

**California Regional Water Quality Control Board**  
**San Diego Region**  
**David Gibson, Executive Officer**



**Executive Officer's Report**  
**April 15, 2015**

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**The April report for the Tentative Schedule of Significant NPDES Permits, WDRs, and Actions, agenda items requested by Board Members, and the attachments noted above are included at the end of the report.**

## Part A – San Diego Region Staff Activities

### 1. Personnel Report

*Staff Contact: Lori Costa*

The Organizational Chart of the San Diego Water Board can be viewed at [http://www.waterboards.ca.gov/sandiego/about\\_us/org\\_charts/orgchart.pdf](http://www.waterboards.ca.gov/sandiego/about_us/org_charts/orgchart.pdf)

#### Recent Hire

Florentino (Tino) Gamboa began working as an Information Systems Technician on March 23, 2015. Tino will be assisting with IT support for the San Diego Region. He has a Bachelor's Degree in Aeronautical Engineering from the Philippine Aeronautical Training School. Tino worked as an IT Administrator/Customer Support Tech for the United States Air Force.

#### Departures

Lilian Busse, a Senior Environmental Scientist in the Healthy Waters Branch, left State service on March 31, 2015 after almost nine years with the Water Board. Lilian was the SWAMP Coordinator. She accepted a position at the German Federal Environment Agency in the Department of Environmental Health and the Protection of Ecosystems.

#### Recruitment

Interviews were held for the Water Resources Control Engineer vacancy in the Central Cleanup Unit. Interviews are scheduled for the Senior Environmental Scientist (Specialist) vacancy in the Healthy Waters Branch.

### 2. Asian American Engineer of the Year Award Ceremony

*Staff Contact: Charles Cheng*

The 14<sup>th</sup> Asian American Engineer of the Year (AAEOY) award ceremony was held at the Los Angeles Airport Marriott Hotel on February 28, 2015. The ceremony was attended by Dr. Charles Cheng of the Central Cleanup Unit, who participated in the event both as photographer and as co-chair of the Environmental/Energy Session of the Technical Symposium. Presentations at this session were wide ranging and included *The Engineering Story of Beach Water Quality*; *Leadership in Energy and Environmental Design (LEED)*; and *Earthquake Hazard Mitigation*. The AAEOY award was created in conjunction with National Engineers Week to provide a platform to recognize outstanding Asian-American professionals for their leadership, technical achievement, and public service in the fields of science, technology, engineering, and mathematics (STEM).

This year was the first time the AAEOY award ceremony was held in southern California, and was hosted by the Overseas Chinese Environmental Engineers and Scientists Association (OCEESA), of which Dr. Cheng is a past president. Over 600 distinguished guests, honorees, corporate executives, and community leaders attended the ceremony. Awardees include 2014 Nobel Laureate, Professor Shuji Nakamura of UC Santa Barbara, and the President of the Institute of Medicine, National Academy of Sciences, Dr. Victor J. Dzau. A total of 16 distinguished men and women from major US companies, universities, the U.S. Army, and the U.S. Navy received awards. A Technical Symposium and a youth STEM competition also accompanied the ceremony. For more information, please visit <http://www.aeoy.org/>.

### **3. AEHS 25<sup>th</sup> Annual International Conference – March 23-26, 2015**

*Staff Contacts: Helen Yu & John Anderson*

Dr. Helen Yu and John Anderson participated in the Association for Environmental Health and Sciences (AEHS) 25<sup>th</sup> Annual International Conference on Soil, Water, Energy, and Air held in San Diego in late March. The mission of the AEHS is to provide an international conference to bring the environmental science community closer together by providing a forum to facilitate the exchange of information of technological advances, new scientific achievements, and the effectiveness of standing environmental regulation programs through concurrent panel sessions and workshops. This event attracts between 500 and 600 attendees each year. Attendees are made up of representatives from state and federal agencies, military, industry, environmental engineering and consulting, and academia.

Dr. Yu was the Session Chair for the “Constituents of Emerging Concern” Platform Session. In this role she introduced each presenter, moderated the Q&A session after each presenter, and reviewed and selected the abstracts for the conference abstract book. Dr. Yu has been a West Coast Conference Advisory Board Member for the AEHS for several years.

Mr. Anderson presented a “Regulatory Perspective” in the “California Brownfields Reuse and Transaction” session. Others presented legal considerations, the role of local governments, private sector perspectives, and the role of insurance companies in redevelopment of Brownfield sites.

This year the 6<sup>th</sup> Annual AEHS Foundation Achievement Award was presented to Kevin Graves, Chief of the Underground Storage Tank and Site Cleanup Section at the State Water Resources Control Board for his outstanding environmental stewardship and achievements over his 20 year career. In addition, Tam Doduc, State Water Resources Control Board Member, participated as a panelist on the “California Water Summit” Workshop.

## **Part B – Significant Regional Water Quality Issues**

### **1. Santa Ysabel Chevron Groundwater Cleanup Status**

*Staff Contact: Sean McClain*

Since the last Executive Officer's report in March 2014, the site property owner, Donan Environmental Services, Inc. (DES), has been assessing the effect of the two previous remediation events to remove fuel constituents from soil and groundwater at the property. DES used a mobile high vacuum dual phase extraction system (HVDPE) to remove the fuel constituents. Groundwater monitoring results from four previously affected domestic wells continue to show that petroleum constituents are no longer detected in the groundwater from the wells. DES plans to conduct a third HVDPE event from April to June 2015 to take advantage of low groundwater levels at the site, likely due to the drought. The low water table has exposed contaminated soils that can be cleaned up by the HVDPE technology.

Beginning in 2009, cleanup of the site was managed by the San Diego Water Board with funding from the State Water Board Emergency, Abandoned, and Recalcitrant Account. The San Diego Water Board stepped in to direct cleanup activities after the previous owners and responsible parties, Mr. and Mrs. Ernest Moretti, stopped cleanup activities and declared bankruptcy. The former Santa Ysabel Chevron property was subsequently acquired by DES in a sheriff's auction in November 2012.

DES took over the cleanup when the San Diego Water Board issued a Cleanup and Abatement Order (CAO) to DES in September 2013. The CAO directs DES to clean up the petroleum pollution and to maintain the groundwater treatment systems on the three private and one public well in Santa Ysabel affected by the petroleum release.

Santa Ysabel is a small community east of Ramona that depends on groundwater alone for its drinking water supply. Central Cleanup Unit staff will continue to evaluate progress by DES to ensure that the groundwater cleanup is completed as soon as possible and any risks to human health and the environment are addressed.

## 2. Update on Rancho Guejito Cleanup and Abatement Orders

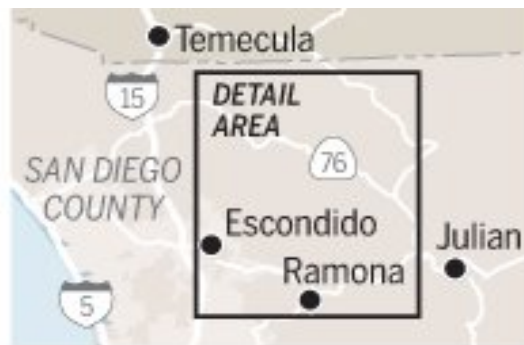
*Staff Contact: Frank Melbourn*

In a joint enforcement effort with the County of San Diego (County), the Executive Officer on April 23, 2013, issued Cleanup and Abatement Order No. R9-2013-0009 (CAO) to Rancho Guejito Corporation. The CAO was issued in response to the unauthorized filling of five stream crossings during the illegal grading of a 1.1 mile long farm road at the 22,500 acre property on or about July 25, 2011. Road grading impacted 623 linear feet of Guejito Creek, totaling 0.06 acre of Waters of the U.S.

On February 9, 2015, Darren Bradford of the Wetland and Riparian Protection Unit and Frank Melbourn of the Compliance Assurance Unit conducted a follow-up inspection of the creek restoration at Rancho Guejito and an off-site mitigation area and confirmed the installation of vegetative plantings, cuttings, and seeds at both sites. Therefore, in accordance with the CAO, a three-year monitoring period at Rancho Guejito and a five-year monitoring period off-site have begun. Success of the restoration and mitigation will be evaluated at both sites at the conclusion of the monitoring periods. Rancho Guejito is located two miles east of the San Diego Zoo Safari Park in Escondido. The off-site mitigation area encompasses a portion of Cloverdale Creek, located just west of the San Pasqual Union Elementary School on Rockwood Road in Escondido.

The CAO required streambed restoration at all five crossings and off-site establishment of 0.16 acre and enhancement of 0.20 acre of riparian habitat. Concurrently, the County required on-site restoration to pre-road grading conditions. The goal of the CAO's off site mitigation requirements was to address the temporary loss of beneficial uses while the on-site stream crossings were restored to original conditions (i.e. functionality).

However, the road grading activities cannot be fully restored to original conditions, and have lasting impacts to the hydrology in the graded areas. On-site road restoration necessitated the installation of permanent energy dissipation structures (i.e. rip-rap) along much of the 1.1 mile road to prevent erosion and discharges of sediment into Guejito Creek. Rancho Guejito Corporation will submit annual reports to the San Diego Water Board until success of the restoration and mitigation is shown.



Maps courtesy of the San Diego Union Tribune



Sources: ESRI; Tele Atlas

U-T

### 3. Enforcement Actions for February 2015 (*Attachment B-3*)

*Staff Contact: Chiara Clemente*

During the month of February, the San Diego Water Board issued 12 written enforcement actions as follows; 4 Notice of Violations, and 8 Staff Enforcement Letters. A summary of each enforcement action taken is provided in the Table below. The State Water Board's [Enforcement Policy](#) contains a brief description of the kinds of enforcement actions the Water Boards can take.

Additional information on violations, enforcement actions, and mandatory minimum penalties is available to the public from the following on-line sources:

State Water Board Office of Enforcement webpage:

[http://www.waterboards.ca.gov/water\\_issues/programs/enforcement/](http://www.waterboards.ca.gov/water_issues/programs/enforcement/)

California Integrated Water Quality System (CIWQS):

[http://www.waterboards.ca.gov/water\\_issues/programs/ciwqs/publicreports.shtml](http://www.waterboards.ca.gov/water_issues/programs/ciwqs/publicreports.shtml)

State Water Board GeoTracker database: <https://geotracker.waterboards.ca.gov/>

### 4. Sanitary Sewer Overflows (SSOs)—January 2015 (*Attachment B-4*)

*Staff Contact: Vicente Rodriguez*

State agencies, municipalities, counties, districts, and other public entities (collectively referred to as public entities) within the San Diego Region that own or operate sewage collection systems greater than one mile in length, submit sanitary sewer overflow (SSO or spill) reports through an on-line spill reporting system, the *California Integrated Water Quality System* (CIWQS). These spill reports are required under a [Statewide General SSO Order](#)<sup>1</sup> and a [San Diego Region-wide SSO Order](#)<sup>2</sup>. The public entities subject to these SSO Orders are also required to report known private lateral sewage spills pursuant to the San Diego Region-wide SSO Order. Federal agencies and other federal entities (collectively referred to as federal entities) submit spill reports as required by an individual NPDES permit or voluntarily depending on the specific federal entity involved<sup>3</sup>.

The information below summarizes the public, federal, and private SSOs in the San Diego Region that were reported through CIWQS during the month of January 2015:

#### Public Sewage Collection Systems

- Total number reported = 10 spills, totaling 1,219 gallons
- Total number reaching surface waters (including storm drains) = 0 spills
- SSOs larger than 1,000 gallons = 0 spills

<sup>1</sup> State Water Board Order No. 2006-0003-DWQ, *Statewide General Waste Discharge Requirements for Sanitary Sewer Systems* as amended by Order No. WQ 2013-0058-EXEC, *Amending Monitoring and Reporting Program for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems*.

<sup>2</sup> San Diego Water Board Order No. R9-2007-0005, *Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region*.

<sup>3</sup> Marine Corp Base Camp Pendleton reports sewage spills to CIWQS as required by its individual NPDES permit, Order No. R9-2013-0112, NPDES Permit No. CA0109347, *Waste Discharge Requirements for the Marine Corps Base, Camp Pendleton, Southern Regional Tertiary Treatment Plant and Advanced Water Treatment Plant, Discharge to the Pacific Ocean via the Oceanside Ocean Outfall*. The U.S. Marine Corps Recruit Depot is not required to report sewage spills but does so voluntarily. The U.S. Navy is not required to report sewage spills but does voluntarily fax in its sewage spill reports. This report does not include sewage spills from U.S. Navy sewage collection systems because this information is not available through CIWQS.

**Federal Sewage Collection Systems**

- Total number reported = 1 spills, totaling 100 gallons
- Total number reaching surface waters (including storm drains) = 0 spills
- SSOs larger than 1,000 gallons = 0 spills

**Private Laterals**

- Total number reported = 17 spills, totaling 2,770 gallons
- Total number reaching surface waters (including storm drains) = 3 spills, totaling 430 gallons
- SSOs larger than 1,000 gallons = 0 spills

**Additional Information:** Details on the reported public, federal and private lateral SSOs are provided in two attached tables titled:

1. January 2015 Summary of Public and Federal Sanitary Sewer Overflows in the San Diego Region
2. January 2015 Summary of Private Lateral Sewage Spills in the San Diego Region

Reports on sewage spills are available to the public on a real-time basis on the State Water Board's webpage at: [https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportAction=criteria&reportId=sso\\_main](https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportAction=criteria&reportId=sso_main).

Additional information about the San Diego Water Board sewage overflow regulatory program is available at [http://www.waterboards.ca.gov/sandiego/water\\_issues/programs/ssoi/index.shtml](http://www.waterboards.ca.gov/sandiego/water_issues/programs/ssoi/index.shtml).

**Part C – Statewide Issues of Importance to the San Diego Region****1. Additional Emergency Drought Measures – Governor Brown's Executive Order B-29-15**

*Staff Contact: Kimberly McMurray-Cathcart*

California is in the 5<sup>th</sup> year of a severe drought expected to continue in 2016 and beyond. Following the proclamation of a State of Emergency by Governor Brown on January 17, 2014, which continued by proclamation as a state of emergency on April 25, 2014, the Governor issued an additional executive order B-29-15 on April 1, 2015 (Executive Order) to mobilize further efforts to address the effects of the drought. The Executive Order announces additional actions that will be taken to save water, including:

- increased enforcement of water laws designed to prevent wasteful use of water;
- providing flexibility to streamline State responses to drought and water supply mitigation actions; and
- investment in new technologies to build resiliency against drought conditions in California.

California is experiencing record dry conditions. Statewide, California's rivers and reservoirs are below previously recorded low levels. Reported in 2014 to be very low, the snow pack levels in the Sierra Nevada are now reported to be dire, with statewide water content levels at about 20 percent of *normal average* for this time of year. San Diego County Water Authority reports local reservoir level totals at 40.8% of capacity and rainfall at about 50% of normal.

More stringent controls on water use are expected. The Executive Order directs the State Water Resources Control Board to implement restrictions to achieve a 25% reduction in potable urban water use statewide through February 2016, compared to the amount water suppliers provided for use in 2013, in order to complement water conservation measures already underway across the State. Restrictions will consider the relative per capita water usage of each water suppliers' service area, requiring those service

areas with proportionately high water use to achieve greater reductions than those areas demonstrating low water use.

At the request of the Board Chair, early in May, the San Diego Regional Water Board will convene a meeting of the Storm Water Copermittees for a strategy discussion on how to work together to achieve the 25 percent reduction in urban water use. Further, the San Diego Water Board's Compliance Assurance Unit is working with the Storm Water Team to assess compliance with the over-irrigation prohibition of the Regional MS4 Permit.

Additional Information can be found at:

- Executive Order:  
[http://www.swrcb.ca.gov/waterrights/water\\_issues/programs/drought/docs/040115\\_executive\\_order.pdf](http://www.swrcb.ca.gov/waterrights/water_issues/programs/drought/docs/040115_executive_order.pdf)
- Reservoir conditions statewide:  
<http://cdec.water.ca.gov/cdecapp/resapp/getResGraphsMain.action>.
- Snow pack surveys: [http://cdec.water.ca.gov/cgi-progs/snow\\_ss/COURSES.03](http://cdec.water.ca.gov/cgi-progs/snow_ss/COURSES.03).
- Importance of snow pack to water supply:  
<http://cdec.water.ca.gov/snow/info/ImportOfSnow.html>.
- San Diego County reservoirs <http://www.sdcwa.org/reservoirs>.
- Rainfall data <http://www.sdcwa.org/rainfall>.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

Significant NPDES Permits,  
WDRs, and Actions of the  
San Diego Water Board

April 15, 2015

APPENDED TO EXECUTIVE OFFICER'S REPORT



TENTATIVE SCHEDULE  
SIGNIFICANT NPDES PERMITS, WDRS, AND ACTIONS  
OF THE SAN DIEGO WATER BOARD

Action Agenda Item	Action Type	Draft Complete	Written Comments Due	Consent Item
<b>May 13, 2015</b> <i>San Diego Water Board</i>				
NPDES Permit Renewal - Padre Dam Water Reclamation Facility (Lim)	NPDES Permit Reissuance	100%	13-Apr-2015	No
Tentative Resolution Endorsing the Work Plan resulting from the Triennial Review of the Basin Plan (Mata)	Resolution	100%	6-Feb-2015	No
<b>June 24, 2015</b> <i>San Diego Water Board</i>				
Addendum: Waste Discharge Requirements for Palomar Transit Mix Co., Washington Avenue Plant Escondido, Addendum No.1 (Mitchell)	Amend WDRs	100%	24-Apr-2015	Yes
Addendum: Waste Discharge Requirements for Mission Valley Plant Complex, San Diego County, Addendum No.1 (Mitchell)	Amend WDRs	100%	24-Apr-2015	Yes
Addendum: Waste Discharge Requirements for Palomar Transit Mix Company / Oceanside Concrete Batch Plant, San Diego County, Addendum No.2 (Mitchell)	Amend WDRs	100%	24-Apr-2015	Yes
Resolution Providing Direction to Wetland Restoration and Identifying Three Projects in the San Diego Region (Dorsey)	Resolution	80%	TBD	Maybe
Resolution Endorsing the Strategy for Healthy Waters in San Diego Bay (Valdovinos / Clemente)	Resolution	80%	TBD	No
NPDES Permit Renewal for BAE Systems (Schwall)	NPDES Permit Reissuance	90%	TBD	No
NPDES Permit Renewal - Hale Avenue Resource Recovery Facility (HARRF) - Escondido Creek (Rodriguez)	NPDES Permit Reissuance	85%	TBD	No
Time Schedule Order for the HARRF - Escondido Creek (Rodriguez)	Time Schedule Order	85%	TBD	No
NPDES Permit Renewal - Ground Water Extraction Permit (Neill)	NPDES Permit Reissuance	90%	TBD	No
<b>July 2015</b> <i>No Meeting Scheduled</i>				

**Agenda Items Requested by Board Members**

<b>Requested Agenda Item</b>	<b>Board Member</b>	<b>Status</b>
<b>August 13, 2014</b>		
Fish Tissue Sampling Update	Strawn	Results available September 2015
Steelhead Recovery Project Update	Strawn	Due Spring 2015
Discussion encouraging re-use of water, particularly advancing the efforts of the City of San Diego to use Indirect and Direct Potable Reuse	Abarbanel	Update provided during the February 11, 2015 Board Meeting
<b>September 10, 2014</b>		
Annual or Biannual Water Quality Summit	Kalemkarian	Scheduled for June 2015 Board Meeting
Information from San Diego MS4 Copermittees regarding outreach to educate and inform the public about compliance efforts	Abarbanel	
Beach water quality update by SCCWRP	Abarbanel	Planned for Fall 2015 after second round of studies is complete
<b>October 8, 2014</b>		
Water regulations and water rights workshop	Warren	Planned for Summer 2015
Discussion of legislative priorities	Abarbanel	Scheduled for June 2015 Board Meeting
<b>March 16, 2015</b>		
Follow up to Recycled Water item from February Agenda: what would it take to achieve zero discharge to the ocean by 2025 or 2030	Abarbanel	Scheduled Executive Officer's Report item
Estimate of PYs necessary to achieve the goals of the Practical Vision, the amount of PYs expected during the next fiscal year, and an accounting of what will not be accomplished due to the expected shortfall.	Abarbanel	Executive Officer and Assistant Executive Officer to discuss with Board Chair.

### Enforcement Actions for February 2015

<b>Enforcement Date</b>	<b>Enforcement Action</b>	<b>Facility/ Location</b>	<b>Summary of Violations and Enforcement Actions</b>	<b>Applicable Permit/Order Violated</b>
<b>02/03/2015</b>	Notice of Violation R9-2015-0032	Laurel Pointe, Vista	Failure to comply with discharge and effluent prohibitions, to implement best management practices (BMPs), and prevent unauthorized non storm-water discharge.	National Pollutant Discharge Elimination System (NPDES) General Construction Storm Water Permit Order No. 2009-0009-DWQ.
<b>02/10/2015</b>	Notice of Violation R9-2015-0024	City of Escondido MS4, Escondido	Failure to comply with discharge prohibitions and effluent limitations, to implement Standard Urban Storm Water Mitigation Plan (SUSMP), and to adequately enforce Priority Development Sites.	NPDES General Municipal Storm Water Permit Order No. R9-2007-0001
<b>02/19/2015</b>	Notice of Violation R9-2015-0039	Unnamed Creek, Gunnarsson Gove, Fallbrook	Failure to provide report of waste discharge, and failure to obtain water quality certification for discharge of waste to waters.	California Water Code (CWC) sections 13260(a) and 13376.
<b>02/20/2015</b>	Notice of Violation R9-2015-0031	City of San Diego MS4, San Diego	Failure to comply with discharge prohibitions and effluent limitations for construction activities and to require adequate BMPs.	NPDES General Municipal Storm Water Permit Order Nos. R9-2013-0001 and R9-2007-0001
<b>02/03/2015</b>	Staff Enforcement Letter	Seville Cleaners, Santee	Failure to adequately report annual groundwater monitoring.	Water Discharge Requirements (WDR) Order R9-2012-0002.
<b>02/05/2015</b>	Staff Enforcement Letter	Bell Jr High Landfill, San Diego	Failure to implement adequate BMPs and to report location of slope failures.	WDR Order No. R9-2012-0001.

### Enforcement Actions for February 2015

<b>Enforcement Date</b>	<b>Enforcement Action</b>	<b>Facility/ Location</b>	<b>Summary of Violations and Enforcement Actions</b>	<b>Applicable Permit/Order Violated</b>
<b>02/06/2015</b>	Staff Enforcement Letter	Solar Turbines Inc., San Diego	Exceedance of 12-month average effluent limitation for manganese during August and September 2014.	WDR Order No. 97-003.
<b>02/11/2015</b>	Staff Enforcement Letter	Van Ommering Dairy, L.P, Lakeside	Reporting violations in the 2014 annual monitoring report.	General WDR Order No. R9-2008-0130 for existing Dairy Animal Feeding Operations.
<b>02/11/2015</b>	Staff Enforcement Letter	Whispering Palms Community Service District, Encinitas	Exceedance of maximum 30-day effluent limitation for Total Dissolved Solids (TDS) and for Chloride.	WDR Order No. 94-80.
<b>02/17/2015</b>	Staff Enforcement Letter	T.D. Dairy, Ramona	Reporting violations in the 2014 annual monitoring report.	General Order No. R9-2008-0130.
<b>02/20/2015</b>	Staff Enforcement Letter	Oma's Pumpkin Patch, Lakeside	Failure to file Notice of Intent (NOI) to enroll.	Conditional WDR Waiver Order No. R9-2014-0041
<b>02/27/2015</b>	Staff Enforcement Letter	Carmel Valley Road Easterly Extension, San Diego	Failure to implement adequate BMPs, and to control sediment and non-storm-water discharge	NPDES General Construction Storm Water Permit Order No. 2009-0009-DWQ.

January 2015 - Summary of Public and Federal Sanitary Sewer Overflows in the San Diego Region

Responsible Agency	Collection System	Total Volume	Total Recovered	Total Reaching Surface Waters	Percent Recovered (%)	Percent Reaching Surface Waters	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area
		(Gallons)	(Gallons)	(Gallons)					
Carlsbad MWD	Carlsbad MWD CS	5	0	0	0%	0%	4.8	282.0	69,420
		1	0	0	0%	0%			
La Mesa City	City of La Mesa CS	475	475	0	100%	0%	0.0	155.0	58,244
Laguna Beach City	City of Laguna Beach CS	30	30	0	100%	0%	9.0	86.0	18,000
		150	150	0	100%	0%			
		10	10	0	100%	0%			
Oceanside City	La Salina WWTP, Oceanside Outfall CS	245	245	0	100%	0%	35.6	439.7	169,527
San Diego City	San Diego City CS (Wastewater Collection System)	66	66	0	100%	0%	145.0	3,002.0	2,186,810
		57	57	0	100%	0%			
San Diego County Dept of Public Works	County of San Diego CS	180	0	0	0%	0%	10.0	407.0	151,500
US Marine Corps Base Camp Pendleton	USMC Base, Camp Pendleton CS	100	11	0*	11%	0%	33.9	120.1	55,000
	Totals for Public Spills	1,219	1,033	0					
	Totals for Federal Spills	100	11	0					

\*Remaining volume percolated into the ground prior to reaching surface waters

Reporting Agency	Collection System	Total Volume Recovered (Gallons)	Total Reaching Surface Waters	Percent Recovered (%)	Percent Reaching Surface Waters	Population in Service Area	Lateral Connections
Chula Vista City	City of Chula Vista CS	20	0	75%	0%	256,780	49,532
		80	0	100%	0%		
El Cajon City	City of El Cajon CS	2	0	100%	0%	102,211	16,675
		5	0	100%	0%		
Escondido City	HARRF Disch To San Elijo OO CS	30	0	100%	0%	142,000	53,848
		40	0	0%	0%		
Fallbrook Public Utility Dist	Fallbrook Plant 1, Oceanside of CS	200	0	100%	0%	23,000	4,580
		300	225	25%	75%		
La Mesa City	City of La Mesa CS	65	0	100%	0%	58,244	13,000
Poway City	City Of Poway CS	93	0	100%	0%	42,862	12,165
San Diego City	San Diego City CS (Wastewater Collection System)	171	171	0%	100%	2,186,810	267,237
		320	0	100%	0%		
		800	0	100%	0%		
		434	34	92%	8%		
180	0	100%	0%				
San Diego County Dept of Public Works	County of San Diego CS	10	0*	0%	0%	151,500	33,600
South Coast Water District	South Coast Water District CS	20	0	100%	0%	42,000	14,762
<b>Totals</b>		<b>2,770</b>	<b>2,285</b>	<b>430</b>	<b>0%</b>	<b>42,000</b>	<b>14,762</b>

\*Remaining volume percolated into the ground prior to reaching surface waters