

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



**EXECUTIVE OFFICER'S REPORT  
June 9-10, 2011**

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**ITEMS IN THIS REPORT**

<b>SUCCESS STORIES .....</b>	<b>2</b>
<b>COMPLIANCE AND ENFORCEMENT .....</b>	<b>8</b>
<b>SANITARY SEWER OVERFLOWS .....</b>	<b>13</b>
<b>TMDL BASIN PLANNING .....</b>	<b>15</b>
<b>SALINITY AND CV SALTS .....</b>	<b>16</b>
<b>DAIRIES .....</b>	<b>18</b>
<b>NPDES PERMIT .....</b>	<b>19</b>
<b>DELTA ACTIVITIES .....</b>	<b>20</b>
<b>GRANTS .....</b>	<b>21</b>
<b>SPILLS AND LEAKS .....</b>	<b>22</b>
<b>LAND DISCHARGE AND DISPOSAL .....</b>	<b>23</b>
<b>IRRIGATED LANDS REGULATORY PROGRAM (ILRP) .....</b>	<b>24</b>
<b>STAFF RECOGNITION .....</b>	<b>28</b>
<b>PUBLIC OUTREACH .....</b>	<b>33</b>
<b>PERSONNEL AND ADMINISTRATION .....</b>	<b>38</b>
<b>FUTURE BOARD ACTIVITIES .....</b>	<b>45</b>

## SUCCESS STORIES

- 1. Administrative Civil Liability, Toyautomart, Sacramento County**  
On 25 March 2011, the Assistant Executive Officer issued Administrative Civil Liability Order R5-2011-0539 to Toyautomart for failure to submit industrial storm water annual reports. The assessed liability for these violations was \$9,375. Toyautomart agreed to pay in twelve monthly payments with the first payment due 1 May 2011.
- 2. Administrative Civil Liability, Elite Ready Mix, LLC, Sacramento County**  
On 25 March 2011, the Assistant Executive Officer issued Administrative Civil Liability Order R5-2011-0540 to Elite Ready Mix, LLC for failure to submit industrial storm water annual reports. The assessed liability for these violations was \$7,850. Elite Ready Mix agreed to pay in six monthly payments with the first payment due by 30 May 2011.
- 3. Administrative Civil Liability, V&O Auto Dismantling, Sacramento County**  
On 7 April 2011, the Assistant Executive Officer issued Administrative Civil Liability Order R5-2011-0547 to V&O Auto Dismantling for failure to submit industrial storm water annual reports. The assessed liability for these violations was \$7,925. V&O agreed to pay in twelve monthly payments with the first payment due 1 May 2011.
- 4. ACL Order R5-2011-0537, was issued to the City of Corning, Corning Wastewater Treatment Plant, Tehama County.** Through the expedited process a MMP was in the amount of \$3,000 for violations of effluent limitations for Dichlorobromomethane that was exceeded in October 2010 was issued to the City of Corning. The City of Corning is a small community with a financial hardship and offset the penalty by completing a compliance project. (GDC)
- 5. ACL Order R5-2011-0571, was issued to Dicalite Minerals Corporation, Diatomaceous Earth Mine, Shasta County.** The MMPs were in the amount of \$15,000 for violations of effluent limitations for total recoverable zinc that were exceeded in February-March 2010 and December 2010 & January 2011. (DLW)
- 6. ACL Order R5-2011-0572, was issued to Sierra Pacific Industries, Burney Division, Shasta County.** The MMPs were in the amount of \$9,000 for violations of effluent limitations for toxicity and sellable solids that occurred in December 2010 and March 2011. (DLW)
- 7. ACL Order R5-2011-0579, was issued to the City of Portola, Portola Wastewater Treatment Plant, Plumas County.** The MMPs were in the amount of \$9,000 for violations of effluent limitations for total suspended solids and acute toxicity that occurred in March & April 2010. City of Portola is a small community with a financial hardship and will be able to offset the penalty by completing a compliance project. (GDD)
- 8. Aerojet-General Corporation Cleanup Projects Receives Environmental Excellence Awards.**  
On 2 May the National Association of Environmental Professionals (NAEP) awarded Aerojet with the NAEP 2011 Environmental Excellence Award for Public Partnerships. Aerojet was recognized for two public partnerships that lead to the development of a six megawatt solar facility at the Aerojet site in Rancho Cordova and the construction of the GET L-A groundwater extraction and treatment facility in Ancil Hoffman Park in Carmichael. The solar field was built in partnership with Solar Power, Inc. and the Sacramento Municipal Utilities District. The solar field offsets approximately 6,000 tons of carbon dioxide, 23.8 tons of sulfur dioxide and 9.3 tons of nitrogen dioxide that would otherwise been produced by burning fossil fuel. The treatment plant resulted from a partnership between Aerojet, Carmichael Water District and Sacramento County Parks. The treatment system intercepts groundwater pollution from Aerojet thereby protecting water supply wells owned by the water district. Much of the water from the treatment plant is provided to the golf course, conserving 125 million gallons of potable water annually and reducing costs to the county of \$100,000 per year. (AMM)
- 9. No Further Action Determination, Former Florin Tallow Rendering Plant, Dixon, Solano County** The former Florin Tallow Rendering Plant, owned by Modesto Holding Company, operated from 1971 to 2001, when a fire destroyed most of the facility. The former rendering plant is currently

a vacant lot surrounded by agricultural fields. Leaking underground storage tanks (USTs) released petroleum hydrocarbons to soil. Small spills of tetrachloroethylene (PCE) in the area of the plant's storage shed resulted in releases of PCE to the groundwater. Between 2003 and 2010, Modesto Holding Company removed USTs, installed four groundwater monitoring wells, excavated contaminated soils, and sampled soil vapor. Remaining soil vapor and groundwater concentrations of PCE do not pose a threat to human health or the environment. A No Further Action letter was issued on 4 March 2011. (KD)

10. **No Further Action Required – Banta Road-UPRR Project, Tracy (San Joaquin County)**  
Analytical results of soil and groundwater from investigations by Chevron Environmental Management Company for the Banta Road-UPRR right-of-way project, southeast of Tracy, led to the determination that the extent of petroleum constituents were delineated and further characterization was not needed. A Human Health Screening Evaluation completed in 2009 determined that no threat existed using a potential future onsite residential scenario. A soil and groundwater management plan designates Chevron as the responsible party if any affected soil or groundwater confirmed related to the pipelines is encountered in the future. Adjacent property owners were notified of the proposed closure. No comments were received during the review period. (CDH)
11. **No Further Action Required – Los Banos Rail Corridor Site #3 (Merced County)**  
Analytical results of soil and groundwater from investigations by the Chevron Environmental Management Company at the Los Banos site confirmed that petroleum constituents were as a result of Old Valley Pipeline leaks. Low concentrations of crude oil affected soil and groundwater are limited in extent near the center of the site and beneath the former pipeline easement within the UPRR right-of-way. A soil and groundwater management plan designates Chevron as the responsible party if any affected soil or groundwater confirmed related to the pipelines is encountered in the future. Adjacent property owners were notified of the proposed closure. Comments received during the review period were resolved. (CDH)
12. **No Further Action Required – Mountain House Development Site #3, West Byron Road, Mountain House (San Joaquin County)**  
Analytical results of soil and groundwater from investigations between 2001 and 2008 at the site indicated a small area of impact to soil and groundwater. Affected groundwater has been defined to be within the highway right-of-way, the active pipeline easement, a small part of the UPRR easement, and an adjacent alfalfa field. Based on a human health risk assessment, the level of risk to a hypothetical future resident was determined to be below de minimus levels. A soil and groundwater management plan designates Chevron as the responsible party if any affected soil or groundwater confirmed related to the pipelines is encountered in the future. Adjacent property owners were notified of the proposed closure. No comments were received during the review period. (CDH)
13. **No Further Action Required, Crop Production Services (Formerly Western Farm Service), 21929 Lassen Road, Five Points, Fresno County.**  
Primary constituents of concern (COCs) at this rural site in western Fresno County included nitrate, ammonia, 1,2-dichloropropane, toxaphene, and total petroleum hydrocarbons as motor oil. The majority of COCs detected in soil were near the former wash pad and shop building, where remediation efforts excavated and disposed of, off-site, approximately 134 cubic yards of impacted soil. Confirmation sampling below the excavation found non-detect to trace concentrations of the COCs. Groundwater at the site has been monitored since 1997. COC concentration trends have decreased or, at worst, remained steady. A few COC concentrations do still exceed maximum contaminant levels (MCLs) for State of California drinking water standards. However, first groundwater beneath the site is perched and contains very high total dissolved solids (TDS) concentrations (5,000 to 27,000 mg/L; secondary MCL for TDS is 500 mg/L) unrelated to the discharge. The site is in an agricultural area with no current domestic use of first groundwater and none expected in the future. It is expected that COC concentrations will naturally attenuate within a reasonable amount of time given first groundwater use in the area. A closure letter was issued for the site on 14 April 2011. (GJI)
14. **No Further Action Required – Underground Storage Tank (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**

### **Fresno County**

#### **Fred's Truck Fuels, 1785 Simpson, Kingsburg**

The responsible party removed five USTs during 1994, and gasoline and diesel were detected in soil. Subsequent investigations found gasoline and diesel had affected groundwater. An estimated 68,000 pounds of diesel and 4,300 pounds of gasoline were removed during excavation activities in 2006. An estimated 26,000 pounds of diesel and 1,500 pounds of gasoline remain. Additional excavation was not technically or economically feasible due to nearby roads. Subsequent groundwater monitoring confirmed the groundwater plume is stable and decreasing, and does not extend offsite. Drinking water standards should be reached in 5 to 10 years. Residual gasoline and diesel do not threaten human health or the environment. The site was closed on 2 March 2011. (JWH)

#### **Village Gas, 1700 Draper Street, Kingsburg**

The responsible party removed three USTs in 1998, and gasoline was detected in soil. The responsible party remediated the site using air sparging and soil vapor extraction. About 16,000 pounds of gasoline were removed from the site. During the last groundwater monitoring event performed in June 2009, no gasoline was detected in groundwater. The site was closed on 19 April 2011. (JWH)

#### **Sunrise Food Mart, 2600 Jensen Avenue, Sanger**

The responsible party removed three USTs from the site in 1995 and three more in 1996, and gasoline constituents were detected in soil. Subsequent investigation detected minor gasoline constituents in one groundwater monitoring well (primarily MTBE and TBA). Petroleum hydrocarbons do not appear to extend significantly off site. The release does not pose a threat to human health or the environment. The case was closed on 31 January 2011. (KDJ)

#### **Dave's Exxon, 1703 West Olive Avenue, Fresno**

Gasoline and diesel were discovered in soil during a 1994 investigation and in a nearby domestic well during 1997. Subsequent soil and groundwater investigations found that petroleum hydrocarbons from onsite USTs had migrated to groundwater. About 142,000 pounds of petroleum constituents were removed by soil vapor extraction and air sparging from December 2003 until June 2009. Petroleum constituents were below drinking water standards during the most recent groundwater monitoring event. The case was closed on 24 February 2011. (JDW)

### **Kings County**

#### **K & D Liquor, 10915 Hanford-Armona Road, Hanford**

The responsible party removed two USTs during 1999, and gasoline was detected in soil. Subsequent soil and groundwater investigations found that gasoline had migrated to shallow groundwater. A soil vapor extraction and air sparging system removed about 2,900 pounds of petroleum constituents and 28 pounds of MTBE from late 2007 until late 2008. The most recent groundwater monitoring found that petroleum constituents were below drinking water standards. The case was closed on 19 April 2011. (JDW)

## **REDDING OFFICE**

### **Chevron SS/One Stop Chico, Chico, Butte County**

In November 1996 underground piping and fuel dispensers were removed from the site. Soil and groundwater samples indicated petroleum related impacts to shall groundwater and soils. Approximately 2 inches of free product was observed in a monitoring well. Interim remediation was affective in removing petroleum mass from groundwater. Biodegradation processes have and will continue to reduce petroleum contaminants to negligible levels. As such Redding Office staff concurred with the Discharger's request for no further action. (CES)

### **Stratton's Market, Paradise, Butte County**

Three single walled underground storage tanks were removed from the subject site in 2000. The Discharger submitted a corrective action plan identifying monitored natural attenuation as the most cost effective, least disruptive, and viable remedial alternative. Monitoring has confirmed the plume(s) are not migrating and will further decrease with time without threatening public health or the environment. The monitoring wells were properly destroyed and the case closed in April 2011. (CES)

### **Former Diamond Lands Sawmill No. 5, Red Bluff, Tehama County**

In 1987, the Discharger removed three USTs, two gasoline, and one diesel fuel. Based on identified threats to groundwater, Tehama County Environmental Health Department transferred lead agency status to the Central Valley Water Board. The Discharger subsequently investigated pollution extent and ran a limited groundwater pump-and-treat system. Pollutant extent is limited and will further decrease with time. (EJR)

## **SACRAMENTO OFFICE**

### **Calaveras County**

#### **Zippy Mart, 506 East Highway 12, Valley Springs**

The fuel dispensers and one UST were removed in 2004. Dual phase extraction was performed to remediate the site. Initial contaminant mass released was estimated to be only 9 pounds, and remaining contaminant mass is estimated to be less than 0.05 pounds. Groundwater contaminant levels are estimated to reach water quality objectives in 2 to 4 years. A human health risk assessment performed in 2010 indicated no significant health risk was posed by the residual contamination, and all site monitoring wells were properly decommissioned in February 2011. The site was closed on 21 March 2011. (GTM)

#### **PG&E Angels Camp Service Center, 1108 Murphy's Grade Road, Angels Camp**

The site is a business headquarters and customer service center that operated one Jet A fuel UST and fuel dispenser. The fuel dispenser leaked in 2005 creating a localized soil contamination area that was excavated and the soil disposed of offsite. About 278 cubic yards of contaminated soil were excavated to remediate the site. Initial contaminant mass released was estimated to be 753 pounds, and remaining contaminant mass is estimated to be less than 192 pounds. Groundwater is not affected and is not expected to be affected. A human health risk assessment was performed in 2010 that indicated no significant health risk was posed by the residual contamination. The site was closed on 25 March 2011. (GTM)

### **Placer County**

#### **Sierra Super Stop # 5, 300 South Canyon Way, Colfax**

In October 1997, a waste oil UST was removed, and in December 1998, three gasoline USTs were removed. A combination of excavation, dual phase extraction, and natural attenuation has removed more than 32,000 pounds of petroleum hydrocarbons. Only relatively low hydrocarbon concentrations remain in groundwater, and these concentrations are expected to attenuate below water quality objectives by 2020. The site was closed on 10 March 2011. (PRS)

#### **Rose Liquor and Food, 108 Riverside Avenue, Roseville**

In 1951, five USTs were closed in place. In 1977, two additional USTs were removed, and in May 1986, two more USTs were removed. Over-excavation and natural attenuation removed about two pounds of gasoline, residual concentrations are declining, and they are expected to attenuate below water quality objectives by 2025. The Site was closed on 23 March 2011. (PRS)

### **Sutter County**

#### **East 99 Service Station, 10046 Live Oak Boulevard, Live Oak**

In December 1999 during removals of USTs, petroleum hydrocarbons were observed in soil and free product was found in groundwater. Free product was removed, followed by groundwater extraction from 2005 through mid-2010. About 3,800 pounds of total petroleum hydrocarbons were removed from soil and groundwater. Groundwater monitoring showed a stable and declining trend. After all monitoring wells were properly abandoned and public participation was complete, the case was closed on 8 April 2011. (JLB)

## **Yolo County**

### **CHP Academy - Case No. 3, 3500 Reed Avenue, West Sacramento**

In May 2008, a diesel UST was removed from the site, and an unauthorized release was identified. An estimated 630 pounds of diesel were released and that following excavation and natural attenuation about 60 pounds remains. Sampling data show that all water quality objectives have been met, and there is no threat to human health and safety. The site was closed on 10 March 2011. (GJM)

### **Nor-Cal Beverage, 2286 Stone Boulevard, West Sacramento**

In November 1997, three USTs were removed from the site, and an unauthorized release was identified. Sampling data show that water quality objectives have been met and that residual soil contamination does not pose a threat to human health and safety. The site was closed on 28 February 2010. (DFS)

### **Quik Stop Market #6, 1648 West Capitol Avenue, West Sacramento**

In May 1996, three USTs were removed from the site, and an unauthorized release was identified. It is estimated that less than 33 pounds of TPHg and 0.15 pounds of MtBE remain in soil and 0.1 pounds of MtBE groundwater. Sampling data show that residual concentrations will meet all water quality objectives by 2024 and do not pose a threat to human health. The site was closed on 26 April 2010. (DFS)

## **Local Agency UST Closures with Concurrence of Board Staff**

### **Merced County**

Former Bettencourt Gas Station, 11012 Lander Avenue, Turlock  
D&R Service, 2814 Lander Avenue, Stevenson  
Cuadros Site, 1445 Yale Avenue, Merced

### **Sacramento County**

Kalwani Property, 4600 Power Inn Road, Sacramento  
Former Value Marine Facility, 4421 Auburn Boulevard, Sacramento  
Tower Mart No. 181, 8008 Dutch Haven Boulevard, Elverta, Sacramento  
Former Sam's Club Store No. 4760, 3671 North Freeway Boulevard, Sacramento  
Former city of Sacramento Crime Lab Redevelopment Site, 631 H Street, Sacramento  
Former Exxon Service Station 70203, 7570 Sunrise Boulevard, Citrus Heights  
Chevron Service Station #9-4176, 1601 J Street, Sacramento  
Department of Fish and Game Building, 1807 13th Street, Sacramento  
HR Dunn and Sons Auto, 216 2nd Street, Isleton  
Arco Station #6513, 7969 Walerga Road, Sacramento  
Chevron #9-0081, 3300 Bradshaw Road, Sacramento  
Arco Station #5467, 4101 Manzanita Avenue, Carmichael  
BP #01921, 11079 Folsom Boulevard, Rancho Cordova  
Chevron #20-1925, 1020 Riley Street, Folsom  
Stilson Cleaners, 3519 Broadway, Sacramento  
Geremia Pools, 1327 65th Street, Sacramento  
River City Motel, 4700 Stockton Boulevard, Sacramento  
U.C. Davis Medical Center, 2315 Stockton Boulevard, Sacramento  
Chevron #9-2154, 4700 Florin Road, Sacramento  
Former Chevron #9-0915, 901 10th Street, Sacramento  
AT& Shell Branded Service Station, 8090 Folsom Boulevard, Sacramento  
Shell Branded Service Station, 6490 Mack Road, Sacramento  
Shell Branded Service Station, 1599 West El Camino, Sacramento  
T Facility, 1407 J Street, Sacramento  
Former Shell Service Station, 4301 Marconi Avenue, Sacramento  
Twin Cities Services, 12801 Stockton Boulevard, Galt  
Shell Service Station, 3701 Franklin Boulevard, Sacramento

**San Joaquin County**

Chet's Auto, 545 East Miner Avenue, Stockton

MBP Mossdale Road, 444 West Mossdale Road, Lathrop

Western Oil Spreading, Inc., 19256 North Acampo Road, Acampo

Yamada Brothers, Inc., 15406 South Tracy Boulevard, Tracy

**Tulare County**

K & K Mini Mart, 41591 Road 128, Orosi

Orosi Chevron, 12736 Avenue 416, Orosi

Dinuba Auto Court Market, 6876 Avenue 416, Dinuba

## COMPLIANCE AND ENFORCEMENT

### 1. **Administrative Civil Liability Complaints for Mandatory Minimum Penalties**

On 6 May 2011, the Executive Officer issued the following ACL Complaints for Mandatory Minimum Penalties (MMPs) pursuant to California Water Code section 13385:

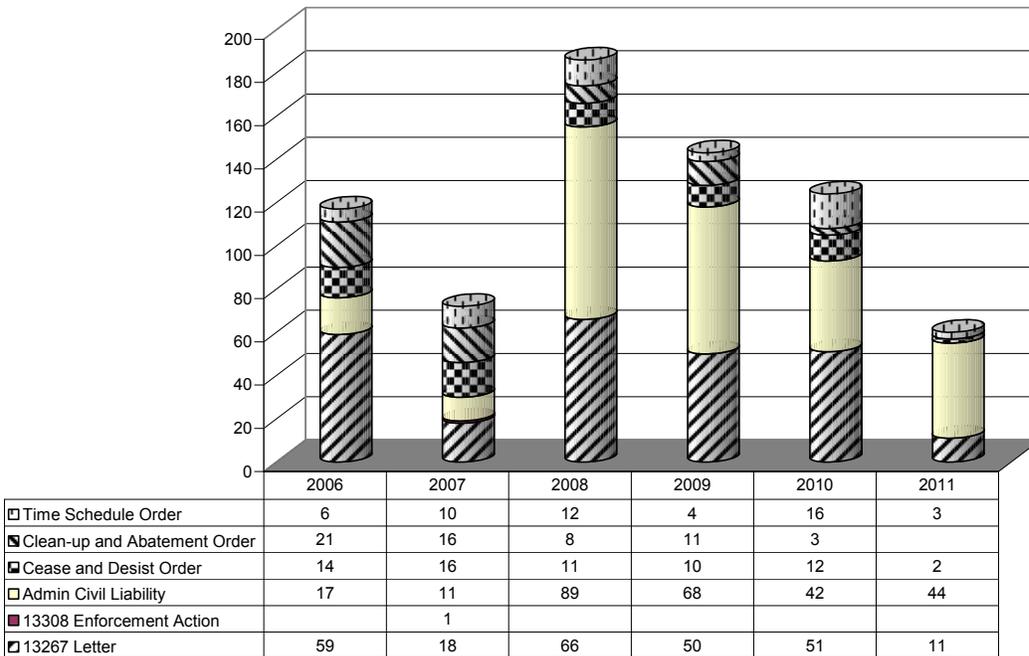
- a) **ACL Complaint R5-2011-0565 was issued to the City of Auburn, Wastewater Treatment Plant, Placer County.** The MMPs were in the amount of \$12,000 for violation of effluent limitations from the City of Auburn Wastewater Treatment Plant for aluminum and chloroform violations that occurred during the period 1 December 2010 through 31 January 2011.
- b) **ACL Complaint R5-2011-0566 was issued to the City of Stockton, Regional Wastewater Control Facility, San Joaquin County.** The MMPs were in the amount of \$63,000 for violation of effluent limitations from the City of Stockton Regional Wastewater Control Facility for ammonia violations that occurred during the period 1 December 2010 through 31 January 2011.
- c) **ACL Complaint R5-2011-0567 was issued to the California Department of Parks and Recreation, Empire Mine State Historic Park, Nevada County.** The MMPs were in the amount of \$120,000 for violation of effluent limitations from the Empire Mine State Historical Park for arsenic, color, dissolved oxygen, iron, manganese, pH, settleable solids, total suspended solids, and turbidity violations that occurred during the period 1 October 2010 through 31 December 2010.
- d) **ACL Complaint R5-2011-0568 was issued to the City of Woodland, Wastewater Treatment Plant, Yolo County.** The MMPs were in the amount of \$15,000 for violation of effluent limitations from the City of Woodland Water Pollution Control Facility for total coliform organisms and selenium violations that occurred during the period 1 October 2010 through 31 March 2011.
- e) **ACL Complaint R5-2011-0569 was issued to the City of Yuba City, Wastewater Treatment Plant, Sutter County.** The MMPs were in the amount of \$9,000 for violation of effluent limitations from the City of Yuba City Wastewater Treatment Plant for settleable solids and total coliform organisms violations that occurred during the period 1 December 2010 through 28 February 2011.
- f) **ACL Complaint R5-2011-0573 was issued to the Nevada County Sanitation District No. 1, Cascade Shores Wastewater Treatment Plant, Nevada County.** The MMPs were in the amount of \$45,000 for violation of effluent limitations from the Cascade Shores Wastewater Treatment Plant for copper and pH total violations that occurred during the period 1 August 2009 through 31 January 2011. Nevada County Sanitation District No. 1, Cascade Shores Wastewater Treatment Plant is a small community with a financial hardship and will be able to offset the penalty by completing a compliance project
- g) **ACL Complaint R5-2011-0574 was issued to the Penny-Newman Grain Company, Hydrostatic Test Project, San Joaquin County.** The MMPs were in the amount of \$3,000 for violation of reporting requirements by the Penny-Newman Grain Company, Hydrostatic Test Project that occurred during the period 30 June 2008 through 2 July 2009.
- h) **ACL Complaint R5-2011-0575 was issued to the California Department of Corrections and Rehabilitation, Deuel Vocational Institution, San Joaquin County.** The MMPs were in the amount of \$21,000 for violation of effluent limitations from the California Department of Corrections and Rehabilitation, Deuel Vocational Institution for electrical conductivity and nitrate-nitrogen violations that occurred during the period of 1 September 2010 through 28 February 2011.
- i) **ACL Complaint R5-2011-0576 was issued to the Town of Discovery Bay Community Services District, Discovery Bay Wastewater Treatment Plant, Contra Costa County**  
The MMPs were in the amount of \$15,000 for violation of effluent limitations from the Town of Discovery Bay Community Services District, Discovery Bay Wastewater Treatment Plant for electrical conductivity and total coliform organism violations that occurred during the period of 1 September 2009 through 28 February 2011.

- j) **ACL Complaint R5-2011-0577 was issued to the San Juan Water District, Water Distribution Maintenance, Placer County.** The MMPs were in the amount of \$3,000 for violation of reporting requirements by the San Juan Water District that occurred from 1 June 2008 through 28 June 2009.
2. **Administrative Civil Liability, R5-2011-0570, City of Redding, Stillwater Wastewater Treatment Facility, Shasta County.** In May 2011 the Assistant Executive Officer issued an Administrative Civil Liability complaint to the City of Redding for discharge violations from its Stillwater Wastewater Treatment Plant for \$72,000. The penalty was for the discharge of elevated levels of residual chlorine to the Sacramento River. The discharge of approximately 67,250 gallons of treated wastewater contained residual chlorine at concentrations as much as 66 times greater than the limit set by the City's NPDES permit. Elevated levels of residual chlorine are toxic to fish and other aquatic life. (GDD)
  3. **Enforcement, 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. The Office of Chief Council is currently evaluating further enforcement action.
  4. **Civil Liability Complaints Issued**  
On 5 May 2011, the Executive Officer issued \$241,500 in Administrative Civil Liability complaints to the owners and operators of twenty dairy facilities for failure to submit one or more required reports. The required reports include annual reports, waste management plans, and groundwater monitoring well installation and sampling plans required by the General Order for Existing Milk Cow Dairies. The complaints are scheduled to be heard by a panel of Central Valley Regional Water Quality Control Board members at public hearings scheduled for 14 and 15 July 2011 in Fresno for dairies in the southern part of the region (Madera County and south) and 19 and 20 July in Rancho Cordova for dairies in the northern part of the region (Merced County and north). The panel of Board members will present recommendations for consideration by a quorum of Board Members during a hearing at a later regular public meeting of the Central Valley Regional Water Quality Control Board. (DKP)
  5. **Discharge of Partially-Treated Effluent, City of Redding Clear Creek Wastewater Treatment Plant, Shasta County.** Between 23 March 2011 and 3 April 2011 the City of Redding's Clear Creek Wastewater Treatment Plant discharged approximately 195 million gallons of partially-treated effluent (advanced-secondary filters were bypassed) to the Sacramento River during a high influent flow event. The effluent discharge exceeded chlorine residual, BOD5, and total suspended solids effluent limitations on a number of days during the bypass event. This incident is being referred to the Executive Officer for consideration of further enforcement action. SSG
  6. **Discharge of Partially-Treated Effluent, City of Redding Stillwater Wastewater Treatment Plant, Shasta County.** Between 26 March 2011 and 28 March 2011 the City of Redding's Stillwater Wastewater Treatment Plant discharged approximately 23.9 million gallons of partially-treated effluent (advanced-secondary filters were bypassed) to the Sacramento River during a high influent flow event. During the bypass event all discharge effluent limitations were met. This incident is being referred to the Executive Officer for consideration of further enforcement action. SSG

## Enforcement Update

The Central Valley Water Board oversees approximately 40,000 individual dischargers or facilities, which are covered by various permitting measures via our ten major (core and non core) regulatory programs. The following graphs are based on information contained in CIWQS, tracking our core regulatory programs<sup>1</sup> through 1 May 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.

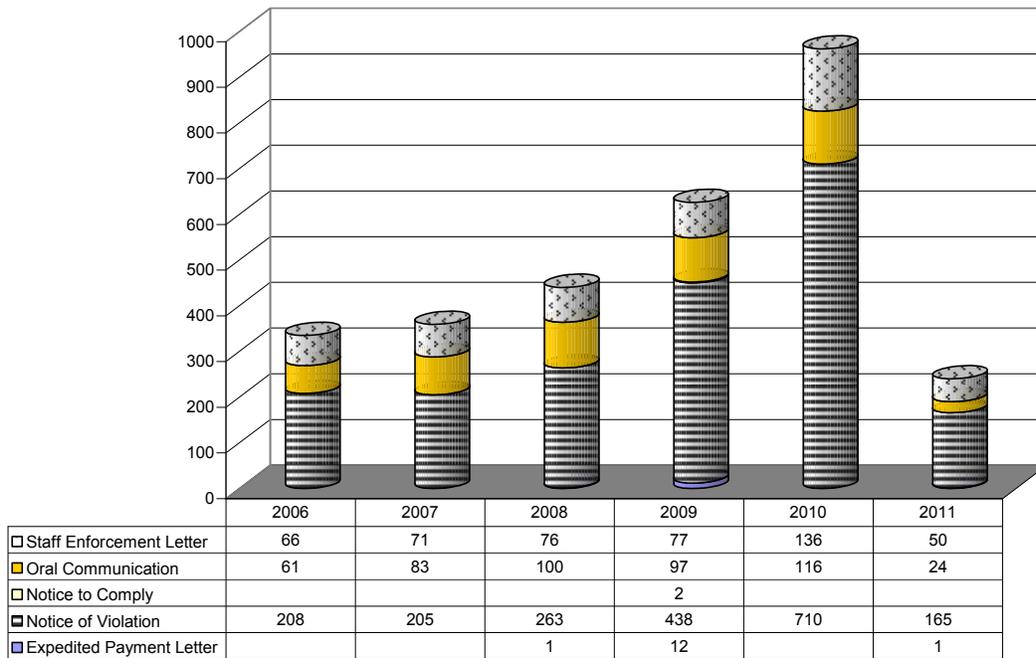
**Formal Enforcement Actions per Calendar Year  
(As of 1 May 2011)**



- In 2008 we reorganized and refocused our enforcement efforts. Our first goal was to eliminate the backlog of Mandatory Minimum Penalty (MMP) violations that had accumulated since 2000. The effort was successful and the backlog was eliminated. Currently, the Central Valley Water Board staff process MMPs within 18 months of discovery which is in compliance with the Water Boards Enforcement Policy.
- In 2009 Central Valley Water Board lost 11.4 positions and in 2010 we lost 10.6 positions due to the state fiscal crises. However, despite these staff reductions, we continue to balance our efforts between formal and informal enforcement actions and maintain a balanced regulatory presence.

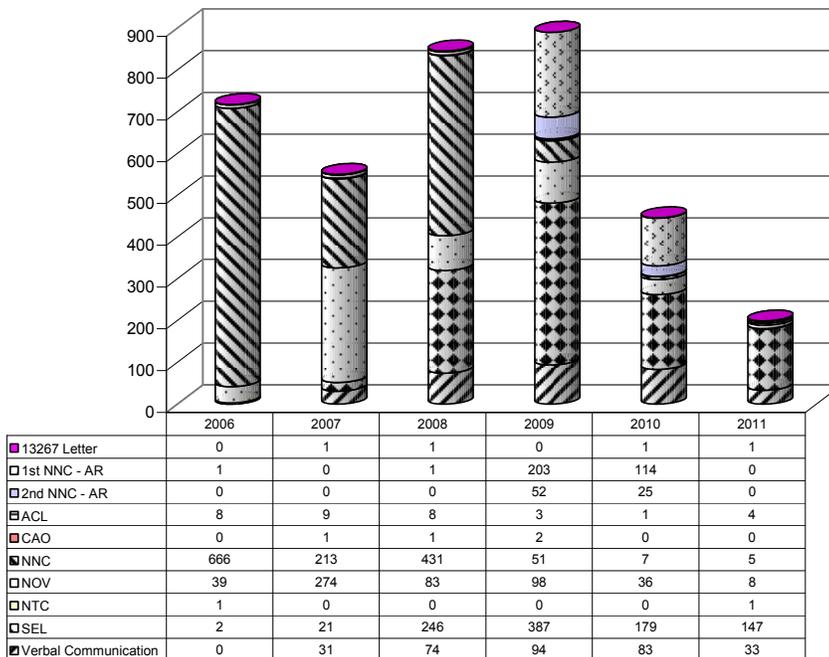
<sup>1</sup> The five core regulatory programs are: NPDES Wastewater, NPDES Stormwater, Wetlands and 401 Certification, Non 15 Waste Discharge Requirements, Title 27 Land Disposal. The construction and industrial components of the NPDES Stormwater program are now tracked in SMARTS module.

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



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 May 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 Environmental Protection Agency  
STATE WATER RESOURCES CONTROL BOARD  
California Integrated Water Quality System Project (CIWQS)  
ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION

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

[VIEW PRINTER FRIENDLY VERSION](#) | [EXPORT THIS REPORT TO EXCEL](#)

SEARCH CRITERIA: [REFINE SEARCH](#)  
Status (Active, Historical, Withdrawn) Occurred on or after 01/01/2011 Occurred on or before 04/30/2011

RB OFFICE	13267	1st_NINC	2nd_NINC	ACL	CAO	CDO	EPL	NINC	NOV	NTC	SEL	SETCO	STP	TPA	TSO	UNK	VER	TOTAL*
1	2	0	0	7	5	0	2	0	3	1	1	1	0	0	0	1	0	23
2	0	0	0	6	0	1	7	0	23	0	2	0	0	1	0	3	12	55
3	0	0	0	1	0	0	7	0	1	0	0	0	0	0	0	0	0	10
4	14	0	0	3	0	0	39	0	142	4	12	0	1	0	2	206	3	426
5F	11	0	0	12	0	0	0	0	16	0	20	0	0	0	3	0	15	77
5R	2	0	0	6	0	0	1	0	9	0	14	0	0	0	0	1	18	53
5S	0	0	0	45	0	2	0	5	149	0	21	0	0	0	0	0	25	247
6I	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	13
6V	4	0	0	0	2	1	1	0	17	0	2	0	0	0	0	1	27	55
7	0	0	0	10	1	1	0	0	1	0	15	0	0	0	0	0	0	28
8	0	2	1	0	0	0	1	66	7	0	8	0	0	0	0	1	36	122
9	1	0	0	7	0	0	1	2	4	0	33	0	0	0	1	1	0	50
STATEWIDE*	34	2	1	100	8	5	69	73	372	5	134	1	1	1	6	214	143	1,159

**ENFORCEMENT ACTION LOOKUP:**

13267 = 13267 Letter	1st_NINC = 1st Annual Report Notice of Non-Compliance	2nd_NINC = 2nd Annual Report Notice Noncomp
ACL = Admin Civil Liability	CAO = Clean-up and Abatement Order	CDO = Cease and Desist Order
EPL = Expedited Payment Letter	NINC = Notice of Stormwater Noncomp	NOV = Notice of Violation
NTC = 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 part of 2011.

### Enforcement Prioritization

In concordance with the new Enforcement Policy, Regional Water Board is implementing 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 an [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.

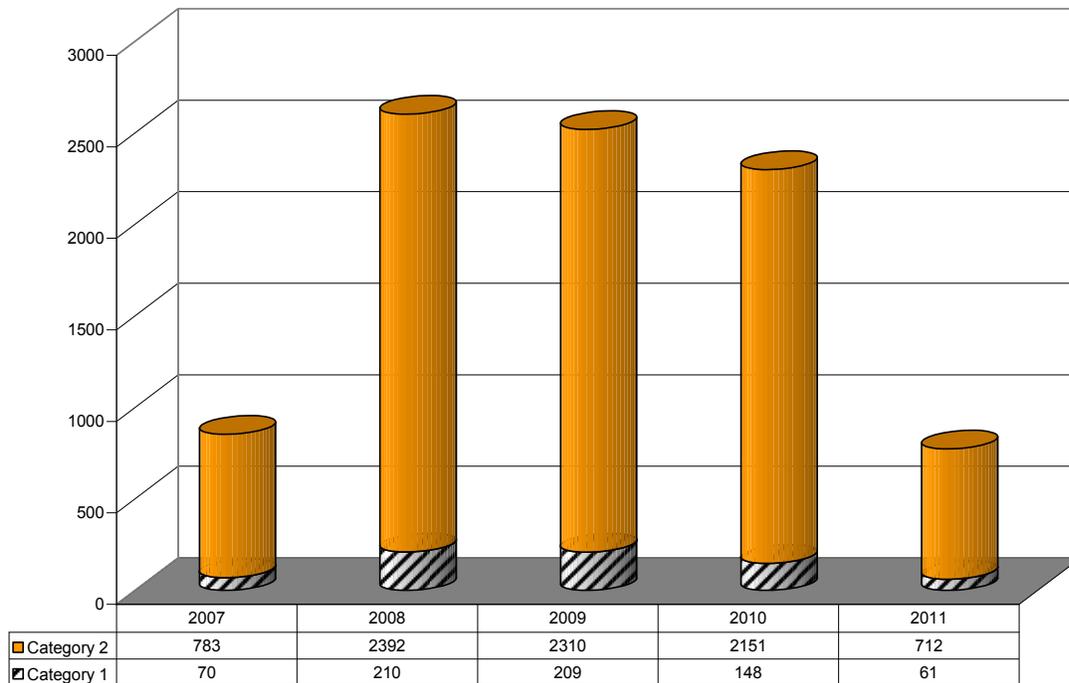
## SANITARY SEWER OVERFLOWS

### SANITARY SEWER OVERFLOWS (SSOs) January – March 2011

Starting this edition of the Executive Officer’s Report we are restructuring this section of the report to provide a comprehensive picture of the status of sanitary sewer spills in our region. Calendar year summaries of SSOs for 2007 to 2010 are depicted in the following graph. A more detailed report of the sewage spills occurring during January to March 2011 reported and certified by May 1, 2011 is included in Attachment A to the EO Report. A summary of a number of significant incidents during the first quarter of 2011 also follows.

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/sso/index.shtml](http://www.waterboards.ca.gov/water_issues/programs/sso/index.shtml)

**SSOs by Category and Calendar Year**



**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.

The following summary outlines spills greater than 50,000 gallons that occurred in the first quarter 2011.

#### **Spill, Jamestown Sanitary District WWTP**

The discharger reported a spill of approximately 380,800 gallons. During the validation discussions with the discharger, staff determined that the incident was a case of treatment plant effluent pond overflow of treated and disinfected effluent, not a raw sewage spill from the collection system. Staff is evaluating appropriate enforcement actions based on the conditions of the individual WDRs issued for the facility.

**Raw Sewage Spill, Groveland Community Services District WWTF**

Between 1 and 30 March 2011, an estimated 98,000 gallons of raw sewage spilled from a sanitary sewer manhole in the Big Oat Flat community and ran to the adjacent Rattlesnake Creek, a tributary to Lake Don Pedro (Tuolumne County). The cause of the spill was root blockage and grocery bags trapped in the collection pipeline. The District removed the blockage upon discovery (resident complaint), removed the affected soil, and disinfected the area. Elevated fecal coliform was detected in the creek for several days after the spill; however, the impact to the creek and the lake is unknown at this time. Staff is evaluating appropriate enforcement actions.

**Raw Sewage Spill, Sacramento Area Sewer District**

On 11 January 2011, an estimated 73,580 gallons of raw sewage spilled from a sanitary sewer manhole and discharged to the adjacent Verde Cruz Creek. The cause of the spill was root intrusion in the main collection pipeline. The District removed the blockage, cleaned up, performed a televised inspection of the line, and identified 12 additional mainlines in the area that may be at risk of significant root intrusion. Maintenance schedules will be added, as needed, to prevent a root blockage in those lines. The District collected water quality samples from the receiving water, results are pending. Staff is evaluating appropriate enforcement actions.

**Raw Sewage Spill, Stockton City MUD**

Between 18 and 21 March 2011, an estimated 64,800 gallons of raw sewage spilled from three sanitary sewer manholes and discharged to the adjacent Duck Creek. The cause of the spill was grease deposition in the main collection pipeline. The District removed the blockage, and cleaned up the pipe. The District collected water quality samples from the receiving water, results are pending. Staff is evaluating appropriate enforcement actions.

**Raw Sewage Spill, Tuolumne Utilities District**

On 17 April 2011, an estimated 52,500 gallons of raw sewage spilled from the collection system to an adjacent channel. The cause of the spill was pipe structural failure due to a cast iron pipe that rotted out. The District recovered approximately 4,900 gallons of sewage, cleaned up the area affected by the spill and repaired the sewer line. Staff is evaluating appropriate enforcement actions.

**Raw Sewage Spill, United States Department of Interior Bureau of Reclamation Sacramento**

On 1 January 2011, an estimated 100,000 gallons of raw sewage spilled to an area adjacent to Glory Hole Recreation Area Pump Station #7. The spill was contained, soaked into the ground and did not reach surface waters. The cause of the spill was pump station failure. The agency repaired the lift station pumps and power source breakers. Staff is evaluating appropriate enforcement actions.

## TMDL BASIN PLANNING

### 1. **Drinking Water Policy Update**

On 29 July 2010, our Board adopted Resolution R5-2010-0079 to reiterate its support of development of the Drinking Water Policy and to provide direction for staff as well as the Drinking Water Policy Workgroup. The Resolution directed staff to complete the Proposition 50 grant and to develop an outline of what should be in the Policy with a work plan by 29 July 2011. Since adoption of the Resolution, staff has worked with the Workgroup to reinstate the Proposition 50 grant. The grant funded activities have been completed, but there are questions about the appropriate use of the results. In order to work with the Workgroup to address questions regarding the grant results and to develop a Workgroup final report, staff will bring the outline and work plan to the Board during the October Board meeting. (SYM)

### 2. **Dissolved Oxygen TMDL Implementation**

The long-awaited funding for completion of downstream studies has now been identified and is in place. The Department of Fish and Game is managing a contract through the Ecosystem Restoration Program with UOP. UOP researchers continue to update WARMF and modify linkages with Link-Node. (CMJ)

## **SALINITY AND CV SALTS**

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

During March, April, and May, 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 June 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 is currently evaluating completeness of three major studies conducted in the Sacramento, San Joaquin and Tulare Basins; the Best Management Practices Committees continues to develop its screening tool for effective management practices; and a request for qualifications is anticipated for release by the end of May for both a Technical Management Team to insure technical information needed to support the initiative are completed on time and on budget, as well as consultants to actually complete the technical work.

The Lower San Joaquin River Committee is continuing its work on developing salinity objectives upstream of Vernalis and has recently been reviewing the most recent State Water Resources Control Board public scoping document focused on southern Delta salinity and San Joaquin River flow objectives and the program of implementation for those objectives. Both efforts must remain closely integrated for reasonable management of the San Joaquin River Basin.

#### **CV-SALTS Meeting Participation**

On 17 March, Pamela Creedon, Jeanne Chilcott, and Jim Martin attended the CV-SALTS Executive Committee meeting to continue discussions on stakeholder priorities and develop a schedule to insure annual initiative milestones for 2011 can be met.

On 18 March, Jeanne Chilcott met with stakeholder representatives from CV-SALTS to begin drafting a request for proposal for a technical team to manage upcoming projects that will support the development of a Central Valley Salt and Nitrate Management Plan.

On 24 March, Jeanne Chilcott, Pam Buford, and Jim Martin participated in the CV-SALTS Lower San Joaquin River Committee meeting to discuss: the current salt/boron TMDL; elements needed for a workplan to develop salinity objectives upstream of Vernalis; and draft language for a request for proposal to review salinity and nitrate criteria for aquatic life and livestock.

On 6 April, Jeanne Chilcott and Jim Martin participated in the CV-SALTS Knowledge Gained Subcommittee meeting to review draft language attempting to standardize salt source studies.

On 6 April, Jeanne Chilcott and Pam Buford participated in the CV-SALTS Technical Committee meeting to review the Request for Proposal for salt and nitrate water quality criteria review for aquatic life and stock watering that had been drafted by the Lower San Joaquin River Committee.

On 8 April, Jeanne Chilcott participated in a CV-SALTS Technical Committee meeting to initiate drafting language for a Request for Qualifications for a Technical Program Manager.

On 8 April, Jeanne Chilcott and Jim Martin participated in a CV-SALTS Best Management Practices Subcommittee meeting to discuss continued development of a screening tool for identifying practices that are known to reduce salt and/or nitrate concentrations and loads.

On 12 April, Jeanne Chilcott, Pam Buford, and Jim Martin participated in a CV-SALTS Executive Committee meeting to discuss policy issues surrounding potential refinement of municipal/domestic supply beneficial use designations in water bodies within the Central Valley.

On 13 April, Jim Martin participated in a CV-SALTS Knowledge Gained Subcommittee meeting to continue developing guidance for salinity source studies.

On 20 April, Clay Rodgers, Pam Buford and Jeanne Chilcott met with Mike Nordstrom of Tulare Lake Drainage District to discuss the District's recent studies documenting salinity concentrations in the perched groundwater table within the Tulare Lake Bed groundwater basin. The District is evaluating the potential data needs associated with supporting a basin plan amendment to refine beneficial uses within the distinct, perched portion of the groundwater basin.

On 22 April, Jeanne Chilcott, Pam Buford and Jim Martin participated in a CV-SALTS Executive Committee meeting to finalize the Request for Proposal for salt/nitrate criteria review and other administrative actions.

On 28 April, Jim Martin participated in the CV-SALTS Lower San Joaquin River Committee meeting which reviewed the latest State Water Resources Control Board project scope for southern Delta salinity and flow objectives.

On May 2, Jim Martin participated in the CV-SALTS Best Management Practices Subcommittee meeting to discuss a draft best management practices evaluation guidance document and continued development of a screening tool for identifying practices to reduce salt and/or nitrate concentrations and loads.

On 9 May, Jeanne Chilcott and Pam Buford participated in a CV-SALTS Technical Committee meeting to draft final language for a request for qualifications for a technical program manager.

On 12 May, Pamela Creedon, Jeanne Chilcott, 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.

## DAIRIES

### Dairy Digesters

1. **Economic Feasibility of Dairy Manure Digester and Co-Digester Facilities in the Central Valley of California.** In May 2011, Environmental Science Associates (ESA) completed a report examining the feasibility of constructing and operating dairy manure digesters and co-digesters in the Central Valley of California under 2010 conditions. The report examines conditions currently affecting investment in dairy digesters. A Technical Advisory Group (TAG), helped guide the effort by providing written comments during the development of the document and during four TAG meetings (SJK)

## NPDES PERMIT

1. On 2 May, the Executive Officer issued Order R5-2011-0903 amending Time Schedule Order R5-2008-0009 for the Fox Road Petroleum Release Site Groundwater Remediation System. The Discharger operates a groundwater treatment facility to treat groundwater contaminated with petroleum hydrocarbons, including methyl tertiary butyl ether (MTBE). The Facility is designed to remove petroleum hydrocarbons from groundwater, not iron and manganese. The groundwater extraction and treatment system was shut down on 17 December 2008 due to elevated concentrations of iron and manganese causing violations of iron and manganese effluent limitations in the existing NPDES permit. Recent groundwater monitoring results indicated that the Discharger was losing containment of the MTBE plume. The extended compliance schedule in the TSO was necessary to allow the Discharger to continue to operate the Groundwater Remediation System to capture the MTBE plume and halt the migration.

## DELTA ACTIVITIES

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

The 2011 Pulse of the Delta was released electronically on 15 March, and has been well received. Hardcopies are currently being produced and are expected to be available by the end of May. Hardcopies will be provided to interested parties upon request and at related conferences and workshops. The RMP Planning team continues to coordinate with State Board staff and internal staff from other programs as well as EPA and other stakeholders to address data management issues. Particular topics of discussion are data submittal, storage, and availability, as well as monitoring design and efficiency. (MES)

### 2. **Toxicity**

Two of three UC contracts (sediment TIE tool development and American River pyrethroid toxicity) mentioned in previous EO Reports will be wrapping up in upcoming months and draft reports will soon be distributed for peer review. The third contract on pesticide toxicity has been extended and will conclude next year. Contracts for three additional studies (blue-green algae in the Delta and Clear Lake, pesticide toxicity, and Cache Slough pyrethroid) have been executed and work will begin shortly. (SF)

### 3. **Ammonia**

UC Davis researchers have completed their draft final report on ammonia toxicity to *Pseudodiaptomus forbesi* and the comment period is now closed. Final revisions will be made and distributed to the Contaminants Work Team. Staff met with Region 2 staff and US EPA staff to discuss Delta ammonia and nutrient issues in reference to EPA's Advance Notice of Proposed Rule making. We will continue to work cooperatively to further efforts on nutrients and ammonia. Staff is also coordinating with Southern California Coastal Water Research Project staff and Region 2 RMP staff in the development of Nutrient Numeric Criteria and the San Francisco Bay Nutrient Strategy. (SF)

### 4. **Delta Stewardship Council**

The second draft Delta Plan was released and staff provided comments on 15 April. The third draft Delta Plan has been released 22 April and includes changes to the water quality policies and recommendations section (Chapter 6), but requires clarification. Staff continues to monitor progress and comment as necessary. (SF)

## GRANTS

1. **Proposition 84, Department of Water Resources, Integrated Regional Water Management (IRWM) Region Acceptance Process (RAP).** The Department of Water Resources (DWR) solicited applications for the second round of RAP applications. DWR requested Regional Water Board participation in the RAP review process to insure that applicants have addressed water quality issues consistent with Water Quality Control Plans (Basin Plans). The RAP process includes: submittal of written materials and maps by the applicants; staff (technical and group) reviews of RAP application materials; and an interview with the RAP applicants selected representatives.

Within Region 5 there was one new IRWM region that submitted a RAP application and four IRWM groups that submitted applications to satisfy the requirements of their previous conditional RAP approval. Staff participated in technical review and interview of the new IRWM region's RAP application. Final RAP decision is expected to be announced by DWR in July 2011. Staff will continue to remain engaged with these IRWM regions and DWR throughout this process and through future planning and implementation. (PDB)

2. **Stormwater Flood Management Grants (Prop 1E), Department of Water Resources.** Staff provided assistance to DWR by reviewing grant applications for the first round of Stormwater Flood Management grants under the Disaster Preparedness and Flood Prevention Bond Act of 2006 (Proposition 1E). Staff reviewed a total of 11 grant applications, six projects in the Sacramento River Basin, three projects in the San Joaquin River Basin, and two in the Tulare Lake Basin. Staff reviewed applications for consistency with applicable Water Quality Control Plans (Basin Plans). Grant applications are now being reviewed by DWR management. Initial funding recommendations are anticipated in July 2011. (PDB)

## SPILLS AND LEAKS

### 1. **Former Sunland Oil Refinery, Bakersfield, Kern County**

The former Sunland Oil Refinery (World Oil) operated from 1923 through 1995, on approximately 200 acres, refining crude oil into numerous fuel products including gasoline, diesel, kerosene, and jet fuel. Operations released petroleum hydrocarbons to soil and groundwater underlying the Site. Investigations began in 1996 and to date have determined that dissolved hydrocarbons in groundwater have migrated off-site to the west/northwest at least 4,000 feet. Investigation and remediation efforts include the installation of 128 groundwater monitoring and remediation wells. Remediation efforts began in 1996 and have included air sparging, high capacity soil vapor extraction, and free product removal.

In 2008-2009, groundwater levels declined to the lowest levels since monitoring began in 1996. As a result, World Oil proactively installed eight deeper soil vapor extraction/groundwater monitoring wells to more effectively address the dynamic conditions at the Site. Through November 2010, over 10,000,000 pounds of hydrocarbons, including 61,200 pounds of Methyl Tertiary Butyl Ether, have been extracted and treated. In addition, over 18,000 gallons of liquid phase hydrocarbons have been removed.

During 2010, numerous attempts to access private property downgradient to further assess the extent of impacts to groundwater were rejected by the property owner. A Water Code Section 13267 Order was issued to the property owner who then signed an access agreement. Additional off-site subsurface investigations took place in March 2011, the results of which are pending. (DLC)

### 2. **Foster Farms, LLC – Lincoln Ranches 3 & 4, Livingston, Merced County**

Past operations and practices at the subject facility resulted in the release of petroleum hydrocarbon products that degraded underlying soil and groundwater. Foster Farms' most recent report details the previously approved remediation activities that occurred at the site. After reviewing the report, staff concurred with its conclusion that the remedial activities appear to have been successful in removing the source material from affected soil, and that additional investigation is required to assess the extent of petroleum hydrocarbon degradation in groundwater. Staff has requested a work plan for groundwater investigation at the site. (AM)

### 3. **Soil Vapor Extraction System, Kern Oil and Refining Company, Bakersfield**

Since February 2009, Kern Oil has been operating a soil vapor extraction (SVE) system with a 500 scfm blower and a thermal oxidizer unit at the Gasoline Tank Farm and the South Tank Farm. The most recent progress report indicated that between 1 January and 31 March 2011, approximately 78,000 pounds of petroleum hydrocarbons were removed. Kern Oil is planning to expand the SVE system to the Track Tank Farm area. Although Kern Oil has been monitoring groundwater conditions since the late 1980s, the petroleum hydrocarbon impact to groundwater has not improved significantly. The three aboveground tank farms mentioned above are the main sources of groundwater degradation. Staff believes that the subject SVE system will effectively accelerate soil and groundwater remediation processes at the site. (JYH)

## LAND DISCHARGE AND DISPOSAL

### 1. **Compost Solutions Inc., Orland, Glenn County**

Compost Solutions Incorporated has applied for an amendment to their Conditional User Permit to allow an increase in the annual tonnage limit at their existing green waste composting facility from 30,000 tons to 50,000 tons, including between 1,500 and 15,000 tons of biosolid composting. On 17 March 2011, Greg Cash and Katie Bowman met with Glenn County Planning and Public Works Agency, CalRecycle, and Compost Solutions Inc. to discuss the proposed changes in facility operations. Compost Solutions Inc. currently operates a green waste compost facility under Waste Discharge Requirements Order No. R5-2007-0088, adopted on 22 June 2007. Compost Solutions Inc. may be the first facility in Northern California to produce high quality composted biosolids. The Central Valley Regional Water Quality Control Board has not yet received an Application/Report of Waste Discharge for the proposed changes in operation.

### 2. **Onsite Waste Water Treatment Systems (OWTS)**

On Monday, May 2, 2011, Greg Cash attended the OWTS Policy Scoping Document meeting at the Cal-EPA Building. This was the first meeting of the SWRCB and the public regarding the OWTS proposed policy. Mr. Cash will represent Region 5 at all policy meetings regarding the OWTS proposed policy. This OWTS proposed policy is required by law (Assembly Bill AB885) and will set the State Policy regarding OWTS within California. AB885 was signed into law in September 2000, and directed the SWRCB to promulgate a statewide regulation by year 2004. Due to the overwhelming public non-support for the regulation, the project has been on hold since 2008. The tentative schedule for the Draft OWTS Policy includes a Draft release of the policy to the public in September 2011, followed by several public workshops, with a scheduled adoption of the policy by the SWRCB in March of 2012. (GDC)

## **IRRIGATED LANDS REGULATORY PROGRAM (ILRP)**

### **Compliance & Outreach - Exemption Claim Inspections**

In March and April 2011, Central Valley Water Board staff completed 24 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 23 inspections were exempt from regulatory coverage under the current ILRP. The outcome of one inspection is pending further investigation. (BLS)

### **Compliance & Outreach – Postcards**

In March ILRP staff mailed 126 postcards to non-participating landowners in Sutter County. In April ILRP staff mailed an additional 106 postcards to landowners in Sutter County. (WO)

### **Enforcement**

#### **California Water Code section 13267 Orders & Notices of Violation**

In March the Executive Officer issued 70 CWC §13267 Orders to potential owners of irrigated lands in Stanislaus County. These Orders were issued to landowners who first received an outreach postcard and subsequently did not respond.

Additionally in March, the Executive Officer issued 16 CWC §13267 Orders to dischargers who were dropped from the Westside San Joaquin River Watershed Coalition's 2010 membership list. The goal of this mail out was to obtain information as to why these dischargers failed to maintain their regulatory coverage and bring those in need of coverage back into compliance.

### **Coalition Groups**

#### **California Rice Commission (CRC)**

Staff completed a review of the CRC 2010 Annual Monitoring Report, which is posted on the ILRP website.

On 26 April, the Executive Officer approved the management practices for the 2011 season for the Rice Pesticides Program. On 25 April the City of Sacramento and West Sacramento began monitoring at their water intakes for thiobencarb. Weather delayed application of thiobencarb; therefore, the CRC began monitoring at their sites 12 May. (MW)

#### **Goose Lake Coalition**

On 27 February, Central Valley Water Board staff received the Goose Lake Coalition's 2010 Annual Monitoring Report (AMR) according to the coalition MRP Order. Staff has reviewed the AMR and determined it to be complete. Pre-irrigation sampling in Goose Lake began in late April and will continue throughout the irrigation season. Goose Lake Coalition will conduct macroinvertebrate sampling in late June this year. (BL)

#### **Sacramento Valley Water Quality Coalition (SVWQC)**

On 16 March, Joe Karkoski met with the SVWQC and their subwatershed leads to discuss the long-term irrigated lands regulatory program.

On 15 April the SVWQC submitted its Annual Management Plan Progress Report. Staff review of this report is scheduled to begin in May.

On 29 April staff mailed a letter to the SVWQC approving the removal of Management Plan Requirements for Freshwater Creek in Glenn County. This water body had been included in the Management Plan due to a reporting error by the Coalition. (MC)

## **San Joaquin County and Delta Water Quality Coalition (SJCDWQC)**

On 16 March, staff submitted its review of the SJCDWQC 1 March 2011 Annual Monitoring Report to the Coalition. The review is posted on the Central Valley Water Board website.

On 1 April, the Coalition submitted its 2011 Management Plan Update Report. The MPUR is under Staff review and will be posted on the Central Valley Water Board website.

On 3 May, staff held the 11th quarterly meeting with the Coalition to discuss progress of implementing the Coalition's Management Plan and chlorpyrifos discharges in the Duck Creek site subwatershed. (CJ)

## **East San Joaquin Water Quality Coalition (ESJWQC)**

On 28 March, Staff held a 2<sup>nd</sup> SJR TMDL meeting with the East San Joaquin and Westside Coalitions. The purpose of the meeting was to discuss Staff's review of the Annual SJR Chlorpyrifos-Diazinon TMDL Report (Annual SJR C-D TMDL Report) submitted by the two Coalitions on 31 October 2010 and to determine next steps. Staff gave a brief description of the Basin Plan requirements to comply with the water quality objectives and load allocations. After a discussion of potential alternatives on how to approach compliance aspects in the next Annual SJR C-D TMDL Report, the Coalitions agreed to follow up with a proposal that will include a proposed reporting and monitoring schedule and report structure.

On 1 April, the ESJWQC submitted their 2011 Annual Management Plan Update Report as required by MRP Order R5-2008-0005 and the Management Plan approved by the Central Valley Water Board Executive Officer on 25 November 2008. Staff is reviewing the report and preparing comments.

On 11 April, Susan Fregien, Dania Huggins, and Joe Karkoski attended the ESJWQC monthly board meeting in Modesto. Some of the attendees included representatives from: Madera and Merced County Farm Bureau; almond and grape growers; and Merced, Modesto, Oakdale, and Turlock irrigation districts. Joe Karkoski provided a brief summary of the outcome of the 7 April Board Hearing of the Long Term Irrigated Lands Regulatory Program EIR and considerations brought up for resolution.

On 27 April, Staff mailed a review to the ESJWQC for the Coalition's 2011 Annual Monitoring Report submitted on 1 March. The Coalition complied with the majority of MRP Order monitoring and reporting requirements. Staff contacted the Coalition about three chlorpyrifos exceedances that occurred in Deadman's Creek during the 2010 monitoring period and discussed follow-up actions.

On 29 April, the Westside and Eastside Coalitions submitted a draft proposal that included a proposed: (1) time period for the reporting period and submittal of the Annual SJR C-D TMDL Report; (2) a joint Coalition submittal of the Annual SJR C-D TMDL Report; and (3) monitoring strategy to comply with WQOs and load allocations.

On 3 May, Staff met with the ESJWQC during the 11th quarterly Management Plan meeting. The purpose of the meeting was to discuss exceedances reported in the 2011 AMR report, Staff questions on 2011 Annual MPUR, and the status of Management Plan performance goals. The Coalition is currently implementing and meeting Performance Goals for the first, second, and third set of priority areas (2008 – 2010, 2010 – 2012, and 2011 - 2013 respectively). The Coalition has completed management plan implementation and evaluation for the first set of high priority site subwatersheds. The same level of completion is expected to be reached in April 2012 for the second set of high priority site subwatersheds.

On 3 May, Staff held the 3<sup>rd</sup> SJR TMDL meeting with the Eastside and Westside Coalitions. The purpose of the meeting was to discuss the Coalitions' proposed monitoring and reporting strategy for the next Annual SJR Chlorpyrifos and Diazinon TMDL Report. This draft proposal submitted on 29 April included a proposed: (1) reporting schedule of May 1st, 2012 for the next TMDL report, (2) quarterly and monthly monitoring schedule for the different compliance sites, and (3) a single joint annual TMDL report. As part of the outcome of the meeting, TMDL and ILRP Staff will meet internally to evaluate whether the Coalitions' proposal meets the TMDL requirements. Additionally, Coalitions agreed to submit a description of the process that they would follow if WQOs and load allocation exceedances occur. (DLH)

## **Westside Coalition**

On 14 March, the Coalition submitted an addendum to their November 2010 SAMR that summarizes laboratory QC results, discusses tests that did not meet QC objectives and any potential effects on data validity. The addendum met reporting requirements.

On 15 March, the Coalition submitted a preliminary Performance Goals Report for their Focused Management Plan II. Staff will provide comments to the Coalition as guidance to be used in preparing the final report due on 15 June.

On 29-30 March, the Coalition provided a field tour for staff to visit the Westside's monitoring sites, see examples of BMP projects, and learn about irrigation and water management strategies. Representatives from the Coalition and from the participating water districts discussed the opportunities and challenges that exist for improving and protecting water quality.

On 4 May, ILRP staff and the Westside Coalition held the second 2010 Quarterly Meeting to discuss Management Plans and Focused Management Plans. Meeting topics included: a status update on grower surveys, completion of BMP Performance Goals and a Schedule for the 2<sup>nd</sup> focused management plan, and development of the 3<sup>rd</sup> focused management plan. (SF)

### **Water Districts with Regulatory Coverage under the Individual Conditional Waiver Order**

#### **Merced Irrigation District**

On 24 March staff sent the Merced Irrigation District its review of their 2010 Annual Monitoring Report.

On 2 May the Merced Irrigation District filed a Notice of Termination as an Individual Discharger in the ILRP and submitted an application to join the East San Joaquin Water Quality Coalition. Staff is preparing a response. (MW)

#### **Modesto Irrigation District**

On 16 March ILRP staff sent the Modesto Irrigation District its review of their 2010 Annual Monitoring Report.

On 2 May the Modesto Irrigation District filed a Notice of Termination as an Individual Discharge in the ILRP and submitted an application to join the East San Joaquin Water Quality Coalition. (MW)

#### **Oakdale Irrigation District**

On 21 April, staff submitted its review of the Oakdale Irrigation District 1 March 2011 Annual Monitoring Report to the District. The review will be posted on the Central Valley Water Board website.

On 2 May, the Oakdale Irrigation District notified the Central Valley Water Board that it plans to terminate its Individual Conditional Waiver of Waste Discharge Requirements and subsequently submit an application to join the East San Joaquin Water Quality Coalition. (CJ)

#### **South San Joaquin Irrigation District**

On 26 April, staff submitted its review of the South San Joaquin Irrigation District 1 March 2011 Annual Monitoring Report to the District. The review will be posted on the Central Valley Water Board website. (CJ)

#### **Turlock Irrigation District (TID)**

On 24 March staff sent the Turlock Irrigation District its review of their 2010 Annual Monitoring Report

On 2 May the Turlock Irrigation District filed a Notice of Termination as an Individual Discharge in the ILRP and submitted an application to join the East San Joaquin Water Quality Coalition. (MW)

## Data Management

Data reports received through March 1<sup>st</sup> 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, 27 reports have been successfully processed and loaded into the CEDEN comparable database.

The most recent electronic data submittal (March 2011) received from the Southern San Joaquin Water Quality Coalition has been successfully formatted, reviewed and loaded within the database. The Sacramento Valley Water Quality Coalition's most recent submission (March 2011) is currently in process and is slated to be loaded by mid- to late June. Concurrent to these efforts, ILRP and CV RDC staff has developed guidance documents and checklists to assist the Coalitions with formatting and reviewing data prior to submission. A data feedback package containing these resources, as well as their final formatted data will be submitted to the Coalition after each data submission has been reviewed by Staff. The goal of this effort is to provide timely feedback to Coalitions and streamline data submission and processing.

Prioritization and loading schedules have been developed for all future incoming data submittals, as well as those received on and prior to March 1<sup>st</sup> 2011. Additional resources from the CV RDC and the SWAMP program have been identified and are being utilized to assist in processing and providing timely feedback and assistance to data submitters (MM).

## MOU Pilot Program

A final report on the Pilot Program is being prepared by the Glenn County and Butte County Agricultural Commissioners and ILRP staff. (MW)

## Prop 84 Grant Funding

The Coalition for Urban/Rural Environmental Stewardship (CURES) submitted a tentative list of members for the Advisory Selection Committee with their roles and responsibilities. This committee will review each application and rank the projects for possible funding. (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. CDFA's goal with the FREP is to reduce agriculture's contribution to groundwater contamination from fertilizer use. Because this goal is shared by the ILRP, collaboration between the two agencies could potentially lead to a more effective and efficient use of resources. CDFA Secretary Ross wrote a letter to the Board expressing her interest in collaborating with us on the irrigated lands regulatory program. Subsequently, the FREP program manager told Board staff that the four project proposals were accepted. Those proposals are for 1) a nutrient management training academy to train more advisors to be able to certify nutrient management plans; 2) crop-specific nutrient management plan templates; 3) web-based information management tools for nutrient information; and 4) compilation and assessment of BMPs for salt and nitrate management. ILRP and CV-SALTS staff plans to further develop the proposed project concepts by identifying research collaborators and discussing projects with CDFA. (SF/JK)

ILRP Staff Initials Key:

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
DK	Dana Kulesza	LW	Lisa Wilson	WO	Wesley Ouimette
DLH	Dania Huggins	MC	Mark Cady	RJS	Rudy Schnagl

## STAFF RECOGNITION

### SUPERIOR ACCOMPLISHMENT AWARDS

At the April 7-8 Board Meeting, Executive Officer presented the Superior Accomplishment Awards to, Kathleen Harder, James D Marshall, Greg Issinghoff and Dale Stultz.

#### SACRAMENTO OFFICE

**Candidate:** Kathleen Harder  
**Unit:** NPDES Point Source Permitting  
**Title:** Water Resource Control Engineer  
**Supervisor:** Jim Marshall

Kathy is being recognized for an outstanding and superior achievement for the NPDES permit renewal for the Sacramento Regional County Sanitation District's wastewater treatment plant. The timely development of this controversial permit, which has a matrix of complex issues, was accomplished due to her countless hours of hard work.

The NPDES Permit for the Sacramento Regional Wastewater Treatment Plant discharge is very important for our Region and the State. The Delta is a vital ecological resource to the State of California, providing economic vitality to the entire State. Kathy did a tremendous job of staying educated on the myriad of issues and producing a sound permit that is protective of the many beneficial uses of the Sacramento River and our Delta. Kathy's continual learning of the latest scientific research regarding aquatic life and the current ecosystem decline of the Delta was the basis of the development of a 1000-plus page agenda item for the Board members and the public. Kathy's professional poise in interacting with many demanding and sometimes emotional stakeholders was instrumental.

In December 2010, after an 11-hour hearing, the Board adopted a first time tertiary-level NPDES permit with additional requirements for nitrification and denitrification (ammonia and nitrate removal) of the discharge, a surmountable step towards improving the water quality of the Delta and the States economy.

**Candidate:** James Marshall  
**Unit:** NPDES Point Source Permitting  
**Title:** Senior Water Resource Control Engineer  
**Supervisor:** Diana Messina

Jim is being recognized for an outstanding and superior achievement as the Senior Water Resource Control Engineer overseeing the development and adoption of the NPDES permit renewal for the Sacramento Regional County Sanitation District's wastewater treatment plant. Jim displayed extraordinary leadership skills necessary to incorporated stakeholders in the early stages of the permit development up until Central Valley Water Board adoption. He implemented his superior technical skills to address the complex scientific issues pertaining to water quality in the Sacramento River and the Sacramento-San Joaquin Delta.

Jim led staff in a procedural manner that provided complete transparency and accountability, providing the education and resources necessary to work together in a flawless manner. His organized procedures were instrumental in overcoming other heavy demands on his time as well as the low staff levels and furloughs.

As many stakeholders doubted that Central Valley Water Board staff could provide a tentative permit available for Board consideration as early as December 2010, Jim and his staff provided the Board and the public with a thorough agenda package that addressed hundreds of public comments and contained a sound tentative permit that addressed the Board's concerns. The adoption of this tertiary-level NPDES permit for the largest point source discharger in our Region is a vital step towards protecting one of and State's most valuable resources, our Delta.

## FRESNO OFFICE

**Candidate:** Greg Issinghoff  
**Unit:** Cleanup/DOD  
**Title:** Engineering Geologist  
**Supervisor:** Russ Walls

Greg Issinghoff is receiving a Superior Accomplishment Award (SAA) for his outstanding performance in the Site Cleanup Unit of the Fresno office.

Greg is the project manager for the Glennville Shopping Center MTBE release. The Glennville project is a major underground storage tank case because over a dozen residential domestic wells contain MTBE over the drinking water standard and alternate water supplies had to be provided. Board staff is the lead for investigating, cleaning, and abating the release. Greg has been instrumental in getting a community water supply system to replace all the domestic water supply wells that have been affected by MTBE. Greg has overseen investigations, excavations, interim remedial actions, and numerous contracts on this project. Greg's close work with residents of Glennville led to development of the Glennville Mutual Water Company. Greg is currently working hand-in-hand with the water company on construction of a community water system. The new water system should be operational by May/June 2011, much because of Greg's diligent work.

## REDDING OFFICE

**Candidate:** Dale Stultz  
**Unit:** Tanks/Waste Containment Cleanup (SPILLS)  
**Title:** Environmental Scientist  
**Supervisor:** Clint Snyder

Dale Stultz is being recognized for his consistent performance and notable contributions to the Groundwater Unit. Dale's core responsibilities include work in the LUST, SCP, and Land Disposal programs.

In addition to the more routine cases associated with these programs, Dale is the Central Valley Water Board's representative overseeing the Bureau of Reclamation's \$230 million Red Bluff Fish Passage Improvement Project in association with the Tehama-Colusa Canal Authority – the largest Department of the Interior economic recovery project in the nation.

In this capacity, Dale is working hard to ensure the protection of water quality while attempting to facilitate this high-profile and fast moving project involving the construction of a 1,118 foot-long fish screen, pumping station, installation of nine pumps and motors, and an electrical switch yard. A portion of the project is being constructed through an existing landfill which requires Dale's constant supervision and creative regulatory solutions.

Dale is also a member of the Redding office emergency response team, which often requires Dale to juggle his day to day responsibilities at a moments notice. During an investigation Dale is able to quickly coordinate with responsible agencies and parties to develop an appropriate strategy for investigation while identifying realistic remedial alternatives to ensure the protection of water quality and threatened natural resources.

Dale's diligence and professionalism provide management confidence in his ability to handle the most challenging investigations. His work ethic, conscientiousness and professionalism are greatly appreciated by management and his colleagues alike. Dale is an asset to the Redding office and our organization as a whole.

## EMPLOYEE OF THE MONTH FOR 2011

### MARCH

#### SACRAMENTO OFFICE

**Candidate:** Amy Terrell  
**Unit:** Cleanup Section  
**Title:** WRCE  
**Supervisor:** Duncan Austin

Amy Terrell has worked many years in the site cleanup program for the Regional Board and has gained extensive experience in site investigation and cleanup. She has achieved many results in site remediation and site reuse at a wide range of different types of groundwater contamination sites. She has an exceptional talent to be an effective and patient communicator and convince responsible parties that resist the Board's regulatory role, to perform the necessary work. Through her diligent efforts and cooperative, but firm relations with the responsible parties at the cleanup sites she manages, Amy was able to achieve 8 case cleanup and closures over the past year. This is an exceptional accomplishment, considering that the entire Sacramento Cleanup Section closed 16 cases in the 2009-2010 fiscal year. In other words, in the last year Amy was able to close about half as many cases as the entire Sacramento Cleanup Section typically achieves in one year.

In Addition, Amy has worked together with USEPA and DTSC as part of the regulatory team on a complex Superfund site in Davis. Recently, Amy was personally recognized by Jared Blumenfeld, the US EPA Regional Administrator, for her work in facilitating the new greener, and expedited cleanup efforts at the Frontier Fertilizer site. This cleanup technology was unique and was a major accomplishment due to the many obstacles that had to be overcome. The groundwater treatment system was upgraded and modified so that it is now completely powered by solar energy with large on-site solar panels. Soil contamination is being treated with a subsurface thermal treatment system which will shorten the cleanup time at the site by over 100 years and results in significant cost savings.

#### FRESNO OFFICE

**Candidate:** Pam Buford  
**Unit:** LMW Section  
**Title:** Staff Environmental Scientist  
**Supervisor:** Lonnie Wass

Pam serves as the region's coordinator for all grants. As such, she assures that appropriate individuals review grant proposals, then make coordinated and timely responses. She must do so by getting the cooperation of the appropriate individual's supervisors, which she does in a graceful but firm manner. She keeps apprized of all the upcoming grants, and serves as the liaison with all the other cooperating agencies. Her sustained customer service is outstanding, in spite of diminishing staff resources.

Pam has also prepared the region's "road map" strategy for the protection of groundwater resources, and is assembling the work plans from the various managers to implement the strategy. Her sustained effort led to the adoption of the strategy and will result in work plans that she will present to the Board in June. This, too, has required a lot of firm persuasion of the different managers.

Pam's efforts and quality presentations are a positive reflection of the Board as a whole. Her efforts have led to a region-wide strategy. She has arranged and managed workshops with stakeholders. She is a trusted employee who can be counted upon to understand direction from the Board and management, and can be counted on to relay that direction in the meetings she attends. She has displayed excellent customer service which reflects well on the Board.

## REDDING OFFICE

**Candidate:** Matt Boone  
**Unit:** Timber Harvest Unit  
**Title:** Environmental Scientist  
**Supervisor:** Angela Wilson

Matt Boone is a hard working, conscientious and professional employee working in the Timber Harvest Unit in the Redding office. He takes on new tasks without prompting, volunteers for less savory tasks and produces quality work products in an efficient manner with minimum supervision.

Matt has aided the Redding office significantly over the years with his in-depth knowledge and application of GIS mapping. He has recently taken on new responsibilities within the unit and has proceeded to excel in the accomplishment of those tasks.

In addition, he has reached out to a variety of dischargers that were previously unaware of our responsibilities as an agency, and assisted in educating them in best management practices related to roads and watercourse crossings.

He is knowledgeable, professional and believes strongly in the work we do and as such is truly an asset to our agency.

## APRIL

**Candidate:** Jamie Lu  
**Unit:** Pesticide TMDL  
**Title:** WRCE  
**Senior /Supervisor:** Amanda Montgomery

Jamie has been a valued member of the Pesticide TMDL Unit for over ten years. She has a strong work ethic and a positive outlook on her assignments. Jamie is currently preparing a source analysis for a basin plan amendment that will propose organophosphate pesticide water quality objectives for over 1,000 waterbodies. Jamie also manages contracts to develop criteria for high risk pesticides.

**Candidate:** Todd Del Frate  
**Unit:** Title 27 Compliance and Enforcement  
**Title:** Engineering Geologist  
**Supervisor:** Anne Olson and Wendy Wyels

Todd is an Engineering Geologist in the Title 27 Enforcement Unit. Todd is a highly valued employee with exceptional work habits and enthusiasm for his projects. In April, he reviewed numerous technical and monitoring reports for landfills, surface impoundments and food processing sites and prepared seven written responses. He also helped resolve long-standing differences between responsible parties to keep them moving ahead with their cleanup and abatement order. Todd has an effective and efficient approach to his work that helps him meet deadlines and cope with his significant work load. Todd is a water quality professional dedicated to enforcing the Board's requirements.

**Candidate:** Hien Tran  
**Unit:** Administrative Services  
**Title:** Staff Services Analyst  
**Supervisor:** Linda Bracamonte

Hien is one of the CIWQS team members in the Administration unit for the Sacramento Office. She has also assumed responsibility for providing assistance to the Executive Office when needed. During the months of December, January and February, Hien took on the responsibility of learning the agenda process and managing the activities of the Board meeting. This was to provide for seamless coverage during our Executive Assistant's 3-week vacation early this year. Hien's attention to detail, willingness to go above and beyond her normal duties and her pleasant and professional approach to the work made it possible for all normal Board business to continue without interruption. Hien continues to participate in the routine activities of Board meeting preparation, providing assistance to the Executive Office, which has served to make the tasks of the Executive Assistant more manageable.

## FRESNO OFFICE

**Candidate:** Brent Vanderburgh  
**Unit:** NPS/Basin Planning/ILRP/Dairy Permitting Unit  
**Title:** Engineering Geologist  
**Supervisor:** David Sholes

During the past month, Brent oversaw and participated in the review of an annual report submitted by one of the Irrigated Lands Regulatory Program (ILRP) coalitions reporting to the Fresno Office. Brent's careful work confirmed a number of water quality exceedances. Using his skills with GIS, Brent also assisted Fresno and Rancho Cordova ILRP staff by compiling a map for the Tulare Lake Basin showing groundwater vulnerability and areas of high threat to groundwater quality.

In addition, Brent assisted other staff in the Fresno office by supplying GIS support in compilation of data for an ongoing investigation of water quality issues in eastern Tulare County. Brent also organized and participated in a survey of streams in eastern and southern Tulare Lake Basin during the storm events in January and March.

Brent successfully dealt with the recent merger of one water quality coalition into another; and he continues to assist in quarterly SWAMP sampling events (the last one in February).

Brent's efforts with respect to the ILRP provide a fine example of consistent hard work. His willingness to help others with GIS oriented tasks has enhanced both the unit's and the office's ability to visualize data from diverse sources.

## REDDING OFFICE

**Candidate:** Grant Stein  
**Unit:** Groundwater Unit  
**Title:** Engineering Geologist  
**Supervisor:** Clint Snyder

Grant Stein is responsible for overseeing cases in the LUST, SCP, and Land Disposal Programs. Grant's efforts in overseeing more than 80 cases in these programs during the month of April 2011 are notable.

Grant's hard work, attention to detail and professionalism are appreciated by his fellow employees and management. Grant maintains a professional demeanor and a great attitude and has proven to be effective when discussing complex groundwater issues with dischargers.

In April, Grant's efforts led to the completion of a contentious cleanup and abatement order in the LUST Program and revised WDRs in the Land Disposal Program. Grant also completed a number of case closures and began work to rectify the unauthorized discharge of kerosene from an aboveground storage tank which impacted soils and surface water.

Grant's diligent willingness to go above and beyond his expected duties makes him an asset to Redding's Groundwater Unit and the Central Valley Water Board.

## PUBLIC OUTREACH

On 9 March, Ben Letton attended the Shasta-Tehama Water Education Coalition (STWEC) Board Meeting in Red Bluff, CA. Discussion at the meeting focused on the Long-Term Program Framework that was made publically available in March.

On 9 March, 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 March, Rich Muhl and Bob Ditto presented a SWPPP training class to twenty members of the Army Corps of Engineers. The class covered some of the new storm water permit requirements and typical storm water management BMPs. The class included a case study of water quality issues associated with the Army Corps' Folsom Bridge project. Staff also discussed a number of issues unique to Army Corps projects. The class was designed and presented to promote cooperation between the Central Valley Water Board and the Corps of Engineers staff.

On 16 March, 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 16 March, Joe Karkoski met with representative from the Department of Pesticide Regulation to discuss the long-term irrigated lands regulatory program.

On 16 March, Gen Sparks 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, update on the Natomas Vegetation Variance, Vegetation Policy impacts to mitigation sites, Delta Summary Report, Lower Feather River Corridor Management Strategy, Small Erosion Repair Program implementation of FloodSAFE, and flood fight activities in Lake County.

On 16 March, Gen Sparks attended the Planning Committee for the Consumnes American River Yuba Integrated Regional Water Management Plan group. During this meeting, the group discussed the status of planning and implementation grants, proposed projects, and how the group would proceed with updating their current plan.

On 18 March, Joe Karkoski met with representatives from the agricultural community to discuss the long-term irrigated lands regulatory program.

On 22 March, Gen Sparks attended the Storm Water/Runoff and Water Quality working group meeting for the American River Basin Integrated Regional Water Management Plan. During this meeting, the group discussed the status of planning and implementation grants, proposed projects, and how the group would proceed with updating their current plan.

On 23 March, Joe Karkoski discussed the long-term irrigated lands regulatory program with the County Agricultural Commissioners San Joaquin Valley area group.

On 24 March, Joe Karkoski had a teleconference call to discuss the long-term irrigated lands regulatory program with representatives from the environmental and environmental justice communities.

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 13 April, Joe Karkoski met with staff from the North Coast regional board and the CSUS Center for Collaborative Policy to discuss the Central Valley region's experience with the irrigated lands conditional waiver. The North Coast regional board is considering developing irrigated lands waivers.

On 14 April, Stephanie Fong attended the Interagency Ecological Program Management Team meeting. Among topics of discussion were longfin and delta smelt status reports, publication updates, new studies, and the IEP newsletter.

On 19 April, Kim Schwab began assisting State Water Board staff in drafting the new Phase II General Permit for municipal separate storm sewer system (MS4) permittees. This is part of a renewal effort to provide permit coverage for smaller "traditional" municipalities (e.g., cities, counties) and "non-traditional" Small MS4s (e.g., schools, military bases, community service districts). The draft Phase II General Permit is scheduled to be noticed by the State Water Board for public comment on 6 June 2011 with public workshops to follow. There will be approximately five workshops held around the state including the Sacramento area, which staff plan on attending and providing their assistance.

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 20 April, Chris Foe and Stephanie Fong attended a Delta Science Program meeting that covered progress on a grant that uses historical accounts (e.g., personal journals, drawings, and art) to direct future restoration. It's used to link large-scale efforts of contiguous restoration to increase effectiveness.

On 20 April, Gen Sparks 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, Central Valley Flood Protection Plan Programmatic Environmental Impact Report, advances in erosion control seeding on levee slopes in the Natomas area, emergency response activities, and the Willow Slough Erosion Repair Strategy.

On 20 April, Kim Schwab attended the Contra Costa County Clean Water Program Management Committee monthly meeting in Martinez. The agenda included the Storm Water Funding Initiative where voters will be queried on whether they would vote to pay for an increase in their storm sewer fees. Proposition 218 requires that a two-thirds vote to pass a fee increase. Program staff presented a brief update on the Draft Industrial General Storm Water Order currently being drafted by the State Water Board. Two documents were discussed that will be submitted to the San Francisco and Central Valley Water Boards titled "*Feasibility/Infeasibility Criteria Report for Harvest and Use, Infiltration and Evapotranspiration*" and "*Proposed Green Roof Minimum Specifications*".

On 20 April, Rich Muhl presented a new construction general permit overview class to 45 project managers and contractors at the Associated General Contractors of California (AGC) office in West Sacramento. The class covered the new permit requirements including risk levels, monitoring, and certification, training and reporting. The class also included a long question and answer session where some of the nuances of the new construction general permit were explained and discussed.

On 22 April, Stephanie Fong and Christine Joab attended a meeting with the SF RMP Nutrient Strategy Team. Items of discussion include development of a nutrient strategy, coordination with other groups, development of NNE, and their upcoming Nutrient Workshop in June.

On 23 April 2011, 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 26 April, Gen Sparks attended the interagency South Sacramento Habitat Conservation Plan meeting. During the meeting, the group discussed the status and progress of the South Sacramento Habitat Conservation Plan and Sacramento County’s strategy to move forth with developing the plan.

On 26 April, Gen Sparks attended the North-of-the-Delta Offstream Storage Environmental Coordination Advisory Team meeting. During the meeting, the group discussed alternatives for the Delevan Pipeline Intake component of the project, including downstream flows and fish ladders, and water quality and biological modeling.

On 26 April, Kim Schwab attended the City of Folsom City Council meeting, Redevelopment Agency Special Meeting at the Folsom City Council Chambers. City staff presented a Study Session describing the Folsom Plan Area Specific Plan and Environmental Impact Report (“EIR”)/Environmental Impact Study (“EIS”). The Plan is a 3,510-acre comprehensively planned community that has been in the planning stages, with citizen participation, for the last 12 years. The proposed location is south of Highway 50 between White Rock Road and Prairie City Road. The property is currently open land used as grazing property under the Williams Act. Thirty percent (30%) or 1,053.1 acres will be open space preserving oak woodlands, Alder Creek, and wildlife corridors. Regional Board staff from the Storm Water, 401 Water Quality Certification Unit and Aerojet Clean-up Units coordinated their review of the draft EIR/EIS in September 2010.

On 27 April, Gen Sparks attended an interagency meeting with environmental groups regarding the status and progress of the South Sacramento Habitat Conservation Plan. During the meeting, the environmental groups discussed their concerns regarding the South Sacramento Habitat Conservation Plan and federal and state agencies clarified their roles in the development of the plan.

On 28 April, Kim Schwab attended the Yolo County Storm Water Quality Partnership held in the City of Winters. The Partnership includes the Phase II MS4 Permittee representatives from Davis, U.C. Davis, Woodland, West Sacramento, Yolo County, and Dixon. The City of Winter’s representative attended as a volunteer. The agenda included a discussion of the new State Water Board Construction General Permit, the draft Industrial General Permit, and the soon to be noticed draft Phase II MS4 General Permit. Each Permittee in attendance elaborated on their budget constraints and how it has been affecting their local storm water programs.

On 28 April, Stephanie Fong, Jamie Lu, and Amanda Montgomery attended a meeting with US EPA to discuss progress and future development of EPA’s pesticide model.

On 3 May, Sue McConnell and Holly Grover met with staff from Lake County Department of Water Resources to discuss information needed to produce the 5-year update to the Clear Lake Nutrient TMDL.

On May 3-4, Rich Muhl was one of the presenters at the California Stormwater Quality Association (CASQA), Trainer of Record (TOR) training class. TOR’s are those folks who will provide qualified training classes on the new construction general permit to Qualified SWPPP developers (QSDs) and Qualified SWPPP practitioners (QSPs), who are the people that will implement the permit. Seventeen TOR’s attended the two day class which was held at Sacramento State University. The class included a written three hour exam.

On 5 May, Mark Cady and Susan Fregien attended the Almond Board of California Environmental Stewardship Tour. The tour visited orchards where BMPs are being implemented for low-volume irrigation and advanced spray technologies. A visit to a shelling operation and discussions with farmers, almond handlers and researchers were highlights of the visit.

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 10 May, Patrick Morris attended a public meeting regarding the Department of Fish and Game's suction dredge permitting program. Central Valley Water Board staff from all three offices provided input on written comments about water quality concerns (predominately mercury and sediment) in Fish and Game's draft environmental impact report and proposed regulatory program.

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

On 12 May, Stephanie Fong participated in the Interagency Ecological Program Management Team meeting. Topics discussed include revision and augmentation of current IEP contracts, IEP reporting, and the possibility of publishing a POD book.

On 12-13 May, Elizabeth Lee conducted an MS4 Program Audit and Inspection for the City of Lincoln with PG Environmental and State Water Board staff. The audit and inspection was initiated due to the City of Lincoln being named the "Fastest Growing City in America" by Forbes.com in July 2007 for a population increase of 238% from 2000 to 2006. In October 2010, Bloomberg Businessweek named Lincoln the "Fastest Growing City in California". The audit and inspection focused on the City's storm water program management, construction site storm water runoff control, and post construction storm water management in development and redevelopment projects.

On 13 May, Chris Foe and Stephanie Fong met with US EPA and Region 2 staff to discuss Delta ammonia and nutrient issues.

On 14 May, Alex MacDonald provided nation wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of four instructors for the 2.25 hour training on the ITRC document *Use and Measurement of Mass Flux and Mass Discharge* (August 2010). This is the third of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons nation wide. Approximately 240 people nation-wide attended this training. (AMM)

On 16 May, Christine Joab attended a seminar by the California Water Quality Monitoring Collaboration Network on the application of the USGS SPARROW Model to understand nitrogen and phosphorus transport in California.

On 16 May, Christine Joab attended a webinar with the STRTAG to discuss the use of the NNE framework in NPDES permits, finalize the site selection for the macroalgal experiments, and discuss the criteria for selection of Estuarine Advisory Panel members.

On 17 May, Clay Rodgers, Doug Patteson, and Joe Karkoski (via phone) met in Farmersville with representatives from the Southern San Joaquin Coalition to discuss the long-term irrigated lands regulatory program and next steps for developing an order for that area.

On 17 May, Gen Sparks attended the California Wetland Monitoring Working Group meeting. During the meeting, the group discussed implementation of the Wetland Monitoring Strategy and joint ventures, an update on the Wetlands Portal, review of California's response to the United States Environmental Protection Agency's Wetland Program Plan Memo, and the United States Army Corps of Engineers newly adopted Mitigation Ratio Procedure.

On 17 May, Gen Sparks attended the North-of-the-Delta Offstream Storage Environmental Coordination Advisory Team meeting. During the meeting, the group discussed water quality modeling, avoidance and minimization of transmission line impacts on biota, changes to the federal Eagle Protection Act, and the Environmental Impact Report/Environmental Impact Statement.

On 17 May, Janis Cooke, Chris Foe, and Patrick Morris attended a meeting of the Delta Tributaries Mercury Council. Patrick provided an update on the American River, Delta, and statewide mercury TMDL projects. The group also heard presentations about a Gold Country fish consumption survey, the Sulphur Bank mercury mine cleanup process, strategies for selecting mercury cleanup projects in the Cache Creek watershed, and potential methylmercury management practices for wetlands in the Yolo Bypass.

On 19 May, Diana Messina, Skyler Anderson and Richard Muhl provided a presentation to United States Bureau of Reclamation (USBR) staff explaining when a Water Board permit is required for construction of their many federal projects. Staff provided USBR staff with information regarding when proposed federal projects need: (1) a CWC 401 Certification, State Board Industrial Storm Water Permit coverage, State Board Industrial Storm Water Permit coverage, and/or NPDES General Order coverage when potentially impacting waters of the United States, and (2) Waste Discharge Requirements when potentially impacting waters of the State.

## PERSONNEL AND ADMINISTRATION

April – May 2011

### Personnel:

<u>Total Positions</u>	<u>Vacancies</u>	<u>Gained</u>	<u>Lost</u>
237.5	20	0	3

### Gains:

None

### Promotions:

None

### Leave of Absence:

Dale Stultz, Environmental Scientist  
Leticia Valadez, Staff Chemist

### Return from LOA:

Stephanie Fong, Senior Environmental Scientist  
Jacqueline Matthews, Environmental Scientist

### Separations:

None

### Retirement:

John Noonan, Senior Water Resource Control Engineer  
Cliff Raley, Senior Water Resource Control Engineer  
Wendy Cohen, Senior Water Resource Control Engineer

### TRAINING (1/1/2011 to 3/31/11)

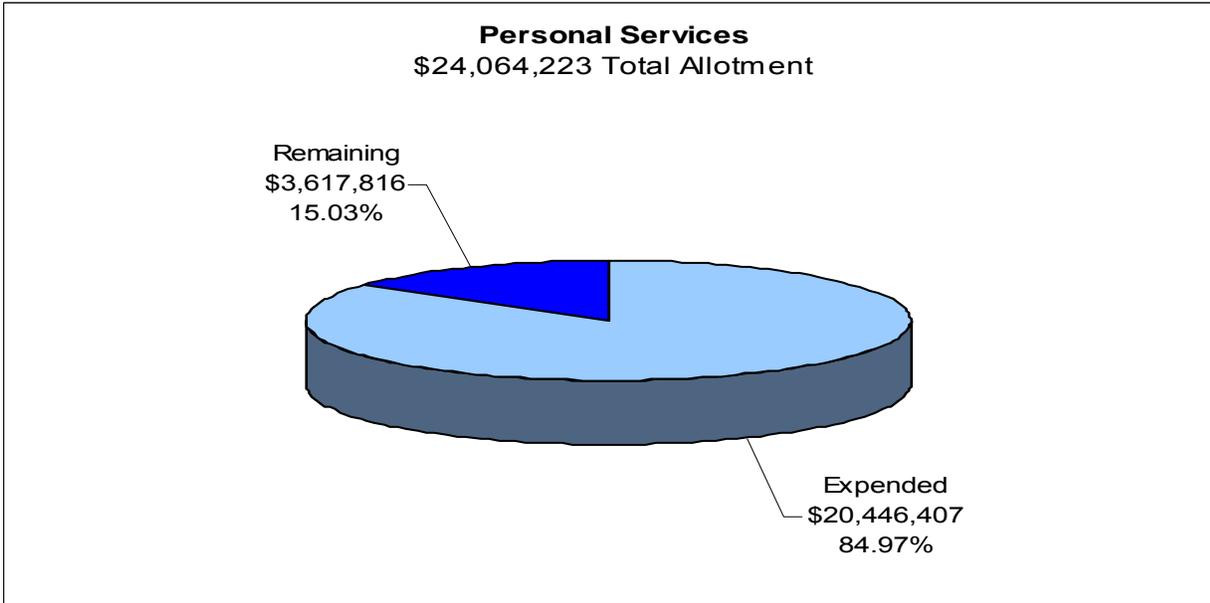
<u>Course Title</u>	<u># of Attendees</u>
Advanced Alternate Final Cover Workshop	5
Analytical Laboratory Tour	6
Applied Environmental Statistics	1
Applied Groundwater Statistics	3
Basic Supervision, Part 1	1
Basic Supervision, Part 2	1
Basic Wetland Delineation	3
Bioassessment Field Sampling	2
CA Rapid Assessment Method	1
CEQA Compliance	3
Contaminant Chemistry	1
Defensive Drivers Training	6
Enforcement Training	40
Environmental Statistics	1
Environmental Stewardship Tour	1
Field Sampling of Stream Algae	3
GGII	1
Interviewing for Inspectors	2
Introduction to Environmental Statistics	4
Managing Multiple Priorities	1
Overview of Water Quality Management Plan	1
Successful CEQA Compliance	7

Time Management	1
WDC Exploration & Wells	1
Wetlands at Risk Webinar	1
Windows Server 2008	2

**FISCAL REPORT**  
**Based on April 2011 Expenditure Data**  
(83.33% should have been expended to date)

**PERSONAL SERVICES**

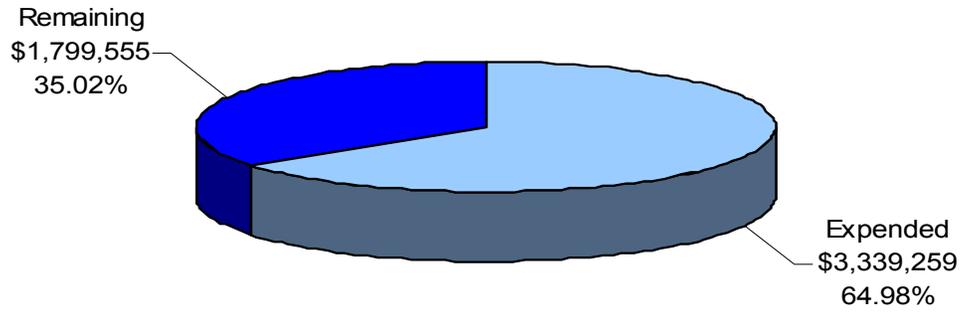
Our Personal Services budget is \$24,064,223



**OPERATING EXPENSES**

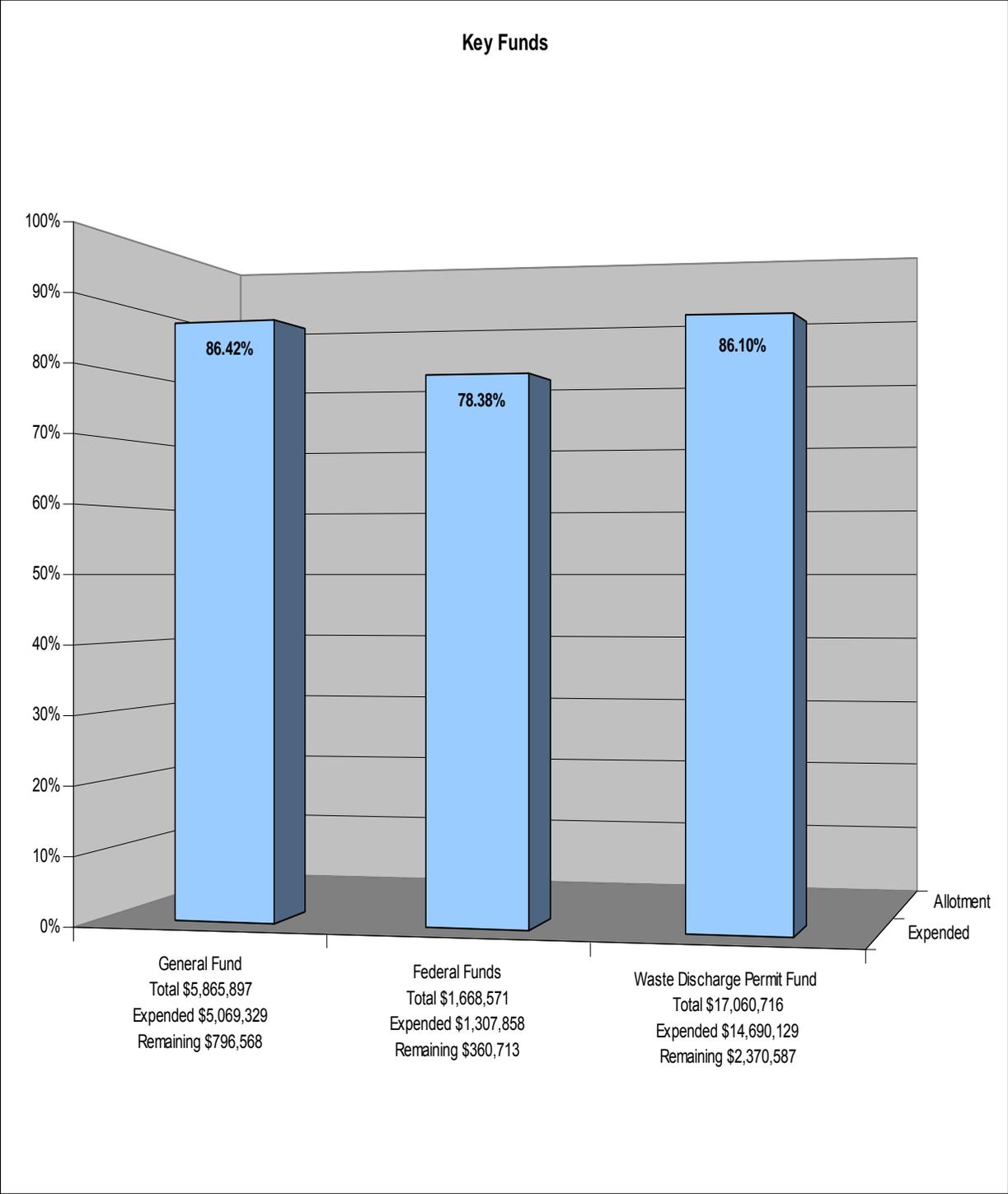
Our Operating Expense budget is \$5,138,814. We have submitted all necessary documents to State Board to expend our contract and equipment monies. We have restocked our office and laboratory supplies for this fiscal year. We are monitoring our expenditures to ensure that all purchases are necessary and critical to our operations.

**Operating Expenses**  
\$5,138,814 Total Allotment



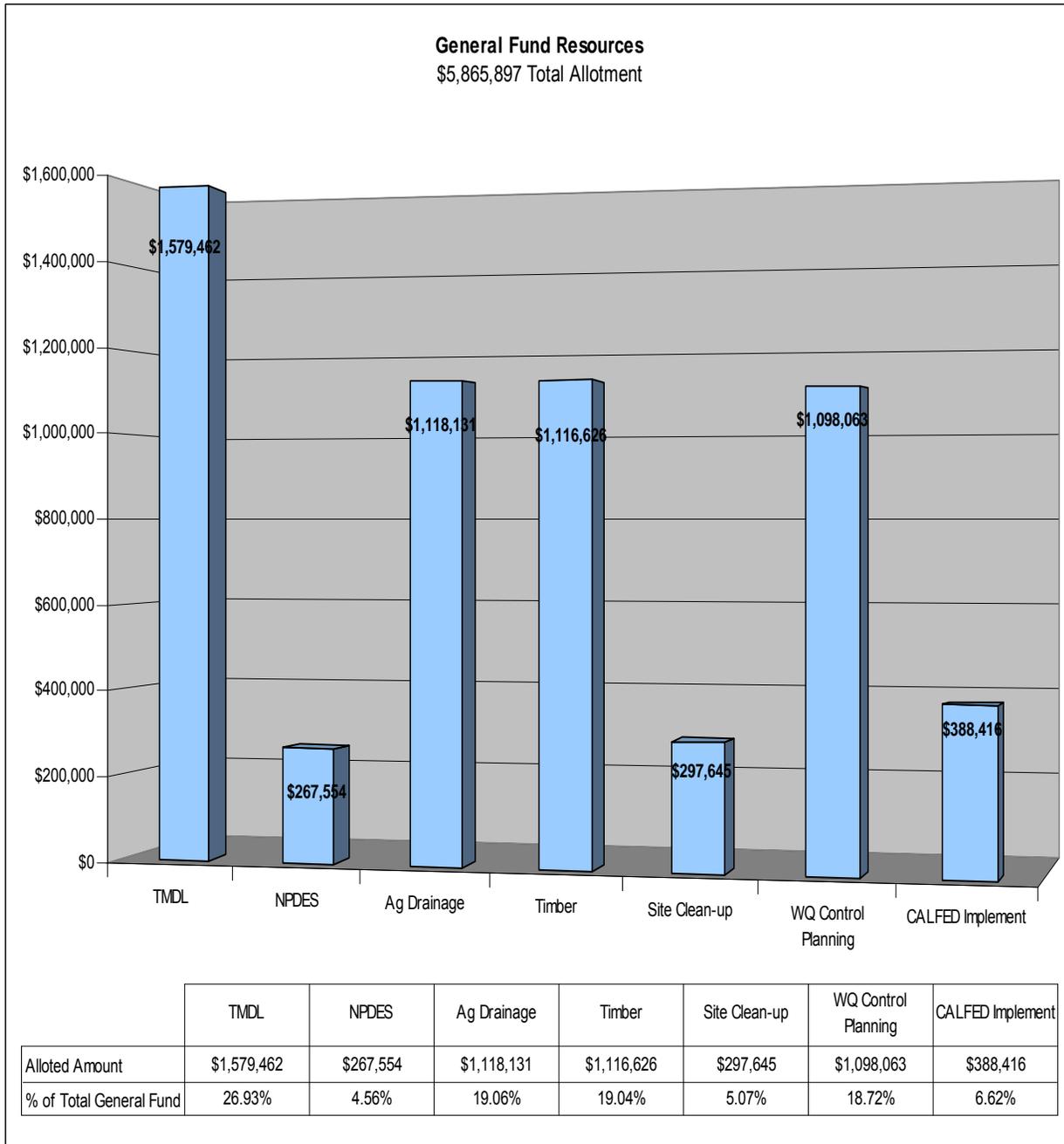
**KEY FUND ISSUES**

All key funds are being spent at a reasonable level. We will monitor the funds to make sure we do not overspend a fund source.



## 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.



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 ORGANIZATION -- Region 5

PERSONAL SERVICES	POSITIONS/PYS	----- \$ EXPENDITURES -----			
	BUDGETED	\$ BUDGETED	EXPENDED	BALANCE	% EXPENDED
Authorized Positions					
Permanent Positions	237.5	19,194,339	14,688,000	4,506,339	77 %
Temporary Help	0.0	20,000	0	20,000	0 %
Overtime		0	590	( 590)	0 %
Board Stipend		12,000	3,700	8,300	31 %
Total Authorized Positions	237.5	19,226,339			
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	19,226,339			
Salary Savings	( 11.8)	( 1,039,805)			
Net Total Salaries	225.7	18,186,534			
Staff Benefits		5,877,689	5,754,117	123,572	98 %
TOTAL PERSONAL SERVICES(PS)	225.7	24,064,223	20,446,407	3,617,816	85 %
LINE ITEM OPERATING EXPENSES & EQUIPMENT DETAIL					
General Expense		319,436	132,148	187,288	41 %
Printing		47,421	42,638	4,783	90 %
Communications		185,689	73,438	112,251	40 %
Postage		26,935	61,885	( 34,950)	230 %
Travel In-State		88,618	77,314	11,304	87 %
Travel Out-Of-State		0	0	0	0 %
Training		73,613	21,274	52,339	29 %
Facilities Operations		0	300	( 300)	0 %
Utilities		0	72,381	( 72,381)	0 %
Contracts - Internal		905,272	150,860	754,412	17 %
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	30,362	138,488	18 %
Other		455,990	574,539	( 118,549)	126 %
TOTAL OPERATING EXPENSE & EQUIPMENT(OEE)		5,138,814	3,339,259	1,799,555	65 %
TOTAL PS & OEE		29,203,037	23,785,666	5,417,371	81 %
Indirect		7,740,697	5,863,209	1,877,488	76 %
GRAND TOTAL		36,943,734	29,648,875	7,294,859	80 %

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## Expenditure Organization Summary

1

Organization - Region 5

for the month ending April 10/11

Fund Source	\$ Allotment	\$ Expenditures	% Expended
NPS Pollution Control Program-Prop 13 -- (00BOND-NPSC)	= 0	0	0.0
Prop 84 - 2006 Bond -- (06BOND)	= 0	0	0.0
Cleanup & Abatement Account-Management -- (CAA)	= 5,902,615	3,900,009	66.1
NPDES -- (F(106))	= 240,126	212,616	88.5
Non-Point Source -- (F(319H))	= 733,612	619,980	84.5
DoD Cost Recovery -- (F(DOD-CR))	= 122,720	99,519	81.1
Lawrence Livermore -- (F(LL300))	= 214,877	46,554	21.7
Leaking Underground Storage Tanks -- (F(LUST))	= 357,236	329,189	92.2
General -- (G)	= 5,865,897	5,069,329	86.4
Indirect Distributed Cost -- (IDC)	= 0	0	0.0
-- (IDC-D)	= 0	0	0.0
Integrated Waste Mngmt Acct (AB 1220) -- (IWMA)	= 1,138,155	996,932	87.6
Proposition 50 -- (PROP 50)	= 0	0	0.0
Aerojet Gen Corp Oversight of Cleanup -- (R(AEROJET))	= 167,150	159,901	95.7
Basin Plan Amendments - Drinking Water -- (R(BASIN-DW))	= 145,220	0	0.0
DTSC Brownfield Coordination -- (R(BROWNFIELDS))	= 13,482	12,816	95.1
CALFED Cooperative Program -- (R(CALFED))	= 901,745	52,698	5.8
(R) Dept of Water Resources -- (R(DEPT WR))	= 122,999	95,959	78.0
R (Dept of Defense Cleanup Oversight) -- (R(SLCDOD))	= 1,337,670	1,009,147	75.4
Surface Impoundment Assessment Account -- (SIAA)	= 0	0	0.0
State/Federal Revolving Fund-Federal -- (SRFFED)	= 11,532	7,416	64.3
Tobacco Tax -- (TBT)	= 136,481	123,880	90.8
Underground Storage Tank Cleanup Fund -- (UTSCF)	= 2,471,516	2,222,801	89.9
Waste Discharge Permit Fund -- (WDPF)	= 17,060,716	14,690,129	86.1
TOTAL	36,943,749	29,648,875	80.3 %

Count of Spills		Region		Spill Type		5F Total	5R Total	5S Total	Grand Total		
		5F	5R	5S							
Years	Start Date of Spill	Category 1	Category 2								
2011	Qtr1	18	30	48	5	11	16	50	712	762	826

Count of Spills		Total
Years	Spill Cause	Total
2011	Root intrusion	446
	Grease deposition (FOG)	145
	Debri-General	86
	Other (specify below)	42
	Pipe structural problem/failure	41
	Debri-Rags	24
	Operator error	15
	Flow exceeded capacity (Separate CS Only)	10
	Pump station failure	9
	Vandalism	4
	Rainfall exceeded design (Separate CS Only)	2
Surcharged pipe (Combined CS Only)	2	
Grand Total		826

**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 January - March 2011

Region	Collection System Agency	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	Auburn City	765020	Certified	Category 1	Maidu LS force main	Placer	Yes	Yes	6500	6500	3/31/2011	Other (specify below)
5F	Bakersfield City	763616	Certified	Category 1	Hwy 178 & Alta Vista	Kern	No	Yes	500	500	2/19/2011	Grease deposition (FOG)
5S	Brentwood City	762901	Certified	Category 1	50 Sandcreek Road	Contra Costa	No	Yes	1800	1400	2/7/2011	Other (specify below)
5S	CA Dept of Corrections	761691	Certified	Category 1	Valley Housing 403	Sacramento	No	Yes	50	0	1/22/2011	Debri-General
5S	Ca Dept of Parks & Rec Central	764883	Certified	Category 1	Calaveras Big Trees State Park, North Grove Septic	Calaveras	Yes	Yes	600	599	3/15/2011	Other (specify below)
5F	Clovis City (SSO)	762095	Certified	Category 1	985 W. Rialto	Fresno	No	Yes	1500	1000	1/29/2011	Grease deposition (FOG)
5S	Colfax City	764133	Certified	Category 1	Colfax Waste Water Treatment Plant	Placer	Yes	No	14310	14310	2/25/2011	Debri-General
5S	Colfax City	762270	Certified	Category 1	Lift station #5	Placer	Yes	No	2600	2590	1/31/2011	Debri-General
5R	Corning City	764799	Certified	Category 1	Gardiner Ferry Rd. at intersection of Kopta Rd.	Tehama	Yes	Yes	600	600	3/24/2011	Rainfall exceeded design (Separate CS Only)
5F	East Niles CSD	765964	Certified	Category 1	8300 Kern Canyon Road	Kern	No	Yes	600	600	4/29/2011	Root intrusion
5S	El Dorado ID	763778	Certified	Category 1	DC-2011-02-02	El Dorado	No	Yes	7500	3000	2/25/2011	Pipe structural problem/failure
5F	Firebaugh City	764850	Certified	Category 1	500 P STREET	Fresno	No	Yes	141	141	3/28/2011	Grease deposition (FOG)
5F	Firebaugh City	762541	Certified	Category 1	1872 T STREET	Fresno	No	Yes	126	126	2/7/2011	Grease deposition (FOG)
5S	Folsom City	762210	Certified	Category 1	1839 Iron Point road	Sacramento	Yes	Yes	100	20	1/25/2011	Pipe structural problem/failure
5F	Fresno City	760920	Certified	Category 1	MANHOLE # 2555-48	Fresno	No	Yes	375	225	1/11/2011	Grease deposition (FOG)
5F	Fresno City	760818	Certified	Category 1	MANHOLE # 2854-43	Fresno	No	Yes	70	20	1/11/2011	Grease deposition (FOG)
5S	Groveland CSD	765005	Certified	Category 1	17620 School Street, Big Oak Flat	Tuolumne	Yes	No	96000	95900	3/29/2011	Other (specify below)
5S	JAMESTOWN SD	764664	Certified	Category 1	Jamestown Sanitary District Wastewater treatment p	Tuolumne	Yes	No	380800	380800	3/20/2011	Other (specify below)
5F	Kern Sanitation Authority	761987	Certified	Category 1	Flower X Robinson	Kern	Yes	Yes	3000	1800	1/20/2011	Grease deposition (FOG)
5S	Lake Cnty	764756	Certified	Category 1	Meadowbrook Drive, Clearlake, CA 95422	Lake	Yes	No	9000	3000	3/24/2011	Flow exceeded capacity (Separate CS Only)
5S	Lake Cnty	764782	Certified	Category 1	14043 Lakeshore Blvd., Clearlake CA 95422	Lake	Yes	No	4200	4200	3/24/2011	Flow exceeded capacity (Separate CS Only)
5S	Lake Cnty	764508	Certified	Category 1	Meadowbrook Drive	Lake	Yes	No	3000	3000	3/20/2011	Flow exceeded capacity (Separate CS Only)
5S	Lake Cnty	764763	Certified	Category 1	13979 Lakeshore Blvd., Clearlake, CA 95422	Lake	Yes	No	1365	1365	3/24/2011	Other (specify below)
5S	Lake Cnty	762743	Certified	Category 1	adjacent to 6165 23rd Avenue	Lake	No	Yes	5	0	2/9/2011	Grease deposition (FOG)
5S	Lathrop City	764547	Certified	Category 1	770 Toro Lane, 15388 Halmar Lane, Intersection of	San Joaquin	Yes	Yes	1800	1600	3/18/2011	Pump station failure
5F	Madera Cnty Eng & Gen Services	764770	Certified	Category 1	md27 Hwy 49/Griffin	Madera	No	No	1500	0	3/24/2011	Other (specify below)
5F	Madera Cnty Eng & Gen Services	765969	Certified	Category 1	53819 Road 432	Madera	Yes	Yes	1000	900	4/29/2011	Debri-General
5F	MARIPOSA PUD	762634	Certified	Category 1	49 er Mobile Home park	Mariposa	Yes	Yes	999	900	2/7/2011	Root intrusion
5S	Murphys SD	763600	Certified	Category 1	Murphys Grade Road Pump Station for MSD	Calaveras	Yes	No	2500	2500	2/18/2011	Other (specify below)
5R	Oroville City	763285	Certified	Category 1	MH 83	Butte	Yes	Yes	2000	2000	2/17/2011	Debri-General
5F	Pinedale Public Utility District	764934	Certified	Category 1	West Calimyrna Avenue	Fresno	No	Yes	1500	450	3/26/2011	Grease deposition (FOG)
5S	Placer Cnty Dept of Facility Servi	764711	Certified	Category 1	Troy Way - Map B14-19 TO B14-20	Placer	Yes	No	6750	6000	3/18/2011	Debri-Rags
5S	Placer Cnty Dept of Facility Servi	763920	Certified	Category 1	3990 Lakeside Court, Loomis, Placer County Map B	Placer	Yes	Yes	750	710	2/26/2011	Root intrusion
5S	Placer Cnty Dept of Facility Servi	762814	Certified	Category 1	Manhole 80 Off Canal Street, Auburn, CA - Map Pa	Placer	Yes	Yes	750	745	2/8/2011	Grease deposition (FOG)
5S	Placer Cnty Dept of Facility Servi	764492	Certified	Category 1	Auburn Ravine Lift Station Manhole AA6-02	Placer	Yes	No	700	700	3/15/2011	Flow exceeded capacity (Separate CS Only)
5S	Placer Cnty Dept of Facility Servi	764496	Certified	Category 1	Meadow Glen Road - Map Page AF2-59	Placer	Yes	No	500	500	3/15/2011	Flow exceeded capacity (Separate CS Only)
5S	Placer Cnty Dept of Facility Servi	764258	Certified	Category 1	Sylvan Glen Lift Station	Placer	Yes	No	160	153	3/8/2011	Pipe structural problem/failure
5R	Portola City	765073	Certified	Category 1	Feather River	Plumas	Yes	No	4500	4500	3/16/2011	Rainfall exceeded design (Separate CS Only)
5R	Red Bluff City	763833	Certified	Category 1	205 James ave	Tehama	Yes	Yes	6000	1200	2/25/2011	Root intrusion
5R	Red Bluff City	764163	Certified	Category 1	1700 south jackson	Tehama	Yes	Yes	450	100	3/6/2011	Grease deposition (FOG)
5F	Reedley City	764440	Certified	Category 1	2216 Duff Ave.	Fresno	No	Yes	20	20	3/17/2011	Pump station failure
5S	Riverbank City	764945	Certified	Category 1	23865 South Santa Fe Road, Escalon, CA	San Joaquin	No	No	1000	0	3/24/2011	Flow exceeded capacity (Separate CS Only)
5S	Sacramento Area Sewer District	761197	Certified	Category 1		17662 Sacramento	Yes	Yes	73580	73580	1/11/2011	Root intrusion
5S	Sacramento Area Sewer District	764849	Certified	Category 1		22948 Sacramento	Yes	Yes	21115	21115	3/24/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764851	Certified	Category 1		22946 Sacramento	Yes	Yes	15855	15855	3/24/2011	Root intrusion
5S	Sacramento Area Sewer District	764854	Certified	Category 1		22951 Sacramento	Yes	Yes	12350	12350	3/24/2011	Root intrusion
5S	Sacramento Area Sewer District	765212	Certified	Category 1		23751 Sacramento	Yes	Yes	9837	9837	3/24/2011	Root intrusion
5S	Sacramento Area Sewer District	760291	Certified	Category 1		17146 Sacramento	Yes	Yes	2850	2850	1/4/2011	Root intrusion
5S	Sacramento Area Sewer District	763773	Certified	Category 1		20952 Sacramento	Yes	Yes	2330	2320	2/25/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	760224	Certified	Category 1		17055 Sacramento	Yes	Yes	1850	1234	1/3/2011	Root intrusion
5S	Sacramento Area Sewer District	762914	Certified	Category 1		19857 Sacramento	Yes	Yes	1845	1845	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	762559	Certified	Category 1		19509 Sacramento	Yes	Yes	980	980	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	763489	Certified	Category 1		20658 Sacramento	Yes	No	300	300	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764274	Certified	Category 1		21942 Sacramento	Yes	Yes	81	40	3/9/2011	Root intrusion
5S	Sacramento City	764870	Certified	Category 1	7600 Green Haven drive.	Sacramento	Yes	Yes	2500	500	3/24/2011	Surcharged pipe (Combined CS Only)
5S	Stockton City MUD	764601	Certified	Category 1	1625 E. Seventh Street	San Joaquin	Yes	Yes	64800	64800	3/18/2011	Grease deposition (FOG)
5S	Stockton City MUD	763675	Certified	Category 1	136 W. Vine St.	San Joaquin	Yes	Yes	35280	35280	2/3/2011	Debri-General
5S	Stockton City MUD	761699	Certified	Category 1	9021 Stacey Court	San Joaquin	Yes	Yes	1575	630	1/21/2011	Debri-Rags
5S	Stockton City MUD	763976	Certified	Category 1	1071 W. Monterey Avenue	San Joaquin	No	Yes	1500	0	3/2/2011	Debri-General

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.

## SSO Spills January - March 2011

Region	Collection System Agency	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	Stockton City MUD	765394	Certified	Category 1	2345 Anne Street	San Joaquin	No	Yes	1100	0	4/12/2011	Debris-General
5S	Sutter Creek City	761954	Certified	Category 1	175 Spanish Street at Rear of Lot at Creek	Amador	Yes	No	2500	2500	1/25/2011	Debris-General
5S	Sutter Creek City	762087	Certified	Category 1	175 Spanish Street at Rear of Lot at Creek	Amador	Yes	No	900	900	1/28/2011	Debris-General
5S	Sutter Creek City	765935	Certified	Category 1	Cleanout at Intersection of Karsan Drive Drainage	Amador	Yes	No	500	300	4/28/2011	Root intrusion
5S	Sutter Creek City	764357	Certified	Category 1	Cleanout at 54 Bryson Drive	Amador	Yes	Yes	500	500	3/14/2011	Grease deposition (FOG)
5S	Town of Discovery Bay CSD	765824	Certified	Category 1	1402 Willow Lake Road	Contra Costa	Yes	Yes	100	50	4/23/2011	Other (specify below)
5F	Tulare City	765860	Certified	Category 1	1300 block of King Street	Tulare	No	Yes	1100	0	4/27/2011	Grease deposition (FOG)
5F	Tuolumne Utilities District	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	763923	Certified	Category 1	Old Sonora-Columbia Rd and Hwy 49	Tuolumne	Yes	No	750	250	2/28/2011	Pipe structural problem/failure
5F	Tuolumne Utilities District	763286	Certified	Category 1	Parking lot next to Kragen	Tuolumne	Yes	Yes	700	650	2/17/2011	Grease deposition (FOG)
5F	Tuolumne Utilities District	762513	Certified	Category 1	drainage channel next to house	Tuolumne	Yes	No	350	50	1/31/2011	Other (specify below)
5F	Tuolumne Utilities District	765629	Certified	Category 1	manhole in backyard	Tuolumne	Yes	Yes	150	25	4/19/2011	Other (specify below)
5F	Tuolumne Utilities District	761342	Certified	Category 1	Intersection of N Washington and School St	Tuolumne	Yes	Yes	75	55	1/17/2011	Root intrusion
5S	USDI Bureau of Reclamation S	760190	Certified	Category 1	Glory Hole Recreation Area Lift Station #7	Calaveras	No	No	100000	0	1/1/2011	Pump station failure
5S	Vacaville City	763064	Certified	Category 1	peabody rd @ Marshall rd	Solano	No	Yes	1500	0	2/15/2011	Debris-Rags
5S	Amador City	765358	Certified	Category 2	Manhole #109A located in backyard of 11030 Amador	Amador	No	No	75	0	4/8/2011	Root intrusion
5S	Antioch City	765693	Certified	Category 2	1629 Cavallo Rd	Contra Costa	No	No	15	0	3/1/2011	Root intrusion
5S	Antioch City	764118	Certified	Category 2	1120 Putnam St	Contra Costa	No	No	5	0	2/26/2011	Grease deposition (FOG)
5S	Antioch City	764096	Certified	Category 2	2300 Cambridge Dr	Contra Costa	No	No	5	0	2/16/2011	Grease deposition (FOG)
5S	Antioch City	764982	Certified	Category 2	128 Pleasant Pl	Contra Costa	No	No	2	0	2/21/2011	Root intrusion
5S	Antioch City	763416	Certified	Category 2	1319 August Way	Contra Costa	No	No	2	0	1/17/2011	Root intrusion
5S	Antioch City	763417	Certified	Category 2	1021 D Street	Contra Costa	No	No	1	0	1/29/2011	Grease deposition (FOG)
5S	Antioch City	763413	Certified	Category 2	1210 August Way	Contra Costa	No	No	1	0	1/15/2011	Root intrusion
5F	Armona CSD	765867	Certified	Category 2	11285 Alvin, Armona	Kings	No	Yes	200	0	4/27/2011	Debris-General
5F	Armona CSD	762882	Certified	Category 2	Vista St & Dan Drive	Kings	No	Yes	25	0	2/11/2011	Debris-General
5S	Auburn City	765699	Certified	Category 2	1273 High St SSO	Placer	No	No	100	0	4/4/2011	Other (specify below)
5S	Auburn City	762475	Certified	Category 2	Agard and Orange SSO	Placer	No	No	30	0	1/21/2011	Root intrusion
5F	Bakersfield City	765654	Certified	Category 2	2601 Fremont	Kern	No	No	120	120	4/13/2011	Grease deposition (FOG)
5F	Bakersfield City	765847	Certified	Category 2	Pullman/Corvallis	Kern	No	Yes	100	60	4/23/2011	Grease deposition (FOG)
5F	Bakersfield City	762275	Certified	Category 2	2600 Fremont	Kern	No	Yes	100	75	1/29/2011	Grease deposition (FOG)
5F	Bakersfield City	762943	Certified	Category 2	2816 Ashe Road, in the alley	Kern	No	No	60	60	2/8/2011	Grease deposition (FOG)
5F	Bakersfield City	761579	Certified	Category 2	Hidden Cove Court	Kern	No	No	15	0	1/19/2011	Grease deposition (FOG)
5S	Brentwood City	765312	Certified	Category 2	550 Douglas Drive	Contra Costa	No	Yes	5	0	4/7/2011	Grease deposition (FOG)
5R	Burney WD	765818	Certified	Category 2	Manhole at end of Oak St.	Shasta	No	No	300	0	4/26/2011	Debris-General
5R	Butte CSA	764419	Certified	Category 2	Stirling City Sewer mainline - post office	Butte	No	No	850	25	3/14/2011	Root intrusion
5F	CA Dept of Corrections	762236	Certified	Category 2	Kern Valley State Prison, Facility A No-Man's Land	Kern	No	No	500	0	1/30/2011	Debris-General
5S	CA Dept of Corrections	764283	Certified	Category 2	CALIFORNIA STATE PRISON - SACRAMENTO	Sacramento	No	No	400	50	3/10/2011	Operator error
5F	CA Dept of Corrections	765086	Certified	Category 2	Wasco State Prison	Kern	No	No	250	0	3/4/2011	Debris-General
5F	CA Dept of Corrections	765098	Certified	Category 2	wasco state Prison	Kern	No	No	200	0	3/5/2011	Debris-General
5S	CA Dept of Corrections	762364	Certified	Category 2	minimum camp	Sacramento	No	No	125	0	2/1/2011	Vandalism
5F	CA Dept of Corrections	764056	Certified	Category 2	California State Prison Corcoran	Kings	No	No	100	0	2/15/2011	Debris-Rags
5S	CA Dept of Corrections	765850	Certified	Category 2	California State Prison- Sacramento	Sacramento	No	Yes	50	1	4/27/2011	Debris-Rags
5F	CA Dept of Corrections	765101	Certified	Category 2	wasco state prison	Kern	No	No	50	0	3/25/2011	Debris-General
5F	CA Dept of Corrections	765093	Certified	Category 2	wasco state prison	Kern	No	No	50	0	3/5/2011	Debris-General
5S	CA Dept of Corrections	760863	Certified	Category 2	Mule Creek State Prison	Amador	No	No	50	0	1/10/2011	Pump station failure
5S	CA Dept of Corrections	763955	Certified	Category 2	RC Counselor Office	San Joaquin	No	No	30	0	2/24/2011	Flow exceeded capacity (Separate CS Only)
5S	Ca Dept of Parks & Rec Central	764433	Certified	Category 2	Calaveras Big Trees State Park, Residence area	Calaveras	No	No	400	0	3/16/2011	Debris-General
5S	Clearlake Oaks Cnty Water Dist	762162	Certified	Category 2	Big Oaks Center	Lake	No	Yes	100	0	1/11/2011	Grease deposition (FOG)
5S	Colfax City	763151	Certified	Category 2	Force main near lift station #3	Placer	No	No	100	0	2/10/2011	Pipe structural problem/failure
5S	Davis City	762036	Certified	Category 2	1534 Pastal Way	Yolo	No	Yes	124	0	1/22/2011	Grease deposition (FOG)
5S	Davis City	763779	Certified	Category 2	502 E Street	Yolo	No	Yes	90	0	1/29/2011	Debris-General
5S	Davis City	765011	Certified	Category 2	1429 Cornell Dr	Yolo	No	Yes	75	0	2/23/2011	Debris-General
5S	Davis City	765950	Certified	Category 2	315 E 14th Street	Yolo	No	Yes	50	0	3/1/2011	Debris-General
5S	Davis City	765951	Certified	Category 2	645 Adams Street	Yolo	No	No	25	0	3/14/2011	Debris-General
5S	Davis City	763780	Certified	Category 2	247 3rd Street	Yolo	No	No	20	0	2/3/2011	Grease deposition (FOG)
5S	Davis City	762037	Certified	Category 2	3520 Koso St	Yolo	No	Yes	5	0	1/24/2011	Debris-General
5S	El Dorado ID	764228	Certified	Category 2	DC-2011-03-03	El Dorado	No	No	20	0	3/7/2011	Root intrusion
5S	El Dorado ID	761173	Certified	Category 2	DC-2011-01-01	El Dorado	No	No	5	0	1/10/2011	Root intrusion
5S	Folsom City	762211	Certified	Category 2	829 Fairchild Ct	Sacramento	No	Yes	30	1	1/28/2011	Root intrusion

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Category 2: All other discharges of sewage.

## SSO Spills January - March 2011

Region	Collection System Agency	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	Folsom City	761582	Certified	Category 2	100 Prewett Dr	Sacramento	No	No	5	0	1/20/2011	Root intrusion
5F	Fresno City	762511	Certified	Category 2	MH #2057-44	Fresno	No	No	190	0	1/14/2011	Root intrusion
5F	Fresno City	760861	Certified	Category 2	MANHOLE # 2554-25	Fresno	No	No	150	0	1/3/2011	Grease deposition (FOG)
5S	Galt City	764724	Certified	Category 2	844 Vintage Oak Avenue	Sacramento	No	Yes	50	0	3/23/2011	Debri-General
5R	Grizzly Lake Resort Imp Dist	763391	Certified	Category 2	United States	Plumas	No	No	400	0	2/21/2011	Grease deposition (FOG)
5S	Groveland CSD	761688	Certified	Category 2	Center of road near intersection of Pine Mount Drive	Tuolumne	No	No	30	0	1/23/2011	Root intrusion
5S	Hidden Valley Lake CSD	763264	Certified	Category 2	18791 Dove Court, Hidden Valley Lake, CA 95467	Lake	No	No	90	0	2/17/2011	Other (specify below)
5S	Ione City	763277	Certified	Category 2	713 Preston Ave	Amador	No	No	500	0	1/22/2011	Root intrusion
5S	Jackson City	762279	Certified	Category 2	Manhole AH019	Amador	No	No	75	0	1/24/2011	Root intrusion
5S	Jackson City	765243	Certified	Category 2	215 Mountain View Dr	Amador	No	No	65	0	3/31/2011	Root intrusion
5S	JAMESTOWN SD	763865	Certified	Category 2	Hwy 108 and Humbug St. Jamestown, CA 95327	Tuolumne	No	Yes	220	0	2/28/2011	Root intrusion
5F	Kern Cnty Waste Mgmt Dept	765141	Certified	Category 2	416 Monroe, FCTH	Kern	No	No	20	0	3/30/2011	Debri-General
5F	Kern Cnty Waste Mgmt Dept	764481	Certified	Category 2	MH6019 Adams Street	Kern	No	No	20	0	3/11/2011	Grease deposition (FOG)
5S	Lake Cnty	762756	Certified	Category 2	3665 Lincoln Ave	Lake	No	No	270	0	2/9/2011	Root intrusion
5S	Lake Cnty	764498	Certified	Category 2	14938 Burns Valley Road	Lake	No	No	70	0	3/18/2011	Pump station failure
5F	LATON CSD	763978	Certified	Category 2	Summit Ave. Manhole	Fresno	No	No	50	0	2/27/2011	Debri-General
5F	Lemoore City Urban Area SW Sy	765593	Certified	Category 2	Riviera and Naples	Kings	No	Yes	156	0	4/17/2011	Pump station failure
5S	Lincoln City	761341	Certified	Category 2	3rd and R Street	Placer	No	Yes	50	0	1/15/2011	Debri-Rags
5S	Lincoln City	762695	Certified	Category 2	1619 4th Street	Placer	No	No	15	0	2/4/2011	Root intrusion
5S	Lodi City	764181	Certified	Category 2	MH # N1735	San Joaquin	No	Yes	608	0	3/8/2011	Root intrusion
5S	Lodi City	762217	Certified	Category 2	MH # N2008 333 E. Tokay	San Joaquin	No	Yes	122	0	1/21/2011	Grease deposition (FOG)
5S	Lodi City	762722	Certified	Category 2	MH# P1855 Tamarack at Chruuch	San Joaquin	No	Yes	116	0	1/31/2011	Grease deposition (FOG)
5S	Lodi City	764180	Certified	Category 2	CO @ 111 S School Street	San Joaquin	No	Yes	10	0	3/2/2011	Debri-General
5F	LOS BANOS, URBAN AREA SW	762834	Certified	Category 2	Monroe Street and 7th Street	Merced	No	Yes	10	0	2/8/2011	Grease deposition (FOG)
5S	Manteca City	765589	Certified	Category 2	Woodward Avenue, 150 feet east of Bella Terra.	San Joaquin	No	No	50	0	3/4/2011	Other (specify below)
5S	Manteca City	762466	Certified	Category 2	752 Saratoga Street, Manteca, CA. 95337	San Joaquin	No	No	10	0	1/1/2011	Debri-Rags
5S	Manteca City	762547	Certified	Category 2	1345 Highton Street, Manteca, CA. 95337	San Joaquin	No	Yes	5	0	1/12/2011	Debri-General
5S	Manteca City	762469	Certified	Category 2	612 Lupton Avenue, Manteca, CA. 95337	San Joaquin	No	No	5	0	1/3/2011	Debri-General
5S	Manteca City	765590	Certified	Category 2	411 Oakwood Court, Manteca, CA. 95337	San Joaquin	No	No	2	0	3/8/2011	Debri-General
5S	Manteca City	762467	Certified	Category 2	755 McFall Place, Manteca, CA. 95337	San Joaquin	No	No	2	0	1/3/2011	Other (specify below)
5S	Manteca City	762470	Certified	Category 2	251 West Kent Street, Manteca, CA. 95337	San Joaquin	No	No	1	0	1/5/2011	Root intrusion
5F	Mariposa Cnty DPW	762002	Certified	Category 2	7296 Yosemite Park Way	Mariposa	No	No	50	0	1/20/2011	Root intrusion
5S	Marysville City	764940	Certified	Category 2	Manhole in Circle Park	Yuba	No	Yes	150	0	3/21/2011	Debri-General
5S	Marysville City	763785	Certified	Category 2	manhole on Aldridge Dr.	Yuba	No	Yes	70	0	1/27/2011	Debri-General
5S	Modesto City	760375	Certified	Category 2	1116 Oakdale Rd. APT# 4	Stanislaus	No	Yes	720	0	1/6/2011	Root intrusion
5S	Modesto City	762747	Certified	Category 2	1113 Snead Dr	Stanislaus	No	No	549	0	2/5/2011	Debri-Rags
5S	Modesto City	765025	Certified	Category 2	801 Ramona Ave	Stanislaus	No	Yes	300	0	3/30/2011	Grease deposition (FOG)
5S	Modesto City	764423	Certified	Category 2	200 S. Carpenter Rd	Stanislaus	No	No	300	0	3/15/2011	Debri-General
5S	Modesto City	762787	Certified	Category 2	1101 Avalon Dr	Stanislaus	No	No	183	0	2/5/2011	Debri-Rags
5S	Modesto City	762085	Certified	Category 2	132 Drake Ave	Stanislaus	No	No	180	0	1/27/2011	Other (specify below)
5S	Modesto City	762017	Certified	Category 2	1201 Oakdale Rd	Stanislaus	No	Yes	150	0	1/21/2011	Grease deposition (FOG)
5S	Modesto City	762728	Certified	Category 2	1817 Devonshire Ave	Stanislaus	No	No	40	0	2/8/2011	Root intrusion
5S	Modesto City	762504	Certified	Category 2	812 Carmel Dr	Stanislaus	No	No	25	0	2/2/2011	Debri-Rags
5S	Modesto City	762733	Certified	Category 2	1307 Witney Ct	Stanislaus	No	No	20	0	2/5/2011	Debri-Rags
5S	Modesto City	762842	Certified	Category 2	1307 Witney Ct	Stanislaus	No	No	20	0	2/5/2011	Debri-Rags
5S	Modesto City	760436	Certified	Category 2	Curb and gutter north off Maze Blvd.	Stanislaus	No	No	18	0	1/6/2011	Root intrusion
5S	Modesto City	764550	Certified	Category 2	1809 Red Pine Dr	Stanislaus	No	No	10	0	3/18/2011	Grease deposition (FOG)
5S	Modesto City	763203	Certified	Category 2	114 John Muir Ct	Stanislaus	No	Yes	5	0	2/14/2011	Debri-Rags
5S	Modesto City	763197	Certified	Category 2	136 John Muir Ct	Stanislaus	No	No	1	0	2/14/2011	Debri-Rags
5S	Mountain House CSD	764260	Certified	Category 2	BETHANY SCHOOL	San Joaquin	No	No	30	0	3/4/2011	Other (specify below)
5S	Napa Berryessa Resort IMP Dist	764710	Certified	Category 2	321 Bahia Vista Ct	Napa	No	No	30	0	3/22/2011	Debri-Rags
5S	Nevada CSD No 1	762323	Certified	Category 2	11808 Swallow Court, Penn Valley, Ca.	Nevada	No	No	240	0	1/31/2011	Debri-General
5F	Newman City	765949	Certified	Category 2	1906 S. St. Newman, Ca. 95360	Stanislaus	No	No	10	0	4/29/2011	Debri-General
5S	Oakdale City	760198	Certified	Category 2	N. Fifth and E. F St. Oakdale Ca.	Stanislaus	No	Yes	795	0	1/3/2011	Other (specify below)
5S	Oakdale City	762432	Certified	Category 2	250 South Oak Avenue	Stanislaus	No	Yes	391	0	2/2/2011	Debri-Rags
5S	Oakdale City	763763	Certified	Category 2	448 South Yosemite Avenue	Stanislaus	No	No	239	0	2/25/2011	Surcharged pipe (Combined CS Only)
5S	Oakdale City	761531	Certified	Category 2	77 Maxwell Ave.	Stanislaus	No	Yes	48	0	1/20/2011	Grease deposition (FOG)
5F	Orange Cove City	765963	Certified	Category 2	465 4th	Fresno	No	No	100	0	4/24/2011	Grease deposition (FOG)
5F	Orange Cove City	764428	Certified	Category 2	Orange Cove -Sanger Citrus Association	Fresno	No	No	75	0	3/16/2011	Debri-Rags

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## SSO Spills January - March 2011

Region	Collection System Agency	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
5F	Orange Cove City	764361	Certified	Category 2	Julia Lopez Day Care Center	Fresno	No	No	25	0	3/14/2011	Debris-Rags
5R	Oroville City	761687	Certified	Category 2	31 Acacia Avenue	Butte	No	No	25	0	1/7/2011	Grease deposition (FOG)
5R	Oroville City	764444	Certified	Category 2	Cleanout T-2LH	Butte	No	No	3	0	3/6/2011	Grease deposition (FOG)
5R	Oroville City	762446	Certified	Category 2	3620 Ashley Avenue	Butte	No	No	1	0	1/24/2011	Root intrusion
5S	Rancho Murieta CSD	763762	Certified	Category 2	6805 Brisa Lane - private lateral cleanout	Sacramento	No	No	118	0	2/25/2011	Debris-General
5R	Redding City	762373	Certified	Category 2	Manhole J4-13, located on parcel at 710 Pioneer Dr	Shasta	No	No	400	0	1/19/2011	Other (specify below)
5R	Redding City	763169	Certified	Category 2	Manhole E8-1, adjacent to the property at 11082 C	Shasta	No	No	138	0	2/16/2011	Root intrusion
5R	Redding City	763161	Certified	Category 2	Manhole L6-3, in Chestnut St R-O-W adjacent to 13	Shasta	No	No	50	0	2/4/2011	Root intrusion
5R	Redding City	765612	Certified	Category 2	Cleanout at 3251 School St.	Shasta	No	No	25	0	3/28/2011	Grease deposition (FOG)
5R	Redding City	765610	Certified	Category 2	Manhole K6-48, in the Tehama St ROW north of 11	Shasta	No	No	25	0	3/14/2011	Debris-Rags
5S	Riverbank City	763792	Certified	Category 2	Falcon Ridge	Stanislaus	No	No	750	730	1/23/2011	Other (specify below)
5S	Riverbank City	764943	Certified	Category 2	Riverbank Wastewater Facility	San Joaquin	No	No	500	0	2/25/2011	Grease deposition (FOG)
5S	Riverbank City	763794	Certified	Category 2	Topeka Avenue	Stanislaus	No	No	400	0	2/3/2011	Grease deposition (FOG)
5S	Riverbank City	763799	Certified	Category 2	Crawford & Roselle	Stanislaus	No	No	125	0	2/13/2011	Other (specify below)
5S	Riverbank City	763795	Certified	Category 2	Front St & 8th Street	Stanislaus	No	No	100	0	2/5/2011	Grease deposition (FOG)
5S	Riverbank City	763791	Certified	Category 2	Between 7th & 8th Street	Stanislaus	No	No	6	0	1/22/2011	Grease deposition (FOG)
5S	Roseville City	761189	Certified	Category 2	3009 Mammoth Drive	Placer	No	Yes	60	0	1/8/2011	Grease deposition (FOG)
5S	Roseville City	762884	Certified	Category 2	212 Diamond Oaks Road	Placer	No	No	10	0	2/2/2011	Grease deposition (FOG)
5S	Roseville City	765930	Certified	Category 2	207 Fourth Street	Placer	No	No	9	0	4/12/2011	Root intrusion
5S	Roseville City	762039	Certified	Category 2	221 High Street	Placer	No	No	5	0	1/27/2011	Root intrusion
5S	Sacramento Area Sewer District	765048	Certified	Category 2		21241 Sacramento	No	No	500	0	3/1/2011	Debris-General
5S	Sacramento Area Sewer District	764821	Certified	Category 2		20967 Sacramento	No	No	500	0	2/25/2011	Operator error
5S	Sacramento Area Sewer District	763029	Certified	Category 2		18061 Sacramento	No	Yes	480	0	1/15/2011	Other (specify below)
5S	Sacramento Area Sewer District	763182	Certified	Category 2		18323 Sacramento	No	Yes	460	0	1/20/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764752	Certified	Category 2		21108 Sacramento	No	Yes	300	0	2/27/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765498	Certified	Category 2		23077 Sacramento	No	Yes	260	0	3/28/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765254	Certified	Category 2		22282 Sacramento	No	No	200	0	3/14/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763732	Certified	Category 2		18332 Sacramento	No	No	200	0	1/20/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	762365	Certified	Category 2		17490 Sacramento	No	Yes	200	0	1/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764049	Certified	Category 2		20115 Sacramento	No	No	150	0	2/11/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764400	Certified	Category 2		20573 Sacramento	No	Yes	125	0	2/20/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765508	Certified	Category 2		23450 Sacramento	No	No	100	0	3/31/2011	Root intrusion
5S	Sacramento Area Sewer District	765511	Certified	Category 2		23424 Sacramento	No	No	100	0	3/31/2011	Root intrusion
5S	Sacramento Area Sewer District	765268	Certified	Category 2		21732 Sacramento	No	No	100	0	3/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764051	Certified	Category 2		20118 Sacramento	No	No	100	0	2/11/2011	Root intrusion
5S	Sacramento Area Sewer District	763471	Certified	Category 2		18884 Sacramento	No	No	100	0	1/28/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	762922	Certified	Category 2		18080 Sacramento	No	No	100	0	1/16/2011	Debris-General
5S	Sacramento Area Sewer District	764546	Certified	Category 2		21092 Sacramento	No	Yes	75	0	2/27/2011	Root intrusion
5S	Sacramento Area Sewer District	764292	Certified	Category 2		20332 Sacramento	No	No	75	0	2/16/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	762932	Certified	Category 2		18118 Sacramento	No	No	75	0	1/18/2011	Root intrusion
5S	Sacramento Area Sewer District	765286	Certified	Category 2		22628 Sacramento	No	No	60	0	3/18/2011	Root intrusion
5S	Sacramento Area Sewer District	764189	Certified	Category 2		19534 Sacramento	No	No	60	0	2/6/2011	Root intrusion
5S	Sacramento Area Sewer District	763730	Certified	Category 2		18100 Sacramento	No	Yes	60	0	1/17/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765474	Certified	Category 2		22664 Sacramento	No	No	55	0	3/21/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765522	Certified	Category 2		23341 Sacramento	No	Yes	50	0	3/30/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	765636	Certified	Category 2		23150 Sacramento	No	Yes	50	0	3/28/2011	Root intrusion
5S	Sacramento Area Sewer District	765501	Certified	Category 2		23110 Sacramento	No	No	50	0	3/28/2011	Other (specify below)
5S	Sacramento Area Sewer District	765279	Certified	Category 2		22512 Sacramento	No	Yes	50	0	3/17/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765469	Certified	Category 2		21969 Sacramento	No	Yes	50	0	3/9/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764544	Certified	Category 2		21070 Sacramento	No	No	50	0	2/26/2011	Root intrusion
5S	Sacramento Area Sewer District	764311	Certified	Category 2		20764 Sacramento	No	No	50	0	2/23/2011	Root intrusion
5S	Sacramento Area Sewer District	763967	Certified	Category 2		19294 Sacramento	No	Yes	50	0	2/2/2011	Root intrusion
5S	Sacramento Area Sewer District	763960	Certified	Category 2		19162 Sacramento	No	Yes	50	0	2/1/2011	Debris-General
5S	Sacramento Area Sewer District	764548	Certified	Category 2		21107 Sacramento	No	No	40	0	2/27/2011	Debris-General
5S	Sacramento Area Sewer District	764312	Certified	Category 2		20771 Sacramento	No	Yes	40	0	2/23/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764187	Certified	Category 2		19469 Sacramento	No	No	35	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	763294	Certified	Category 2		18959 Sacramento	No	No	34	0	1/29/2011	Root intrusion
5S	Sacramento Area Sewer District	765521	Certified	Category 2		23345 Sacramento	No	No	30	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765517	Certified	Category 2		23207 Sacramento	No	Yes	30	0	3/29/2011	Other (specify below)

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5S	Sacramento Area Sewer District	765297	Certified	Category 2		23036	Sacramento	No	No	30	0	3/25/2011	Root intrusion
5S	Sacramento Area Sewer District	765536	Certified	Category 2		22466	Sacramento	No	No	30	0	3/16/2011	Root intrusion
5S	Sacramento Area Sewer District	765117	Certified	Category 2		21827	Sacramento	No	No	30	0	3/7/2011	Debri-General
5S	Sacramento Area Sewer District	764293	Certified	Category 2		20346	Sacramento	No	No	30	0	2/16/2011	Root intrusion
5S	Sacramento Area Sewer District	764046	Certified	Category 2		20086	Sacramento	No	Yes	30	0	2/10/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	764778	Certified	Category 2		19573	Sacramento	No	No	30	0	2/7/2011	Root intrusion
5S	Sacramento Area Sewer District	764019	Certified	Category 2		19455	Sacramento	No	Yes	30	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	763971	Certified	Category 2		19344	Sacramento	No	No	30	0	2/3/2011	Root intrusion
5S	Sacramento Area Sewer District	763298	Certified	Category 2		18966	Sacramento	No	Yes	30	0	1/30/2011	Root intrusion
5S	Sacramento Area Sewer District	763811	Certified	Category 2		18868	Sacramento	No	Yes	30	0	1/28/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763040	Certified	Category 2		18533	Sacramento	No	No	30	0	1/24/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	762920	Certified	Category 2		18006	Sacramento	No	No	30	0	1/14/2011	Debri-General
5S	Sacramento Area Sewer District	762346	Certified	Category 2		17186	Sacramento	No	No	30	0	1/4/2011	Root intrusion
5S	Sacramento Area Sewer District	765507	Certified	Category 2		23162	Sacramento	No	Yes	25	0	3/29/2011	Root intrusion
5S	Sacramento Area Sewer District	765635	Certified	Category 2		22743	Sacramento	No	No	25	0	3/22/2011	Root intrusion
5S	Sacramento Area Sewer District	765256	Certified	Category 2		22319	Sacramento	No	No	25	0	3/14/2011	Other (specify below)
5S	Sacramento Area Sewer District	765275	Certified	Category 2		22173	Sacramento	No	No	25	0	3/11/2011	Root intrusion
5S	Sacramento Area Sewer District	765267	Certified	Category 2		21722	Sacramento	No	No	25	0	3/5/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	764747	Certified	Category 2		20822	Sacramento	No	No	25	0	2/23/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764210	Certified	Category 2		20270	Sacramento	No	No	25	0	2/15/2011	Root intrusion
5S	Sacramento Area Sewer District	764289	Certified	Category 2		19525	Sacramento	No	Yes	25	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764013	Certified	Category 2		19385	Sacramento	No	Yes	25	0	2/3/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763742	Certified	Category 2		18867	Sacramento	No	No	25	0	1/28/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	763467	Certified	Category 2		18818	Sacramento	No	No	25	0	1/27/2011	Root intrusion
5S	Sacramento Area Sewer District	763461	Certified	Category 2		18810	Sacramento	No	No	25	0	1/27/2011	Root intrusion
5S	Sacramento Area Sewer District	763200	Certified	Category 2		18671	Sacramento	No	No	25	0	1/25/2011	Root intrusion
5S	Sacramento Area Sewer District	763033	Certified	Category 2		18181	Sacramento	No	Yes	25	0	1/18/2011	Root intrusion
5S	Sacramento Area Sewer District	762379	Certified	Category 2		17498	Sacramento	No	No	25	0	1/9/2011	Root intrusion
5S	Sacramento Area Sewer District	765520	Certified	Category 2		23231	Sacramento	No	No	20	0	3/29/2011	Root intrusion
5S	Sacramento Area Sewer District	765479	Certified	Category 2		22729	Sacramento	No	Yes	20	0	3/21/2011	Root intrusion
5S	Sacramento Area Sewer District	765472	Certified	Category 2		22643	Sacramento	No	No	20	0	3/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764692	Certified	Category 2		20570	Sacramento	No	No	20	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764213	Certified	Category 2		20306	Sacramento	No	No	20	0	2/15/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764195	Certified	Category 2		20030	Sacramento	No	No	20	0	2/10/2011	Root intrusion
5S	Sacramento Area Sewer District	764038	Certified	Category 2		19992	Sacramento	No	No	20	0	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	763969	Certified	Category 2		19331	Sacramento	No	No	20	0	2/3/2011	Root intrusion
5S	Sacramento Area Sewer District	763297	Certified	Category 2		18965	Sacramento	No	No	20	0	1/30/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763296	Certified	Category 2		18964	Sacramento	No	No	20	0	1/30/2011	Root intrusion
5S	Sacramento Area Sewer District	763673	Certified	Category 2		18905	Sacramento	No	No	20	0	1/28/2011	Root intrusion
5S	Sacramento Area Sewer District	763180	Certified	Category 2		18314	Sacramento	No	Yes	20	0	1/20/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	762358	Certified	Category 2		17454	Sacramento	No	Yes	20	0	1/7/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	762255	Certified	Category 2		16978	Sacramento	No	No	20	0	1/2/2011	Root intrusion
5S	Sacramento Area Sewer District	763962	Certified	Category 2		19172	Sacramento	No	Yes	18	0	2/1/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765273	Certified	Category 2		22130	Sacramento	No	No	16	0	3/10/2011	Root intrusion
5S	Sacramento Area Sewer District	765118	Certified	Category 2		21829	Sacramento	No	No	15	0	3/7/2011	Root intrusion
5S	Sacramento Area Sewer District	765050	Certified	Category 2		21255	Sacramento	No	Yes	15	0	3/1/2011	Root intrusion
5S	Sacramento Area Sewer District	764322	Certified	Category 2		21225	Sacramento	No	No	15	0	2/28/2011	Root intrusion
5S	Sacramento Area Sewer District	764542	Certified	Category 2		20575	Sacramento	No	No	15	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764540	Certified	Category 2		20565	Sacramento	No	No	15	0	2/19/2011	Root intrusion
5S	Sacramento Area Sewer District	764534	Certified	Category 2		20564	Sacramento	No	No	15	0	2/19/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	764208	Certified	Category 2		20253	Sacramento	No	No	15	0	2/14/2011	Root intrusion
5S	Sacramento Area Sewer District	764048	Certified	Category 2		20113	Sacramento	No	No	15	0	2/10/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764194	Certified	Category 2		19639	Sacramento	No	No	15	0	2/7/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764020	Certified	Category 2		19467	Sacramento	No	Yes	15	0	2/4/2011	Debri-General
5S	Sacramento Area Sewer District	763290	Certified	Category 2		18863	Sacramento	No	No	15	0	1/28/2011	Root intrusion
5S	Sacramento Area Sewer District	763740	Certified	Category 2		18673	Sacramento	No	No	15	0	1/25/2011	Root intrusion
5S	Sacramento Area Sewer District	763668	Certified	Category 2		18525	Sacramento	No	No	15	0	1/23/2011	Root intrusion
5S	Sacramento Area Sewer District	763722	Certified	Category 2		17748	Sacramento	No	No	15	0	1/12/2011	Root intrusion
5S	Sacramento Area Sewer District	762348	Certified	Category 2		17187	Sacramento	No	No	15	0	1/4/2011	Grease deposition (FOG)

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.

SSO Spills January - March 2011

Region	Collection System Agency	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	Sacramento Area Sewer District	763659	Certified	Category 2		18512 Sacramento	No	No	13	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	762384	Certified	Category 2		17546 Sacramento	No	Yes	12	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762343	Certified	Category 2		17118 Sacramento	No	No	12	0	1/3/2011	Root intrusion
5S	Sacramento Area Sewer District	762916	Certified	Category 2		17755 Sacramento	No	No	11	0	1/12/2011	Root intrusion
5S	Sacramento Area Sewer District	765523	Certified	Category 2		23326 Sacramento	No	No	10	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765505	Certified	Category 2		23148 Sacramento	No	No	10	0	3/28/2011	Root intrusion
5S	Sacramento Area Sewer District	765491	Certified	Category 2		23045 Sacramento	No	No	10	0	3/26/2011	Vandalism
5S	Sacramento Area Sewer District	765296	Certified	Category 2		23034 Sacramento	No	No	10	0	3/25/2011	Root intrusion
5S	Sacramento Area Sewer District	765632	Certified	Category 2		22533 Sacramento	No	No	10	0	3/17/2011	Root intrusion
5S	Sacramento Area Sewer District	765249	Certified	Category 2		22233 Sacramento	No	No	10	0	3/12/2011	Root intrusion
5S	Sacramento Area Sewer District	765240	Certified	Category 2		22224 Sacramento	No	No	10	0	3/12/2011	Root intrusion
5S	Sacramento Area Sewer District	765237	Certified	Category 2		22206 Sacramento	No	No	10	0	3/11/2011	Root intrusion
5S	Sacramento Area Sewer District	765122	Certified	Category 2		21902 Sacramento	No	No	10	0	3/8/2011	Root intrusion
5S	Sacramento Area Sewer District	765269	Certified	Category 2		21767 Sacramento	No	No	10	0	3/7/2011	Root intrusion
5S	Sacramento Area Sewer District	765080	Certified	Category 2		21542 Sacramento	No	No	10	0	3/3/2011	Root intrusion
5S	Sacramento Area Sewer District	765264	Certified	Category 2		21362 Sacramento	No	No	10	0	3/2/2011	Root intrusion
5S	Sacramento Area Sewer District	764323	Certified	Category 2		21227 Sacramento	No	No	10	0	2/28/2011	Root intrusion
5S	Sacramento Area Sewer District	764413	Certified	Category 2		21201 Sacramento	No	No	10	0	2/28/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764696	Certified	Category 2		21191 Sacramento	No	No	10	0	2/28/2011	Operator error
5S	Sacramento Area Sewer District	764690	Certified	Category 2		22435 Sacramento	No	No	10	0	2/27/2011	Root intrusion
5S	Sacramento Area Sewer District	764746	Certified	Category 2		20820 Sacramento	No	No	10	0	2/23/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764309	Certified	Category 2		20739 Sacramento	No	No	10	0	2/23/2011	Root intrusion
5S	Sacramento Area Sewer District	764307	Certified	Category 2		20684 Sacramento	No	No	10	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764536	Certified	Category 2		20622 Sacramento	No	No	10	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764406	Certified	Category 2		20588 Sacramento	No	Yes	10	0	2/21/2011	Root intrusion
5S	Sacramento Area Sewer District	764391	Certified	Category 2		20485 Sacramento	No	No	10	0	2/17/2011	Root intrusion
5S	Sacramento Area Sewer District	764041	Certified	Category 2		20046 Sacramento	No	No	10	0	2/10/2011	Root intrusion
5S	Sacramento Area Sewer District	764039	Certified	Category 2		20028 Sacramento	No	No	10	0	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764385	Certified	Category 2		20027 Sacramento	No	No	10	0	2/9/2011	Other (specify below)
5S	Sacramento Area Sewer District	764031	Certified	Category 2		19672 Sacramento	No	No	10	0	2/8/2011	Root intrusion
5S	Sacramento Area Sewer District	764190	Certified	Category 2		19543 Sacramento	No	No	10	0	2/7/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	764027	Certified	Category 2		19535 Sacramento	No	No	10	0	2/6/2011	Root intrusion
5S	Sacramento Area Sewer District	763470	Certified	Category 2		18830 Sacramento	No	No	10	0	1/27/2011	Root intrusion
5S	Sacramento Area Sewer District	763462	Certified	Category 2		18813 Sacramento	No	No	10	0	1/27/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	763202	Certified	Category 2		18698 Sacramento	No	Yes	10	0	1/25/2011	Root intrusion
5S	Sacramento Area Sewer District	763192	Certified	Category 2		18551 Sacramento	No	Yes	10	0	1/24/2011	Root intrusion
5S	Sacramento Area Sewer District	763445	Certified	Category 2		18491 Sacramento	No	No	10	0	1/21/2011	Root intrusion
5S	Sacramento Area Sewer District	763191	Certified	Category 2		18443 Sacramento	No	Yes	10	0	1/21/2011	Root intrusion
5S	Sacramento Area Sewer District	763186	Certified	Category 2		18405 Sacramento	No	No	10	0	1/20/2011	Root intrusion
5S	Sacramento Area Sewer District	763184	Certified	Category 2		18402 Sacramento	No	No	10	0	1/20/2011	Root intrusion
5S	Sacramento Area Sewer District	762594	Certified	Category 2		18079 Sacramento	No	No	10	0	1/16/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763026	Certified	Category 2		18053 Sacramento	No	No	10	0	1/14/2011	Root intrusion
5S	Sacramento Area Sewer District	762589	Certified	Category 2		17779 Sacramento	No	No	10	0	1/12/2011	Root intrusion
5S	Sacramento Area Sewer District	763432	Certified	Category 2		17521 Sacramento	No	No	10	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762382	Certified	Category 2		17517 Sacramento	No	Yes	10	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762345	Certified	Category 2		17163 Sacramento	No	No	10	0	1/4/2011	Root intrusion
5S	Sacramento Area Sewer District	765127	Certified	Category 2		21966 Sacramento	No	No	9	0	3/9/2011	Root intrusion
5S	Sacramento Area Sewer District	765495	Certified	Category 2		23053 Sacramento	No	No	8	0	3/27/2011	Root intrusion
5S	Sacramento Area Sewer District	764202	Certified	Category 2		20149 Sacramento	No	No	8	0	2/12/2011	Root intrusion
5S	Sacramento Area Sewer District	764042	Certified	Category 2		20061 Sacramento	No	No	8	0	2/10/2011	Root intrusion
5S	Sacramento Area Sewer District	764745	Certified	Category 2		19798 Sacramento	No	No	8	0	2/8/2011	Root intrusion
5S	Sacramento Area Sewer District	763292	Certified	Category 2		18948 Sacramento	No	No	8	0	1/29/2011	Root intrusion
5S	Sacramento Area Sewer District	763213	Certified	Category 2		18762 Sacramento	No	No	8	0	1/26/2011	Root intrusion
5S	Sacramento Area Sewer District	763208	Certified	Category 2		18749 Sacramento	No	No	8	0	1/26/2011	Debr-General
5S	Sacramento Area Sewer District	762388	Certified	Category 2		17660 Sacramento	No	Yes	8	0	1/11/2011	Root intrusion
5S	Sacramento Area Sewer District	762386	Certified	Category 2		17614 Sacramento	No	No	8	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762565	Certified	Category 2		17593 Sacramento	No	No	8	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762557	Certified	Category 2		17372 Sacramento	No	No	8	0	1/6/2011	Root intrusion
5S	Sacramento Area Sewer District	765518	Certified	Category 2		23376 Sacramento	No	No	7	0	3/31/2011	Root intrusion

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SSO Spills January - March 2011

Region	Collection System Agency	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	Sacramento Area Sewer District	765640	Certified	Category 2	22407	Sacramento	No	No	7	0	3/15/2011	Root intrusion
5S	Sacramento Area Sewer District	764693	Certified	Category 2	21084	Sacramento	No	No	7	0	2/26/2011	Root intrusion
5S	Sacramento Area Sewer District	764285	Certified	Category 2	19484	Sacramento	No	No	7	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	763212	Certified	Category 2	18760	Sacramento	No	No	7	0	1/26/2011	Debr-General
5S	Sacramento Area Sewer District	762938	Certified	Category 2	18140	Sacramento	No	No	7	0	1/18/2011	Root intrusion
5S	Sacramento Area Sewer District	762378	Certified	Category 2	17497	Sacramento	No	No	7	0	1/9/2011	Other (specify below)
5S	Sacramento Area Sewer District	765532	Certified	Category 2	23296	Sacramento	No	No	6	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765281	Certified	Category 2	22553	Sacramento	No	No	6	0	3/17/2011	Root intrusion
5S	Sacramento Area Sewer District	765120	Certified	Category 2	21865	Sacramento	No	No	6	0	3/8/2011	Root intrusion
5S	Sacramento Area Sewer District	765065	Certified	Category 2	21401	Sacramento	No	No	6	0	3/2/2011	Root intrusion
5S	Sacramento Area Sewer District	765064	Certified	Category 2	21397	Sacramento	No	No	6	0	3/2/2011	Debr-General
5S	Sacramento Area Sewer District	764535	Certified	Category 2	20586	Sacramento	No	No	6	0	2/21/2011	Root intrusion
5S	Sacramento Area Sewer District	764197	Certified	Category 2	20133	Sacramento	No	No	6	0	2/11/2011	Root intrusion
5S	Sacramento Area Sewer District	764380	Certified	Category 2	19386	Sacramento	No	No	6	0	2/3/2011	Root intrusion
5S	Sacramento Area Sewer District	763301	Certified	Category 2	19039	Sacramento	No	No	6	0	1/31/2011	Root intrusion
5S	Sacramento Area Sewer District	763291	Certified	Category 2	18947	Sacramento	No	No	6	0	1/29/2011	Root intrusion
5S	Sacramento Area Sewer District	763210	Certified	Category 2	18759	Sacramento	No	No	6	0	1/26/2011	Root intrusion
5S	Sacramento Area Sewer District	763196	Certified	Category 2	18586	Sacramento	No	No	6	0	1/24/2011	Root intrusion
5S	Sacramento Area Sewer District	763179	Certified	Category 2	18308	Sacramento	No	No	6	0	1/19/2011	Root intrusion
5S	Sacramento Area Sewer District	762921	Certified	Category 2	18038	Sacramento	No	No	6	0	1/14/2011	Root intrusion
5S	Sacramento Area Sewer District	762568	Certified	Category 2	17611	Sacramento	No	No	6	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	763720	Certified	Category 2	17470	Sacramento	No	No	6	0	1/8/2011	Root intrusion
5S	Sacramento Area Sewer District	762353	Certified	Category 2	17257	Sacramento	No	No	6	0	1/5/2011	Root intrusion
5S	Sacramento Area Sewer District	762552	Certified	Category 2	17054	Sacramento	No	Yes	6	0	1/3/2011	Root intrusion
5S	Sacramento Area Sewer District	765515	Certified	Category 2	23409	Sacramento	No	No	5	0	3/31/2011	Root intrusion
5S	Sacramento Area Sewer District	765528	Certified	Category 2	23311	Sacramento	No	No	5	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765531	Certified	Category 2	23294	Sacramento	No	No	5	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765530	Certified	Category 2	23270	Sacramento	No	No	5	0	3/30/2011	Operator error
5S	Sacramento Area Sewer District	765489	Certified	Category 2	23044	Sacramento	No	No	5	0	3/26/2011	Root intrusion
5S	Sacramento Area Sewer District	765642	Certified	Category 2	22660	Sacramento	No	No	5	0	3/21/2011	Root intrusion
5S	Sacramento Area Sewer District	765252	Certified	Category 2	22243	Sacramento	No	No	5	0	3/13/2011	Root intrusion
5S	Sacramento Area Sewer District	765248	Certified	Category 2	22231	Sacramento	No	No	5	0	3/12/2011	Root intrusion
5S	Sacramento Area Sewer District	765245	Certified	Category 2	22225	Sacramento	No	No	5	0	3/12/2011	Root intrusion
5S	Sacramento Area Sewer District	765119	Certified	Category 2	21854	Sacramento	No	No	5	0	3/8/2011	Root intrusion
5S	Sacramento Area Sewer District	765115	Certified	Category 2	21787	Sacramento	No	No	5	0	3/7/2011	Root intrusion
5S	Sacramento Area Sewer District	765112	Certified	Category 2	21707	Sacramento	No	No	5	0	3/4/2011	Root intrusion
5S	Sacramento Area Sewer District	765070	Certified	Category 2	21474	Sacramento	No	No	5	0	3/3/2011	Operator error
5S	Sacramento Area Sewer District	764694	Certified	Category 2	21089	Sacramento	No	No	5	0	2/27/2011	Root intrusion
5S	Sacramento Area Sewer District	764215	Certified	Category 2	20985	Sacramento	No	No	5	0	2/25/2011	Root intrusion
5S	Sacramento Area Sewer District	764306	Certified	Category 2	20677	Sacramento	No	No	5	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764304	Certified	Category 2	20615	Sacramento	No	No	5	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764404	Certified	Category 2	20581	Sacramento	No	No	5	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764403	Certified	Category 2	20580	Sacramento	No	No	5	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764399	Certified	Category 2	20572	Sacramento	No	No	5	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764211	Certified	Category 2	20298	Sacramento	No	No	5	0	2/15/2011	Root intrusion
5S	Sacramento Area Sewer District	764201	Certified	Category 2	20148	Sacramento	No	No	5	0	2/12/2011	Root intrusion
5S	Sacramento Area Sewer District	764200	Certified	Category 2	20142	Sacramento	No	No	5	0	2/12/2011	Debr-General
5S	Sacramento Area Sewer District	764052	Certified	Category 2	20120	Sacramento	No	Yes	5	0	2/11/2011	Debr-General
5S	Sacramento Area Sewer District	764044	Certified	Category 2	20076	Sacramento	No	No	5	0	2/10/2011	Root intrusion
5S	Sacramento Area Sewer District	764043	Certified	Category 2	20068	Sacramento	No	Yes	5	0	2/10/2011	Root intrusion
5S	Sacramento Area Sewer District	764040	Certified	Category 2	20040	Sacramento	No	No	5	0	2/10/2011	Other (specify below)
5S	Sacramento Area Sewer District	764030	Certified	Category 2	19575	Sacramento	No	No	5	0	2/7/2011	Root intrusion
5S	Sacramento Area Sewer District	764290	Certified	Category 2	19529	Sacramento	No	No	5	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764381	Certified	Category 2	19512	Sacramento	No	Yes	5	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764025	Certified	Category 2	19511	Sacramento	No	No	5	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	763302	Certified	Category 2	19085	Sacramento	No	No	5	0	1/31/2011	Root intrusion
5S	Sacramento Area Sewer District	763209	Certified	Category 2	18755	Sacramento	No	No	5	0	1/26/2011	Root intrusion
5S	Sacramento Area Sewer District	763671	Certified	Category 2	18637	Sacramento	No	No	5	0	1/24/2011	Root intrusion
5S	Sacramento Area Sewer District	763739	Certified	Category 2	18548	Sacramento	No	No	5	0	1/24/2011	Root intrusion

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5S	Sacramento Area Sewer District	763452	Certified	Category 2		18496	Sacramento	No	No	5	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	763449	Certified	Category 2		18494	Sacramento	No	No	5	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	763189	Certified	Category 2		18415	Sacramento	No	No	5	0	1/21/2011	Root intrusion
5S	Sacramento Area Sewer District	763188	Certified	Category 2		18406	Sacramento	No	No	5	0	1/20/2011	Root intrusion
5S	Sacramento Area Sewer District	763036	Certified	Category 2		18264	Sacramento	No	No	5	0	1/19/2011	Root intrusion
5S	Sacramento Area Sewer District	762931	Certified	Category 2		18092	Sacramento	No	No	5	0	1/17/2011	Root intrusion
5S	Sacramento Area Sewer District	762930	Certified	Category 2		18091	Sacramento	No	Yes	5	0	1/17/2011	Root intrusion
5S	Sacramento Area Sewer District	763729	Certified	Category 2		18088	Sacramento	No	No	5	0	1/17/2011	Root intrusion
5S	Sacramento Area Sewer District	762924	Certified	Category 2		18083	Sacramento	No	No	5	0	1/17/2011	Root intrusion
5S	Sacramento Area Sewer District	762593	Certified	Category 2		18077	Sacramento	No	Yes	5	0	1/16/2011	Root intrusion
5S	Sacramento Area Sewer District	762383	Certified	Category 2		17525	Sacramento	No	No	5	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762562	Certified	Category 2		17472	Sacramento	No	No	5	0	1/8/2011	Root intrusion
5S	Sacramento Area Sewer District	762249	Certified	Category 2		16958	Sacramento	No	No	5	0	1/1/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765519	Certified	Category 2		23346	Sacramento	No	No	4	0	3/31/2011	Root intrusion
5S	Sacramento Area Sewer District	765529	Certified	Category 2		23269	Sacramento	No	No	4	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765506	Certified	Category 2		23160	Sacramento	No	No	4	0	3/29/2011	Root intrusion
5S	Sacramento Area Sewer District	765499	Certified	Category 2		23091	Sacramento	No	No	4	0	3/28/2011	Root intrusion
5S	Sacramento Area Sewer District	765492	Certified	Category 2		23047	Sacramento	No	No	4	0	3/27/2011	Root intrusion
5S	Sacramento Area Sewer District	765287	Certified	Category 2		22918	Sacramento	No	No	4	0	3/24/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765125	Certified	Category 2		21920	Sacramento	No	No	4	0	3/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764318	Certified	Category 2		20938	Sacramento	No	No	4	0	2/24/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764539	Certified	Category 2		20796	Sacramento	No	No	4	0	2/23/2011	Root intrusion
5S	Sacramento Area Sewer District	764305	Certified	Category 2		20668	Sacramento	No	No	4	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764207	Certified	Category 2		20252	Sacramento	No	No	4	0	2/14/2011	Root intrusion
5S	Sacramento Area Sewer District	763958	Certified	Category 2		19145	Sacramento	No	No	4	0	2/1/2011	Other (specify below)
5S	Sacramento Area Sewer District	763295	Certified	Category 2		18962	Sacramento	No	No	4	0	1/30/2011	Root intrusion
5S	Sacramento Area Sewer District	763201	Certified	Category 2		18696	Sacramento	No	No	4	0	1/25/2011	Root intrusion
5S	Sacramento Area Sewer District	763199	Certified	Category 2		18643	Sacramento	No	No	4	0	1/24/2011	Root intrusion
5S	Sacramento Area Sewer District	763181	Certified	Category 2		18322	Sacramento	No	No	4	0	1/20/2011	Root intrusion
5S	Sacramento Area Sewer District	763034	Certified	Category 2		18205	Sacramento	No	No	4	0	1/18/2011	Debris-General
5S	Sacramento Area Sewer District	762927	Certified	Category 2		18086	Sacramento	No	No	4	0	1/17/2011	Other (specify below)
5S	Sacramento Area Sewer District	763027	Certified	Category 2		18054	Sacramento	No	No	4	0	1/14/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	762918	Certified	Category 2		17965	Sacramento	No	No	4	0	1/13/2011	Root intrusion
5S	Sacramento Area Sewer District	762917	Certified	Category 2		17922	Sacramento	No	No	4	0	1/13/2011	Root intrusion
5S	Sacramento Area Sewer District	763434	Certified	Category 2		17710	Sacramento	No	No	4	0	1/11/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	763753	Certified	Category 2		17481	Sacramento	No	No	4	0	1/8/2011	Root intrusion
5S	Sacramento Area Sewer District	763651	Certified	Category 2		17467	Sacramento	No	No	4	0	1/8/2011	Root intrusion
5S	Sacramento Area Sewer District	763430	Certified	Category 2		17373	Sacramento	No	No	4	0	1/6/2011	Root intrusion
5S	Sacramento Area Sewer District	762556	Certified	Category 2		17305	Sacramento	No	No	4	0	1/6/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	762555	Certified	Category 2		17267	Sacramento	No	No	4	0	1/5/2011	Root intrusion
5S	Sacramento Area Sewer District	765526	Certified	Category 2		23320	Sacramento	No	No	3	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765524	Certified	Category 2		23249	Sacramento	No	No	3	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765493	Certified	Category 2		23051	Sacramento	No	No	3	0	3/27/2011	Root intrusion
5S	Sacramento Area Sewer District	765294	Certified	Category 2		22962	Sacramento	No	No	3	0	3/24/2011	Root intrusion
5S	Sacramento Area Sewer District	765485	Certified	Category 2		22848	Sacramento	No	No	3	0	3/23/2011	Root intrusion
5S	Sacramento Area Sewer District	765483	Certified	Category 2		22825	Sacramento	No	No	3	0	3/23/2011	Root intrusion
5S	Sacramento Area Sewer District	765482	Certified	Category 2		22786	Sacramento	No	No	3	0	3/22/2011	Root intrusion
5S	Sacramento Area Sewer District	765290	Certified	Category 2		22640	Sacramento	No	No	3	0	3/20/2011	Root intrusion
5S	Sacramento Area Sewer District	765285	Certified	Category 2		22624	Sacramento	No	No	3	0	3/18/2011	Root intrusion
5S	Sacramento Area Sewer District	765278	Certified	Category 2		22485	Sacramento	No	No	3	0	3/16/2011	Root intrusion
5S	Sacramento Area Sewer District	765471	Certified	Category 2		22406	Sacramento	No	No	3	0	3/15/2011	Root intrusion
5S	Sacramento Area Sewer District	765262	Certified	Category 2		22395	Sacramento	No	No	3	0	3/15/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	765239	Certified	Category 2		22221	Sacramento	No	No	3	0	3/11/2011	Root intrusion
5S	Sacramento Area Sewer District	765116	Certified	Category 2		21796	Sacramento	No	No	3	0	3/7/2011	Root intrusion
5S	Sacramento Area Sewer District	765081	Certified	Category 2		21578	Sacramento	No	No	3	0	3/3/2011	Root intrusion
5S	Sacramento Area Sewer District	765077	Certified	Category 2		21490	Sacramento	No	No	3	0	3/3/2011	Root intrusion
5S	Sacramento Area Sewer District	764308	Certified	Category 2		20685	Sacramento	No	No	3	0	2/23/2011	Root intrusion
5S	Sacramento Area Sewer District	764537	Certified	Category 2		20681	Sacramento	No	No	3	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764397	Certified	Category 2		20567	Sacramento	No	No	3	0	2/19/2011	Pipe structural problem/failure

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.

SSO Spills January - March 2011

Region	Collection System Agency	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	Sacramento Area Sewer District	764387	Certified	Category 2	20355	Sacramento	No	No	3	0	2/16/2011	Root intrusion
5S	Sacramento Area Sewer District	764214	Certified	Category 2	20323	Sacramento	No	No	3	0	2/16/2011	Root intrusion
5S	Sacramento Area Sewer District	764206	Certified	Category 2	20215	Sacramento	No	No	3	0	2/14/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	764204	Certified	Category 2	20157	Sacramento	No	No	3	0	2/13/2011	Root intrusion
5S	Sacramento Area Sewer District	764047	Certified	Category 2	20111	Sacramento	No	No	3	0	2/10/2011	Root intrusion
5S	Sacramento Area Sewer District	764037	Certified	Category 2	19991	Sacramento	No	No	3	0	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764028	Certified	Category 2	19548	Sacramento	No	No	3	0	2/7/2011	Other (specify below)
5S	Sacramento Area Sewer District	764286	Certified	Category 2	19514	Sacramento	No	No	3	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764021	Certified	Category 2	19502	Sacramento	No	No	3	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	764014	Certified	Category 2	19404	Sacramento	No	No	3	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	763973	Certified	Category 2	19372	Sacramento	No	No	3	0	2/3/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763293	Certified	Category 2	18951	Sacramento	No	No	3	0	1/29/2011	Root intrusion
5S	Sacramento Area Sewer District	763464	Certified	Category 2	18814	Sacramento	No	No	3	0	1/27/2011	Root intrusion
5S	Sacramento Area Sewer District	763206	Certified	Category 2	18705	Sacramento	No	No	3	0	1/25/2011	Root intrusion
5S	Sacramento Area Sewer District	763204	Certified	Category 2	18704	Sacramento	No	No	3	0	1/25/2011	Debri-General
5S	Sacramento Area Sewer District	763195	Certified	Category 2	18583	Sacramento	No	No	3	0	1/24/2011	Root intrusion
5S	Sacramento Area Sewer District	763738	Certified	Category 2	18519	Sacramento	No	No	3	0	1/23/2011	Root intrusion
5S	Sacramento Area Sewer District	763660	Certified	Category 2	18517	Sacramento	No	No	3	0	1/23/2011	Root intrusion
5S	Sacramento Area Sewer District	763657	Certified	Category 2	18506	Sacramento	No	No	3	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	763183	Certified	Category 2	18366	Sacramento	No	No	3	0	1/20/2011	Root intrusion
5S	Sacramento Area Sewer District	763443	Certified	Category 2	18283	Sacramento	No	No	3	0	1/19/2011	Root intrusion
5S	Sacramento Area Sewer District	763438	Certified	Category 2	18093	Sacramento	No	No	3	0	1/17/2011	Root intrusion
5S	Sacramento Area Sewer District	762929	Certified	Category 2	18090	Sacramento	No	No	3	0	1/17/2011	Root intrusion
5S	Sacramento Area Sewer District	762925	Certified	Category 2	18084	Sacramento	No	No	3	0	1/17/2011	Root intrusion
5S	Sacramento Area Sewer District	763437	Certified	Category 2	17723	Sacramento	No	No	3	0	1/11/2011	Root intrusion
5S	Sacramento Area Sewer District	762587	Certified	Category 2	17701	Sacramento	No	No	3	0	1/11/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	762569	Certified	Category 2	17612	Sacramento	No	No	3	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762381	Certified	Category 2	17512	Sacramento	No	No	3	0	1/10/2011	Root intrusion
5S	Sacramento Area Sewer District	762363	Certified	Category 2	17463	Sacramento	No	No	3	0	1/8/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	762561	Certified	Category 2	17450	Sacramento	No	No	3	0	1/7/2011	Root intrusion
5S	Sacramento Area Sewer District	762554	Certified	Category 2	17265	Sacramento	No	No	3	0	1/5/2011	Root intrusion
5S	Sacramento Area Sewer District	762356	Certified	Category 2	17262	Sacramento	No	No	3	0	1/5/2011	Root intrusion
5S	Sacramento Area Sewer District	762351	Certified	Category 2	17205	Sacramento	No	No	3	0	1/4/2011	Root intrusion
5S	Sacramento Area Sewer District	762349	Certified	Category 2	17204	Sacramento	No	No	3	0	1/4/2011	Debri-General
5S	Sacramento Area Sewer District	762251	Certified	Category 2	16963	Sacramento	No	No	3	0	1/1/2011	Root intrusion
5S	Sacramento Area Sewer District	765513	Certified	Category 2	23410	Sacramento	No	No	2	0	3/31/2011	Root intrusion
5S	Sacramento Area Sewer District	765525	Certified	Category 2	23322	Sacramento	No	No	2	0	3/30/2011	Root intrusion
5S	Sacramento Area Sewer District	765527	Certified	Category 2	23268	Sacramento	No	No	2	0	3/30/2011	Operator error
5S	Sacramento Area Sewer District	765516	Certified	Category 2	23204	Sacramento	No	No	2	0	3/29/2011	Root intrusion
5S	Sacramento Area Sewer District	765514	Certified	Category 2	23194	Sacramento	No	No	2	0	3/29/2011	Root intrusion
5S	Sacramento Area Sewer District	765510	Certified	Category 2	23176	Sacramento	No	No	2	0	3/29/2011	Root intrusion
5S	Sacramento Area Sewer District	765504	Certified	Category 2	23147	Sacramento	No	No	2	0	3/28/2011	Root intrusion
5S	Sacramento Area Sewer District	765503	Certified	Category 2	23145	Sacramento	No	No	2	0	3/28/2011	Root intrusion
5S	Sacramento Area Sewer District	765502	Certified	Category 2	23137	Sacramento	No	No	2	0	3/28/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	765497	Certified	Category 2	23075	Sacramento	No	No	2	0	3/28/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	765496	Certified	Category 2	23061	Sacramento	No	No	2	0	3/27/2011	Root intrusion
5S	Sacramento Area Sewer District	765494	Certified	Category 2	23052	Sacramento	No	Yes	2	0	3/27/2011	Root intrusion
5S	Sacramento Area Sewer District	765488	Certified	Category 2	23038	Sacramento	No	No	2	0	3/26/2011	Root intrusion
5S	Sacramento Area Sewer District	765295	Certified	Category 2	22976	Sacramento	No	No	2	0	3/25/2011	Debri-General
5S	Sacramento Area Sewer District	765645	Certified	Category 2	22975	Sacramento	No	No	2	0	3/25/2011	Operator error
5S	Sacramento Area Sewer District	765487	Certified	Category 2	22933	Sacramento	No	No	2	0	3/24/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	765481	Certified	Category 2	22777	Sacramento	No	No	2	0	3/22/2011	Other (specify below)
5S	Sacramento Area Sewer District	765473	Certified	Category 2	22644	Sacramento	No	No	2	0	3/20/2011	Root intrusion
5S	Sacramento Area Sewer District	765283	Certified	Category 2	22592	Sacramento	No	No	2	0	3/18/2011	Debri-General
5S	Sacramento Area Sewer District	765276	Certified	Category 2	22405	Sacramento	No	No	2	0	3/15/2011	Root intrusion
5S	Sacramento Area Sewer District	765255	Certified	Category 2	22286	Sacramento	No	No	2	0	3/14/2011	Debri-General
5S	Sacramento Area Sewer District	765253	Certified	Category 2	22257	Sacramento	No	No	2	0	3/14/2011	Root intrusion
5S	Sacramento Area Sewer District	765250	Certified	Category 2	22236	Sacramento	No	No	2	0	3/12/2011	Root intrusion
5S	Sacramento Area Sewer District	765246	Certified	Category 2	22229	Sacramento	No	No	2	0	3/12/2011	Root intrusion

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Category 2: All other discharges of sewage.

SSO Spills January - March 2011

Region	Collection System Agency	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	Sacramento Area Sewer District	765272	Certified	Category 2	22105	Sacramento	No	No	2	0	3/10/2011	Root intrusion
5S	Sacramento Area Sewer District	765130	Certified	Category 2	22017	Sacramento	No	No	2	0	3/9/2011	Root intrusion
5S	Sacramento Area Sewer District	765270	Certified	Category 2	21777	Sacramento	No	No	2	0	3/7/2011	Root intrusion
5S	Sacramento Area Sewer District	765114	Certified	Category 2	21734	Sacramento	No	No	2	0	3/5/2011	Root intrusion
5S	Sacramento Area Sewer District	765111	Certified	Category 2	21704	Sacramento	No	No	2	0	3/4/2011	Root intrusion
5S	Sacramento Area Sewer District	765062	Certified	Category 2	21395	Sacramento	No	No	2	0	3/2/2011	Vandalism
5S	Sacramento Area Sewer District	765060	Certified	Category 2	21394	Sacramento	No	No	2	0	3/2/2011	Root intrusion
5S	Sacramento Area Sewer District	765059	Certified	Category 2	21377	Sacramento	No	No	2	0	3/2/2011	Root intrusion
5S	Sacramento Area Sewer District	765266	Certified	Category 2	21364	Sacramento	No	No	2	0	3/2/2011	Root intrusion
5S	Sacramento Area Sewer District	765055	Certified	Category 2	21291	Sacramento	No	No	2	0	3/1/2011	Debri-General
5S	Sacramento Area Sewer District	765054	Certified	Category 2	21290	Sacramento	No	No	2	0	3/1/2011	Root intrusion
5S	Sacramento Area Sewer District	765053	Certified	Category 2	21282	Sacramento	No	No	2	0	3/1/2011	Root intrusion
5S	Sacramento Area Sewer District	765637	Certified	Category 2	21244	Sacramento	No	No	2	0	3/1/2011	Root intrusion
5S	Sacramento Area Sewer District	764321	Certified	Category 2	21178	Sacramento	No	No	2	0	2/28/2011	Root intrusion
5S	Sacramento Area Sewer District	764320	Certified	Category 2	21157	Sacramento	No	No	2	0	2/28/2011	Root intrusion
5S	Sacramento Area Sewer District	764319	Certified	Category 2	21156	Sacramento	No	No	2	0	2/28/2011	Root intrusion
5S	Sacramento Area Sewer District	764549	Certified	Category 2	21130	Sacramento	No	No	2	0	2/28/2011	Root intrusion
5S	Sacramento Area Sewer District	764695	Certified	Category 2	21096	Sacramento	No	No	2	0	2/27/2011	Root intrusion
5S	Sacramento Area Sewer District	764543	Certified	Category 2	21063	Sacramento	No	No	2	0	2/25/2011	Root intrusion
5S	Sacramento Area Sewer District	764316	Certified	Category 2	20868	Sacramento	No	No	2	0	2/24/2011	Root intrusion
5S	Sacramento Area Sewer District	764315	Certified	Category 2	20818	Sacramento	No	No	2	0	2/23/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	764412	Certified	Category 2	20718	Sacramento	No	No	2	0	2/23/2011	Root intrusion
5S	Sacramento Area Sewer District	764303	Certified	Category 2	20608	Sacramento	No	No	2	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764402	Certified	Category 2	20578	Sacramento	No	No	2	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764401	Certified	Category 2	20574	Sacramento	No	No	2	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764691	Certified	Category 2	20569	Sacramento	No	No	2	0	2/20/2011	Root intrusion
5S	Sacramento Area Sewer District	764395	Certified	Category 2	20562	Sacramento	No	No	2	0	2/19/2011	Root intrusion
5S	Sacramento Area Sewer District	764394	Certified	Category 2	20524	Sacramento	No	No	2	0	2/18/2011	Root intrusion
5S	Sacramento Area Sewer District	764390	Certified	Category 2	20459	Sacramento	No	No	2	0	2/17/2011	Root intrusion
5S	Sacramento Area Sewer District	764389	Certified	Category 2	20435	Sacramento	No	No	2	0	2/17/2011	Root intrusion
5S	Sacramento Area Sewer District	764388	Certified	Category 2	20381	Sacramento	No	No	2	0	2/16/2011	Debri-General
5S	Sacramento Area Sewer District	764386	Certified	Category 2	20285	Sacramento	No	No	2	0	2/15/2011	Root intrusion
5S	Sacramento Area Sewer District	764205	Certified	Category 2	20193	Sacramento	No	No	2	0	2/14/2011	Root intrusion
5S	Sacramento Area Sewer District	764196	Certified	Category 2	20122	Sacramento	No	No	2	0	2/11/2011	Root intrusion
5S	Sacramento Area Sewer District	764384	Certified	Category 2	20017	Sacramento	No	No	2	0	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764291	Certified	Category 2	19989	Sacramento	No	No	2	0	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764036	Certified	Category 2	19975	Sacramento	No	No	2	0	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764035	Certified	Category 2	19905	Sacramento	No	No	2	0	2/9/2011	Root intrusion
5S	Sacramento Area Sewer District	764034	Certified	Category 2	19807	Sacramento	No	No	2	0	2/8/2011	Root intrusion
5S	Sacramento Area Sewer District	764029	Certified	Category 2	19570	Sacramento	No	No	2	0	2/7/2011	Debri-General
5S	Sacramento Area Sewer District	764672	Certified	Category 2	19568	Sacramento	No	No	2	0	2/7/2011	Root intrusion
5S	Sacramento Area Sewer District	764383	Certified	Category 2	19528	Sacramento	No	No	2	0	2/5/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	764188	Certified	Category 2	19522	Sacramento	No	No	2	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764288	Certified	Category 2	19521	Sacramento	No	No	2	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764287	Certified	Category 2	19520	Sacramento	No	No	2	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764016	Certified	Category 2	19425	Sacramento	No	No	2	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	764015	Certified	Category 2	19421	Sacramento	No	No	2	0	2/4/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763974	Certified	Category 2	19384	Sacramento	No	No	2	0	2/3/2011	Root intrusion
5S	Sacramento Area Sewer District	764186	Certified	Category 2	19354	Sacramento	No	No	2	0	2/3/2011	Other (specify below)
5S	Sacramento Area Sewer District	763970	Certified	Category 2	19336	Sacramento	No	No	2	0	2/3/2011	Other (specify below)
5S	Sacramento Area Sewer District	763968	Certified	Category 2	19305	Sacramento	No	No	2	0	2/3/2011	Debri-General
5S	Sacramento Area Sewer District	763966	Certified	Category 2	19289	Sacramento	No	No	2	0	2/2/2011	Root intrusion
5S	Sacramento Area Sewer District	764184	Certified	Category 2	19131	Sacramento	No	No	2	0	2/1/2011	Root intrusion
5S	Sacramento Area Sewer District	763299	Certified	Category 2	18968	Sacramento	No	No	2	0	1/30/2011	Root intrusion
5S	Sacramento Area Sewer District	763473	Certified	Category 2	18942	Sacramento	No	No	2	0	1/28/2011	Root intrusion
5S	Sacramento Area Sewer District	763672	Certified	Category 2	18895	Sacramento	No	No	2	0	1/28/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763460	Certified	Category 2	18804	Sacramento	No	No	2	0	1/27/2011	Root intrusion
5S	Sacramento Area Sewer District	763207	Certified	Category 2	18716	Sacramento	No	No	2	0	1/26/2011	Root intrusion
5S	Sacramento Area Sewer District	763194	Certified	Category 2	18561	Sacramento	No	No	2	0	1/24/2011	Other (specify below)

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Category 2: All other discharges of sewage.

## SSO Spills January - March 2011

Region	Collection System Agency	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	Sacramento Area Sewer District	763667	Certified	Category 2	18523	Sacramento	No	No	2	0	1/23/2011	Root intrusion
5S	Sacramento Area Sewer District	763664	Certified	Category 2	18520	Sacramento	No	No	2	0	1/23/2011	Root intrusion
5S	Sacramento Area Sewer District	763735	Certified	Category 2	18502	Sacramento	No	No	2	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	763311	Certified	Category 2	18493	Sacramento	No	No	2	0	1/22/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763289	Certified	Category 2	18460	Sacramento	No	No	2	0	1/21/2011	Root intrusion
5S	Sacramento Area Sewer District	763190	Certified	Category 2	18442	Sacramento	No	No	2	0	1/21/2011	Root intrusion
5S	Sacramento Area Sewer District	763039	Certified	Category 2	18303	Sacramento	No	No	2	0	1/19/2011	Root intrusion
5S	Sacramento Area Sewer District	763037	Certified	Category 2	18277	Sacramento	No	No	2	0	1/19/2011	Root intrusion
5S	Sacramento Area Sewer District	762940	Certified	Category 2	18173	Sacramento	No	No	2	0	1/18/2011	Root intrusion
5S	Sacramento Area Sewer District	762937	Certified	Category 2	18137	Sacramento	No	No	2	0	1/18/2011	Root intrusion
5S	Sacramento Area Sewer District	762936	Certified	Category 2	18126	Sacramento	No	No	2	0	1/18/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	762923	Certified	Category 2	18082	Sacramento	No	No	2	0	1/16/2011	Root intrusion
5S	Sacramento Area Sewer District	763728	Certified	Category 2	18075	Sacramento	No	No	2	0	1/16/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	763032	Certified	Category 2	18067	Sacramento	No	No	2	0	1/15/2011	Root intrusion
5S	Sacramento Area Sewer District	762591	Certified	Category 2	17832	Sacramento	No	No	2	0	1/12/2011	Root intrusion
5S	Sacramento Area Sewer District	762390	Certified	Category 2	17684	Sacramento	No	No	2	0	1/11/2011	Root intrusion
5S	Sacramento Area Sewer District	762385	Certified	Category 2	17559	Sacramento	No	No	2	0	1/10/2011	Other (specify below)
5S	Sacramento Area Sewer District	762369	Certified	Category 2	17495	Sacramento	No	No	2	0	1/9/2011	Root intrusion
5S	Sacramento Area Sewer District	762367	Certified	Category 2	17493	Sacramento	No	No	2	0	1/9/2011	Root intrusion
5S	Sacramento Area Sewer District	762558	Certified	Category 2	17429	Sacramento	No	No	2	0	1/7/2011	Root intrusion
5S	Sacramento Area Sewer District	762357	Certified	Category 2	17263	Sacramento	No	No	2	0	1/5/2011	Root intrusion
5S	Sacramento Area Sewer District	762553	Certified	Category 2	17256	Sacramento	No	No	2	0	1/5/2011	Root intrusion
5S	Sacramento Area Sewer District	762342	Certified	Category 2	17093	Sacramento	No	No	2	0	1/3/2011	Root intrusion
5S	Sacramento Area Sewer District	762341	Certified	Category 2	17029	Sacramento	No	No	2	0	1/3/2011	Root intrusion
5S	Sacramento Area Sewer District	762256	Certified	Category 2	16986	Sacramento	No	No	2	0	1/2/2011	Root intrusion
5S	Sacramento Area Sewer District	762551	Certified	Category 2	16979	Sacramento	No	No	2	0	1/2/2011	Root intrusion
5S	Sacramento Area Sewer District	762253	Certified	Category 2	16972	Sacramento	No	No	2	0	1/2/2011	Root intrusion
5S	Sacramento Area Sewer District	762252	Certified	Category 2	16968	Sacramento	No	No	2	0	1/2/2011	Root intrusion
5S	Sacramento Area Sewer District	765512	Certified	Category 2	23191	Sacramento	No	No	1	0	3/29/2011	Operator error
5S	Sacramento Area Sewer District	765500	Certified	Category 2	23104	Sacramento	No	No	1	0	3/28/2011	Root intrusion
5S	Sacramento Area Sewer District	765293	Certified	Category 2	22950	Sacramento	No	No	1	0	3/24/2011	Root intrusion
5S	Sacramento Area Sewer District	765292	Certified	Category 2	22936	Sacramento	No	No	1	0	3/24/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	765480	Certified	Category 2	22764	Sacramento	No	No	1	0	3/22/2011	Root intrusion
5S	Sacramento Area Sewer District	765475	Certified	Category 2	22726	Sacramento	No	No	1	0	3/21/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	765634	Certified	Category 2	22677	Sacramento	No	No	1	0	3/21/2011	Root intrusion
5S	Sacramento Area Sewer District	765282	Certified	Category 2	22589	Sacramento	No	No	1	0	3/18/2011	Root intrusion
5S	Sacramento Area Sewer District	765259	Certified	Category 2	22380	Sacramento	No	No	1	0	3/15/2011	Operator error
5S	Sacramento Area Sewer District	765257	Certified	Category 2	22351	Sacramento	No	No	1	0	3/15/2011	Root intrusion
5S	Sacramento Area Sewer District	765639	Certified	Category 2	22248	Sacramento	No	No	1	0	3/13/2011	Root intrusion
5S	Sacramento Area Sewer District	765274	Certified	Category 2	22133	Sacramento	No	No	1	0	3/10/2011	Root intrusion
5S	Sacramento Area Sewer District	765271	Certified	Category 2	22054	Sacramento	No	No	1	0	3/10/2011	Root intrusion
5S	Sacramento Area Sewer District	765132	Certified	Category 2	22042	Sacramento	No	No	1	0	3/10/2011	Other (specify below)
5S	Sacramento Area Sewer District	765128	Certified	Category 2	21973	Sacramento	No	No	1	0	3/9/2011	Operator error
5S	Sacramento Area Sewer District	765129	Certified	Category 2	21974	Sacramento	No	No	1	0	3/9/2011	Operator error
5S	Sacramento Area Sewer District	765126	Certified	Category 2	21962	Sacramento	No	No	1	0	3/9/2011	Root intrusion
5S	Sacramento Area Sewer District	765124	Certified	Category 2	21904	Sacramento	No	No	1	0	3/8/2011	Root intrusion
5S	Sacramento Area Sewer District	765113	Certified	Category 2	21716	Sacramento	No	No	1	0	3/4/2011	Operator error
5S	Sacramento Area Sewer District	765677	Certified	Category 2	21636	Sacramento	No	No	1	0	3/4/2011	Root intrusion
5S	Sacramento Area Sewer District	765076	Certified	Category 2	21481	Sacramento	No	No	1	0	3/3/2011	Operator error
5S	Sacramento Area Sewer District	765075	Certified	Category 2	21477	Sacramento	No	No	1	0	3/3/2011	Other (specify below)
5S	Sacramento Area Sewer District	765052	Certified	Category 2	21268	Sacramento	No	No	1	0	3/1/2011	Other (specify below)
5S	Sacramento Area Sewer District	764545	Certified	Category 2	21073	Sacramento	No	No	1	0	2/26/2011	Root intrusion
5S	Sacramento Area Sewer District	764310	Certified	Category 2	20752	Sacramento	No	No	1	0	2/23/2011	Root intrusion
5S	Sacramento Area Sewer District	764411	Certified	Category 2	20601	Sacramento	No	No	1	0	2/22/2011	Root intrusion
5S	Sacramento Area Sewer District	764410	Certified	Category 2	20589	Sacramento	No	No	1	0	2/21/2011	Root intrusion
5S	Sacramento Area Sewer District	764396	Certified	Category 2	20563	Sacramento	No	No	1	0	2/19/2011	Root intrusion
5S	Sacramento Area Sewer District	764393	Certified	Category 2	20510	Sacramento	No	No	1	0	2/18/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	764675	Certified	Category 2	20484	Sacramento	No	No	1	0	2/17/2011	Root intrusion
5S	Sacramento Area Sewer District	764212	Certified	Category 2	20303	Sacramento	No	No	1	0	2/15/2011	Other (specify below)

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## SSO Spills January - March 2011

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5S	Sacramento Area Sewer District	764533	Certified	Category 2		20231 Sacramento	No	No	1	0	2/14/2011	Root intrusion
5S	Sacramento Area Sewer District	764199	Certified	Category 2		20141 Sacramento	No	No	1	0	2/12/2011	Root intrusion
5S	Sacramento Area Sewer District	764198	Certified	Category 2		20134 Sacramento	No	No	1	0	2/11/2011	Debri-General
5S	Sacramento Area Sewer District	764054	Certified	Category 2		20126 Sacramento	No	No	1	0	2/11/2011	Root intrusion
5S	Sacramento Area Sewer District	764053	Certified	Category 2		20121 Sacramento	No	No	1	0	2/11/2011	Root intrusion
5S	Sacramento Area Sewer District	764045	Certified	Category 2		20081 Sacramento	No	No	1	0	2/10/2011	Debri-General
5S	Sacramento Area Sewer District	764032	Certified	Category 2		19718 Sacramento	No	No	1	0	2/8/2011	Root intrusion
5S	Sacramento Area Sewer District	764674	Certified	Category 2		19627 Sacramento	No	No	1	0	2/7/2011	Root intrusion
5S	Sacramento Area Sewer District	764193	Certified	Category 2		19580 Sacramento	No	No	1	0	2/7/2011	Root intrusion
5S	Sacramento Area Sewer District	764777	Certified	Category 2		19523 Sacramento	No	No	1	0	2/5/2011	Root intrusion
5S	Sacramento Area Sewer District	764022	Certified	Category 2		19506 Sacramento	No	No	1	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	764017	Certified	Category 2		19438 Sacramento	No	No	1	0	2/4/2011	Root intrusion
5S	Sacramento Area Sewer District	763959	Certified	Category 2		19146 Sacramento	No	No	1	0	2/1/2011	Root intrusion
5S	Sacramento Area Sewer District	763957	Certified	Category 2		19112 Sacramento	No	No	1	0	2/1/2011	Debri-General
5S	Sacramento Area Sewer District	763300	Certified	Category 2		19037 Sacramento	No	No	1	0	1/31/2011	Other (specify below)
5S	Sacramento Area Sewer District	763472	Certified	Category 2		18941 Sacramento	No	No	1	0	1/28/2011	Root intrusion
5S	Sacramento Area Sewer District	763456	Certified	Category 2		18763 Sacramento	No	No	1	0	1/26/2011	Debri-General
5S	Sacramento Area Sewer District	763741	Certified	Category 2		18750 Sacramento	No	No	1	0	1/26/2011	Operator error
5S	Sacramento Area Sewer District	763198	Certified	Category 2		18599 Sacramento	No	No	1	0	1/24/2011	Root intrusion
5S	Sacramento Area Sewer District	763670	Certified	Category 2		18636 Sacramento	No	No	1	0	1/23/2011	Root intrusion
5S	Sacramento Area Sewer District	763658	Certified	Category 2		18510 Sacramento	No	No	1	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	763737	Certified	Category 2		18503 Sacramento	No	No	1	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	763656	Certified	Category 2		18499 Sacramento	No	No	1	0	1/22/2011	Root intrusion
5S	Sacramento Area Sewer District	763734	Certified	Category 2		18348 Sacramento	No	No	1	0	1/20/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	763731	Certified	Category 2		18204 Sacramento	No	No	1	0	1/18/2011	Root intrusion
5S	Sacramento Area Sewer District	763030	Certified	Category 2		18066 Sacramento	No	No	1	0	1/15/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	763028	Certified	Category 2		18056 Sacramento	No	No	1	0	1/14/2011	Root intrusion
5S	Sacramento Area Sewer District	763726	Certified	Category 2		17995 Sacramento	No	No	1	0	1/14/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	762919	Certified	Category 2		17979 Sacramento	No	No	1	0	1/14/2011	Root intrusion
5S	Sacramento Area Sewer District	762592	Certified	Category 2		17909 Sacramento	No	No	1	0	1/13/2011	Root intrusion
5S	Sacramento Area Sewer District	762590	Certified	Category 2		17799 Sacramento	No	No	1	0	1/12/2011	Grease deposition (FOG)
5S	Sacramento Area Sewer District	762588	Certified	Category 2		17772 Sacramento	No	No	1	0	1/12/2011	Root intrusion
5S	Sacramento Area Sewer District	762586	Certified	Category 2		17692 Sacramento	No	No	1	0	1/11/2011	Operator error
5S	Sacramento Area Sewer District	763185	Certified	Category 2		17671 Sacramento	No	No	1	0	1/11/2011	Root intrusion
5S	Sacramento Area Sewer District	762563	Certified	Category 2		17572 Sacramento	No	No	1	0	1/10/2011	Pipe structural problem/failure
5S	Sacramento Area Sewer District	762366	Certified	Category 2		17492 Sacramento	No	No	1	0	1/9/2011	Root intrusion
5S	Sacramento Area Sewer District	762376	Certified	Category 2		17478 Sacramento	No	No	1	0	1/8/2011	Root intrusion
5S	Sacramento Area Sewer District	762352	Certified	Category 2		17229 Sacramento	No	No	1	0	1/5/2011	Root intrusion
5S	Sacramento Area Sewer District	763428	Certified	Category 2		17181 Sacramento	No	No	1	0	1/4/2011	Root intrusion
5S	Sacramento Area Sewer District	762550	Certified	Category 2		16959 Sacramento	No	No	1	0	1/1/2011	Root intrusion
5S	Sacramento City	763797	Certified	Category 2	2940 35TH STREET	Sacramento	No	No	400	0	2/25/2011	Grease deposition (FOG)
5S	Sacramento City	764977	Certified	Category 2	2765 FAIRFIELD ST.	Sacramento	No	Yes	300	0	3/24/2011	Pump station failure
5S	Sacramento City	763695	Certified	Category 2	107 GOSS CT.	Sacramento	No	Yes	250	0	2/22/2011	Grease deposition (FOG)
5S	Sacramento City	763789	Certified	Category 2	7208 21ST STREET	Sacramento	No	Yes	200	0	2/24/2011	Root intrusion
5S	Sacramento City	763692	Certified	Category 2	3925 DRY CREEK RD.	Sacramento	No	Yes	200	0	2/23/2011	Grease deposition (FOG)
5S	Sacramento City	762224	Certified	Category 2	2297 BABETTE WAY	Sacramento	No	Yes	200	0	1/28/2011	Grease deposition (FOG)
5S	Sacramento City	760810	Certified	Category 2	7684 19 TH STREET	Sacramento	No	Yes	200	0	1/10/2011	Grease deposition (FOG)
5S	Sacramento City	764607	Certified	Category 2	2621 BEAUMONT ST	Sacramento	No	Yes	150	0	3/20/2011	Grease deposition (FOG)
5S	Sacramento City	761380	Certified	Category 2	81 DEAN ROAD	Sacramento	No	Yes	150	0	1/17/2011	Grease deposition (FOG)
5S	Sacramento City	764608	Certified	Category 2	5601 CAZADERO WAY	Sacramento	No	Yes	120	0	3/20/2011	Root intrusion
5S	Sacramento City	765195	Certified	Category 2	171 51ST STREET	Sacramento	No	No	100	0	3/31/2011	Root intrusion
5S	Sacramento City	764978	Certified	Category 2	6861 DIEGLE CIR	Sacramento	No	Yes	100	0	3/26/2011	Grease deposition (FOG)
5S	Sacramento City	763697	Certified	Category 2	3400 TRUKKEE WAY	Sacramento	No	No	100	0	2/22/2011	Root intrusion
5S	Sacramento City	762521	Certified	Category 2	2285 BABETTE WAY	Sacramento	No	Yes	100	0	2/4/2011	Root intrusion
5S	Sacramento City	762229	Certified	Category 2	2322 4TH AVE	Sacramento	No	No	100	0	1/30/2011	Root intrusion
5S	Sacramento City	760808	Certified	Category 2	1021 JOHNFER WAY	Sacramento	No	Yes	100	0	1/6/2011	Grease deposition (FOG)
5S	Sacramento City	760373	Certified	Category 2	7501 MUIRFIELD WAY	Sacramento	No	Yes	100	0	1/5/2011	Grease deposition (FOG)
5S	Sacramento City	764339	Certified	Category 2	1771 59TH AVE	Sacramento	No	Yes	85	0	3/11/2011	Root intrusion
5S	Sacramento City	762226	Certified	Category 2	6507 4TH AVE	Sacramento	No	Yes	85	0	1/28/2011	Grease deposition (FOG)

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5S	Sacramento City	760811	Certified	Category 2	1636 ROANOKE AVE	Sacramento	No	Yes	75	0	1/10/2011	Root intrusion
5S	Sacramento City	764663	Certified	Category 2	7437 COSGROVE WAY	Sacramento	No	Yes	65	0	3/22/2011	Grease deposition (FOG)
5S	Sacramento City	760809	Certified	Category 2	1104 SILVER RIDGE WAY	Sacramento	No	Yes	60	0	1/8/2011	Root intrusion
5S	Sacramento City	764980	Certified	Category 2	6985 FLINTWOOD WAY	Sacramento	No	Yes	50	0	3/27/2011	Flow exceeded capacity (Separate CS Only)
5S	Sacramento City	764606	Certified	Category 2	1125 GLENROSE AVE	Sacramento	No	No	50	0	3/19/2011	Debri-Rags
5S	Sacramento City	764341	Certified	Category 2	7421 CANDLEWOOD WAY	Sacramento	No	No	50	0	3/11/2011	Root intrusion
5S	Sacramento City	763690	Certified	Category 2	2547 EDGEWATER RD.	Sacramento	No	No	50	0	2/23/2011	Grease deposition (FOG)
5S	Sacramento City	763344	Certified	Category 2	6475 DRIFTWOOD STREET	Sacramento	No	Yes	50	0	2/21/2011	Grease deposition (FOG)
5S	Sacramento City	763343	Certified	Category 2	2225 22nd STREET	Sacramento	No	Yes	50	0	2/19/2011	Root intrusion
5S	Sacramento City	762473	Certified	Category 2	5661 DANA WAY	Sacramento	No	No	50	0	2/1/2011	Grease deposition (FOG)
5S	Sacramento City	761381	Certified	Category 2	2935 CLAY STREET	Sacramento	No	Yes	50	0	1/17/2011	Grease deposition (FOG)
5S	Sacramento City	760090	Certified	Category 2	4661 LARSON WAY	Sacramento	No	No	50	0	1/2/2011	Root intrusion
5S	Sacramento City	762524	Certified	Category 2	2780 WOOD VIOLET WAY	Sacramento	No	Yes	35	0	2/4/2011	Grease deposition (FOG)
5S	Sacramento City	762522	Certified	Category 2	4350 BURGESS DR.	Sacramento	No	Yes	30	0	2/5/2011	Grease deposition (FOG)
5S	Sacramento City	762220	Certified	Category 2	142 BAXTER AVE	Sacramento	No	No	30	0	1/29/2011	Root intrusion
5S	Sacramento City	762875	Certified	Category 2	2009 EDISON AVE	Sacramento	No	Yes	30	0	1/23/2011	Grease deposition (FOG)
5S	Sacramento City	763691	Certified	Category 2	6205 RIVERSIDE BLVD	Sacramento	No	No	25	0	2/23/2011	Grease deposition (FOG)
5S	Sacramento City	762474	Certified	Category 2	700 SOUTHGATE RD.	Sacramento	No	Yes	25	0	2/2/2011	Root intrusion
5S	Sacramento City	762222	Certified	Category 2	1182 SILVER RIDE WAY	Sacramento	No	Yes	25	0	1/28/2011	Root intrusion
5S	Sacramento City	761981	Certified	Category 2	4400 13TH AVE	Sacramento	No	No	25	0	1/25/2011	Pipe structural problem/failure
5S	Sacramento City	764069	Certified	Category 2	5451 PLEASANT DR	Sacramento	No	Yes	23	0	3/4/2011	Root intrusion
5S	Sacramento City	763943	Certified	Category 2	930 ROEDER WAY	Sacramento	No	No	20	0	3/1/2011	Grease deposition (FOG)
5S	Sacramento City	763699	Certified	Category 2	3930 W. LAND PARK DR.	Sacramento	No	No	20	0	2/23/2011	Debri-General
5S	Sacramento City	763104	Certified	Category 2	85 BAY DR	Sacramento	No	No	20	0	2/12/2011	Debri-General
5S	Sacramento City	763117	Certified	Category 2	2009 EDISON AVE	Sacramento	No	No	20	0	2/5/2011	Grease deposition (FOG)
5S	Sacramento City	761583	Certified	Category 2	2573 LEXINGTON ST.	Sacramento	No	No	20	0	1/20/2011	Grease deposition (FOG)
5S	Sacramento City	761379	Certified	Category 2	73 DEAN ROAD	Sacramento	No	Yes	20	0	1/14/2011	Grease deposition (FOG)
5S	Sacramento City	763105	Certified	Category 2	7540 18TH ST	Sacramento	No	Yes	10	0	2/15/2011	Grease deposition (FOG)
5S	Sacramento City	762880	Certified	Category 2	567 GARDEN ST.	Sacramento	No	No	10	0	2/10/2011	Other (specify below)
5S	Sacramento City	761383	Certified	Category 2	1412 27th STREET	Sacramento	No	No	10	0	1/18/2011	Grease deposition (FOG)
5S	Sacramento City	760088	Certified	Category 2	2605 FAIRFIELD STREET	Sacramento	No	No	10	0	1/1/2011	Grease deposition (FOG)
5S	Sacramento Regional CSD	762540	Certified	Category 2	N19-MH0011A	Sacramento	No	No	7	0	1/20/2011	Other (specify below)
5S	San Joaquin Cnty Utility Maintenance	764930	Certified	Category 2	Manhole on Vickburg btwn Calhoun and Douglas	San Joaquin	No	Yes	240	0	2/17/2011	Grease deposition (FOG)
5S	San Joaquin Cnty Utility Maintenance	764931	Certified	Category 2	Manhole on Vicksburg btwn Rutledge and Calhoun	San Joaquin	No	Yes	240	0	2/17/2011	Grease deposition (FOG)
5S	San Joaquin Cnty Utility Maintenance	764927	Certified	Category 2	Lampole at 2475 Benjamin Holt	San Joaquin	No	Yes	20	0	2/6/2011	Debri-General
5F	Sanger City	764087	Certified	Category 2	North Avenue west of Dalton Avenue	Fresno	No	No	500	0	2/11/2011	Debri-Rags
5F	Sanger City	764089	Certified	Category 2	North and Greenwood Avenues	Fresno	No	No	15	0	2/7/2011	Pump station failure
5S	Stockton City MUD	761344	Certified	Category 2	1311 E Sonora St	San Joaquin	No	Yes	300	0	1/11/2011	Grease deposition (FOG)
5S	Stockton City MUD	763951	Certified	Category 2	7122 Inglewood Av	San Joaquin	No	Yes	200	0	2/25/2011	Grease deposition (FOG)
5S	Stockton City MUD	762855	Certified	Category 2	3304 McVie Dr	San Joaquin	No	Yes	200	0	2/8/2011	Grease deposition (FOG)
5S	Stockton City MUD	764599	Certified	Category 2	821 N American St	San Joaquin	No	No	150	0	3/19/2011	Root intrusion
5S	Stockton City MUD	764083	Certified	Category 2	7316 Westland Av	San Joaquin	No	No	150	0	3/1/2011	Grease deposition (FOG)
5S	Stockton City MUD	762315	Certified	Category 2	234 Horton Av	San Joaquin	No	Yes	100	0	1/31/2011	Grease deposition (FOG)
5S	Stockton City MUD	761533	Certified	Category 2	1719 Sycamore Ave.	San Joaquin	No	Yes	70	0	1/19/2011	Root intrusion
5S	Stockton City MUD	765739	Certified	Category 2	2602 Neubourg Ct	San Joaquin	No	No	50	0	4/21/2011	Debri-General
5S	Stockton City MUD	764268	Certified	Category 2	448 Morro Ln.	San Joaquin	No	Yes	50	0	3/9/2011	Root intrusion
5S	Stockton City MUD	763953	Certified	Category 2	602 E Garner Ln	San Joaquin	No	Yes	50	0	2/27/2011	Grease deposition (FOG)
5S	Stockton City MUD	763436	Certified	Category 2	8836 Los Olivas Ct.	San Joaquin	No	Yes	50	0	2/22/2011	Debri-General
5S	Stockton City MUD	763340	Certified	Category 2	805 Sutherland Dr.	San Joaquin	No	Yes	50	0	2/15/2011	Debri-General
5S	Stockton City MUD	763079	Certified	Category 2	625 S Eugenia St	San Joaquin	No	No	50	0	2/12/2011	Grease deposition (FOG)
5S	Stockton City MUD	760807	Certified	Category 2	1560 W. Monterey Ave.	San Joaquin	No	No	50	0	1/10/2011	Root intrusion
5S	Stockton City MUD	764845	Certified	Category 2	433 W Vine St.	San Joaquin	No	No	40	0	3/26/2011	Root intrusion
5S	Stockton City MUD	764519	Certified	Category 2	8503 Skye Dr.	San Joaquin	No	No	40	0	3/19/2011	Root intrusion
5S	Stockton City MUD	764338	Certified	Category 2	825 Channel St.	San Joaquin	No	No	40	0	3/13/2011	Debri-General
5S	Stockton City MUD	763341	Certified	Category 2	930 N. Sierra Nevada St.	San Joaquin	No	No	40	0	2/15/2011	Grease deposition (FOG)
5S	Stockton City MUD	761986	Certified	Category 2	538 Court St.	San Joaquin	No	No	40	0	1/25/2011	Root intrusion
5S	Stockton City MUD	760370	Certified	Category 2	20 Pardee Lane	San Joaquin	No	Yes	40	0	1/6/2011	Root intrusion
5S	Stockton City MUD	760170	Certified	Category 2	1215 W. Poplar St.	San Joaquin	No	No	40	0	1/3/2011	Debri-General
5S	Stockton City MUD	761371	Certified	Category 2	1427 E. Roosevelt Ave.	San Joaquin	No	No	35	0	1/18/2011	Root intrusion

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Category 2: All other discharges of sewage.

SSO Spills January - March 2011

Region	Collection System Agency	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	Stockton City MUD	764336	Certified	Category 2	2928 Chauncy Cir.	San Joaquin	No	No	30	0	3/10/2011	Root intrusion
5S	Stockton City MUD	764000	Certified	Category 2	2320 Bonniebrook Dr.	San Joaquin	No	No	30	0	3/3/2011	Debri-General
5S	Stockton City MUD	763784	Certified	Category 2	6506 Maywood Ln.	San Joaquin	No	No	30	0	2/24/2011	Debri-General
5S	Stockton City MUD	763075	Certified	Category 2	3016 N American St	San Joaquin	No	No	30	0	2/12/2011	Debri-General
5S	Stockton City MUD	761422	Certified	Category 2	736 N Hunter St	San Joaquin	No	No	30	0	1/18/2011	Grease deposition (FOG)
5S	Stockton City MUD	765386	Certified	Category 2	9441 Kelley Dr.	San Joaquin	No	No	25	0	4/11/2011	Debri-General
5S	Stockton City MUD	765021	Certified	Category 2	7357 Kelley Dr.	San Joaquin	No	No	25	0	3/31/2011	Grease deposition (FOG)
5S	Stockton City MUD	764275	Certified	Category 2	920 Greensboro Ct.	San Joaquin	No	No	25	0	3/9/2011	Grease deposition (FOG)
5S	Stockton City MUD	763339	Certified	Category 2	8940 Fox Creek Dr.	San Joaquin	No	Yes	25	0	2/15/2011	Grease deposition (FOG)
5S	Stockton City MUD	762001	Certified	Category 2	12 E. Geary St	San Joaquin	No	No	20	0	1/25/2011	Grease deposition (FOG)
5S	Stockton City MUD	761700	Certified	Category 2	2019 S Union St	San Joaquin	No	No	20	0	1/22/2011	Grease deposition (FOG)
5S	Stockton City MUD	761375	Certified	Category 2	1788 Longbarn Way	San Joaquin	No	No	20	0	1/18/2011	Debri-General
5S	Stockton City MUD	761345	Certified	Category 2	2530 Waterloo Rd	San Joaquin	No	No	20	0	1/16/2011	Grease deposition (FOG)
5S	Stockton City MUD	760806	Certified	Category 2	130 Sperry Ave.	San Joaquin	No	No	20	0	1/10/2011	Debri-General
5S	Stockton City MUD	760206	Certified	Category 2	343 S. Airport Way	San Joaquin	No	No	20	0	1/4/2011	Debri-General
5S	Stockton City MUD	760177	Certified	Category 2	2174 S. Sutter St.	San Joaquin	No	No	20	0	1/3/2011	Debri-General
5S	Stockton City MUD	765380	Certified	Category 2	2316 Bernay Ct.	San Joaquin	No	Yes	15	0	4/11/2011	Grease deposition (FOG)
5S	Stockton City MUD	762713	Certified	Category 2	1814 De Ovan Ave.	San Joaquin	No	No	15	0	2/4/2011	Root intrusion
5S	Stockton City MUD	762007	Certified	Category 2	2908 Malvern Ct.	San Joaquin	No	Yes	15	0	1/26/2011	Debri-General
5S	Stockton City MUD	761377	Certified	Category 2	415 Hawthorne St.	San Joaquin	No	No	15	0	1/18/2011	Root intrusion
5S	Stockton City MUD	761346	Certified	Category 2	104 Sequoia Ct	San Joaquin	No	No	15	0	1/16/2011	Grease deposition (FOG)
5S	Stockton City MUD	760779	Certified	Category 2	8812 Kelley Dr.	San Joaquin	No	No	10	0	1/7/2011	Grease deposition (FOG)
5S	Sutter Creek City	765591	Certified	Category 2	Manhole #232 on Patricia Lane at 335 Patricia Lane	Amador	No	No	300	0	4/15/2011	Root intrusion
5F	Tulare City	764179	Certified	Category 2	E and F alley	Tulare	No	No	200	0	3/8/2011	Grease deposition (FOG)
5F	Tuolumne Utilities District	763010	Certified	Category 2	seamless below house	Tuolumne	No	No	300	0	2/12/2011	Other (specify below)
5F	Tuolumne Utilities District	765779	Certified	Category 2	Yosemite Title	Tuolumne	No	Yes	175	0	4/22/2011	Grease deposition (FOG)
5F	Tuolumne Utilities District	762274	Certified	Category 2	landscape area between Elkin and Shepherd	Tuolumne	No	No	60	0	1/29/2011	Root intrusion
5F	Tuolumne Utilities District	762784	Certified	Category 2	manhole in backyard above house	Tuolumne	No	No	50	0	2/9/2011	Debri-General
5F	Tuolumne Utilities District	761418	Certified	Category 2	Corner of Yaney and Ash	Tuolumne	No	No	30	0	1/18/2011	Pipe structural problem/failure
5F	Tuolumne Utilities District	765110	Certified	Category 2	G5 cleanout in front of address	Tuolumne	No	Yes	20	0	4/4/2011	Root intrusion
5F	Tuolumne Utilities District	764066	Certified	Category 2	Corner of Jackson St and Ash St	Tuolumne	No	No	15	0	3/4/2011	Root intrusion
5F	Tuolumne Utilities District	761175	Certified	Category 2	clean in back of 121 Brookside	Tuolumne	No	No	15	0	1/12/2011	Pipe structural problem/failure
5F	Tuolumne Utilities District	761419	Certified	Category 2	clean out in lawn of 509 Stewart St	Tuolumne	No	No	1	0	1/18/2011	Root intrusion
5S	Turlock City	763152	Certified	Category 2	Murray street spill	Stanislaus	No	No	10	0	1/6/2011	Grease deposition (FOG)
5S	Turlock City	765191	Certified	Category 2	Oleander and Daffodil	Stanislaus	No	No	4	0	3/22/2011	Grease deposition (FOG)
5S	UC Davis	734857	Certified	Category 2	Near Oncology Building close to Old Davis Road	Solano	No	No	6	0	3/8/2011	Root intrusion
5S	US Dept of Defense, Defense Logistics Agency	762912	Certified	Category 2	DDJC Tracy site outside BLDG 13 near 5th street	San Joaquin	No	Yes	200	0	1/14/2011	Pipe structural problem/failure
5S	Vacaville City	763386	Certified	Category 2	300 Main	Solano	No	No	37	0	2/22/2011	Debri-Rags
5F	Visalia City	763035	Certified	Category 2	4817 W. Myrtel	Tulare	No	Yes	423	0	2/13/2011	Debri-Rags
5S	Waterford City	761265	Certified	Category 2	ROSE ct	Stanislaus	No	Yes	125	0	1/13/2011	Grease deposition (FOG)
5S	West Sacramento City	762641	Certified	Category 2	401 Westacre Rd.	Yolo	No	No	250	0	2/1/2011	Debri-General
5S	West Sacramento City	764356	Certified	Category 2	1159 Park Blvd.	Yolo	No	No	20	0	3/3/2011	Root intrusion
5S	West Sacramento City	763205	Certified	Category 2	Oak Street	Yolo	No	No	3	0	2/9/2011	Grease deposition (FOG)
5R	Westwood CSD	762778	Certified	Category 2	assembly of god church parking lot	Lassen	No	No	300	0	2/2/2011	Debri-General
5R	Willows City	765236	Certified	Category 2	689 Eureka Street	Glenn	No	No	10	2	4/6/2011	Root intrusion
5S	Woodbridge Sanitary District	763175	Certified	Category 2	114 Evelyn Court, Woodbridge, CA 95258	San Joaquin	No	Yes	10	10	2/16/2011	Grease deposition (FOG)
5S	Woodland City	762811	Certified	Category 2	Manhole	Yolo	No	No	400	0	1/26/2011	Vandalism
5S	Woodland City	761372	Certified	Category 2	City Cleanout	Yolo	No	No	200	0	1/14/2011	Root intrusion
5S	Woodland City	763952	Certified	Category 2	City Cleanout	Yolo	No	No	55	0	2/11/2011	Root intrusion
5S	Woodland City	764611	Certified	Category 2	Private Cleanout	Yolo	No	Yes	40	0	3/11/2011	Debri-Rags
5S	Woodland City	762334	Certified	Category 2	City Cleanout	Yolo	No	No	40	0	2/1/2011	Pipe structural problem/failure
5S	Woodland City	763409	Certified	Category 2	City Cleanout	Yolo	No	No	35	0	2/17/2011	Grease deposition (FOG)
5S	Woodland City	761614	Certified	Category 2	City Cleanout	Yolo	No	No	35	0	1/20/2011	Root intrusion
5S	Woodland City	764610	Certified	Category 2	City Cleanout	Yolo	No	No	2	0	3/8/2011	Grease deposition (FOG)
5S	Yuba City	762585	Certified	Category 2	3185 Granite Drive, Yuba City, CA	Sutter	No	Yes	100	0	2/6/2011	Pipe structural problem/failure

234 Collection Systems report no SSOs during the first quarter of 2011.

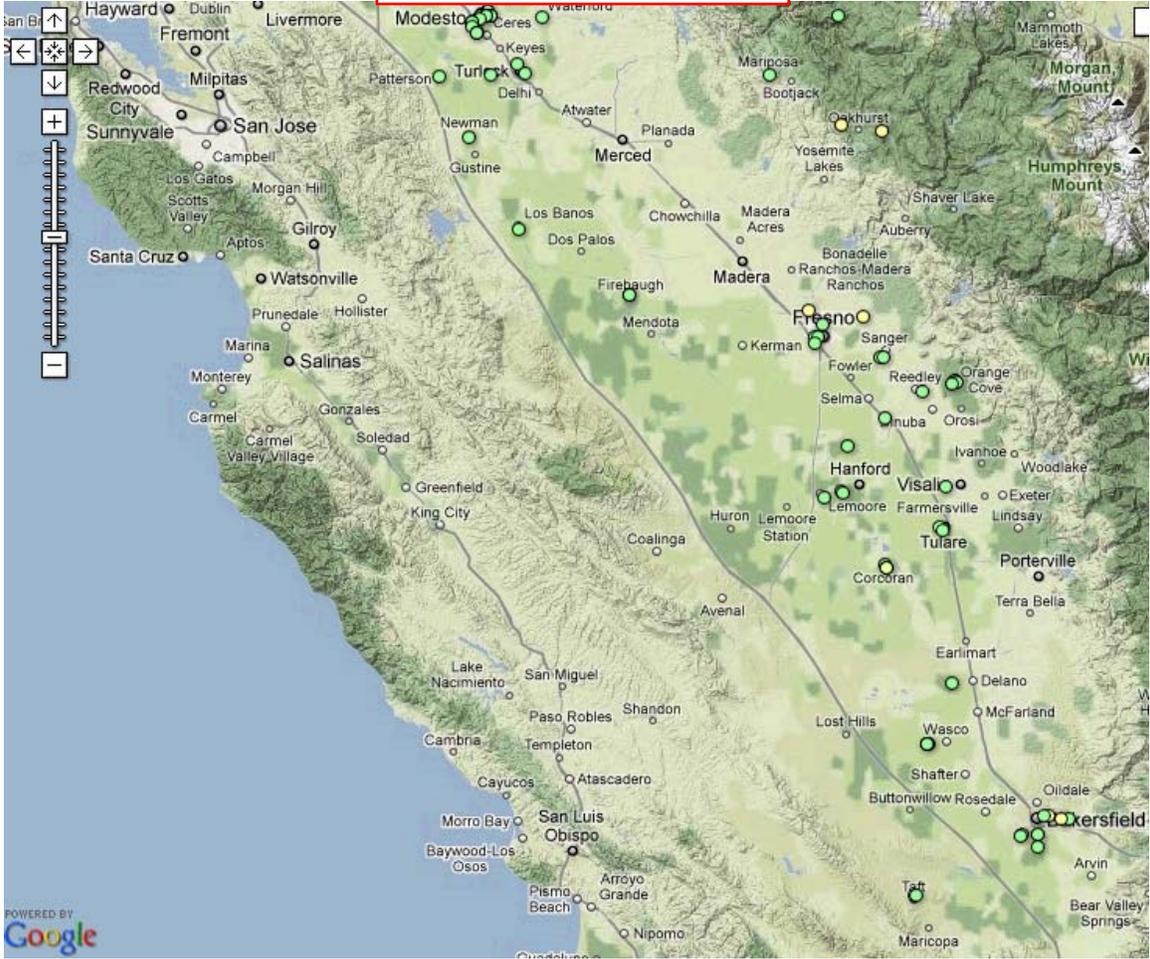
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SSO Spills January - March 2011



SSO Spills January - March 2011



## 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.

### August 2011 Board Meeting

#### NPDES

- Bear Valley Water District (Permit Renewal)
- Bella Vista Water Treatment Plant (Permit Rescission)
- Grizzly Ranch CSA (Permit Renewal)
- Lincoln Center, Stockton (Permit Renewal)
- River Highlands CSD/Yuba County (Permit Renewal)
- Sconza Candy Factory (Permit Rescission)

#### WDRs

- Merced County, Billy Wright Landfill (revision)

#### OTHER

- Per purchase Agreement, Sierra Valley Almonds, LLC (resolution)

#### WDRs

- Antonio Brasil Dairy (Individual WDRs)
- Caruthers Raisin Processing Inc., and Mr. Jon Robinson, Raisin Processing Plant (New)
- City of Lemoore WWTF (WDR update)
- City of Newman WWTP (Revision)
- City of Plymouth WWTP, Amador County (Revision)
- City of Tulare WWTF (Revision)
- Dairies - General Order for New and Expanded Dairies (New)
- E&J Gallo, Fresno Winery (WDR update)
- Edward Nunes Dairy Expansion (Individual WDRs)
- Grassland Bypass Project (WDR update)
- Fawcett Farms Dairy (Individual WDRs)
- Irrigated Lands General Order for Dischargers in Coalition – East-side Lower San Joaquin Watershed (New)
- Irrigated Lands General Order for Dischargers in Coalition – Rice Growers in the Sacramento River Watershed (New)
- Irrigated Lands General Order for Dischargers in Coalition – Sacramento River Watershed (New)
- Irrigated Lands General Order for Dischargers in Coalition – San Joaquin County and Delta (New)
- Irrigated Lands General Order for Dischargers in Coalition – Tulare Lake Basin (New)
- Irrigated Lands General Order for Dischargers in Coalition – West-side Lower San Joaquin Watershed (New)
- Irrigated Lands General Order for Dischargers in Coalition – Westlands Water District (New)
- Kettleman Hills Facility, Chemical Waste Management (WDRs for expansion)
- Lamont PUD, WWTF (WDR update)
- Lucero Olive Oil LLC (Individual WDRs)
- Mule Creek State Prison (WDRs renewal)
- O'Neil Beverages Company, Reedley winery (WDR update)
- Olson Meat Packers (Individual WDR)
- Panoche Energy Center (individual WDR, New)
- Von Barga Septic Disposal (Individual WDR)
- Wooden Shoe Dairy Expansion (Individual WDRs)

## **October Board Meeting**

### **NPDES**

- Lincoln Center, Stockton (Permit Renewal)
- Atwater, City of (New)
- Alturas, City of (Permit Renewal)
- Indian Springs School District, Geothermal Project (Permit Renewal)
- Shasta Lake, City of (Permit Renewal)
- Tsar Nicoulai Caviar (Permit Renewal)
- Jackson, City of (Time Schedule Amendment)
- Southern California Edison, Balsam Meadow (Permit Renewal)
- NPDES General Order For Cold Water Concentrated Aquatic Animal Production Facility Discharges (Permit Revision)

### **Permits/WDRs with pending actions but not yet scheduled for a Board Meeting**

#### **NPDES**

- 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)
- 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)
- 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)
- Riviera West Mutual Water Company WTP (Rescission)
- Sacramento Regional County Sanitation District (Permit Revision)
- Soper Company, Spanish Mine (Permit Revision)
- 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)
- 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)
- City of Modesto WQCF (Renewal)
- California Sprouts (Rescission)
- DFG Nimbus Fish Hatchery (Rescission, New GO Coverage)
- DFG Mokelumne River Fish Hatchery (Rescission, New GO Coverage)

#### **Basin Planning**

- Tiennial Review for Sacramento/San Joaquin River Basin Plan
- Drinking Water Policy (possible informational item)
- Basin Plan Amendment – Total Cost and Sources of Financing for the Irrigated Lands Regulatory Program

#### **WDRs**

- Irrigated Lands- General Order for individually Regulated Dischargers (New)