abandoned and public participation was complete, the case was formally closed on 14 June 2011. (JLB)

Yolo County

Milne Trucking, 830 East Street, West Sacramento

In 1988 the UST system was replaced with two new USTs and approximately 380 tons of contaminated soil removed. Soil and groundwater investigations defined the limits of the plume to 20 feet below ground surface (bgs), and indicated hydrocarbons are degrading. A sensitive receptor survey showed there are no water supply wells nearby. The remaining mass of about 128 pounds (20 gallons) of petroleum hydrocarbons in soils does not present a threat to human health, water quality, or the environment. All monitoring wells were destroyed and the site closed on 5 May 2011. (DFS)

Yolo County Fairgrounds, 1250 Gum Avenue, Woodland

In July 1992 two 500-gallon gasoline USTs were removed and an unauthorized release was identified. Soil vapor extraction, bio-venting, and monitored natural attenuation were used to remove an estimated 1,000 pounds of TPH, less than 10 pounds remain. Public participation was conducted and all remedial/monitoring wells have been properly abandoned. The case was formally closed on 12 May 2011. (DFS)

Terminal Truck Service, 971 F Street, West Sacramento

In July 1998 one 2,000-gallon UST was removed and an unauthorized release was identified. Following investigation, monitored natural attenuation was selected as the most cost-effective remedial alternative. It is estimated that over 1,400 pounds of TPH was initially identified and that less than 560 pounds remain. Public participation was conducted and all remedial/monitoring wells have been properly abandoned. The case was formally closed on 21 June 2011. (DFS)

Yuba County**Jackpot Food Mart Marysville, 605 10th Street, Marysville**

The site is currently a food and liquor mart. In September 1997, three 10,000-gallon gasoline USTs and 100 cubic yards of impacted soil were removed from the site. About 4 pounds of petroleum pollution was removed through this activity and about 382 pounds remain in soils at the site. Soil and groundwater contaminants remaining in the subsurface are weathered, limited to the property boundaries, and do not pose a significant risk to any potential sensitive receptors at the area. The site was closed in February 2011. (MTS)

Local Agency UST Closures with Concurrence of Board Staff**Sacramento County**

Oak Park Market, 3300 12th Avenue, Sacramento
USA Station #208, 2281 El Camino Avenue, Sacramento
Former Exxon #7-0128, 7901 College Town Drive, Sacramento
Former Mayflower Moving Company, 908 20th Street, Sacramento
Former 16th St & G Streets Service Station Site, 631 16th Street, Sacramento
Downtown Sacramento County Parking Garage, 725 7th Street, Sacramento
AT&T Facility, 2615 Mercantile Drive, Rancho Cordova

San Joaquin County

Bob's Muffler, 466 Moffet Boulevard, Manteca

Stanislaus County

Quick-N-Save, 5201 Yosemite Avenue, Empire
Arco, 1030 Main Street, Turlock

Local Agency UST Closures Independent of Board Staff Review

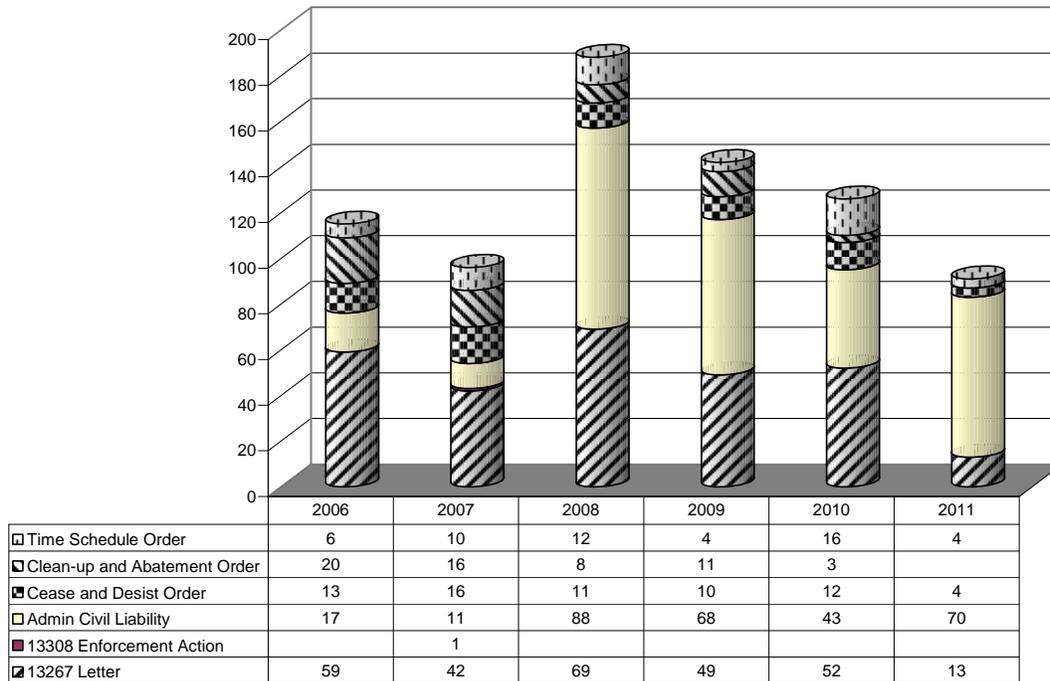
COMPLIANCE AND ENFORCEMENT

1. **Cleanup and Abatement Order R5-2011-0702 issued to City of Stockton, San Joaquin County**
On 20 June 2011, the Executive Officer issued Cleanup and Abatement Order (CAO) R5-2011-0702 to the City of Stockton for violations of the ammonia effluent limit in discharges from its Regional Wastewater Treatment Plant. The violations occurred in January and February 2011, and were due to cold temperatures in the influent to the nitrifying biotower (NBT). The City has determined that it needs to modify the existing NBT and construct an additional NBT unit in order to consistently comply with its ammonia effluent limitations. The CAO incorporates the timeline requested by the City, and requires the City complete temporary upgrades before this winter and to complete the final upgrades by August 2013. (BLH, VRV)
2. **13267 Order for Technical Reports, City of Galt, Wastewater Treatment Plant, Sacramento County**
On 29 June 2011, the Executive Officer issued a California Water Code Section 13267 Order for Technical Reports to the City of Galt for submitting incomplete and inaccurate self-monitoring reports (SMRs) required under Waste Discharge Requirements Order R5-2010-0099 (NPDES CA0081434). The City of Galt was required to submit electronic SMRs following a training provided by the State Water Board and Regional Board in October 2010. The 13267 Order requires the City of Galt to submit complete and accurate electronic SMRs beginning with the June 2011 monthly SMR, which is due 1 August 2011. (AMP, VRV)
3. **Winemucca Trading Company, Former Shasta Paper Mill, Anderson, Shasta County**
Winemucca Trading Company (Discharger) acquired the former Shasta Paper Mill through bankruptcy proceeding in 2004. At that time, the Central Valley Water Board issued a Cleanup and Abatement Order (CAO) to the Discharger requiring cleanup and abatement of wastes stockpiled, stored, and discharged to the site. The Discharger violated the CAO by failing to cleanup subject wastes in accordance with the CAO. In 2008 the Central Valley Water Board issued an ACLC for subject violations of the 2004 CAO. From 2008 through 2010, the Discharger failed to comply with negotiated terms of the ACLC. In March and April 2011, Redding Office staff and the Office of Chief Council drafted a new revised 2008 ACLC to address these violations. The revised ACLC and an administrative subpoena were sent to the Discharger on 1 April 2011. The subpoena required the Discharger to provide pertinent information by 2 May 2011. The Discharger has failed to comply with deadlines ordered by the subpoena. An ACLC in the amount of \$487,893 is now scheduled for the August 2011 Central Valley Water Board meeting. The Office of Chief Council is currently evaluating further enforcement action to address Discharger's non-compliance with the administrative subpoena.

Enforcement Update

The Central Valley Water Board oversees currently the compliance of approximately 40,000 individual dischargers or facilities covered by various permitting measures via ten major (core and non core) regulatory programs. The following graphs are based on information contained in CIWQS tracking the core regulatory programs¹ through 1 July 2011 depicted by calendar years. Some of the formal enforcement actions, such as Administrative Civil Liabilities (ACL complaints or orders), are tracked in CIWQS for all programs, so they are counted in the following chart.

Formal Enforcement Actions per Calendar Year (As of 1 July 2011)

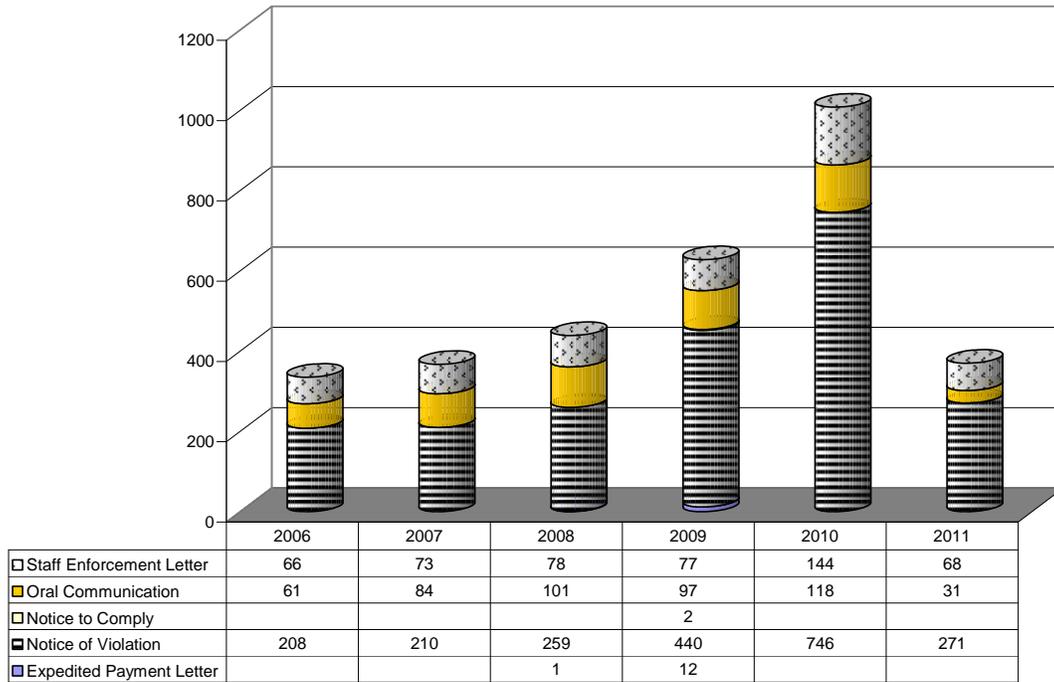


- Starting with fiscal years 2006, 2007 the region's efforts realigned and reoriented toward a more focused emphasis on compliance and enforcement activities;
- In 2008, we implemented an effort to eliminate the backlog of Mandatory Minimum Penalty (MMP) violations accumulated since 2000. The effort was successful and the backlog was eliminated. Currently, the Central Valley Water Board staff processes MMPs in a quasi real time basis, complying with the requirements of the Enforcement Policy that provides that MMP violations should be processed within 18 months of discovery. State Water Board's Office of Enforcement has issued an update of the statewide status of the MMP Enforcement Initiative at http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/mmp_update_030110.pdf
- In 2009 Central Valley Water Board lost 11.4 positions and in 2010 we lost 10.6 positions. However, despite these reductions, staff continued to balance its efforts as efficiently as possible between formal and informal enforcement actions in order to maintain a high level of compliance by the

¹ The five core regulatory programs are: NPDES Wastewater, NPDES Stormwater, Wetlands and 401 Certification, Non 15 Waste Discharge Requirements, Title 27 Land Disposal. The construction and industrial components of the NPDES Stormwater program are now tracked in SMARTS module.

regulated community.

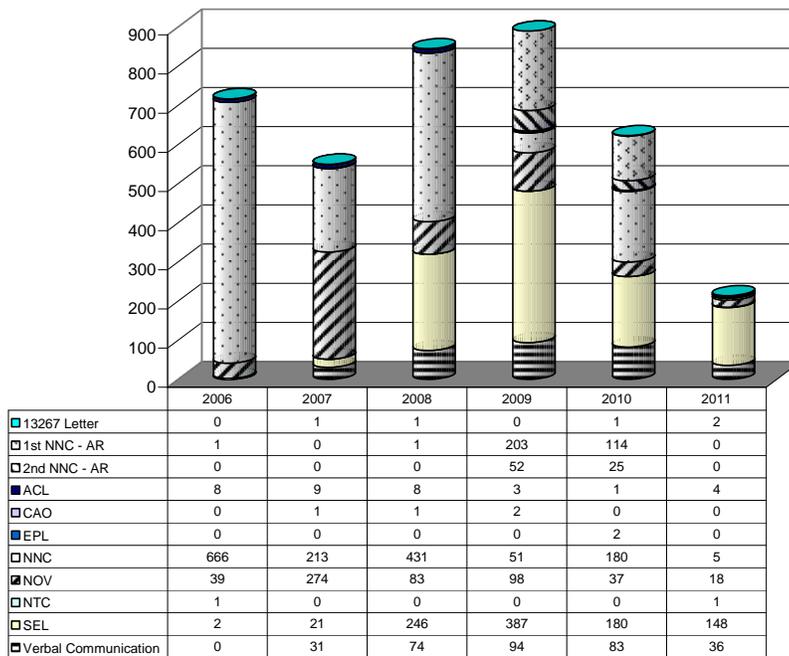
Informal Enforcement Actions per Calendar Year (As of 1 July 2011)



- The trends in the graphs included in this section reveal the progressive enforcement and prioritization stance followed by Regional Board staff: while in one year there may be a spike in informal activities, that may be followed by a spike in formal enforcement actions the following year in case some of the dischargers failed to respond adequately to the lower level enforcement actions.

Furthermore, as explained in the previous EO Reports, the Storm Water Program (construction and industrial facilities) transitioned to a new data module named SMARTS (Storm Water Multi-Application, Reporting, and Tracking System) in order to allow the handling of the specific needs of the program. As the reporting tools for the SMARTS module are developed, we will include a more detailed analysis in future reports. The following graph illustrates data available in SMARTS to date. Some of the formal enforcement actions, such as ACLs, may also be captured in the main CIWQS chart depicting formal enforcement actions.

**Storm Water Program Enforcement Activities (Formal and Informal)
(as of 1 July 2011)**



Based on data publicly available from CIWQS covering the core regulatory programs, Central Valley Water Board staff continues to be very active in the compliance and enforcement areas. Staff is consistently using the progressive enforcement approach, as demonstrated by the good mixture of formal and informal enforcement actions used throughout the programs.

California Integrated Water Quality System Project (CIWQS)

ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION

Here is your Customized Enforcement Actions by Region/Program/Action Report!

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SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

Status (**Active**,**Historical**,**Withdrawn**) Occurred on or after **01/01/2011** Occurred on or before **6/30/2011**

RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NTC	SEL	SETCO	STP	TPA	TSO	UNK	VER	TOTAL*
1	2	0	0	11	5	0	2	0	10	1	3	1	0	0	0	1	1	37
2	0	0	0	11	4	1	9	0	46	0	2	0	1	1	0	4	13	92
3	0	0	0	1	0	0	6	0	6	0	0	0	0	0	0	0	2	15
4	15	0	0	17	0	0	33	9	189	7	16	1	0	0	4	206	4	501
5F	11	0	0	12	0	0	0	0	26	0	24	0	0	0	5	0	15	93
5R	2	0	0	9	0	0	0	0	28	0	18	0	0	0	2	1	24	84
5S	2	0	0	57	0	4	0	9	240	0	27	0	0	0	0	1	28	368
6T	1	0	0	1	0	1	0	0	4	2	13	0	0	0	0	0	10	32
6V	5	0	0	0	2	3	1	0	21	0	6	0	0	0	0	0	40	78
7	0	0	0	12	1	2	0	0	1	0	31	0	0	0	0	0	0	47
8	0	6	1	2	0	0	0	66	8	0	16	0	0	0	0	1	51	151
9	2	0	0	8	0	0	1	2	4	0	67	0	0	0	1	1	0	86
STATEWIDE*	40	6	1	141	12	11	52	86	583	10	223	2	1	1	12	215	188	1,584

ENFORCEMENT ACTION LOOKUP:

13267 = 13267 Letter	1st_NNC = 1st Annual Report Notice of Non-Compliance	2nd_NNC = 2nd Annual Report Notice Noncomp
ACL = Admin Civil Liability	CAO = Clean-up and Abatement Order	CDO = Cease and Desist Order
EPL = Expedited Payment Letter	NNC = Notice of Stormwater Noncomp	NOV = Notice of Violation
HTC = Notice to Comply	SEL = Staff Enforcement Letter	SETCO = Settlement - Court Order
STP = Stipulated Penalty	TPA = Third Party Action	TSO = Time Schedule Order
UNK = 13267 Letter/Order	UNK = Unknown	VER = Oral Communication
VER = Verbal Communication		

A cursory review of the data demonstrates that the Central Valley Water Board contributed over 33% to the total of statewide efforts to achieve compliance with the water quality requirements.

In addition, a significant number of enforcement actions were issued by other programs not currently tracked in CIWQS database. For example, programs such as Underground Storage Tanks, Irrigated Lands Regulatory Programs, Site Cleanup, issued numerous formal and informal enforcement actions during the first half of 2011.

Enforcement Prioritization

In concordance with the new Enforcement Policy, Regional Water Board continues to implement an enhanced enforcement prioritization process for all regulatory programs in coordination with State Board's Enforcement Office staff. This action is part of the statewide coordinated effort to implement the directives of the new Enforcement Policy. Staff continues to enhance the routine enforcement prioritization process so it addresses the requirements of the Enforcement Policy and matches the specific challenges and characteristics of the Central Valley Water Board.

Transparent Access to Enforcement Information

In order to increase the transparency of our enforcement activities, formal enforcement actions, such as Administrative Civil Liabilities Complaints or Orders, are posted on our website within a short time of their issuance. They can be accessed through the main webpage by going to the [Board Decisions](#) tab or by accessing the [Enforcement](#) link found on the home page. On the same Enforcement page staff posts a number of links to current enforcement activities and reports and on a quarterly interval at [Enforcement Action Summary Report](#) for the enforcement activities issued by the core regulatory programs, NPDES, Subchapter 15, Non Chapter 15, Storm Water, and 401 Water Quality Certification.

These activities meet the objective to improve the transparency and accountability of the Water Boards activities by demonstrating the results achieved with respect to the goals and resources available, as outlined in one of the goals of the State Water Board's Strategic Plan.

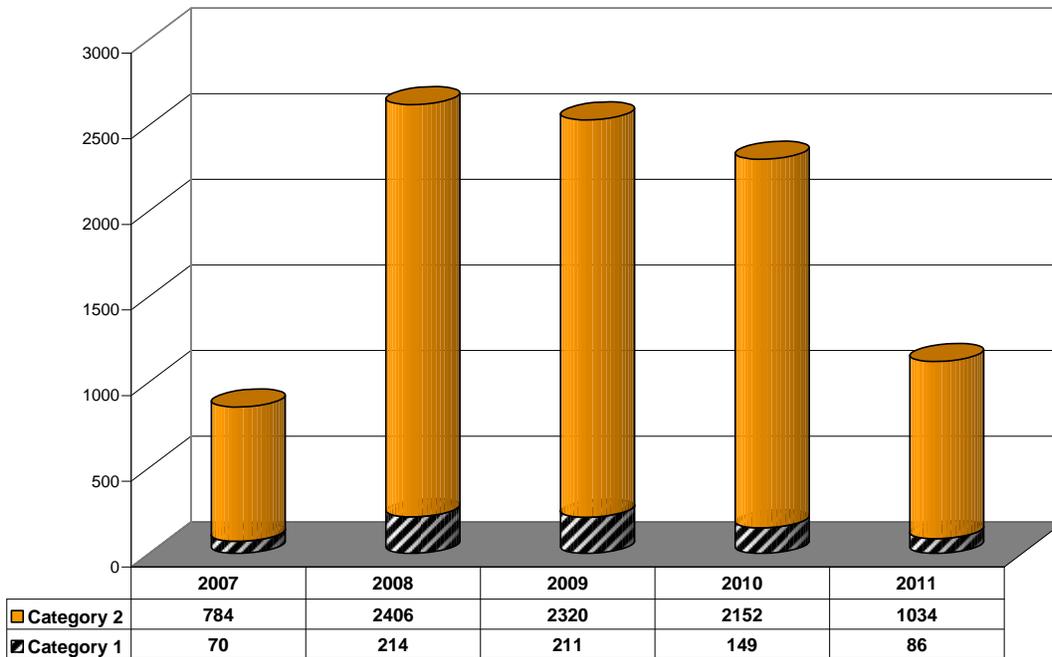
**SANITARY SEWER OVERFLOWS (SSOs)
April – June 2011**

SANITARY SEWER OVERFLOWS (SSOs) April – June 2011

As we explained in the previous EO Report edition we continue to provide a comprehensive picture of the status of sanitary sewer spills in our region. Calendar year summaries of SSOs for 2007 to 2011 are depicted in the following graph. A more detailed report of the sewage spills occurring during April to June 2011 reported and certified by 1 July 2011 is included in Attachment A to the EO Report.

Sewage Collection Agencies report SSOs on-line at the State Water Board's CIWQS database pursuant to the requirements of State Water Board Order No. 2006-0003-DWQ (*General Statewide Waste Discharge Requirements for Sewage Collection Agencies*). There are 390 collection systems actively enrolled under SSS WDR in Central Valley. Reports on sewage spills are available on a real-time basis to the public from the State Water Board's webpage at: http://www.waterboards.ca.gov/water_issues/programs/ssso/index.shtml

**SSOs by Category and Calendar Year
2007 to 1 July 2011**



Category 1 - All discharges of sewage that a) equal or exceed 1000 gallons, or b) result in a discharge to a drainage channel and/or surface water; or c) discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

Category 2 – All other discharges of sewage.

*Reporting in the SSO database started in the second part of 2007.

During this quarter there were no spills greater than 50,000 gallons. A list of significant spills during the first quarter is provided in the previous April 2011 EO Report.

TMDL BASIN PLANNING

1. **Delta Methylmercury TMDL**

In April 2010 the Central Valley Water Board adopted Basin Plan amendments for the Delta methylmercury TMDL and control program. During May and June of this year staff circulated the Basin Plan amendments and related reports for additional public review and comment for the State Water Board approval process. Staff responded to the comments and presented the Basin Plan amendments to the State Water Board at their 21 June 2011 meeting, wherein the State Water Board approved the amendments. The next steps before the Basin Plan amendments become effective are Office of Administrative Law and US Environmental Protection Agency approvals. This is anticipated to take three or four months.

On 23 June 2011, Janis Cooke and Philip Giovannini met with representatives of the U.S. Army Corps of Engineers and the Port of Sacramento to develop a plan for testing and evaluation of management of methylmercury in effluent from dredge disposal ponds. Fall 2011 will mark the second year that the Corps and Ports of Sacramento and Stockton have tested length of holding and vegetation removal as potential management practices that could be employed during dredging to maintain ship channels.

2. **Groundwater in the Vicinity of the Hodson/Littlejohns Faults, Calaveras County**

On 23 June, Board staff held a public consultation/scoping meeting in Stockton to discuss appropriate groundwater beneficial use protection in a portion of the lower Salt Spring Valley, western Calaveras County. Staff presented an overview of the relevant regulatory framework for a proposed Basin Plan Amendment; the geography, geology, and groundwater hydrology in the project area; and the proposed project and project alternatives. Calaveras County Water District Water Resources Manager attended the meeting and provided information about water use in the project area. (GMD)

3. **Variance Policy and Interim Salinity Program**

On 24 June and 5 July, Board staff held a public consultation/scoping meeting in Rancho Cordova and Fresno to discuss whether the Central Valley Water Board should give itself the authority to offer water quality variances as described by the federal regulations and then to adopt a salinity variance program for NPDES dischargers and a companion program for WDR dischargers. (BY)

4. **Central Valley Pesticide TMDL Unit and Basin Plan Amendment**

In March, Pesticide TMDL unit staff released for public review and comment draft UC Davis reports containing aquatic life water quality criteria for the pyrethroid insecticides cypermethrin and permethrin. The water quality criteria are concentrations of a pesticide in water which are protective of aquatic life, based on a review of current scientific information. During the comment period, which ended in May, comments were received from the regulated community and the pesticide manufacturers. Once the criteria are finalized, including responses to comments received, they will be considered among other available information in the TMDL/Basin Plan Amendment process.

For more information about the derivation of pesticide water quality criteria, and the Central Valley Pesticide TMDL and Basin Plan Amendment project please see:

http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/index.shtml (DM)

5. **Dissolved Oxygen TMDL Implementation**

The Department of Fish and Game is managing a contract through the Ecosystem Restoration Program with UOP to complete the downstream studies. UOP researchers continue to update WARMF and modify linkages with Link-Node. The grant that funded the construction and initial operation of the aerator ended, and no parties volunteered to take over operation and maintenance. After the Board information item in February, staff continued to work with stakeholders to determine fate of the aerator at the Port of Stockton. A stakeholder group has formed that is proposing to operate the aerator on a trial basis to maintain DO levels above the objective. Staff continues to investigate Basin Plan amendment options. (CMJ)

SALINITY AND CV SALTS

1. **Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS)**

During June and July, CV-SALTS continued policy discussions to prioritize key issues identified by stakeholders in order to update the initiative work plan in light of current budgetary constraints and a 2014 deadline. Discussions have been focused on appropriate beneficial use designation in both surface and ground water (primarily for municipal/domestic supply and agricultural irrigation/stock watering) with future meetings scheduled to review appropriate salt and nitrate water quality objectives related to beneficial uses, consideration of the anti-degradation policy, and options available to amend current basin plan language. To aid with the water quality objective evaluation, a request for proposal to evaluate criteria for aquatic life and stock watering was released in May. Award is anticipated in early August with a final report anticipated in January 2012. In addition, the Knowledge Gained Subcommittee has completed a preliminary framework for standardizing future salt source studies and an evaluation of two major studies conducted in the Sacramento, San Joaquin and Tulare Basins. The Best Management Practices Committee continues to develop its guidance document and screening tool for evaluating effective management practices. Four qualification statements are under review for both a Technical Management Team to insure technical information needed to support the initiative are developed on time and on budget as well as consultants to actually complete the technical work. Anticipated contract award for the Technical Project Management Team is early August.

The Lower San Joaquin River Committee is continuing its work on developing salinity objectives upstream of Vernalis and is following the most recent State Water Resources Control Board process for developing southern Delta salinity and San Joaquin River flow objectives and the program of implementation for those objectives. Both efforts must remain closely integrated for effective management of the San Joaquin River Basin.

2. **CV-SALTS Meeting Participation**

On 24 May, Pamela Creedon, Jeanne Chilcott, and Pam Buford participated in the CV-SALTS Executive Committee to finalize the Request for Qualifications for a Technical Project Management Team and other administrative actions.

On 25 May, Jeanne Chilcott and Jim Martin participated in a CV-SALTS Knowledge Gained Subcommittee meeting to reinstate committee activity following the Executive Committee's decision to suspend the subcommittee's activities for approximately 6 months. During the meeting, a new subcommittee chair was selected, and a decision was made to finalize a checklist for evaluating salt and nitrate sources studies and to conduct an evaluation of two studies recently completed.

On 25 May, Jeanne Chilcott and Jim Martin participated in a CV-SALTS Management Practice Subcommittee meeting to discuss the development of a toolbox of management practices for various industries and the development of a guidance document and checklist for evaluating various practices.

On 16 June, Pamela Creedon, Pam Buford, and Jim Martin participated in the CV-SALTS Executive Committee meeting discussions reviewing beneficial use designations for municipal/domestic supply and agricultural irrigation/stock watering and potential mechanisms for refining existing use designations.

On 23 June, Pam Buford participated in the CV-SALTS Executive Committee to finalize a comment letter to the Delta Stewardship Council and other administrative actions.

On 23 June, Jim Martin participated in a CV-SALTS Knowledge Gained Subcommittee meeting to discuss completion of an ongoing evaluation of two recently completed salt and nitrate source studies and a guidance document for standardizing future salt and nitrate studies. Plans were made to present both at the next Executive Committee meeting

On 27 June, Jim Martin participated in a CV-SALTS Best Management Practices Subcommittee meeting to discuss completion of a guidance document and screening tool for evaluating effective management practices. Plans were also made for the committee to evaluate a few management practices using the process and tools they had developed in order to identify aspects of the process that need improvement, and to help finalize the guidance document and screening tool. .

On 5 July, Jim Martin participated in a conference call of a small working group of the Knowledge Gained Committee to finalize the evaluation of the two salt and nitrate source studies and to discuss completion of a guidance document for standardizing future salt and nitrate studies in preparation for presentation at the next Executive Committee meeting.

DAIRIES

1. **Representative Groundwater Monitoring at Dairies**

In February of 2011, the Executive Officer issued a revised monitoring and reporting program (MRP) that identified a process to establish representative groundwater monitoring at dairies covered by Order No. R5-2007-0035, Waste Discharge Requirements General Order for Existing Milk Cow Dairies. In May of 2011, the Central Valley Dairy Representative Monitoring Program (CVDRMP) submitted a work plan to establish a representative groundwater monitoring program in accordance with the revised MRP. After minor revisions, the work plan was posted to the Central Valley Water Board website for a 30-day public review and comment period scheduled to close on 25 July 2011. The announcement and link to the work plan are available at http://www.waterboards.ca.gov/centralvalley/water_issues/dairies/general_order_guidance/index.shtml#reproonitoring. A public meeting in the Rancho Cordova office is also scheduled for 21 July 2011 to allow members of the public to listen to a presentation by the consultant for the CVDRMP and ask questions. In addition, Central Valley Water Board staff will accept verbal comments at the meeting. Following receipt of comments, the Executive Officer will decide whether to approve the work plan as submitted, approve the work plan provided the CVDRMP agrees to conditions (i.e., conditional approval), or require modification of the work plan.(CLR)

DELTA ACTIVITIES

1. **Delta Regional Monitoring Program (RMP)**

Internal program interviews and NPDES discharger interviews to determine expectations and challenges anticipated in developing the Delta RMP have been completed and a summary of findings is expected in mid-July. A planning meeting is being scheduled for early August to discuss findings with key parties. Additional stakeholder meetings will be scheduled that focus on similar perspectives. Initial grouping by interest type is for ease of efficiency, but a larger group discussion will occur as there is further development.

Hard copies of the first Pulse of the Delta have been printed and are being distributed to Delta elected officials and various Delta agencies and organizations. Initial planning for the second Pulse has begun and it is scheduled to be released in March 2012. A stakeholder meeting will be held in early August to discuss focus topics for the second Pulse. (MES)

2. **Toxicity**

Toxicity monitoring by UC Davis researchers has revealed toxicity to sensitive species in the Sacramento River watershed. Studies show mixtures of chemicals at low levels are responsible for exhibited toxicity.

UC Berkeley researchers have determined numerous samples from the American River and Cache Slough Complex to be toxic to *Hyalella azteca*. Pyrethroid pesticides from both urban and agricultural sources have been identified as the cause.

Two previously mentioned UC contracts (sediment TIE tool development and American River pyrethroid toxicity) are complete and a journal publication on the American River work is in prep. All other previously mentioned UC contracts (blue-green algae in the Delta and Clear Lake, pesticide toxicity, and Cache Slough pyrethroid toxicity) are in place and work has begun. (SF)

3. **Ammonia/Nutrients**

In addition to continual tracking of numerous ammonia and nutrient related studies, staff continues to coordinate with US EPA, State Board, and Region 2 staff. Staff has participated in various meetings (e.g., Nutrient Numeric Endpoints, SF RMP Nutrient Strategy) focusing on nutrients and development of strategies to address nutrients in Regions 2 and 5.

4. **Delta Stewardship Council**

The fourth draft of the Delta Plan was released for public comment. Regional Water Board staff provided comments to State Board staff for compilation and submission. The fifth of seven drafts is expected in early July. Staff continues to monitor progress and comment as necessary. (SF)

NPDES

1. **Quincy Community Services District, Quincy Wastewater Treatment Plant, Quincy, Plumas County**

Quincy Community Services District (Discharger) has received a letter of commitment from USDA to obtain a low interest loan and grant for rehabilitation of its wastewater collection system; the Discharger will obtain the final plans and specifications in the coming months and construction will commence next year on the project. (JMM)

2. **Tank Explosion, Clear Creek Wastewater Treatment Plant, City of Redding, Shasta County**

On 15 June 2011 a pressurized water tank at the City of Redding-Clear Creek Wastewater Treatment Plant exploded, resulting in the fatality of a plant operator. The incident is currently being investigated by both the City of Redding and Cal-OSHA. The tank was a 6,500-gallon, 15-ft by 8-ft diameter, horizontal welded-steel tank manufactured in 1978. The tank supplied pressurized water for the chlorine and sulfur dioxide injection systems, and miscellaneous, non-potable water needs around the facility. The tank ruptured during re-pressurization following repair of an ancillary pump component. Following the tank explosion, the City diverted wastewater flows into the emergency storage ponds until a piping bypass around the tank could be installed. The repair took approximately 2 hours and no water quality violations occurred as a result of the tank explosion. Maintenance of this tank is not directly regulated under the NPDES Permit.

GRANTS

1. **Department of Fish and Game, Ecosystem Restoration Program**

The Department of Fish and Game (DFG) solicited proposals for habitat conservation, restoration and research to increase scientific understanding of ecological processes and species responses to habitat restoration in the Sacramento-San Joaquin Delta and Suisun Marsh. DFG anticipated that there would be \$20 million available under Propositions 84 and 13. The Proposition 13 funds can only be used to construct facilities that address specific water quality problems. DFG received 28 eligible proposals requesting almost \$30 million. Central Valley Water Board staff assisted with technical reviews and participated in the selection panel. DFG has released funding recommendations for public comment. Grant awards are expected at the end of July. (BY)

SITE CLEANUPS

- 1. In-Situ Groundwater Treatment of 1,2-DCP, OxyChem, 1904 Charter Way, Stockton**
In April 2011, Occidental Chemical Company (OxyChem) injected Hydrogen Releasing Compound® and a vegetable oil mix into shallow groundwater at 63 injection points and 3 injection wells. Soil in the source area was treated in 2002, and phytoremediation is exerting hydraulic control over the groundwater plume. The in-situ treatment objective is to accelerate removal of 1,2-dichloropropane in groundwater. This project is operating under the General Waste Discharge Requirements for Groundwater Cleanups. (AST)
- 2. InSitu Groundwater Pilot Study Treating Dry Cleaning Solvents with Hydrogen Releasing Compound, UniFirst, Stockton.**
UniFirst purchased a property in Stockton that was polluted with dry cleaning solvents. UniFirst is conducting a pilot study using Hydrogen Releasing Compound® (HRC) and HRC Primer to accelerate biodegradation of perchloroethene and trichloroethene in groundwater. In June, UniFirst added HRC and HRC Primer to groundwater as part of a small scale pilot study. This pilot study will be evaluated in two years. (AST)
- 3. Final Record of Decision, Skeet Range SR401, Former McClellan AFB, Sacramento County**
In June 2011, the Record of Decision (ROD) for the former SR401 Skeet Range was finalized by the Air Force, U.S. Environmental Protection Agency, and State of California. The former skeet range poses a threat to human health and the environment due to lead from shot pellets and polycyclic aromatic hydrocarbons (PAHs) from clay pigeons accumulating in the soil and sediment at the site. The ROD selected a remedial alternative to cleanup the site for industrial use. Soils with lead and PAH concentrations above industrial use cleanup goals will be removed through excavation followed by stabilization of lead, and transport off-site for disposal. Several vernal pools present in the planned remediation area will be removed and mitigation credits will be negotiated with the U.S. Fish and Wildlife Service and U.S. Army Corps of Engineers. Fieldwork to implement this project is anticipated to begin in September 2011. [MWC]
- 4. Beale Air Force Base Sewer Spill.** Beale Air Force Base in Yuba County reported a sewer line break in the Beale housing area on 3 May 2011. The sewer line break occurred during a storm event at a section of the sewer line which crosses Dry Creek. Air Force staff estimate that the sewer line break resulted in the discharge of more than 50,000 gallons of raw sewage into Dry Creek. Dry creek flows through the southeastern portion of Beale Air Force Base and eventually flows into the Feather River. Air Force staff completed necessary repairs to the sewer line break the evening of 3 May 2011 preventing further releases to Dry Creek. Air Force staff provided appropriate notification of the spill with assistance from Yuba County Health authorities to all potential downstream users. Site inspections performed by staff did not reveal any visible problems in Dry Creek (no discoloration, odor or fish kills observed). Staff is preparing an enforcement order and time schedule which will require the Air Force to provide permanent repairs and upgrades to the sewer system at Beale Air Force Base (RRR).
- 5. Remedial Action Plan, Site 17 Administration Area Plume, NASA Crows Landing Flight Facility, Stanislaus County** The Navy is responsible for cleanup at this site, which is a former Naval Auxiliary Landing Field with history dating back to World War II. The facility originally consisted of 1,528 acres, of which, 1,352 acres has been cleaned up and transferred to Stanislaus County. The County intends to redevelop the facility into an industrial park and general aviation airport. The remaining 176 acres yet to be cleaned up is the Site 17 Administration Area Plume. A Remedial Action Plan (Plan) for cleanup of Site 17 has been developed and is currently undergoing public review. The Plan, which is expected to be implemented in late 2011, will consist of enhanced bioremediation with recirculation, monitored natural attenuation, and institutional controls. The cleanup is expected to take 8 years at a cost of approximately \$5.5 million. (GJI)

6. In-situ Treatment of Petroleum Degraded Soil, Teasdale Quality Foods, Atwater, Merced County

Teasdale Quality Foods (Teasdale) has submitted a request for coverage under General Order No. R5-2008-0149, *In-Situ Groundwater Remediation at Sites with Volatile Organic Compounds, Nitrogen Compounds, Perchlorate, Pesticides, Semi-Volatile Compounds, Hexavalent Chromium and/or Petroleum Compounds*. Previous investigations at Teasdale's facility have identified substantial petroleum hydrocarbon contamination in underlying soil which originated from former aboveground and underground diesel storage tanks that have since been removed. Teasdale has proposed to treat the contaminated vadose zone soils with RegenOx™, a proprietary chemical oxidant. Analytical results of a pilot study performed at the subject facility earlier this year indicated that the proposed in-situ treatment would be effective in treating the impacted soil in the vadose zone. Staff has prepared a draft Notice of Applicability (NOA) and a draft Monitoring and Reporting Program (MRP). Prior to finalization of the NOA and the MRP, a 30-day public review period is required which will end on 28 July 2011. (AM)

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

Long-term ILRP/Groundwater Monitoring Advisory Workgroup

The existing Groundwater Monitoring Advisory Workgroup (GMAW) held a public meeting in the Rancho Cordova office of the Central Valley Water Board on 30 June 2011. The GMAW consists of groundwater experts representing State agencies, the United States Environmental Protection Agency, the United States Geological Survey, academia, and private consultants. The purpose of the meeting was to gather input from the group of groundwater experts relative to the development of a list of recommended critical questions that should be answered by groundwater monitoring for the Long-Term Irrigated Lands Regulatory Program (ILRP). These questions are meant to assist Central Valley Water Board staff in identifying how groundwater monitoring will be integrated into the ILRP. Groundwater requirements developed for the ILRP will be incorporated into monitoring and reporting programs prepared for coalition waste discharge requirements general orders.

Recommended questions that should be answered by groundwater monitoring will be discussed with Stakeholders during a public meeting of the Irrigated Lands Stakeholder Advisory Work Group (SAWG) to be held in late July. A second meeting of the GMAW is tentatively scheduled for 18 August 2011 to discuss how the questions should be answered. This information will be discussed with Stakeholders during a subsequent meeting of the SAWG. Information from these meetings will be considered as staff develops coalition group waste discharge requirements general orders for consideration by the Central Valley Water Board. (AC/CR)

Compliance & Outreach - Exemption Claim Inspections

In May and June 2011, Central Valley Water Board staff completed 14 inspections to verify landowner exemption claims to the ILRP. Landowners can respond to ILRP staff's postcards or 13267 Orders by claiming their land is not used for agriculture, not irrigated, or that it has no irrigation tail water or storm water runoff (no waste discharges to surface waters). These claims create a need for verification inspections, which staff regularly conducts. Staff verified that lands associated with 12 inspections were exempt from regulatory coverage under the current ILRP. The outcome of one inspection is pending further investigation; the outcome of the remaining inspection will likely be an enforcement action to require an irrigated lands discharger to get appropriate regulatory coverage. (BLS)

Compliance & Outreach – Postcards

Beginning May 2011, postcards were put on hold to allow staff to meet with legal counsel and management to develop new outreach methods that would be consistent with direction of the Long-Term Program. Current outreach efforts address discharge to surface water only, which is consistent with the existing conditional waiver. Future outreach will need to reflect the Board's direction to address discharge to both surface and ground waters. (BLS)

Enforcement

California Water Code section 13260 & 13267 Orders, & Notices of Violation

In May 2011 the ILRP mailed 9 NOVs for failure to respond to a CWC §13260 Order. These NOVs were issued to landowners in Colusa, El Dorado, Nevada, and Placer counties who have submitted applications to join a coalition, but have not yet done so.

Beginning in May, 13267 Orders were put on hold to allow staff to meet with legal counsel and management to develop new outreach methods in compliance with the Long-Term Program. (BLS)

Coalition Groups

California Rice Commission (CRC)

On 9 June, staff met with the CRC and Sacramento Valley Water Quality Coalition to discuss coordination and the process for development of groundwater quality requirements for the ILRP general orders. Periodic meetings are to be scheduled to continue discussion of the CRC general order.

Due to the late start for planting, monitoring for the Rice Pesticides Program will continue to 12 July 2011. A meeting with stakeholders will be scheduled for October 2011. (MW)

East San Joaquin Water Quality Coalition

On 1 June, the Coalition submitted its Quarterly Monitoring Data Report for the period January through March, as required by Order No. R5-2006-0053. After review, these data will be posted on the Irrigated Lands Regulatory Program web site.

On 1 July, the Coalition submitted an update to its Management Plan Performance Goal Schedule for the 3rd Priority Subwatersheds. The Coalition informed staff that contacting growers in these subwatersheds will be completed by 15 August. (CJ)

Sacramento Valley Water Quality Coalition (SVWQC)

On 17 May, Susan Fregien and Mark Cady participated in the SVWQC quarterly Management Plan Meeting.

On 24 May, Staff mailed a letter to the SVWQC in response to the Coalition's Annual Monitoring Report (AMR), submitted to the Water Board on 1 March and subsequently amended by the Coalition on 29 April. This latest letter requests revisions to the AMR to be re-submitted on 15 June. This revision was received on time and is pending review by Staff.

On 25 May, Staff mailed a letter to the SVWQC approving a request to eliminate the DO and pH Management Plan requirements in the Upper Feather River Watershed. This request was reviewed and researched by Ben Letton who wrote a memo to clarify the issues surrounding this Management Plan.

Also on 25 May, Staff mailed a letter to the SVWQC approving their submitted Schedule of Deliverables. This schedule was requested in a letter from the Executive Officer on 3 December 2010 and initially submitted to the Water Board on 24 January and most recently amended on 28 April. (MC)

San Joaquin County and Delta Water Quality Coalition

On 1 June, the Coalition submitted its Quarterly Monitoring Data Report for the period January through March, as required by Order No. R5-2006-0053. After review, these data will be posted on the Irrigated Lands Regulatory Program web site.

On 8 June, staff completed review of the annual Management Plan Update Report for the 2010 reporting period. Staff proposed that the 2011 Management Plan Update Report should tabulate exceedances by percentage, compare exceedance percentages by High Priority areas and Zones, and annualize charts to show trends. (CJ)

Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)

On 1 June, the Southern San Joaquin Valley Water Quality Coalition submitted its Quarterly Monitoring Data Report for the period January through March. Staff is currently reviewing the report. (BV)

Westlands Coalition

On 31 May, the Westlands Coalition submitted its Quarterly Monitoring Data Report for the period January through March. Staff is currently reviewing the report. (BV)

Westside Coalition

On 1 June, Susan Fregien and Chris Jimmerson attended the Westside Coalition grower meeting. The Coalition presented new requirements under the Long Term Program, presented 2010 water and sediment monitoring results, and grant information to its growers.

On 15 June, staff received the Westside Water Quality Coalition semi-annual monitoring report for the September 2010 – February 2011 reporting period as required by Order No. R5-2006-0053. The report is under staff review.

On 28 June, the Westside Coalition submitted a revised performance goal report in response to staff comments. The Coalition identified milestones it will complete to measure its success with implementing its Focused Management Plan II. The performance goals are under staff review.

Water Districts with Regulatory Coverage under the Individual Conditional Waiver Order

Merced Irrigation District

On 25 May, the Executive Officer approved the 2 May Merced Irrigation District request to join a coalition group. The District submitted a Notice of Termination to end their individual coverage, and provided an application to join the East San Joaquin Water Quality Coalition. On 1 July, the East San Joaquin Coalition confirmed membership. (MW)

Modesto Irrigation District

On 25 May, the Executive Officer approved the 2 May Modesto Irrigation District request to join a coalition group. The District submitted a Notice of Termination to end their individual coverage, and provided an application to join the East San Joaquin Water Quality Coalition. On 1 July, the East San Joaquin Coalition confirmed membership. (MW)

Oakdale Irrigation District

On 25 May, the Executive Officer approved the 2 May Oakdale Irrigation District request to join a coalition group. The District submitted a Notice of Termination to end their individual coverage, and provided an application to join the East San Joaquin Water Quality Coalition. Termination of the Individual conditional waiver will occur upon confirmation of their membership with the Coalition. (CJ)

South San Joaquin Irrigation District

On 25 May, the Executive Officer approved the South San Joaquin Irrigation District request to join a coalition group. The District submitted a Notice of Termination to end their individual coverage, and provided an application to join the San Joaquin County and Delta Water Quality Coalition. Staff confirmed that the District is a member of the San Joaquin County and Delta Water Quality Coalition on 1 July. (CJ)

Turlock Irrigation District (TID)

On 25 May, the Executive Officer approved the 2 May Turlock Irrigation District request to join a coalition group. The District submitted a Notice of Termination to end their individual coverage, and provided an application to join the East San Joaquin Water Quality Coalition. On 1 July, the East San Joaquin Coalition confirmed membership. (MW)

Data Management

Data reports received through June 1st 2011 that arrived in an electronic SWAMP comparable format are currently being prepared for loading into a California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC). These reports and future data sets will be sent to the CV RDC to be uploaded into CEDEN for state-wide assessment efforts. At this time, 32 reports have been successfully processed and loaded into the CEDEN comparable database.

The most recent electronic data submittals (June 2011) received from the Southern San Joaquin Water Quality Coalition, Sacramento Valley Water Quality Coalition, Westlands Storm Water Coalition and Westside San Joaquin Water Quality Coalition are currently being formatted, reviewed and loaded within the database. Concurrent to these efforts, data submission feedback packages have been developed to assist the Coalitions with formatting and reviewing data prior to submission to meet the electronic data submittal requirements of the program. The feedback packages contain guidance documents, electronic versions of quality assurance project plans, review checklists and code look up lists. The Southern San Joaquin Water Quality Coalition has received their data feedback package for the March 1st 2011 submittal. The feedback packages for Sacramento Valley Water Quality Coalition and Westlands Storm Water Coalition are in final review and are slated to be provided to the Coalitions in early July. The feedback package for Westside San Joaquin Water Quality Coalition is in development for their July 15th 2011 submittal. (MM)

MOU Pilot Program

The final report for the MOU Pilot Program with the Glenn County and Butte County Agricultural Commissioners has been posted on the ILRP website. (MW)

Prop 84 Grant Funding

On 1 July, the Coalition for Urban/Rural Environmental Stewardship (CURES) received the first round of applications for grant funding. The applications will be reviewed for completeness before being submitted to the Advisory Committee for review and ranking. (MW)

Fertilizer Research Education Program

ILRP staff submitted Fertilizer Research Education Program (FREP) project suggestions to the California Department of Food & Agriculture on 1 March 2011. Subsequently, the FREP program manager told Board staff that the four project concepts were accepted. Staff worked with the Center for Irrigation Technology at CSU, Fresno (CIT) and the Coalition for Urban/Rural Environmental Stewardship (CURES) to develop full proposals. Full proposals were submitted to CDFA for the following projects and are pending a decision from CDFA: 1) crop-specific nutrient management plan templates (CURES); 2) web-based information management tools for nutrient information (CIT); and 3) compilation and assessment of BMPs for salt and nitrate management (CURES). (JK)

ILRP Staff Initials Key:

AC	Alan Cregan	DK	Dana Kulesza	MC	Mark Cady
AL	Adam Laputz	DS	David Sholes	MM	Melissa Morris
BL	Ben Letton	JEC	Jeanne Chilcott	MW	Margaret Wong
BLS	Brett Stevens	JK	Joe Karkoski	RJS	Rudy Schnagl
BV	Brent Vanderburgh	JRM	Jim Martin	SF	Susan Fregien
CJ	Chris Jimmerson	KWE	Kerry Elliot	TB	Terry Bechtel
CR	Clay Rodgers	LW	Lisa Wilson	WO	Wesley Ouimette

STAFF RECOGNITION

SUPERIOR ACCOMPLISHMENT AWARDS FY 10/11 Q3

Executive Officer, Pamela Creedon presented the Superior Accomplishment Awards to Howard Hold, Pam Buford and Dan Warner.

Candidate: Howard Hold
Unit: Title 27 Non-15
Title: Engineering Geologist
Supervisor: Anne Olson

For the last 11 years, Howard has worked as an Engineering Geologist for the Central Valley Water Board. During that time, he has become an expert on the water quality issues at landfills and has been assigned some of our most difficult facilities. In the summer of 2010, Howard began reviewing the compliance history at the Geer Road Landfill in Stanislaus County. This closed landfill, which is owned and operated by Stanislaus County, has created a plume of contaminated groundwater. He alerted management that Stanislaus groundwater appeared to be migrating under the Tuolumne River toward domestic drinking water wells.

Howard was assigned the task of preparing a Cease and Desist Order. This involved reviewing the last twenty years of Water Board Orders and letters synthesizing a tremendous amount of groundwater and landfill gas data and determining an appropriate course of action. After the draft Order was issued for public comment, Howard participated in technical and legal meetings with Stanislaus County and its outside counsel. He also prepared for a multi-day deposition, helped review and respond to voluminous comments and worked with a student intern to prepare cross-sections to highlight the issues at the landfill. Howard then worked with his supervisors to write and edit a Power Point presentation which was presented during the hearing at the water Board meeting.

Howard's technical background and expertise in working the landfills was a key component in the Water Boards' adoption of a Cease and Desist Order which requires Stanislaus County to take additional corrective actions to remediate the groundwater plume emanating from the Greer Road Landfill.

Candidate: Pam Buford
Unit: Grant Coordinator
Title: Staff Environmental Scientist
Supervisor: Lonnie Wass

Pam Buford is a Staff Environmental Scientist who works in the Fresno office of the Central Valley Region, but mostly works on projects for the entire region. She is a ten year employee who competently and consistently completes assignments. She wrote the Region's Groundwater Protection Strategy a roadmap for protecting groundwater in the future. She also serves as the Region's grant coordinator and works on the CV-SALTS initiative.

Pam's work is of excellent quality. She has often been challenged to take on projects that require a lot of coordination and cooperation with other staff and outside stakeholders and succeeds in getting the cooperation. She has hosted many workshops with stakeholders and her customer service skills are excellent. Her presentations are clear and concise. She understands the mission of the Board and presents that mission well to the public.

During the period reviewed for the proposed award, Pam wrote and presented the Region's Groundwater Protection Strategy, then began working with the various program managers to develop a work plan to affect the high priority work identified in the strategy. That work plan is being presented to the Board by Pam at its next meeting. Also in the period, she worked closely with the Department of Water Resources on the grants and development of Integrated Regional Water Management Plans. As grant coordinator for the Region, she

elicited the cooperation of staffing the three offices and assured that grants were reviewed and on time. She was called upon to assist the lead person who works on the CV-SALTS initiative and even filled in for that person when she was on leave by coordination and hosting meetings. She kept management apprized of developments in the various programs and assured management directives were incorporated into those programs. She arraigned and hosted workshops with stakeholders and displayed excellent customer service skills in those workshops. She displayed excellent organization skills and balanced a varied large workload to assure projects were completed. Pam's work has benefited the Board and will continue to do so for years to come.

Candidate: Dan Warner
Unit: North Regulatory NPDES, Non 15
Title: Water Resources Control Engineer
Supervisor: Bryan Smith

Dan is being nominated for the Superior Accomplishment Award in recognition of his consistently high performance and notable contributions to the Redding office of the Central Valley Water Board. Dan's core responsibilities include work in the Non-15 and NPDES programs. He also provides support to the office's enforcement coordinator in pursuing formal enforcement actions.

Recently, Dan took on even more responsibility and volunteered to work on several cases that required attention due to the regularly assigned staff being out of the office on maternity leave. His efforts provided timely attention to several important cases and helped keep other projects on track, in addition to accomplishing his regularly assigned duties. Dan demonstrated initiative and flexibility in addition to excellent time management skills.

In March, Dan took the lead on several water quality enforcement cases which required him to learn to use the State Water Board's Administrative Civil Liability Calculator and apply provisions of the Enforcement Policy. Dan researched the case, studied the Enforcement Policy and prepared staff reports and presented them to the Assistant Executive Officer.

These are just a couple of examples of Dan's consistent contributions to the Central Valley Water Board. His work ethic, conscientiousness and professionalism are greatly appreciated by management and his colleagues alike.

EMPLOYEE OF THE MONTH FOR MAY 2011

SACRAMENTO OFFICE

Candidate: Chris Jimmerson
Unit: Monitoring and Implementation
Title: Environmental Scientist
Supervisor: Susan Fregien

Chris has made many important contributions to the Irrigated Lands Regulatory Program since he joined the Program 5 years ago. He is currently the Program's liaison for the San Joaquin Delta Coalition and is assisting with oversight for two other large coalition groups. In addition, Chris took the initiative to develop data analysis tools using Excel spreadsheets that will automatically perform calculations and queries for the Program's extremely large monitoring data set. This involved creating complex formulas and using multiple worksheets to calculate and tabulate exceedances, medians, 90th percentile, min/max results, and other important summary information. The analysis tools are user friendly, including clear directions and notes that enable others to easily query the data for either very specific sites and/or constituents or for large groups of sites and data.

The data analysis tools created by Chris have saved the ILRP staff a great deal of time and, equally important, provided a way to quickly perform accurate and consistent analyses of the Program's large data set. The data analysis tools have also made it possible to quickly respond to data-related questions and requests from other Board Programs, stakeholders, and external requests for information. Chris's eye for detail, thoroughness, and persistence are greatly appreciated in all of his work in the ILRP.

Candidate: Vera Fischer
Unit: UST Enforcement 1
Title: Engineering Geologist
Supervisor: Cori Condon

Vera is being nominated for Employee of the month for her outstanding work with the regulated community and achievements in environmental cleanups at numerous underground storage tank sites. Vera's continuing efforts to build and maintain good working relationships with responsible parties, and State and local agencies have made an exceptional contribution to the Regional Water Quality Control Board's mission.

The Dhami Truck Stop site is a significant cleanup project that received media attention due to threats to private water supply wells. This underground tank facility is responsible for a petroleum plume that extends greater than 80 feet below ground where free product has persisted for more than 16 years. Despite challenges from the property owners that they were not responsible for the cleanup, and petitions to State Board for closure of the site, Vera worked with the responsible party's consultants to develop a site cleanup plan that will accomplish characterization of the entire plume and analyze water supply of the threatened neighbors.

Vera also works closely with Sacramento County Department of Environmental Management to achieve cleanup and determined that no further action was needed at over 50 sites during this current fiscal year. To reach agreement on the No Further Action Required status extensive technical review and collaboration with responsible parties and County staff is required to assure water quality objectives and public health is protected.

FRESNO OFFICE

Candidate: Hoss Aghazeynali
Unit: Non-15 Compliance & Enforcement
Title: WRC Engineer
Senior /Supervisor: Warren Gross

In the last quarter, Hoss has handled several complex inspections and complaint investigations, developing cases for enforcement actions which are in process. Hoss has done thorough investigative work, including communications with discharger representatives, complainants, whistleblowers, and attorneys. His detailed work has painted a clear picture of past events, including violations on which to base enforcement actions for which Hoss is coordinating with our attorneys. Hoss even managed to get one of the new OE attorneys to draft a letter for us!

Hoss's concern not only for the facts of the case and their relationships to the permit, but also for the individuals involved, has been recognized. Two letters of commendation have recently been received complementing Hoss for his professionalism, investigative skills, courtesy, and helpfulness. To quote from one: "Hoss proved a reliable, methodical investigator... concerned about the health and well-being of the citizen's of our community. Hoss remained a calm force working to extract the truth of the matter regardless of the obstacles... He kept us informed ... and returned calls promptly. It was a pleasure to work with Hoss."

Hoss maintains a thorough understanding of the permits and orders for the facilities he regulates. He focuses diligently on his work, using ear plugs when necessary to block out the busyness just outside his cubicle. He also serves as one of our CIWQS coordinators, helping to keep our all-important database consistently fed with useful and accurate information.

REDDING OFFICE

Candidate: Dani Berchtold
Unit: Stormwater and Water Quality Certifications
Title: Sanitary Engineering Associate
Senior /Supervisor: George Day

Dani is an important part of Redding's Stormwater and Water Quality Certification Unit. In May, she conducted an audit of the City of Redding's MS4 program and inspected several industrial facilities in and around Redding. In addition she is currently working with State Board on the draft MS4 permit and the draft Caltrans permit. She has provided technical advice on both permits. Dani also made several public presentations on the new construction permit and continues to proctor "Qualified SWPPP Developer (QSD)/Qualified SWPPP Practitioner (QSP) exams. Her efforts have been exceptional.

PUBLIC OUTREACH

On 30 March, Ben Letton attended a Forest and Watershed Management Symposium in Susanville, CA. Climate change and changing fire regimes was the focal point of the symposium but discussion also included future water availability and impacts to water quality from forest management related activities (i.e., timber harvest and rangeland grazing).

On 9 April, Ben Letton attended an irrigated pasture workshop in sponsored by the Shasta-Tehama Water Education Coalition and Western Shasta Resource Conservation Service. Workshop topics included pasture fertilization, water efficiency, and toxic weed management.

On 11 April, Guy Chetelat participated in the Cottonwood Creek Watershed Group meeting in Anderson regarding implementation of their sediment budget grant and discussion of channel erosion concerns.

On 13 April, Ben Letton attended a Northeastern California Water Association (NECWA) meeting to discuss the possibility of an Upper Watershed Order as part of the Long-term ILRP.

On 20 April, Ben Letton attended a Upper Feather River Watershed Group (UFRWG) meeting to discuss the possibility of an Upper Watershed Order as part of the Long-term ILRP.

On 23 April, Greg Cash/Heidi Bauer hosted an exhibit at the City of Redding, Whole Earth and Watershed Festival at the Civic Center. The topic of our booth was "Construction Best Management Practices for Homeowners". Samples of construction storm-water devices (sand bags, straw wattles, fabric, etc.) were on display, as well as information on how the homeowner can prevent storm water from migrating off of their property into surface water bodies. There were 2,000 to 3,000 people attending the all day event. This annual event highlights the Earth Day festivities in and around Shasta County.

On 9 May, Ben Letton attended the California Dairy Quality Assurance Program (CDQAP) workshop in Willows, CA. UC Cooperative Extension representatives discussed the changes to the Waste Management Plan (WMP) component of the General Order and the status of the groundwater monitoring requirements for individual dairies.

On 11 May, Ben Letton attended the Shasta-Tehama Water Education Coalition (STWEC) Annual Meeting in Red Bluff. Discussion at the meeting focused on membership numbers, future outreach/compliance activities, and the Long-term ILRP.

On 18 May, Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the bimonthly meeting of the Aerojet Community Advisory Group. The update highlighted the recently released Boundary Operable Unit Remedial Investigation/Feasibility Study and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site. (AMM)

On 1 June, Kim Schwab met with the Sacramento Area Municipal Separate Storm Sewer System (MS4) Phase I Partnership. The purpose of this technical meeting was to discuss issues regarding the Hydromodification Management Plan (HMP) required in the Permittees' MS4 Permit. The Permittees include the cities of Sacramento, Galt, Rancho Cordova, Citrus Heights, Elk Grove, Folsom, and the County of Sacramento. State Water Board staff, consultants, and stakeholders were also in attendance. Once the HMP is determined complete, it will be noticed for public comment and taken to the Regional Water Board for adoption by Resolution.

On 8 June, Kim Schwab, Jacque Kelley and Ali Dunn (student) performed an audit of El Dorado County's Phase II Municipal Separate Storm Sewer System (MS4). The audit focused on two minimum control measures required in the Phase II General Permit and individual Storm Water Management Plan (SWMP). Staff from different departments within the County was interviewed with regards to their Construction and Post-Construction Storm Water Management programs. The results of the audits will be submitted to the USEPA.

On 13 June, Pam Buford attended a meeting with representatives of Tulare County, Department of Water Resources, and UC Davis to exchange information on a nitrate study of the Tulare Lake Basin funded through the State Water Board by Proposition 84. The UC Davis project is in the final stages and will help

inform work to be completed by Tulare County (funded through Department of Water Resources by Proposition 84 SB2X) for the purpose of developing a plan that provides rural, disadvantaged communities with a safe, clean, and affordable potable water supply, and effective and affordable wastewater treatment and disposal. (PDB)

On 15 June, Kim Schwab, Richard Muhl and Ali Dunn (student) performed an audit of Calaveras County's Phase II Municipal Separate Storm Sewer System (MS4). The audit focused on two minimum control measures required in the Phase II General Permit and individual Storm Water Management Plan (SWMP). Staff from different departments within the County was interviewed with regards to their Construction and Post-Construction Storm Water Management programs. The results of the audits will be submitted to the USEPA.

On 15 June, Elizabeth Lee attended the Interagency Flood Management Collaborative Program Management Group meeting. During this meeting, the group discussed the status of the United States Army Corps of Engineer's Vegetation Variance, Golden Guardian 2011 Exercise, Small Erosion Repair Program, MA9 Erosion Repairs, and the Knight's Landing Outfall Gates project.

On 30 June Ken Landau and Diana Messina attended a meeting of the Woodland Davis Clean Water Agency. This Agency is working to bring a new, low salinity water supply to Woodland, Davis and UC Davis. The project would improve the quality and reliability of the community drinking water systems, and will significantly reduce the salt, boron and selenium concentrations in the wastewater treatment plant discharges. We spoke on the Regional Board requirements for salinity reduction at the wastewater treatment plants, and the consequences of not implementing some form of salinity reduction project.

On 5 July, Gen Sparks attended the Placer County Conservation Plan's County Aquatic Resources Program working group to review components of the proposed plan, and discuss the avoidance, minimization and mitigation measures that will be implemented specifically for the waters of State and waters of the United States, and compensatory mitigation for impacts to waters of the State and waters of the United States.

On 7 July, Kim Schwab attended the State Water Board sponsored Workshop for the Tentative Phase II Municipal Separate Storm Sewer System (MS4), NPDES Permit. This General Permit is the update to the current Phase II Permit adopted by the State Water Board in 2003. Only certain operators of Small MS4s that meet specific criteria and discharge to Waters of the State are subject to the Order. Small Traditional and Non-Traditional MS4s with population of 5,000 or less include Ports, State Parks/Beaches, prisons, Transit Agencies (Heavy Rail), fairgrounds, food control management agencies, colleges/universities, and military bases. This Order specifies the actions necessary to reduce the discharge of pollutants in storm water to the Maximum Extent Practicable (MEP), in a manner designed to achieve compliance with water quality standards and objectives, and effectively prohibit non-storm water discharges into municipal storm drain systems and watercourses within the Permittees' jurisdictions. All relative documents may be found at the State Water Board's webpage:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

On 7 July, Kim Schwab attended the State Water Board sponsored workshop on the Tentative Phase II General Municipal Separate Storm Sewer System (MS4), NPDES Permit recently noticed for public comment. Key issues included Non-traditional MS4s, Commercial/Industrial, New Development, Monitoring, Total Maximum Daily Loads (TMDLs) and linkages to other General Permits drafted by the State Water Board (Construction and Industrial).

On 13 July, Gen Sparks attended the Lower Feather River Corridor Management Plan Permitting Regulatory Subcommittee meeting. During this meeting, the group discussed the status of developing the Lower Feather River Corridor Management Plan, short term and long term goals, options for compensatory mitigation, and federal and state agency permitting requirements.

On 14 July, Kim Schwab attended a quarterly meeting sponsored by the California Storm Water Quality Association (CASQA) in Sacramento. The discussion focused on the Tentative Phase II General Municipal Separate Storm Sewer System (MS4), NPDES Permit recently noticed for public comment. Presenters included the State Water Board staff, Larry Walker and Associates, and Montgomery Associates. Key issues included Non-traditional MS4s, Commercial/Industrial, New Development, Monitoring, Total Maximum Daily Loads (TMDLs) and linkages to other General Permits drafted by the State Water Board (Construction and Industrial). Each Regional Water Board in attendance presented an update on their Storm Water Program.

**PERSONNEL AND ADMINISTRATION
June 2011**

Personnel:

Total Positions	Vacancies	Gained	Lost
237.5	20	1	0

Gains:

Marie McCrink, Senior Engineering Geologist

Promotions:

None

Leave of Absence:

Leticia Valadez, Staff Chemist

Return from LOA:

Dale Stultz, Environmental Scientist

Separations:

None

Retirement:

Wendy Cohen, Antonia Vorster

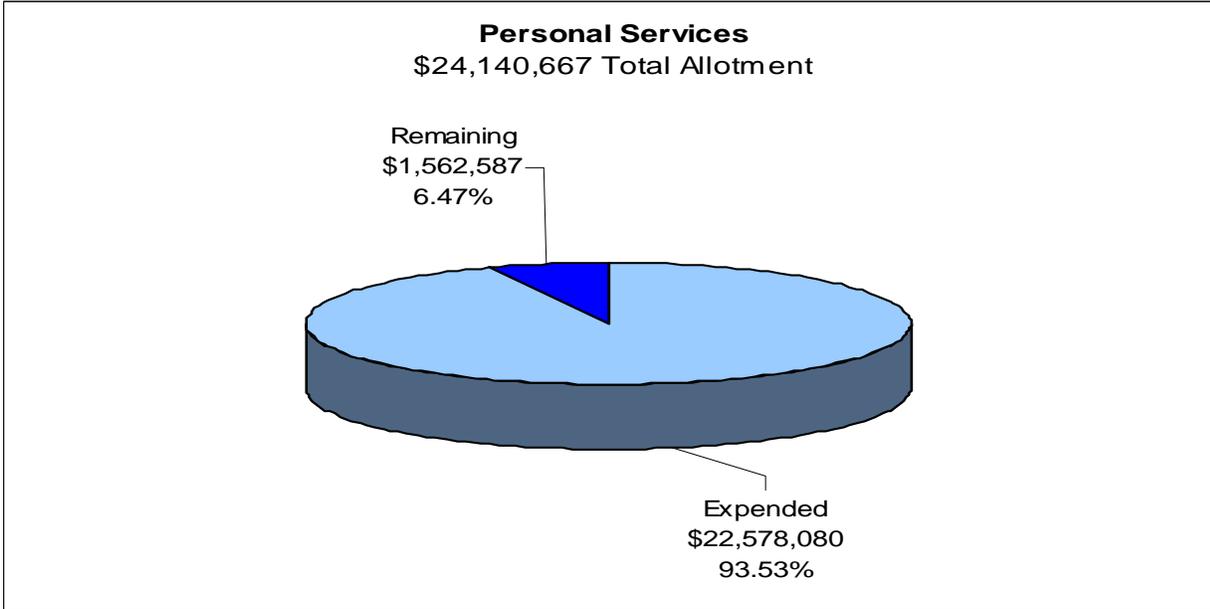
TRAINING (5/15/2011 to 6/30/2011)

Course Title	# of Attendees
Analytical Laboratory Tour	1
Basic Supervision for State Supervisors	1
Basic Supervision, Part 1	2
Bioassessment Field Sampling	2
CA Rapid Assessment Method	3
California Rapid Assessment Method Training	1
CIWQS Webinar	2
Communication Skills for Women	2
Contract Manager Training	1
Defensive Drivers Training	13
Effective Presentations	1
Field Sampling of Stream Algae	1
HazMat Technician/Specialist Refresher	3
Introduction to Critical Thinking	1
Introduction to Environmental Statistics	10
Managing Environmental Data with Microsoft Access	2
Managing Problem Employees	1
Meeting Management	2
Microsoft Access 2007 Intro	2
Motivating Environmental Action	1
Project Management Training	1
Water Quality Goals	1
Water Rights Overview	2
Wetlands Mitigation Riparian Area Protection	1

Based on May 2011 Expenditure Data
(91.6% should have been expended to date)

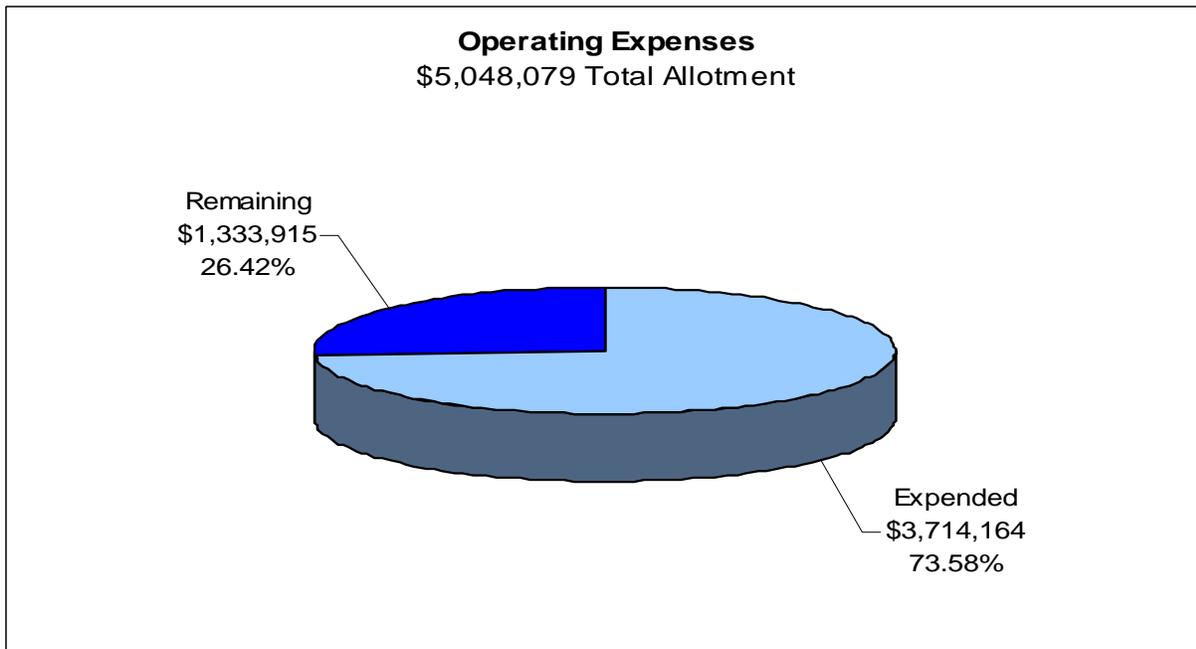
PERSONAL SERVICES

Our Personal Services budget is \$24,140,667. The furlough program was eliminated in November 2010, however, our budget was not augmented to cover the increased time staff would be working. It was determined that statewide there would be sufficient savings in the Water Board to cover this increase. In Region 5 we projected that this would result in our overspending our personal services budget by approximately 3%.



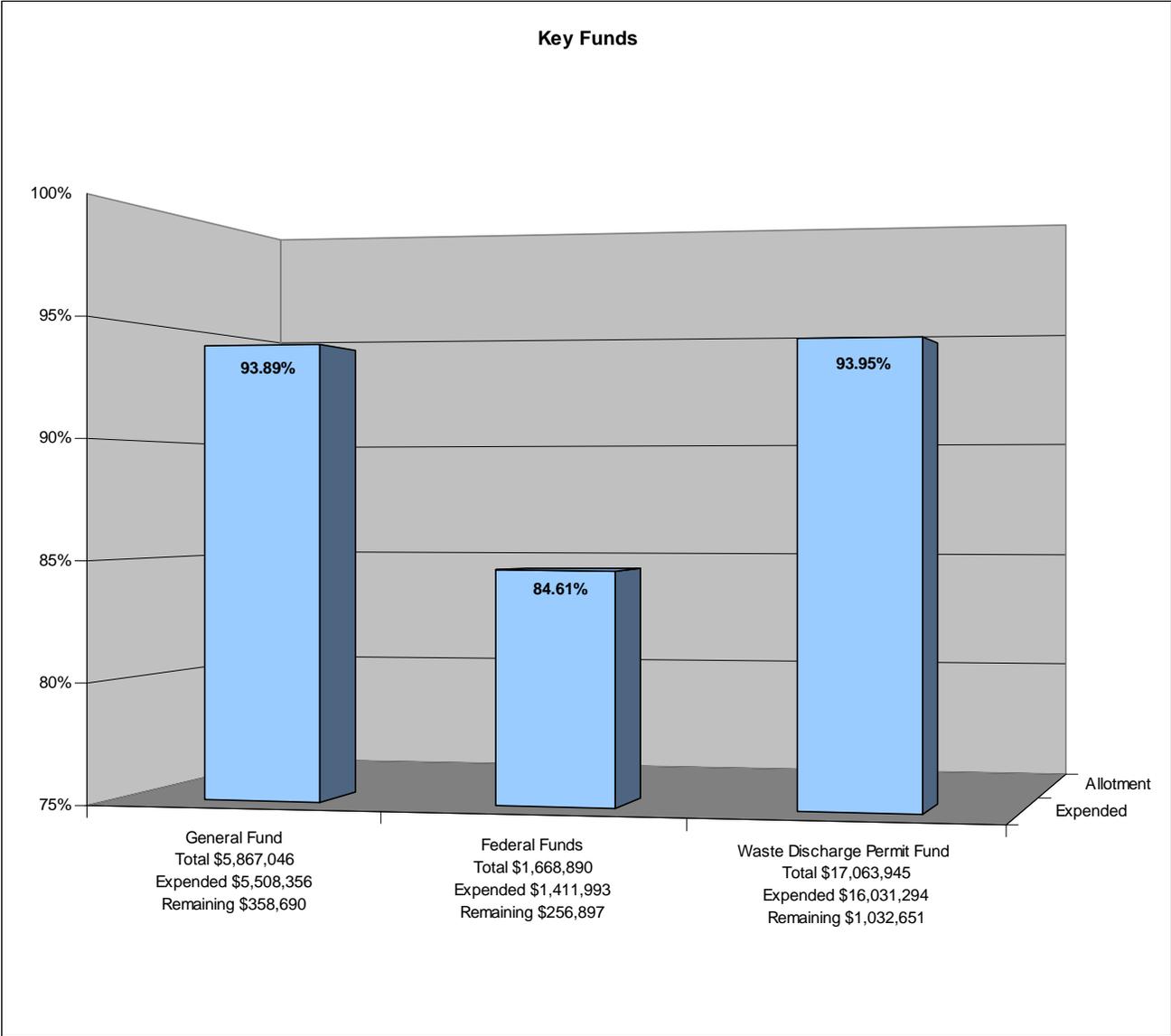
OPERATING EXPENSES

Our Operating Expense budget is \$5,048,079. The majority of the unspent funds represent CAA contract money that is not real. State Board needs to remove these funds. The portion of our operating budget that we manage, we project to expend 98%.



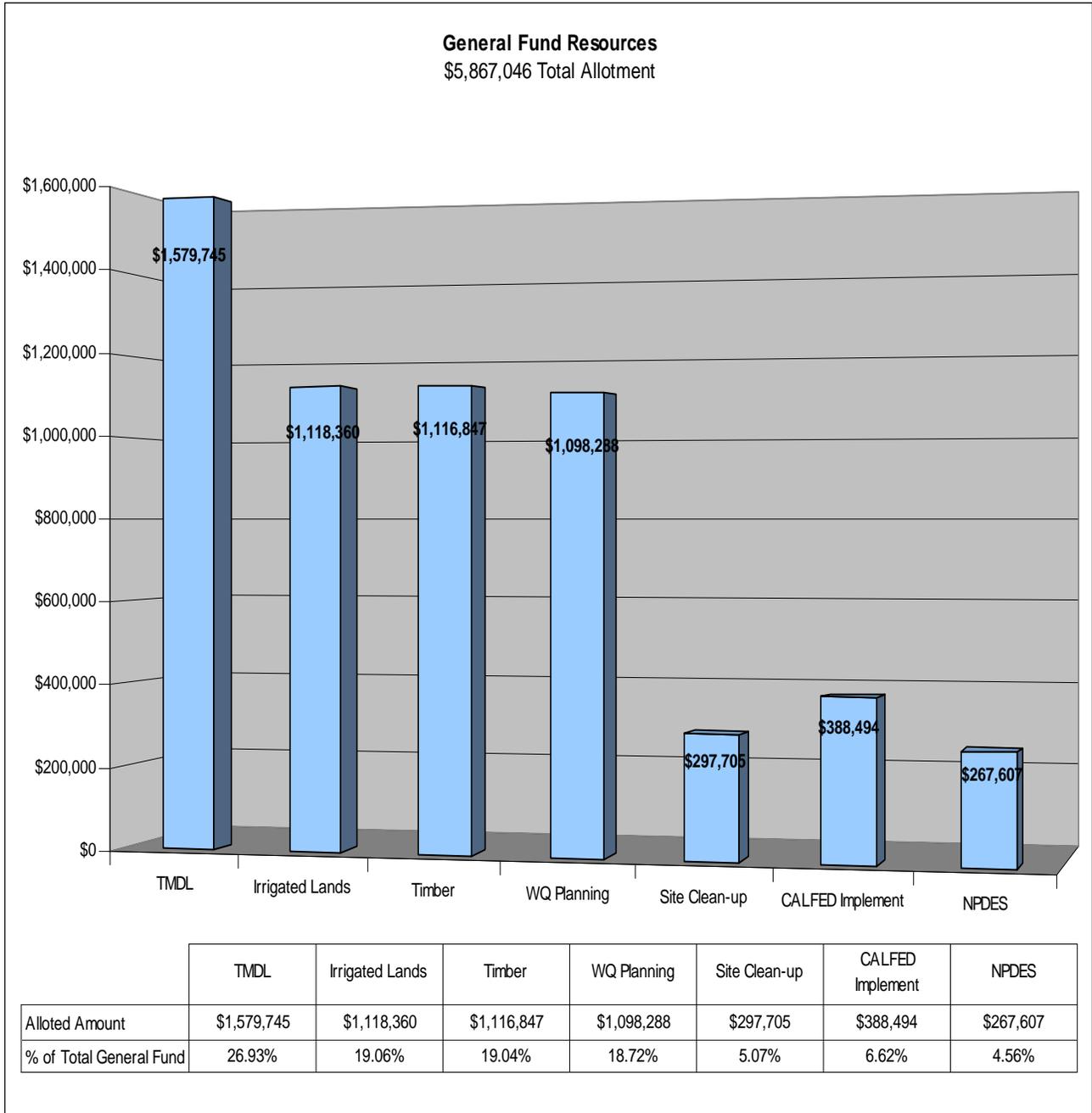
KEY FUND ISSUES

In an effort to balance out expenditures statewide State Board has requested that we overspend some of our fund sources while under spending in others. We are monitoring our expenditures by fund to make sure we stay within the limits they have requested.



GENERAL FUND RESOURCES

Below is a chart showing how much general fund money we have received for this year and what programs are funded from this resource. The Legislature and the Governor have directed the money to these specific programs. We have very little discretion in shifting these resources to another program.



FUTURE BOARD ACTIVITIES

The following are significant Board meeting actions anticipated for the next two Board meetings. This is not a complete listing of all Board meeting items. This listing is tentative and subject to change for many reasons. The listing is intended to give a longer-range view of planned Regional Board activities.

October 2011 Board Meeting

- Sconza Candy Factory (Permit Rescission)
- Sierra Pacific Industries, Anderson Facility (Permit Renewal – Pending Quorum)
- Atwater, City of (New)
- Alturas, City of (Permit Renewal)
- Indian Springs School District, Geothermal Project (Permit Renewal)
- Shasta Lake, City of (Permit Renewal)
- Grizzly Ranch CSA (Permit Renewal)
- City of Willows WWTP (Permit Renewal and TSO)
- NPDES General Order For Cold Water Concentrated Aquatic Animal Production Facility Discharges (Permit Revision)
- River Highlands CSD / Yuba County (Permit Renewal)
- City of Woodland WWTP (TSO)
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, Sacramento, and County of Sacramento (MS4 NPDES Permit - Approval of the Hydromodification Plan)

Basin Planning

- Triennial Review for Sacramento/San Joaquin River Basin Plan
- Drinking Water Policy (information item)

December 2011 Board Meeting

- Tsar Nicholai Caviar (Permit Renewal)
- Sacramento Regional WWTP (Permit Amendment)
- City of Lincoln (Rescission of NPDES Portion of Water Reclamation Requirements)
- Alturas, City of (Permit Renewal)
- Indian Springs School District, Geothermal Project (Permit Renewal)
- Shasta Lake, City of (Permit Renewal)
- City of Modesto (MS4 NPDES Permit - Development Standards Approval)

Permits/WDRs with pending actions, but not yet scheduled for a Board meeting

NPDES

- 16-to-1 Mine (Permit Renewal or Enforcement Action)
- Bakersfield Municipal Separate Storm Water Permit (Permit Renewal)
- Berry Petroleum, Poso Creek Facility (Permit Revision based on Remand)
- City of Fresno Municipal Separate Storm Water Permit (Permit Renewal)
- Jackson, City of (Time Schedule Amendment)
- City of Lodi White Slough WPCF (Permit Revisions based on Remand)
- City of Stockton RWCF (Permit Revision based on Remand)
- City of Tracy WWTP (Permit Revision based on Remand)
- Discovery Bay WWTP (Permit Revision based on Remand)
- El Dorado Irrigation District, El Dorado Hills WWTP (Permit Amendment)
- Empire Mine WWTP (Permit Renewal)
- Linda County WWTP (Permit Renewal)
- Lyondell Environmental Custodial Trust (formerly Millennium Holdings LLC), Bully Hill and Rising Star Mines
- Mather Field GW Treatment System Expansion (New)

- Mining Remedial Recovery Company, Mammoth Mine (Permit Renewal)
- PG&E Lower Bear River Reservoir (New)
- Sacramento Regional County Sanitation District (Permit Revision)
- Sierra Pacific Industries, Camino (Permit Renewal)
- SMD3, Placer County, (TSO)
- Soper Company, Spanish Mine (Permit Revision)
- Southern California Edison, Balsam Meadow (Permit Renewal)
- Southern California Edison, Big Creek Powerhouse No. 1 WWTF (Permit Renewal)
- Tuolumne UD TSO (Permit Revision based on Remand)
- UC Davis WWTP (Permit Revision based on Remand)
- UC Davis CABA (Permit Renewal)
- Vendo Ground Water Remediation System (Permit Renewal)
- Meridian Beartrack Company, RMK Mine (Permit Amendment)
- Calveras County Water District, La Contenta WWTP (New)
- Calveras County Water District, Copper Cove WWTP (Rescission)
- Cityof Modesto WQCF (Renewal)
- California Sprouts (Rescission)
- DFG Nimbus Fish Hatchery (Rescission, New GO Coverage)
- DFG Mokelumne River Fish Hatchery (Rescission, New GO Coverage)

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Expenditure Organization Summary

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Organization - Region 5

for the month ending May 10/11

Fund Source	\$ Allotment	\$ Expenditures	% Expended
NPS Pollution Contral Program-Prop 13 -- (00BOND-NPSC)	= 0	0	0.0
Prop 84 - 2006 Bond -- (06BOND)	= 0	0	0.0
Cleanup & Abatement Account-Management -- (CAA)	= 5,910,611	4,181,339	70.7
NPDES -- (F(106))	= 240,175	237,866	99.0
Non-Point Source -- (F(319H))	= 733,758	670,274	91.4
DoD Cost Recovery -- (F(DOD-CR))	= 122,744	107,357	87.5
Lawrence Livermore -- (F(LL300))	= 214,919	50,622	23.6
Leaking Underground Storage Tanks -- (F(LUST))	= 357,294	345,874	96.8
General -- (G)	= 5,867,046	5,508,356	93.9
Indirect Distributed Cost -- (IDC)	= 0	0	0.0
-- (IDC-D)	= 0	0	0.0
Integrated Waste Mngmt Acct (AB 1220) -- (IWMA)	= 1,138,387	1,073,680	94.3
Proposition 50 -- (PROP 50)	= 0	0	0.0
Aerojet Gen Corp Oversight of Cleanup -- (R(AEROJET))	= 167,185	176,990	105.9
Basin Plan Amendments - Drinking Water -- (R(BASIN-DW))	= 112,084	74,604	66.6
DTSC Brownfield Coordination -- (R(BROWNFIELDS))	= 13,485	12,823	95.1
CALFED Cooperative Program -- (R(CALFED))	= 901,831	67,357	7.5
(R) Dept of Water Resources -- (R(DEPT WR))	= 123,023	96,223	78.2
R (Dept of Defense Cleanup Oversight) -- (R(SLCDOD))	= 1,337,930	1,107,636	82.8
Surface Impoundment Assessment Account -- (SIAA)	= 0	0	0.0
State/Federal Revolving Fund-Federal -- (SRFFED)	= 11,535	11,066	95.9
Tobacco Tax -- (TBT)	= 136,507	127,794	93.6
Underground Storage Tank Cleanup Fund -- (UTSCF)	= 2,472,012	2,369,525	95.9
Waste Discharge Permit Fund -- (WDPF)	= 17,063,945	16,031,294	94.0
TOTAL	36,924,471	32,250,680	87.3 %

for the month ending May 10/11

ORGANIZATION -- Region 5

PERSONAL SERVICES	POSITIONS/PYS	----- \$ EXPENDITURES -----			
	BUDGETED	\$ BUDGETED	EXPENDED	BALANCE	% EXPENDED
Authorized Positions					
Permanent Positions	237.5	19,272,979	16,243,618	3,029,361	84 %
Temporary Help	0.0	20,000	0	20,000	0 %
Overtime		0	590	(590)	0 %
Board Stipend		12,000	4,700	7,300	39 %
Total Authorized Positions	237.5	19,304,979			
Salary Increases		0			
Workload & Admin. Charges	0.0	0			
Proposed New Positions	0.0	0			
Partial Year Positions	0.0	0			
Total Adjustments	0.0	0			
Total Salaries	237.5	19,304,979			
Salary Savings	(11.8)	(1,039,024)			
Net Total Salaries	225.7	18,265,955			
Staff Benefits		5,874,712	6,329,172	(454,460)	108 %
TOTAL PERSONAL SERVICES(PS)	225.7	24,140,667	22,578,080	1,562,587	94 %
LINE ITEM OPERATING EXPENSES & EQUIPMENT DETAIL					
General Expense		221,472	202,306	19,166	91 %
Printing		47,421	44,925	2,496	95 %
Communications		185,689	82,995	102,694	45 %
Postage		26,935	61,885	(34,950)	230 %
Travel In-State		88,618	96,083	(7,465)	108 %
Travel Out-Of-State		0	0	0	0 %
Training		73,613	25,642	47,971	35 %
Facilities Operations		0	300	(300)	0 %
Utilities		0	92,757	(92,757)	0 %
Contracts - Internal		905,272	80,860	824,412	9 %
Contracts - External		2,866,990	2,102,120	764,870	73 %
Consolidated Data Center		0	0	0	0 %
Central Adm.Serv. - Prorata		0	0	0	0 %
Central Adm.Serv. - SWCAP		0	0	0	0 %
Equipment		168,850	163,712	5,138	97 %
Other		463,219	760,579	(297,360)	164 %
TOTAL OPERATING EXPENSE & EQUIPMENT(OEE)		5,048,079	3,714,164	1,333,915	74 %
TOTAL PS & OEE		29,188,746	26,292,244	2,896,502	90 %
Indirect		7,735,708	5,958,437	1,777,271	77 %
GRAND TOTAL		36,924,454	32,250,681	4,673,773	87 %

ATTACHMENT A

Count of Spills		Region		Spill Type							
Years	Start Date	5F		5F Total	5R		5R Total	5S		5S Total	Grand Total
		Category 1	Category 2		Category 1	Category 2		Category 1	Category 2		
2011	Qtr2	13	16	29	1	6	7	10	291	301	337

Count of Spills

Years	Start Date	Spill Cause	Total
2011	Qtr2	Root intrusion	183
		Grease deposition (FOG)	51
		Debri-General	46
		Other (specify below)	24
		Pipe structural problem/failure	14
		Operator error	10
		Debri-Rags	6
		Pump station failure	3
Qtr2 Total		337	

- Category 1** All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system that:
- A. Equal or exceed 1000 gallons, or
 - B. Result in a discharge to a drainage channel and/or surface water; or
 - C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

Category 2 All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system not meeting the definition of Category 1.

SSO Spills April - June 2011

Region	Collection System	Spill ID	Certificati on Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Spill Reached Storm Drain System	Total Spill Volume (gal)	Spill volume that Reached Surface Waters (gal)	Start Date of Spill	Spill Cause
5F	City Of Merced CS	767988	Certified	Category 1	Gerard Ave Sewer Repair Project	Merced	No	No	2000	0	6/27/2011	Pipe structural problem/failure
5S	City of Stockton MUD CS	765394	Certified	Category 1	2345 Anne Street	San Joaquin	No	Yes	1100	0	4/12/2011	Debri-General
5R	Corning Indust/Domestic CS	767178	Certified	Category 1	Marguerite ave.	Tehama	Yes	Yes	9000	2000	6/4/2011	Debri-Rags
5S	Discovery Bay CS	765824	Certified	Category 1	1402 Willow Lake Road	Contra Costa	Yes	Yes	100	50	4/23/2011	Other (specify below)
5F	East Niles Community Services CS	765964	Certified	Category 1	8300 Kern Canyon Road	Kern	No	Yes	600	600	4/29/2011	Root intrusion
5F	East Niles Community Services CS	766893	Certified	Category 1	Azalea Ave.	Kern	No	Yes	300	0	5/25/2011	Grease deposition (FOG)
5S	Esparto Csd CS	767581	Certified	Category 1	Fremont St Bridge	Yolo	No	No	4000	0	6/15/2011	Pipe structural problem/failure
5F	Firebaugh CS	767306	Certified	Category 1	FARM LABOR CAMP	Fresno	No	Yes	120	0	6/6/2011	Grease deposition (FOG)
5S	Lake Wildwood CS	766666	Certified	Category 1	19636 Chaparral cir. Penn Valley Ca.	Nevada	Yes	No	200	25	5/18/2011	Pipe structural problem/failure
5F	Mariposa Co YOSEMITE WEST CS	767323	Certified	Category 1	7431 Yosemite Park Way	Mariposa	Yes	Yes	350	250	6/7/2011	Root intrusion
5F	Mariposa PUD CS	767215	Certified	Category 1	5175 smith rd	Mariposa	Yes	No	200	150	6/7/2011	Other (specify below)
5S	Nw Regional Waste Disp Fac CS	767157	Certified	Category 1	5505 E. Hwy 20., Lucerne, CA 95458	Lake	Yes	No	8640	8640	6/5/2011	Other (specify below)
5F	SA-14 Chuk Chansi CS	766958	Certified	Category 1	SA-14 Chuk Chansi	Madera	No	No	10000	0	5/27/2011	Root intrusion
5F	SA-2 Bass Lake CS	765969	Certified	Category 1	53819 Road 432	Madera	Yes	Yes	1000	900	4/29/2011	Debri-General
5S	Sacramento Area Sewer District CS	767238	Certified	Category 1	27171	Sacramento	Yes	No	11400	11400	6/6/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	766890	Certified	Category 1	26758	Sacramento	No	Yes	1920	0	5/25/2011	Grease deposition (FOG)
5S	Southeast Regional Waste Disp Fac CS	766961	Certified	Category 1	16048 36th Avenue, Clearlake CA 95422	Lake	Yes	No	1250	125	5/29/2011	Root intrusion
5S	Sutter Creek CS	765935	Certified	Category 1	Cleanout at Intersection of Karsan Drive Drainage Ch	Amador	Yes	No	500	300	4/28/2011	Root intrusion
5S	Sutter Creek CS	766834	Certified	Category 1	175 Spanish Street at Rear of Lot at Creek	Amador	Yes	No	500	200	5/23/2011	Grease deposition (FOG)
5F	Taft City CS	767586	Certified	Category 1	Treated Effluent Disposal Irrigation Field	Kern	No	Yes	1500	0	6/16/2011	Other (specify below)
5F	Tulare CS	765860	Certified	Category 1	1300 block of King Street	Tulare	No	Yes	1100	0	4/27/2011	Grease deposition (FOG)
5F	Tuolumne Utilities District CS	765758	Certified	Category 1	drainage starting at 20525 Quail Hollow Ct	Tuolumne	Yes	No	52500	47600	4/17/2011	Pipe structural problem/failure
5F	Tuolumne Utilities District CS	765629	Certified	Category 1	manhole in backyard	Tuolumne	Yes	Yes	150	25	4/19/2011	Other (specify below)
5F	Yosemite Valley CS	765582	Certified	Category 1	North Pines Campground, MH I 31	Mariposa	No	No	1300	0	4/16/2011	Other (specify below)
5S	Amador City CS	765358	Certified	Category 2	Manhole #109A located in backyard of 11030 Amador	Amador	No	No	75	0	4/8/2011	Root intrusion
5F	Armona CS	765867	Certified	Category 2	11285 Alvin, Armona	Kings	No	Yes	200	0	4/27/2011	Debri-General
5R	Burney CS	765818	Certified	Category 2	Manhole at end of Oak St.	Shasta	No	No	300	0	4/26/2011	Debri-General
5S	California State Prison, Sacramento CS	765850	Certified	Category 2	California State Prison- Sacramento	Sacramento	No	Yes	50	1	4/27/2011	Debri-Rags
5S	California State Prison, Sacramento CS	766595	Certified	Category 2	CALIFORNIA STATE PRISON - SACRAMENTO	Sacramento	No	No	50	0	5/6/2011	Debri-General
5S	California State Prison, Sacramento CS	767655	Certified	Category 2	California State Prison - Sacramento	Sacramento	No	No	50	0	6/18/2011	Debri-General
5S	California State Prison, Sacramento CS	767597	Certified	Category 2	California State Prison - Sacramento	Sacramento	No	No	20	0	6/17/2011	Debri-General
5S	Ceres CS	767457	Certified	Category 2	1600 Hatch Road	Stanislaus	No	No	30	0	6/14/2011	Debri-General
5S	City Of Antioch CS	766202	Certified	Category 2	31 E. Madill St	Contra Costa	No	No	2	0	4/5/2011	Root intrusion
5S	City Of Antioch CS	766203	Certified	Category 2	934 Marie Ave	Contra Costa	No	No	1	0	4/7/2011	Debri-General
5S	City Of Auburn CS	765699	Certified	Category 2	1273 High St SSO	Placer	No	No	100	0	4/4/2011	Other (specify below)
5F	City Of Bakersfield CS	767397	Certified	Category 2	1017 Clyde St.	Kern	No	Yes	150	0	6/8/2011	Grease deposition (FOG)
5F	City Of Bakersfield CS	765654	Certified	Category 2	2601 Fremont	Kern	No	No	120	120	4/13/2011	Grease deposition (FOG)
5F	City Of Bakersfield CS	767075	Certified	Category 2	Olympia/Reedsport	Kern	No	Yes	120	0	5/22/2011	Grease deposition (FOG)
5F	City Of Bakersfield CS	765847	Certified	Category 2	Pullman/Corvallis	Kern	No	Yes	100	60	4/23/2011	Grease deposition (FOG)
5F	City Of Bakersfield CS	766017	Certified	Category 2	118 Irene St.	Kern	No	Yes	50	0	4/29/2011	Grease deposition (FOG)
5F	City Of Bakersfield CS	766414	Certified	Category 2	118 Irene Street	Kern	No	No	10	0	5/10/2011	Grease deposition (FOG)
5S	City Of Brentwood CS	765312	Certified	Category 2	550 Douglas Drive	Contra Costa	No	Yes	5	0	4/7/2011	Grease deposition (FOG)
5R	City of Chico CS	766136	Certified	Category 2	Alley Line E 6th Avenue Between Oleander and Esplan	Butte	No	Yes	20	0	4/28/2011	Other (specify below)
5S	City Of Jackson CS	767858	Certified	Category 2	403 Stasal Ave	Amador	No	No	50	0	6/17/2011	Debri-General
5F	City Of Newman CS	765949	Certified	Category 2	1906 S. St. Newman, Ca. 95360	Stanislaus	No	No	10	0	4/29/2011	Debri-General
5F	City of Orange Cove CS	765963	Certified	Category 2	465 4th	Fresno	No	No	100	0	4/24/2011	Grease deposition (FOG)
5S	City of Sacramento Combined CS	766180	Certified	Category 2	3rd ST & Q ST.	Sacramento	No	No	80	0	5/3/2011	Root intrusion
5S	City of Sacramento Combined CS	766972	Certified	Category 2	3160 40th ST	Sacramento	No	No	70	0	5/30/2011	Grease deposition (FOG)
5S	City of Sacramento Utilities CS	766158	Certified	Category 2	6655 14TH ST	Sacramento	No	Yes	200	0	4/29/2011	Grease deposition (FOG)
5S	City of Sacramento Utilities CS	766544	Certified	Category 2	1134 NOGALES ST	Sacramento	No	Yes	200	0	5/15/2011	Grease deposition (FOG)
5S	City of Sacramento Utilities CS	766250	Certified	Category 2	808 UNION ST	Sacramento	No	No	118	0	5/6/2011	Grease deposition (FOG)
5S	City of Sacramento Utilities CS	766315	Certified	Category 2	5200 RIVERSIDE BLVD	Sacramento	No	Yes	110	0	5/10/2011	Grease deposition (FOG)
5S	City of Sacramento Utilities CS	765535	Certified	Category 2	2424 40th AVENUE	Sacramento	No	Yes	100	0	4/13/2011	Grease deposition (FOG)
5S	City of Sacramento Utilities CS	766159	Certified	Category 2	1052 GRAND AVE	Sacramento	No	No	100	0	5/2/2011	Grease deposition (FOG)

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Category 2: All discharges of sewage resulting from a failure in an operator's sanitary sewer system not meeting the definition of Category 1.

SSO Spills April - June 2011

Region	Collection System	Spill ID	Certificati on Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Spill Reached Storm Drain System	Total Spill Volume (gal)	Spill volume that Reached Surface Waters (gal)	Start Date of Spill	Spill Cause
5S	City of Sacramento Utilities CS	765941	Certified	Category 2	5669 EL GRANERO WAY	Sacramento	No	No	80	0	4/27/2011	Debri-Rags
5S	City of Sacramento Utilities CS	765799	Certified	Category 2	47 SANDBURG DR	Sacramento	No	Yes	75	0	4/25/2011	Other (specify below)
5S	City of Sacramento Utilities CS	766395	Certified	Category 2	2166 53RD AVE	Sacramento	No	Yes	75	0	5/11/2011	Root intrusion
5S	City of Sacramento Utilities CS	766743	Certified	Category 2	4318 F STREET	Sacramento	No	Yes	50	0	5/18/2011	Root intrusion
5S	City of Sacramento Utilities CS	765942	Certified	Category 2	1840 FLORIN RD.	Sacramento	No	No	35	0	4/28/2011	Root intrusion
5S	City of Sacramento Utilities CS	765552	Certified	Category 2	2166 53rd AVE	Sacramento	No	Yes	25	0	4/14/2011	Other (specify below)
5S	City of Sacramento Utilities CS	765972	Certified	Category 2	7331 CRANSTON WAY	Sacramento	No	Yes	20	0	4/28/2011	Grease deposition (FOG)
5S	City of Stockton MUD CS	765367	Certified	Category 2	2622 Somerset Ct.	San Joaquin	No	Yes	200	0	4/11/2011	Grease deposition (FOG)
5S	City of Stockton MUD CS	766831	Certified	Category 2	1225 N California St	San Joaquin	No	No	100	0	5/21/2011	Debri-General
5S	City of Stockton MUD CS	765578	Certified	Category 2	7020 Kermit Ln.	San Joaquin	No	No	70	0	4/15/2011	Root intrusion
5S	City of Stockton MUD CS	765486	Certified	Category 2	2977 Chauncy Cir.	San Joaquin	No	No	60	0	4/13/2011	Root intrusion
5S	City of Stockton MUD CS	766415	Certified	Category 2	1474 Telegraph Av	San Joaquin	No	No	60	0	5/11/2011	Debri-General
5S	City of Stockton MUD CS	765739	Certified	Category 2	2602 Neubourg Ct	San Joaquin	No	No	50	0	4/21/2011	Debri-General
5S	City of Stockton MUD CS	765781	Certified	Category 2	1712 S Commerce St	San Joaquin	No	No	40	0	4/25/2011	Grease deposition (FOG)
5S	City of Stockton MUD CS	766341	Certified	Category 2	316 S Sierra Nevada St	San Joaquin	No	No	40	0	5/10/2011	Debri-General
5S	City of Stockton MUD CS	765644	Certified	Category 2	2945 Malvern Ct.	San Joaquin	No	No	35	0	4/19/2011	Pipe structural problem/failure
5S	City of Stockton MUD CS	766181	Certified	Category 2	25 S. Airport Wy.	San Joaquin	No	No	35	0	5/4/2011	Grease deposition (FOG)
5S	City of Stockton MUD CS	765822	Certified	Category 2	1144 East Channel St.	San Joaquin	No	No	30	0	4/26/2011	Root intrusion
5S	City of Stockton MUD CS	765386	Certified	Category 2	9441 Kelley Dr.	San Joaquin	No	No	25	0	4/11/2011	Debri-General
5S	City of Stockton MUD CS	765428	Certified	Category 2	1817 N. Commerce St.	San Joaquin	No	No	25	0	4/12/2011	Root intrusion
5S	City of Stockton MUD CS	765380	Certified	Category 2	2316 Bernay Ct.	San Joaquin	No	Yes	15	0	4/11/2011	Grease deposition (FOG)
5S	City of Stockton MUD CS	765576	Certified	Category 2	414 Pickwood Ln.	San Joaquin	No	No	15	0	4/16/2011	Root intrusion
5S	City of Stockton MUD CS	765641	Certified	Category 2	925 W Oak St.	San Joaquin	No	No	10	0	4/19/2011	Root intrusion
5S	City of Stockton MUD CS	766628	Certified	Category 2	1761 School Ave.	San Joaquin	No	No	10	0	5/16/2011	Root intrusion
5R	City Of Willows CS	765236	Certified	Category 2	689 Eureka Street	Glenn	No	No	10	2	4/6/2011	Root intrusion
5S	City of Woodland CS	766457	Certified	Category 2	City Cleanout	Yolo	No	No	35	0	4/28/2011	Grease deposition (FOG)
5S	City of Woodland CS	765657	Certified	Category 2	City Cleanout	Yolo	No	No	30	0	4/2/2011	Root intrusion
5S	City of Woodland CS	765320	Certified	Category 2	City Cleanout	Yolo	No	No	5	0	4/2/2011	Pipe structural problem/failure
5S	Deer Creek CS	766485	Certified	Category 2	DC-2011-05-04	El Dorado	No	No	5	0	5/12/2011	Operator error
5S	Deer Creek CS	766986	Certified	Category 2	DC-2011-05-05	El Dorado	No	No	5	0	5/24/2011	Root intrusion
5S	Discovery Bay CS	767870	Certified	Category 2	226 Amesberry Discovery Bay	Contra Costa	No	Yes	20	0	6/27/2011	Debri-General
5S	Douglas Flat/Vallecito CS	767128	Certified	Category 2	Vallecito Force Main	Calaveras	No	No	100	0	6/1/2011	Pipe structural problem/failure
5S	Dry Creek CS	766671	Certified	Category 2	228 D Street	Placer	No	No	15	0	5/11/2011	Grease deposition (FOG)
5S	Dry Creek CS	766669	Certified	Category 2	113 Clinton Ave.	Placer	No	No	10	0	5/2/2011	Root intrusion
5S	Dry Creek CS	767995	Certified	Category 2	921 Lawton Ave	Placer	No	No	10	0	6/21/2011	Root intrusion
5S	Dry Creek CS	765930	Certified	Category 2	207 Fourth Street	Placer	No	No	9	0	4/12/2011	Root intrusion
5S	Dry Creek CS	767994	Certified	Category 2	605 Wemberly Drive	Placer	No	No	5	0	6/18/2011	Root intrusion
5S	Easterly CS	765970	Certified	Category 2	Sam's Chinese / Mena's Bistro Restaurants @ 141 A	Solano	No	No	750	0	4/30/2011	Grease deposition (FOG)
5S	Easterly CS	767050	Certified	Category 2	372 Elsinore Dr	Solano	No	No	171	0	5/31/2011	Grease deposition (FOG)
5S	Easterly CS	766755	Certified	Category 2	882 Kingman Dr	Solano	No	No	99	0	5/19/2011	Grease deposition (FOG)
5F	LEMOORE WWTF CS	765593	Certified	Category 2	Riviera and Naples	Kings	No	Yes	156	0	4/17/2011	Pump station failure
5S	Manteca CS	766322	Certified	Category 2	1333 Higton St., Manteca, CA. 95337	San Joaquin	No	Yes	100	0	4/30/2011	Debri-General
5S	Manteca CS	766321	Certified	Category 2	325 Roosevelt Ave., Manteca, CA. 95337	San Joaquin	No	Yes	50	0	4/3/2011	Debri-General
5S	Modesto CS	767439	Certified	Category 2	1116 Oakdale Road	Stanislaus	No	Yes	500	0	6/10/2011	Root intrusion
5S	Modesto CS	767292	Certified	Category 2	1240 South Ave	Stanislaus	No	No	196	0	6/6/2011	Grease deposition (FOG)
5S	Modesto CS	766262	Certified	Category 2	3116 Wollam Dr	Stanislaus	No	No	100	0	5/5/2011	Grease deposition (FOG)
5S	Modesto CS	766444	Certified	Category 2	1709 Mable Ave	Stanislaus	No	Yes	67	0	5/1/2011	Debri-General
5S	Modesto CS	767440	Certified	Category 2	1112 Hilo Lane	Stanislaus	No	No	30	0	6/10/2011	Root intrusion
5S	Modesto CS	765965	Certified	Category 2	1615 F Street	Stanislaus	No	Yes	5	0	4/28/2011	Pipe structural problem/failure
5S	Napa Berryessa CS	766883	Certified	Category 2	Steele Canyon Road - Lift Station #2	Napa	No	No	30	0	5/25/2011	Pipe structural problem/failure
5S	Napa Berryessa CS	766401	Certified	Category 2	Manhole 9.2	Napa	No	No	20	0	5/12/2011	Debri-General
5S	Napa Berryessa CS	767122	Certified	Category 2	135 Poppy Lane	Napa	No	No	20	0	6/1/2011	Root intrusion
5S	Pacific Gardens Sanitary District CS	766999	Certified	Category 2	Lamp hole at 3615 De Ovan	San Joaquin	No	Yes	5	0	4/9/2011	Debri-General
5F	Pleasant Valley State Prison CS	767771	Certified	Category 2	Behind Housing Unit Alpha 3 at Pleasant Valley State	Fresno	No	No	30	0	6/22/2011	Other (specify below)

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SSO Spills April - June 2011

Region	Collection System	Spill ID	Certificati on Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Spill Reached Storm Drain System	Total Spill Volume (gal)	Spill volume that Reached Surface Waters (gal)	Start Date of Spill	Spill Cause
5F	Pleasant Valley State Prison CS	767772	Certified	Category 2	Behind Housing Unit Alpha 4 at Pleasant Valley State	Fresno	No	No	10	0	6/22/2011	Other (specify below)
5R	Red Bluff CS	767037	Certified	Category 2	1436 robinson dr	Tehama	No	No	5	0	5/3/2011	Root intrusion
5R	Redding City CS	766781	Certified	Category 2	Manhole C5-58, adjacent to 1065 Dara Ct	Shasta	No	Yes	35	0	4/21/2011	Other (specify below)
5S	Riverbank CS	766121	Certified	Category 2	Falcon Ridge / Woodard Ave	Stanislaus	No	No	100	0	4/19/2011	Pump station failure
5S	Sacramento Area Sewer District CS	767274	Certified	Category 2	25853	Sacramento	No	Yes	770	0	5/8/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766078	Certified	Category 2	24975	Sacramento	No	Yes	365	0	4/25/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766216	Certified	Category 2	25377	Sacramento	No	Yes	200	0	4/30/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	766047	Certified	Category 2	23520	Sacramento	No	No	115	0	4/1/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766031	Certified	Category 2	23990	Sacramento	No	Yes	100	0	4/9/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	767283	Certified	Category 2	26561	Sacramento	No	Yes	100	0	5/20/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767044	Certified	Category 2	25970	Sacramento	No	No	80	0	5/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767571	Certified	Category 2	26842	Sacramento	No	No	70	0	5/29/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767820	Certified	Category 2	26848	Sacramento	No	Yes	60	0	5/29/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	766037	Certified	Category 2	24060	Sacramento	No	Yes	50	0	4/11/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	766554	Certified	Category 2	24952	Sacramento	No	No	50	0	4/23/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	766665	Certified	Category 2	24602	Sacramento	No	No	40	0	4/19/2011	Debri-General
5S	Sacramento Area Sewer District CS	766214	Certified	Category 2	25373	Sacramento	No	No	32	0	4/30/2011	Debri-General
5S	Sacramento Area Sewer District CS	766040	Certified	Category 2	24105	Sacramento	No	Yes	30	0	4/11/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766501	Certified	Category 2	24953	Sacramento	No	Yes	30	0	4/23/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766059	Certified	Category 2	23585	Sacramento	No	Yes	25	0	4/3/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	766110	Certified	Category 2	24437	Sacramento	No	Yes	25	0	4/17/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766112	Certified	Category 2	24501	Sacramento	No	Yes	20	0	4/18/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766119	Certified	Category 2	24950	Sacramento	No	Yes	20	0	4/23/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	766082	Certified	Category 2	25074	Sacramento	No	No	20	0	4/25/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767016	Certified	Category 2	25388	Sacramento	No	No	20	0	5/1/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767812	Certified	Category 2	26389	Sacramento	No	No	20	0	5/17/2011	Operator error
5S	Sacramento Area Sewer District CS	767069	Certified	Category 2	26492	Sacramento	No	No	20	0	5/19/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767560	Certified	Category 2	26641	Sacramento	No	No	20	0	5/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766042	Certified	Category 2	24005	Sacramento	No	No	15	0	4/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766056	Certified	Category 2	24222	Sacramento	No	Yes	15	0	4/13/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	767034	Certified	Category 2	25872	Sacramento	No	Yes	15	0	5/9/2011	Debri-General
5S	Sacramento Area Sewer District CS	767286	Certified	Category 2	26598	Sacramento	No	No	15	0	5/23/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766061	Certified	Category 2	23596	Sacramento	No	No	13	0	4/4/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766057	Certified	Category 2	23576	Sacramento	No	No	10	0	4/2/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766064	Certified	Category 2	23654	Sacramento	No	Yes	10	0	4/4/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	766033	Certified	Category 2	23994	Sacramento	No	No	10	0	4/9/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766498	Certified	Category 2	23999	Sacramento	No	No	10	0	4/10/2011	Debri-General
5S	Sacramento Area Sewer District CS	766664	Certified	Category 2	24467	Sacramento	No	No	10	0	4/18/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766118	Certified	Category 2	24949	Sacramento	No	No	10	0	4/23/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766516	Certified	Category 2	25256	Sacramento	No	No	10	0	4/28/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	767024	Certified	Category 2	25496	Sacramento	No	Yes	10	0	5/3/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767039	Certified	Category 2	25945	Sacramento	No	No	10	0	5/9/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767562	Certified	Category 2	26708	Sacramento	No	No	10	0	5/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767879	Certified	Category 2	26839	Sacramento	No	No	9	0	5/28/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766055	Certified	Category 2	24221	Sacramento	No	No	8	0	4/13/2011	Debri-General
5S	Sacramento Area Sewer District CS	766104	Certified	Category 2	24423	Sacramento	No	Yes	8	0	4/16/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	766075	Certified	Category 2	24954	Sacramento	No	No	8	0	4/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767897	Certified	Category 2	25924	Sacramento	No	No	8	0	5/9/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767814	Certified	Category 2	26555	Sacramento	No	No	8	0	5/20/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767576	Certified	Category 2	26904	Sacramento	No	No	8	0	5/31/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766094	Certified	Category 2	23678	Sacramento	No	No	7	0	4/4/2011	Debri-General
5S	Sacramento Area Sewer District CS	766191	Certified	Category 2	25379	Sacramento	No	No	7	0	4/30/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766063	Certified	Category 2	24317	Sacramento	No	No	6	0	4/15/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	767573	Certified	Category 2	26844	Sacramento	No	No	6	0	5/29/2011	Root intrusion

Category 1: All discharges of sewage resulting from a failure in an operator's sanitary sewer system that:
A. Equal or exceed 3000 gallons; or
B. Result in a discharge to a drainage channel and/or surface water; or
C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

Category 2: All discharges of sewage resulting from a failure in an operator's sanitary sewer system not meeting the definition of Category 1.

SSO Spills April - June 2011

Region	Collection System	Spill ID	Certificati on Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Spill Reached Storm Drain System	Total Spill Volume (gal)	Spill volume that Reached Surface Waters (gal)	Start Date of Spill	Spill Cause
5S	Sacramento Area Sewer District CS	767822	Certified	Category 2	26849	Sacramento	No	No	6	0	5/29/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766093	Certified	Category 2	23663	Sacramento	No	No	5	0	4/4/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766098	Certified	Category 2	23819	Sacramento	No	No	5	0	4/6/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766102	Certified	Category 2	23918	Sacramento	No	No	5	0	4/7/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766034	Certified	Category 2	23997	Sacramento	No	No	5	0	4/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766500	Certified	Category 2	24458	Sacramento	No	No	5	0	4/18/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766089	Certified	Category 2	24757	Sacramento	No	No	5	0	4/21/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766083	Certified	Category 2	25100	Sacramento	No	No	5	0	4/26/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766210	Certified	Category 2	25314	Sacramento	No	No	5	0	4/29/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767035	Certified	Category 2	25887	Sacramento	No	No	5	0	5/9/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767045	Certified	Category 2	25990	Sacramento	No	No	5	0	5/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767059	Certified	Category 2	26202	Sacramento	No	No	5	0	5/13/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	767066	Certified	Category 2	26378	Sacramento	No	No	5	0	5/17/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767068	Certified	Category 2	26478	Sacramento	No	No	5	0	5/18/2011	Debri-General
5S	Sacramento Area Sewer District CS	767280	Certified	Category 2	26530	Sacramento	No	No	5	0	5/20/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767566	Certified	Category 2	26788	Sacramento	No	No	5	0	5/26/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767824	Certified	Category 2	26855	Sacramento	No	No	5	0	5/30/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767574	Certified	Category 2	26866	Sacramento	No	No	5	0	5/31/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766054	Certified	Category 2	23570	Sacramento	No	No	4	0	4/2/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766096	Certified	Category 2	23682	Sacramento	No	No	4	0	4/4/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766069	Certified	Category 2	24418	Sacramento	No	No	4	0	4/15/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766081	Certified	Category 2	25066	Sacramento	No	No	4	0	4/25/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	766206	Certified	Category 2	25073	Sacramento	No	No	4	0	4/25/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	766208	Certified	Category 2	25285	Sacramento	No	No	4	0	4/28/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767027	Certified	Category 2	25833	Sacramento	No	No	4	0	5/6/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	767032	Certified	Category 2	25868	Sacramento	No	No	4	0	5/9/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767275	Certified	Category 2	25995	Sacramento	No	No	4	0	5/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767058	Certified	Category 2	26102	Sacramento	No	No	4	0	5/12/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767062	Certified	Category 2	26267	Sacramento	No	No	4	0	5/15/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767279	Certified	Category 2	26524	Sacramento	No	No	4	0	5/19/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767819	Certified	Category 2	26836	Sacramento	No	No	4	0	5/28/2011	Debri-General
5S	Sacramento Area Sewer District CS	766046	Certified	Category 2	23452	Sacramento	No	No	3	0	4/1/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766097	Certified	Category 2	23808	Sacramento	No	No	3	0	4/5/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	766099	Certified	Category 2	23892	Sacramento	No	No	3	0	4/6/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766103	Certified	Category 2	23941	Sacramento	No	No	3	0	4/7/2011	Debri-General
5S	Sacramento Area Sewer District CS	766029	Certified	Category 2	23959	Sacramento	No	No	3	0	4/8/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766030	Certified	Category 2	23980	Sacramento	No	No	3	0	4/8/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766499	Certified	Category 2	24051	Sacramento	No	No	3	0	4/11/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766058	Certified	Category 2	24312	Sacramento	No	No	3	0	4/14/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	766067	Certified	Category 2	24391	Sacramento	No	No	3	0	4/15/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766108	Certified	Category 2	24430	Sacramento	No	No	3	0	4/17/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766079	Certified	Category 2	24981	Sacramento	No	No	3	0	4/25/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766211	Certified	Category 2	25364	Sacramento	No	No	3	0	4/29/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767021	Certified	Category 2	25444	Sacramento	No	No	3	0	5/2/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767026	Certified	Category 2	25552	Sacramento	No	No	3	0	5/3/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767554	Certified	Category 2	25836	Sacramento	No	No	3	0	5/6/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767052	Certified	Category 2	26018	Sacramento	No	No	3	0	5/11/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767053	Certified	Category 2	26024	Sacramento	No	No	3	0	5/11/2011	Debri-General
5S	Sacramento Area Sewer District CS	767060	Certified	Category 2	26241	Sacramento	No	No	3	0	5/13/2011	Debri-General
5S	Sacramento Area Sewer District CS	767061	Certified	Category 2	26266	Sacramento	No	No	3	0	5/14/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767284	Certified	Category 2	26570	Sacramento	No	No	3	0	5/22/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767815	Certified	Category 2	26744	Sacramento	No	No	3	0	5/25/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767564	Certified	Category 2	26769	Sacramento	No	No	3	0	5/26/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767899	Certified	Category 2	26779	Sacramento	No	No	3	0	5/26/2011	Root intrusion

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C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

Category 2: All discharges of sewage resulting from a failure in an operator's sanitary sewer system not meeting the definition of Category 1.

SSO Spills April - June 2011

Region	Collection System	Spill ID	Certificati on Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Spill Reached Storm Drain System	Total Spill Volume (gal)	Spill volume that Reached Surface Waters (gal)	Start Date of Spill	Spill Cause
5S	Sacramento Area Sewer District CS	767570	Certified	Category 2	26838	Sacramento	No	No	3	0	5/28/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766052	Certified	Category 2	23567	Sacramento	No	No	2	0	4/1/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766100	Certified	Category 2	23899	Sacramento	No	No	2	0	4/7/2011	Debri-General
5S	Sacramento Area Sewer District CS	766192	Certified	Category 2	23903	Sacramento	No	No	2	0	4/7/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766048	Certified	Category 2	24164	Sacramento	No	No	2	0	4/12/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766051	Certified	Category 2	24179	Sacramento	No	No	2	0	4/13/2011	Debri-General
5S	Sacramento Area Sewer District CS	766065	Certified	Category 2	24323	Sacramento	No	No	2	0	4/15/2011	Debri-General
5S	Sacramento Area Sewer District CS	766068	Certified	Category 2	24415	Sacramento	No	No	2	0	4/15/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766663	Certified	Category 2	24422	Sacramento	No	No	2	0	4/16/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766106	Certified	Category 2	24428	Sacramento	No	No	2	0	4/17/2011	Debri-General
5S	Sacramento Area Sewer District CS	766107	Certified	Category 2	24429	Sacramento	No	No	2	0	4/17/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766113	Certified	Category 2	24540	Sacramento	No	No	2	0	4/18/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766090	Certified	Category 2	24664	Sacramento	No	No	2	0	4/20/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766115	Certified	Category 2	24871	Sacramento	No	No	2	0	4/22/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	766088	Certified	Category 2	24883	Sacramento	No	No	2	0	4/22/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766760	Certified	Category 2	24929	Sacramento	No	No	2	0	4/22/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766077	Certified	Category 2	24962	Sacramento	No	No	2	0	4/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766084	Certified	Category 2	25105	Sacramento	No	No	2	0	4/26/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766086	Certified	Category 2	25184	Sacramento	No	No	2	0	4/27/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766207	Certified	Category 2	25262	Sacramento	No	No	2	0	4/28/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766209	Certified	Category 2	25286	Sacramento	No	No	2	0	4/28/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766212	Certified	Category 2	25369	Sacramento	No	No	2	0	4/30/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766518	Certified	Category 2	25371	Sacramento	No	No	2	0	4/30/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766215	Certified	Category 2	25374	Sacramento	No	No	2	0	4/30/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767271	Certified	Category 2	25382	Sacramento	No	No	2	0	5/1/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767017	Certified	Category 2	25403	Sacramento	No	No	2	0	5/2/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767022	Certified	Category 2	25462	Sacramento	No	No	2	0	5/2/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767023	Certified	Category 2	25488	Sacramento	No	No	2	0	5/2/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767272	Certified	Category 2	25725	Sacramento	No	No	2	0	5/5/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767273	Certified	Category 2	25747	Sacramento	No	No	2	0	5/5/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767031	Certified	Category 2	25843	Sacramento	No	No	2	0	5/7/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767038	Certified	Category 2	25927	Sacramento	No	No	2	0	5/9/2011	Operator error
5S	Sacramento Area Sewer District CS	767046	Certified	Category 2	25994	Sacramento	No	No	2	0	5/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767555	Certified	Category 2	26099	Sacramento	No	No	2	0	5/12/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767811	Certified	Category 2	26154	Sacramento	No	No	2	0	5/12/2011	Operator error
5S	Sacramento Area Sewer District CS	767067	Certified	Category 2	26385	Sacramento	No	No	2	0	5/17/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767282	Certified	Category 2	26532	Sacramento	No	No	2	0	5/20/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	767898	Certified	Category 2	26575	Sacramento	No	No	2	0	5/22/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	767559	Certified	Category 2	26599	Sacramento	No	No	2	0	5/23/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767563	Certified	Category 2	26751	Sacramento	No	No	2	0	5/25/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	767816	Certified	Category 2	26780	Sacramento	No	No	2	0	5/26/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767818	Certified	Category 2	26799	Sacramento	No	No	2	0	5/26/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767572	Certified	Category 2	26843	Sacramento	No	No	2	0	5/29/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767823	Certified	Category 2	26851	Sacramento	No	No	2	0	5/30/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767881	Certified	Category 2	26867	Sacramento	No	No	2	0	5/31/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766050	Certified	Category 2	23565	Sacramento	No	No	1	0	4/1/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766095	Certified	Category 2	23679	Sacramento	No	No	1	0	4/4/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	766101	Certified	Category 2	23908	Sacramento	No	No	1	0	4/7/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766036	Certified	Category 2	24001	Sacramento	No	No	1	0	4/10/2011	Debri-General
5S	Sacramento Area Sewer District CS	766193	Certified	Category 2	24003	Sacramento	No	No	1	0	4/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766038	Certified	Category 2	24074	Sacramento	No	No	1	0	4/11/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766049	Certified	Category 2	24165	Sacramento	No	No	1	0	4/12/2011	Debri-General
5S	Sacramento Area Sewer District CS	766053	Certified	Category 2	24184	Sacramento	No	No	1	0	4/13/2011	Debri-General
5S	Sacramento Area Sewer District CS	766105	Certified	Category 2	24424	Sacramento	No	No	1	0	4/16/2011	Root intrusion

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SSO Spills April - June 2011

Region	Collection System	Spill ID	Certificati on Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Spill Reached Storm Drain System	Total Spill Volume (gal)	Spill volume that Reached Surface Waters (gal)	Start Date of Spill	Spill Cause
5S	Sacramento Area Sewer District CS	766109	Certified	Category 2	24434	Sacramento	No	No	1	0	4/17/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766111	Certified	Category 2	24491	Sacramento	No	No	1	0	4/18/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766114	Certified	Category 2	24561	Sacramento	No	No	1	0	4/18/2011	Other (specify below)
5S	Sacramento Area Sewer District CS	766091	Certified	Category 2	24573	Sacramento	No	No	1	0	4/18/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766116	Certified	Category 2	24944	Sacramento	No	No	1	0	4/23/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766117	Certified	Category 2	24948	Sacramento	No	No	1	0	4/23/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766503	Certified	Category 2	24958	Sacramento	No	No	1	0	4/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766076	Certified	Category 2	24961	Sacramento	No	No	1	0	4/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766204	Certified	Category 2	24964	Sacramento	No	No	1	0	4/25/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766080	Certified	Category 2	25007	Sacramento	No	No	1	0	4/25/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766085	Certified	Category 2	25175	Sacramento	No	No	1	0	4/27/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766087	Certified	Category 2	25185	Sacramento	No	No	1	0	4/27/2011	Debri-General
5S	Sacramento Area Sewer District CS	766515	Certified	Category 2	25239	Sacramento	No	No	1	0	4/28/2011	Operator error
5S	Sacramento Area Sewer District CS	766517	Certified	Category 2	25329	Sacramento	No	No	1	0	4/29/2011	Root intrusion
5S	Sacramento Area Sewer District CS	766213	Certified	Category 2	25370	Sacramento	No	No	1	0	4/30/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767015	Certified	Category 2	25381	Sacramento	No	No	1	0	5/1/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767019	Certified	Category 2	25424	Sacramento	No	No	1	0	5/2/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767025	Certified	Category 2	25519	Sacramento	No	No	1	0	5/3/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767809	Certified	Category 2	25617	Sacramento	No	No	1	0	5/4/2011	Operator error
5S	Sacramento Area Sewer District CS	767029	Certified	Category 2	25835	Sacramento	No	No	1	0	5/6/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767043	Certified	Category 2	25965	Sacramento	No	No	1	0	5/10/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767047	Certified	Category 2	26000	Sacramento	No	No	1	0	5/10/2011	Debri-General
5S	Sacramento Area Sewer District CS	767054	Certified	Category 2	26026	Sacramento	No	No	1	0	5/11/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767055	Certified	Category 2	26069	Sacramento	No	No	1	0	5/12/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767056	Certified	Category 2	26073	Sacramento	No	No	1	0	5/12/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767810	Certified	Category 2	26151	Sacramento	No	No	1	0	5/12/2011	Operator error
5S	Sacramento Area Sewer District CS	767057	Certified	Category 2	26087	Sacramento	No	No	1	0	5/12/2011	Operator error
5S	Sacramento Area Sewer District CS	767556	Certified	Category 2	26115	Sacramento	No	No	1	0	5/12/2011	Debri-General
5S	Sacramento Area Sewer District CS	767883	Certified	Category 2	26255	Sacramento	No	No	1	0	5/14/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767276	Certified	Category 2	26262	Sacramento	No	No	1	0	5/14/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767063	Certified	Category 2	26269	Sacramento	No	No	1	0	5/15/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767064	Certified	Category 2	26342	Sacramento	No	No	1	0	5/16/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767065	Certified	Category 2	26360	Sacramento	No	No	1	0	5/17/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767277	Certified	Category 2	26387	Sacramento	No	No	1	0	5/17/2011	Operator error
5S	Sacramento Area Sewer District CS	767813	Certified	Category 2	26444	Sacramento	No	No	1	0	5/18/2011	Debri-General
5S	Sacramento Area Sewer District CS	767278	Certified	Category 2	26476	Sacramento	No	No	1	0	5/18/2011	Debri-General
5S	Sacramento Area Sewer District CS	767891	Certified	Category 2	26560	Sacramento	No	No	1	0	5/20/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767285	Certified	Category 2	26571	Sacramento	No	No	1	0	5/22/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767558	Certified	Category 2	26574	Sacramento	No	No	1	0	5/22/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767288	Certified	Category 2	26660	Sacramento	No	No	1	0	5/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767561	Certified	Category 2	26705	Sacramento	No	No	1	0	5/24/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767565	Certified	Category 2	26776	Sacramento	No	No	1	0	5/26/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767817	Certified	Category 2	26793	Sacramento	No	No	1	0	5/26/2011	Operator error
5S	Sacramento Area Sewer District CS	767567	Certified	Category 2	26801	Sacramento	No	No	1	0	5/27/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767568	Certified	Category 2	26832	Sacramento	No	No	1	0	5/27/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767569	Certified	Category 2	26837	Sacramento	No	No	1	0	5/28/2011	Root intrusion
5S	Sacramento Area Sewer District CS	767575	Certified	Category 2	26889	Sacramento	No	No	1	0	5/31/2011	Debri-General
5S	San Andreas CS	766745	Certified	Category 2	sunset and mariposa	Calaveras	No	No	50	0	5/19/2011	Debri-Rags
5S	San Andreas CS	767012	Certified	Category 2	cleanout B5006	Calaveras	No	No	25	0	5/31/2011	Debri-Rags
5S	San Andreas CS	766748	Certified	Category 2	577 gold oak	Calaveras	No	No	20	0	5/19/2011	Debri-Rags
5S	SMD No. 2 CS	766122	Certified	Category 2	7772 Lakeshore Drive - Map Page C16 Manhole 12	Placer	No	No	770	0	4/30/2011	Root intrusion
5S	Southeast Regional Waste Disp Fac CS	766798	Certified	Category 2	Corner of Valley and Lasky	Lake	No	No	40	0	5/21/2011	Grease deposition (FOG)
5F	Stallion Springs Csd CS	766285	Certified	Category 2	28881 Shannon Court Condos # 27	Kern	No	No	80	0	4/9/2011	Root intrusion
5R	Stirling City Ponds CS	766863	Certified	Category 2	Stirling City SSO 5/23/11	Butte	No	No	865	0	5/23/2011	Root intrusion

Category 1: All discharges of sewage resulting from a failure in an operator's sanitary sewer system that:
A. Equal or exceed 3000 gallons; or
B. Result in a discharge to a drainage channel and/or surface water; or
C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

Category 2: All discharges of sewage resulting from a failure in an operator's sanitary sewer system not meeting the definition of Category 1.

SSO Spills April - June 2011

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Spill Reached Storm Drain System	Total Spill Volume (gal)	Spill volume that Reached Surface Waters (gal)	Start Date of Spill	Spill Cause
5S	Sutter Creek CS	765591	Certified	Category 2	Manhole #232 on Patricia Lane at 335 Patricia Lane	Amador	No	No	300	0	4/15/2011	Root intrusion
5S	Sutter Creek CS	766222	Certified	Category 2	Driveway at 185 Patricia Lane near Manhole #225	Amador	No	No	95	0	5/5/2011	Root intrusion
5F	Tulare CS	766019	Certified	Category 2	G and H alley	Tulare	No	No	250	0	4/29/2011	Grease deposition (FOG)
5F	Tuolumne Utilities District CS	765779	Certified	Category 2	Yosemite Title	Tuolumne	No	Yes	175	0	4/22/2011	Grease deposition (FOG)
5F	Tuolumne Utilities District CS	765110	Certified	Category 2	G5 cleanout in front of address	Tuolumne	No	Yes	20	0	4/4/2011	Root intrusion
5S	Turlock CS	766157	Certified	Category 2	Alpha Road	Stanislaus	No	No	50	0	4/14/2011	Grease deposition (FOG)
5S	West Sacramento CS	766252	Certified	Category 2	Coke St. at Evergreen Ave.	Yolo	No	No	30	0	5/3/2011	Grease deposition (FOG)
5S	Williams CS	767049	Certified	Category 2	4th St. / McDonalds	Colusa	No	No	720	0	5/16/2011	Pump station failure
5S	Williams CS	766165	Certified	Category 2	E St. / Museum House	Colusa	No	No	360	0	4/11/2011	Grease deposition (FOG)
5S	Woodbridge Sd CS	767152	Certified	Category 2	980 Indiana Street, Woodbridge, CA 95258	San Joaquin	No	No	5	0	6/3/2011	Grease deposition (FOG)
5S	Yuba City CS	766164	Certified	Category 2	CS-02-11	Sutter	No	No	1	0	5/3/2011	Grease deposition (FOG)
5S	Yuba City CS	766166	Certified	Category 2	CS-03-11	Sutter	No	No	1	1	5/3/2011	Grease deposition (FOG)
5S	Yuba City CS	766162	Certified	Category 2	CS-01-11	Sutter	No	No	1	0	5/3/2011	Grease deposition (FOG)
33 Collection Systems report no SSOs during the second quarter of 2011.												

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