

California Regional Water Quality Control Board

San Diego Region

David Gibson, Executive Officer



Executive Officer’s Report

December 16, 2015

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The November 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

No Report

Part B – Significant Regional Water Quality Issues

1. Waivers: Enrollment and Stakeholder Outreach

Staff Contact: Roger Mitchell

The San Diego Water Board controls the discharge of 105 low threat projects in the region through implementation of the 12 waivers of waste discharge requirements listed below.

- Waiver No. 1: *Discharges from On-Site Graywater Disposal Systems*
- Waiver No. 2: *Discharges to Land of Recycled Water*
- Waiver No. 3: *Miscellaneous “Low Threat” Discharges to Land*
- Waiver No. 4: *Discharges of Winery Process Water to Lined Evaporation Ponds at Small Wineries*
- Waiver No. 5: *Discharges of Waste to Land at Composting Facilities*
- Waiver No. 6: *Discharges from Silvicultural Operations*
- Waiver No. 7: *Discharges from Animal Operations*
- Waiver No. 8: *Discharges from Aquatic Animal Production Facilities*
- Waiver No. 9: *Discharges of Slurries to Land*
- Waiver No. 10: *Discharges/Disposal of Solid Waste to Land*
- Waiver No. 11: *Aerially Discharged Wastes Overland*
- Waiver No. 12: *Discharges of Emergency/Disaster Related Wastes*

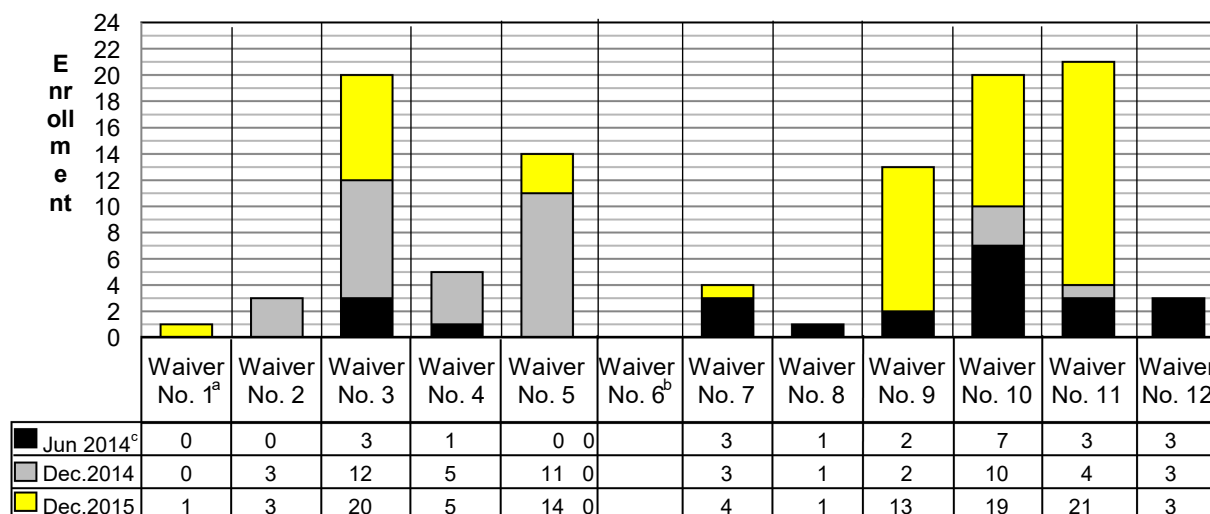
Prescribed in Order No. R9-2014-0041,¹ the waivers are an efficient and prudent use of the Board's authority, allowing it to focus its limited resources on higher-threat priorities while protecting water quality from low-threat discharges. The waivers also serve the public by providing a tool by which low-threat projects can comply with the Water Code without the need for costly and time-consuming waste discharge requirements.

Figure 1 illustrates the enrollment distribution of the 105 projects enrolled in the 12 waivers. The stacked bars show the time periods in which projects were enrolled. In June 2014, 23 ongoing projects that had been enrolled in the expired waivers² were enrolled in the newly adopted waivers. By December 2014, 31 additional projects were enrolled, and 51 new projects were enrolled by December 2015.

¹ http://www.waterboards.ca.gov/rwqcb9/water_issues/programs/waivers/waivers.shtml

² Order No. R9-2007-104: http://www.waterboards.ca.gov/sandiego/board_decisions/waivers/

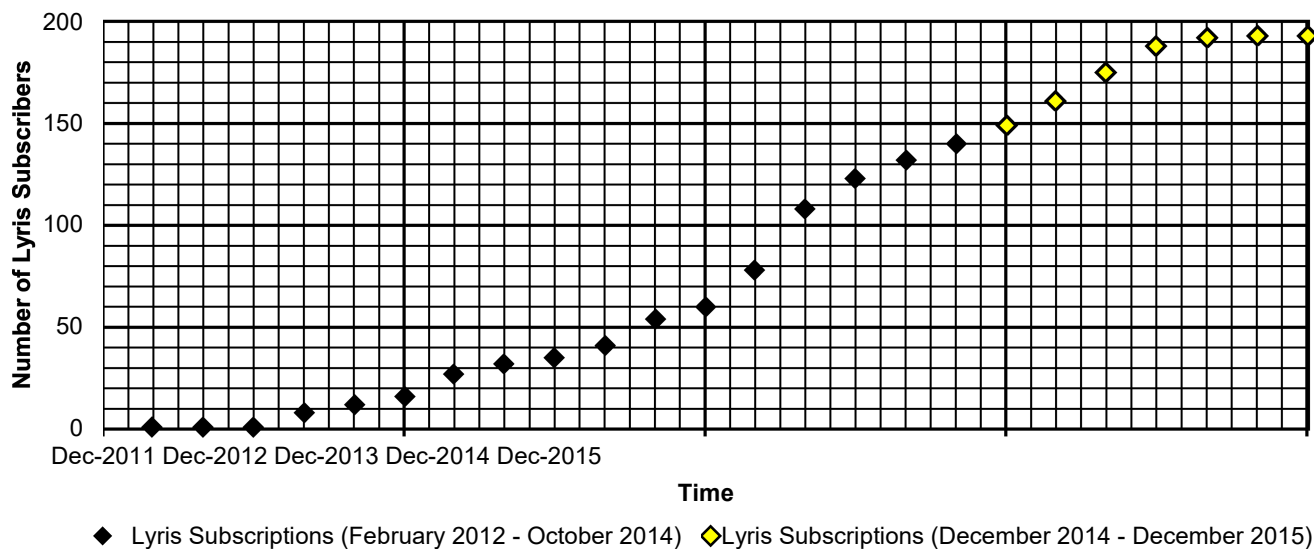
Figure 1 Waiver Enrollment and Distribution



a – Waiver No. 1, the Onsite Graywater Disposal Waiver requires dischargers to submit a notice of intent (NOI) for enrollment only when the discharger proposes to discharge graywater to land, and subject to the Plumbing Code Graywater Standards.
 b – Waiver No. 6, the Silvicultural Waiver requires the U. S. Forest Service to submit an NOI only when directed by the San Diego Water Board.
 c – Enrollment numbers for June 2014 reflect those dischargers previously enrolled in the expired waivers, and automatically enrolled in the 2014 waivers.

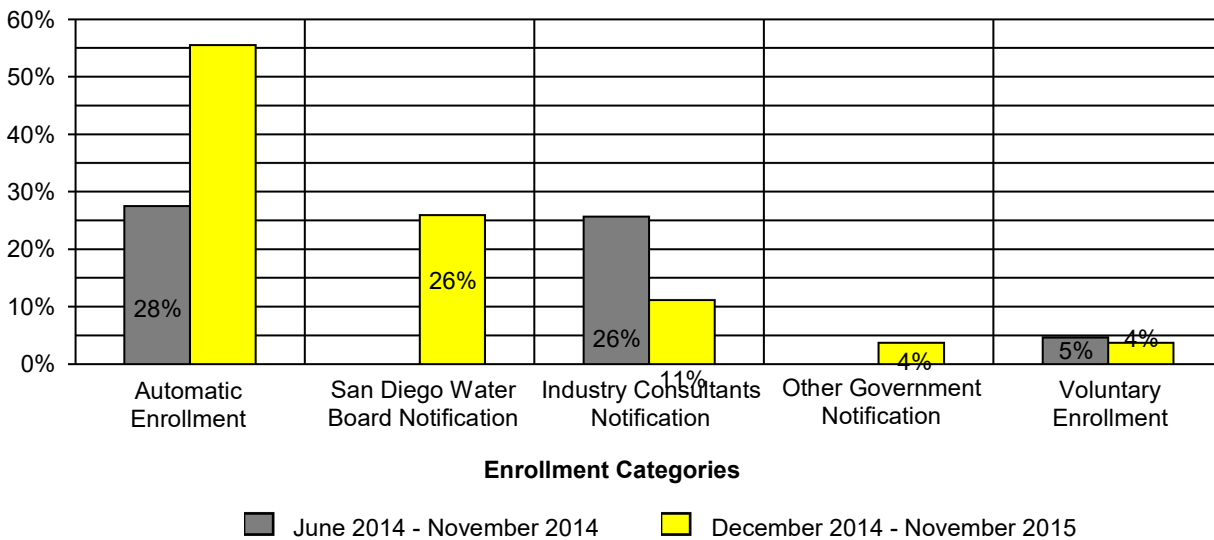
Email distribution lists are one of the ways staff provides stakeholders with information on the waivers. Through these email subscription or “LYRIS” lists, stakeholders are provided important notifications and documents in an efficient manner. Figure 2 illustrates the number of subscribers to the waivers LYRIS list over time. While the rate of new subscriptions has slowed, the retention of existing subscribers suggests the LYRIS lists remain an effective mechanism for disseminating information on the waivers.

Figure 2: Lyris Subscription Enrollment (February 2011 – December 2015)



To better understand the effectiveness of our outreach effort on the waivers, staff surveyed those dischargers enrolled in the waivers in November 2014, and again in November 2015. Figure 3 illustrates the comparative results of those surveys.

Figure 3: Discharger Awareness of the Waivers



Notification by industry consultants has overtaken notification by the Board as the principal way dischargers learn about the waivers. This is a positive trend that we hope continues as consultants generally have direct ties to clients with waiver-eligible projects and can educate clients about the waivers early in the project planning process. Staff appreciates the assistance provided by consultants to inform their clients about the waivers. Staff pursued an active outreach program using regional contacts and industry associations to identify and contact potential waiver-eligible compost operations in 2014-15. We hope to expand on this approach with local government agencies as they regulate many waiver-eligible-type projects like graywater systems and animal feeding operations. Many also conduct fireworks shows at certain times of the year. Outreach is needed with the U.S. Forest Service, as it has enrolled no silvicultural operations in Waiver No. 6.

2. An Overview of Seawater Desalination

Staff Contact: Ben Neill

Desalination, the process of removing dissolved minerals from brackish water or seawater to produce freshwater, is an important component of the overall water supply portfolio in the San Diego Region. As recognized in the San Diego Water Board Practical Vision chapter entitled "[Strategy to Achieve a Local Sustainable Water Supply](#)," desalinated water can be used in conjunction with other alternative water sources, such as recycled water and captured storm water, to increase local water supplies, reduce reliance on imported water and provide long-term water sustainability to the Region.

Seawater Desalination Technologies and Processes

The most common processes used for desalinating seawater are thermal distillation and reverse osmosis. Thermal distillation consists of boiling seawater at below atmospheric pressure and

then distilling the steam into water that is free of impurities. Reverse osmosis relies on filtering seawater through semipermeable membranes to remove salts and other impurities. To reverse the natural osmotic pressures in seawater, high pressure pumps force seawater through the membranes to strain out salts and other impurities thereby producing useable water. Large-scale desalination processes leave behind a concentrated salt waste stream by-product, referred to as brine, that must be properly managed to avoid adverse environmental impacts. The technology also poses other major environmental challenges, including trapping marine life at water intakes and high energy use.

The earliest major desalination facilities used thermal evaporation or multi-stage distillation processes to produce freshwater. These facilities were first built in the Persian Gulf Region, where inexpensive energy was available and freshwater sources were scarce. Due to the cost of the energy required for distillation, however, desalination facilities installed since the 1970s have increasingly used reverse osmosis technology. In the United States, reverse osmosis and other membrane systems account for nearly 96 percent of desalination capacity. In the future, desalination plants may rely on emerging desalination technologies, such as ion exchange, nanofiltration, electrodialysis, and forward osmosis; these technologies are currently impractical, however, for reducing salinity in waters with high levels of dissolved solids to meet drinking water standards.

The state of desalination technology has advanced in recent years through the use of high-efficiency energy recovery devices and improvements in reverse osmosis membrane technology. These advances have lowered the cost of producing desalinated water. Meanwhile, the availability, cost, and reliability of other traditional alternatives for augmenting water supplies are making desalination more attractive in a relative sense. Nevertheless the costs of managing brine waste produced by the desalination process are potentially large and could offset the reduction in water production costs.

Carlsbad Desalination Project

The Carlsbad Desalination Project, a seawater desalination plant owned and operated by the Poseidon Resources (Channelside) LLC (Poseidon), is the first of several seawater desalination projects in Southern California to complete construction and begin producing potable water. The Carlsbad Desalination Project is located immediately adjacent to the Encina Power Station on the shore of Agua Hedionda Lagoon (Lagoon) in the City of Carlsbad. As currently designed, the Carlsbad Desalination Project withdraws approximately 100 million gallons per day (mgd) of seawater from the Encina Power Station's cooling water effluent, treats the water via filtration and reverse osmosis to remove dissolved minerals and other impurities, and delivers approximately 50 mgd of potable water to the San Diego County Water Authority for distribution through existing water supply pipelines. The resulting brine waste from this treatment process is ultimately discharged to the Pacific Ocean.

As important as desalination is for diversifying the water supply portfolio in the San Diego Region, the process of withdrawing seawater for desalination and discharging the brine to the Pacific Ocean will impact the ecosystems in the vicinity of the intake and outfall structures. The primary concern with the withdrawal of seawater is related to the mortality of sea life in the vicinity of the intake structure. For instance, screened intakes can trap larger marine organisms, such as fish, on the intake screens while allowing smaller marine life, such as larvae and plankton, to be drawn into the desalination facility. Marine life does not survive passage through

a desalination facility. While alternatives to intake screens exist, such as subsurface intakes that can withdraw water through pipelines located beneath the seafloor, the construction of those alternatives can be costly and may also have impacts to the environment. When the Carlsbad Desalination Project was designed, the California Coastal Commission³ determined that the existing intake structure for the Encina Power Station was the most feasible alternative. Because of the marine life mortality associated with this option, the San Diego Water Board's current National Pollutant Discharge Elimination System (NPDES) Permit⁴ requires Poseidon to implement and comply with an approved Flow, Entrainment and Impingement Minimization Plan including a biological performance standard, productivity monitoring plan, and an impingement monitoring program.

The primary concern with the discharge of brine effluent from the Carlsbad Desalination Project is the potential toxic effects from the brine salt concentration (salinity) on marine organisms, such as fish and benthic organisms. The brine effluent salinity and density is greater than the natural ocean waters and tends to settle on the ocean floor. These effects can be reduced by mixing the brine effluent with seawater or freshwater to dilute the salinity before discharging it to the ocean, as was contemplated during the design of the Carlsbad Desalination Project. During the initial operational phase the brine effluent from the Carlsbad Desalination Project is mixed with cooling water effluent from the Encina Power Station prior to discharging it to the Pacific Ocean.

NRG Energy, the owner of the Encina Power Station, has notified the San Diego Water Board of its intent to permanently terminate power generating operations at the station by December 31, 2017. When this occurs, Poseidon will need to identify alternatives to minimize the intake and mortality of all forms of marine life to support a determination the San Diego Water Board must make regarding factors set forth in Water Code section 13142.5 (b) requiring the use of best available site, design, technology, and mitigation measures feasible.

Ocean Plan Amendment to Address Seawater Desalination

On May 6, 2015, the State Water Board adopted the Desalination Amendment to the California Ocean Plan establishing provisions to address potential water quality effects associated with the operation of seawater desalination facilities. The Desalination Amendment requires new or expanded seawater desalination facilities to use the best available site, design, technology, and mitigation measures feasible to minimize intake and mortality of all forms of marine life pursuant to Water Code section 13142.5(b). Based on the best available science, the Desalination Amendment identifies preferred technologies to reduce mortality of marine life including: 1) withdrawing seawater using subsurface intakes, and where subsurface intakes are not feasible, using a 1 mm or smaller slot size screen on surface intakes, with flow velocity through the screen not exceeding 0.5 feet per second; and 2) disposing of brine by commingling with wastewater that is normally discharged to the ocean. The wastewater must provide adequate dilution to ensure salinity of the commingled discharge meets the receiving water

³ California Coastal Commission, [*FINAL ADOPTED FINDINGS – Coastal Development Permit Application E-06-013, Poseidon Resources \(Channelside\), LLC*](#); approved August 6, 2008.

⁴ San Diego Water Board Order No. R9-2006-0065, as amended by Order No. R9-2009-0038 and Order No. R9-2009-0038, NPDES No. CA0109223, "[*Waste Discharge Requirements for the Poseidon Resources \(Channelside\) LLC, Carlsbad Desalination Project, Discharge to the Pacific Ocean via the Encina Power Station Discharge Channel*](#)," originally adopted on August 16, 2006, and amended on May 13, 2009, and on May 12, 2010.

limitation for salinity. Alternative intake and disposal methods can be used if they are demonstrated to be as protective of marine life as the preferred technologies. Additionally, mitigation measures are required to compensate for damages to marine life that occurs after the best available site, design, and technologies feasible are used.

The San Diego Water Board is tentatively scheduled to consider the reissuance of the NPDES Permit for the Carlsbad Desalination Project in June 2016. If adopted, the new permit will incorporate all applicable technology-based requirements, water quality based effluent limitations, and receiving water quality standards consistent with the Desalination Amendment in order to optimize protection of water quality and beneficial uses in the Pacific Ocean.

3. Status of San Diego County Water Quality Improvement Plans

Staff Contact: Wayne Chiu

A key feature of Order No. R9-2013-0001, the Regional Municipal Separate Storm Sewer System (MS4) Permit, is that it provides an adaptive management pathway for the Copermittees to select and address the highest priority water quality issues through an iterative process. This process is implemented by the Copermittees through the development of watershed-specific Water Quality Improvement Plans pursuant to the requirements in Provision B of the Regional MS4 Permit (Provision B permit requirements).

The San Diego Water Board is currently reviewing Water Quality Improvement Plans submitted by the San Diego County Copermittees (Copermittees) to determine if the Plans meet the Provision B permit requirements. The Water Quality Improvement Plans are available on the San Diego Water Board website at:

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

After a two year development process that began on June 27, 2013, the Copermittees submitted Water Quality Improvement Plans for the eight Watershed Management Areas that are wholly within San Diego County (San Luis Rey River, Carlsbad, San Dieguito River, Penasquitos, Mission Bay, San Diego River, San Diego Bay, and Tijuana River). The San Diego Water Board subsequently notified interested persons on June 29, 2015 that the Water Quality Improvement Plans were available for review and comment. Public access to the documents was provided by posting the Water Quality Improvement Plans on the San Diego Water Board website and providing a period of 30 days for public review and comment. Written comments from the public were accepted until July 31, 2015 and are posted at the above webpage link. By letter dated [August 5, 2015](#), the San Diego Water Board also provided written comments and notified the Copermittees that the Water Quality Improvement Plans were not in full compliance with the Provision B permit requirements.

The Regional MS4 Permit provides that the Copermittees must consider revisions to the Water Quality Improvement Plans based on written comments received, and submit the revised Water Quality Improvement Plans to the San Diego Water Board. From the beginning of August to mid-September 2015, the San Diego Water Board communicated in emails, teleconferences, and meetings regularly and frequently with the Copermittees to provide support and guidance for bringing the Water Quality Improvement Plans into compliance with the Provision B permit requirements. The Copermittees submitted revised Water Quality Improvement Plans to the San Diego Water Board on September 29, 2015. Review of the revised Water Quality Improvement Plans is expected to be completed before the end of 2015.

If a revised Water Quality Improvement Plan meets the Provision B permit requirements, the San Diego Water Board Executive Officer may provide a written notification of acceptance to the Copermittees in the applicable Watershed Management Area. These Copermittees must then commence implementation of the Water Quality Improvement Plan.

If a revised Water Quality Improvement Plan satisfies some, but not all, of the Provision B requirements, the San Diego Water Board Executive Officer may consider providing a written notification of conditional acceptance, depending on the remaining areas of noncompliance. In that event, the Copermittees in the applicable Watershed Management Area must commence implementation of the Water Quality Improvement Plan subject to the conditions in the notification letter. One or more Copermittees may be considered in noncompliance until the identified issues are adequately addressed.

Finally, if a revised Water Quality Improvement Plan is determined to have significant issues raised by one or more commenter that remain unresolved following Copermittee revision in response to comments, the matter will be scheduled for San Diego Water Board consideration at a public meeting.

4. Enforcement Actions (*Attachment B-4*)

Staff Contact: Chiara Clemente

During the month of October, the San Diego Water Board issued 100 written enforcement actions as follows; one Administrative Civil Liability (ACL) Complaint, one Investigative Order, four Notice of Violation (NOV) , 78 Notice of Non-Compliance, and 16 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/.

California Integrated Water Quality System (CIWQS):

http://www.waterboards.ca.gov/water_issues/programs/ciwqs/publicreports.shtml.

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

5. Sanitary Sewer Overflows (SSOs) – September 2016 (*Attachment B-5*)

Staff Contact: Dat Quach

State agencies, municipalities, counties, districts, and other entities (collectively referred to as public entities) that own or operate sewage collection systems report sanitary sewer overflow spills (SSOs) through an on-line system, the *California Integrated Water Quality System* (CIWQS). These spill reports are required under the [Statewide General SSO Order](#)⁵, the [San](#)

⁵ 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*

[Diego Region-wide SSO Order](#)⁶, and/or individual National Pollutant Discharge Elimination System (NPDES) permit requirements. Some federal entities⁷ report this information voluntarily. The SSO reports are available to the public on a real-time basis at the following State Water Board webpage:

https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportAction=criteria&reportId=sso_main

A summary of the information reported for September 2015 is provided in the following tables:

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

Part C – Statewide Issues of Importance to the San Diego Region

No Report

Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.

⁶ San Diego Water Board Order No. R9-2007-0005, *Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region.*

⁷ 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.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

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

December 16, 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
January 2016 <i>No Meeting Scheduled</i>				
February 10, 2016 <i>San Diego Water Board</i>				
Information Item on Geotracker (<i>Thotakura</i>)	Information Item	NA	NA	NA
Update on Implementation of the Practical Vision and Operational Plan for 2016. (<i>Gibson</i>)	Information Item	NA	NA	NA
Addendum No. 1: Order No. R9-2009-0072, County of San Diego Sanitation District, San Pasqual Academy Water Pollution Control Facility, San Diego County (<i>Osibodu</i>)	WDR Addendum	100%	21-Dec-2015	Yes
Tentative Order Rescinding Order No. R9-2007-0042, Waste Discharge Requirements for Winchester Wesslink Dairy, Riverside County (<i>Mitchell</i>)	WDR Rescission	100%	7-Jan-2016	Yes
Assesment of Civil Liability for Construction Storm Water Violation Against San Altos-Lemon Grove, LLC. (<i>Jayne</i>)	ACL Complaint	95%	28-Jan-2016	No
Assesment of Civil Liability for Sediment Pollution from Construction Storm Water Activities Against SANDAG (<i>Jayne</i>)	ACL Complaint	99%	28-Jan-2016	No
Election of Chair and Vice-Chair (<i>Gibson</i>)	Election	NA	NA	NA
March 9, 2016 <i>San Diego Water Board</i>				
Tentative Addendum 4 to Waste Discharge Requirements Order No. 99-74, Sycamore Landfill, Republic Services Inc., San Diego County. (<i>Grove</i>)	WDR Addendum	85%	29-Jan-16	Yes
Innovative Cleanup and Abatement of PCB Contaminated Sediment in San Diego Bay at the Laurel/Hawthorn Embayment: A Case Study (<i>McDaniel</i>)	Information Item	NA	NA	NA
NPDES Permit Renewal - Encina Power Plant (<i>Neill</i>)	NPDES Permit Reissuance	90%	TBD	No
Revised Master Reclamation Permit for the Ramona Municipal Water District, Santa Maria Wastewater Treatment Plant, City of Ramona, San Diego County (<i>Cali</i>)	Revised Master Reclamation Permit	95%	TBD	Yes

Agenda Items Requested by Board Members

Requested Agenda Item	Board Member	Status
March 16, 2015		
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 for December 2015.
Estimate of PYs necessary to achieve the goals of the Practical Vision, the amount of PYs expected	Abarbanel	Executive Officer and Assistant Executive
April 15, 2015		
Information Item regarding Padre Dam Advanced Treatment Facility	Strawn	May 13, 2015 Executive Officer's Report
June 24, 2015		
Update on Ametek cleanup	Strawn	November 18, 2015 Executive Officer's Report
Workshop on low dissolved oxygen conditions in the San Diego River	Strawn	
Information Item regarding high levels of naturally occurring elements in groundwater when they interact with other issues.	Olson	
August 12, 2015		
Information item regarding data supporting Basin Plan Water Quality Objectives	Olson	
September 9, 2015		
Briefing on Senate Bill 163	Olson	Scheduled for December 2015
Update on Nelson Sloan Quarry project.	Strawn	November 2015 EOR.
Using sea level rise mapping capabilities developed by the USN.	Abarbanel	
Tour of USN laboratory	Olson	
November 18, 2015		
Performing Outreach visits to local Water Districts.	Abarbanel	Outreach meetings are being scheduled for 2016.

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/19/2015	Administrative Civil Liability Complaint No. R9-2015-0110	San Altos-Lemon Grove, LLC, Lemon Grove	\$848,374 ACL Complaint for unauthorized discharges of sediment and sediment-laden storm water due to failure to implement proper best management practices (BMPs) at a construction site	National Pollutant Discharge Elimination System (NPDES) General Construction Storm Water Permit Order No. R9-2009-0009-DWQ
10/26/2015	Investigative Order No. R9-2015-0058	Cities of La Mesa, Lemon Grove, and San Diego, Caltrans, NASSCO, and Unified Port District; Chollas Creek at San Diego Bay	Request to multiple parties for technical reports regarding sediment quality for the mouth of Chollas Creek and Chollas Creek tidally-influenced area	California Water Code (CWC) Section 13267 and 13304
10/01/2015	Notice of Violation No. R9-2015-0155	San Diego Unified School District, Correia Junior High School, San Diego	Unauthorized discharges of sediment and sediment-laden stormwater due to failure to implement BMPs at a construction site	NPDES General Construction Storm Water Permit Order No. R9-2009-0009-DWQ
10/12/2015	Notice of Violation No. R9-2015-0139	M.B. Organics, Inc. Galway, Temecula	Failure to submit a report of waste discharge (ROWD) for producing compost at a site	CWC Section 13260, 13264, and Basin Plan Waste Discharge Prohibitions
10/30/2015	Notice of Violation No. R9-2015-0077	Koehler Kraft, San Diego, San Diego Bay	Unauthorized discharges from a boat maintenance and repair facility	NPDES Order No. R9-2013-0026
10/30/2015	Notice of Violation No. R9-2015-0076	Oceanside Marine Center, Oceanside, Oceanside Harbor	Unauthorized discharges from boatyards, boat maintenance, and repair facilities	NPDES General Industrial Storm Water Permit Order No. R9-2013-0026

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	Aerowind Corporation, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Aircraft Ser Intl., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	All Ways Recycling, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	America Auto Repair, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	ATK Space Systems, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	A&A Auto Wrecking, Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Brinks Inc., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Brown Field Truck Auto Dist., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Cal Artisan Castings, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	CA Metals, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Rush Press, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Control Components, Rancho Santa Margarita	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Cornerstone Remodel, San Marcos	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Craftstones, Ramona	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Cymer Inc., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Dan Miller Auto Salvage, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	RC Import Auto Recycler, Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Sure Shot Plastics Inc., San Marcos	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	El Vaquero Auto Wrecking, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Escondido Disposal, Escondido	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Escondido Recycling Yard, Escondido	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Flatline Ready Mix, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Gilead Sciences Inc., Oceanside	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	GM Materials Ready Mix, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Greenstone Materials Inc., Riverside	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Harcon Precision Metals Inc., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	High Tech Auto Dismantling LLC, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	Research Place, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Carroll Park Dr. Facility, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Imperial Auto Wrecking, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Japanese Auto Wrecking, Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Foamco LLC, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	San Diego Crating and Packing, Poway	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Ben's Recycling & Scrap, Oceanside	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Las Vegas La Express Inc., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Lite Stone Concrete, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	Main Street Recycling Inc., Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Marjan Stone, Spring Valley	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	MCM Auto Recycling, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Mad Mikes Motorcycles, San Clemente	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Mikes Metal Works Inc., Jamul	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Millers Towing, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Miramar Truck Center, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Modern Stairways, Spring Valley	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Montoya's Auto Wrecking LLC, Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	Multimodal Esquer Inc., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Mustache Corporation DBA Fast Auto Wrecking, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Oceanside City Mission Avenue, Oceanside	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	OC Trucking, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Pacific Ambulance, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Pac Steel Inc., National City	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Frontier Towing and Storage, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Pete Sciarrino, Santee	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Quality Controlled Mfg. Inc., Lakeside	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	Quality Systems Integrated Corp., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Japan Tech Auto Wrecking, Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	R C P Block & Brick Inc., Santee	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	R C Import Auto Recyclers, Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Richardson Recycling, Ramona	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Gear Vendors Inc., El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Bart's Iron Design, Capistrano Beach	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Saddleback Valley Unified School District, Mission Viejo	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	San Diego Auto Wrecking & Recycling, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	San Diego Powder Coating, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	San Diego Truck Body and Equip., Lemon Grove	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Moreno Pallets Inc., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Maurice Carrie Winery, Temecula	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	South Bay Sand Blasting and Tank Cleaning Inc., San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Stoneworks, El Cajon	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Texano Auto Recycling INC, Chula Vista	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Ramona Duck Farm, Ramona	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Kojima America Corp, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/30/2015	Notice of Non-Compliance	Tunys Auto Wrecking, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Union Auto Wrecking, San Ysidro	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	6540 Federal Blvd Partnership, Lemon Grove	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	MCM Auto Recycling, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	Golden Auto Wrecking, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Notice of Non-Compliance	West Tech Contracting, San Diego	Failure to file Notice of Intent to recertify enrollment in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/01/2015	Staff Enforcement Letter	Point Loma Waste Water Treatment Plant, San Diego	Unauthorized discharges of ferrous chloride into the secondary containment area due to a damaged discharge line and pump	NPDES Order No. R9-2009-0001
10/01/2015	Staff Enforcement Letter	Custom Engineering Plastics, San Diego	Failure to implement good housekeeping BMPs to prevent stormwater from comingling with possible pollutants to surface waters or storm drains	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/02/2015	Staff Enforcement Letter	Beckman Coulter, Carlsbad	Inaccurate report of no exposure; failure to enroll in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/06/2015	Staff Enforcement Letter	South Bay International Wastewater Treatment Plant, San Diego	Multiple reporting deficiencies in monthly electronic self-monitoring reports (eSMRs)	Waste Discharge Requirements (WDR) Order No. 96-50 and 2014-0009
10/13/2015	Staff Enforcement Letter	San Elijo Water Reclamation Facility, Encinitas	Exceedance of effluent limitations for 7-day average fecal coliform, 30-day average total coliform, and average chlorine contact time values	WDR Order No. 2000-010
10/13/2015	Staff Enforcement Letter	Santa Rosa Water Reclamation Facility, Murrieta	Exceedance of effluent limitations for 12 month average discharge of Total Dissolved Solids (TDS)	WDR Order No. 94-92
10/13/2015	Staff Enforcement Letter	Delta Design Inc., Poway	Inaccurate report of no exposure; Failure to enroll in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/13/2015	Staff Enforcement Letter	Stratasys Direct Inc., Poway	Inaccurate report of no exposure; Failure to enroll in the new Industrial Storm Water Permit	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/15/2015	Staff Enforcement Letter	Ray Stoyer Water Reclamation Facility, Santee	Deficient monitoring of the 5-day biochemical oxygen demand (BOD5) and exceedance of effluent limitations for enterococci	WDR Order No. 2015-0002
10/21/2015	Staff Enforcement Letter	OHL USA Inc., Temecula	Inadequate Storm Water Pollution Prevention Plan (SWPPP) and inadequate BMPs at a construction site	NPDES General Construction Storm Water Permit Order No. R9-2009-0009-DWQ

Enforcement Actions for October 2015

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Requirements/ Order Violated
10/22/2015	Staff Enforcement Letter	SPL Waterhousings Inc., San Diego	Failure to implement good housekeeping BMPs	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/23/2015	Staff Enforcement Letter	Plasmetex Industries Inc, San Marcos	Failure to implement good housekeeping BMPs	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/27/2015	Staff Enforcement Letter	RR Donnelley, San Diego	Failure to implement good housekeeping BMPs	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Staff Enforcement Letter	Minicci Stone Inc., San Diego	Failure to implement good housekeeping BMPs	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Staff Enforcement Letter	Central Marble Supply, San Diego	Failure to implement good housekeeping BMPs	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ
10/30/2015	Staff Enforcement Letter	Mission Brewery, San Diego	Failure to implement good housekeeping BMPs	NPDES General Industrial Storm Water Permit Order No. 2014-0057-DWQ

Table 1: September 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	Additional Details	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area
		(Gallons)	(Gallons)	(Gallons)						
Carlsbad MWD	Carlsbad MWD CS	10	10	0	100%	0%		4.8	282.0	69,420
Coronado City	City of Coronado CS	90	35	65	39%	72%	1*	6.6	39.3	24,697
Encinitas City	City of Encinitas CS	250	200	0	80%	0%	2*	4.0	123.0	36,100
Escondido City	HARRF Disch To San Elijo OO CS	25	25	0	100%	0%		10.7	370.0	142,000
La Mesa City	City of La Mesa CS	25	25	0	100%	0%		0.0	155.0	58,244
Laguna Beach City	City of Laguna Beach CS	150	150	0	100%	0%		9.0	86.0	18,000
Poway City	City of Poway CS	48	48	0	100%	0%		3.4	185.0	42,862
San Diego City	San Diego City CS (Wastewater Collection System)	1,580	1,180	0	75%	0%	3*	145.0	3,002.0	2,186,810
		19,500	19,500	0	100%	0%				
		505	505	0	100%	0%				
		30	0	0	0%	0%	4*			
Trabuco Canyon WD	Trabuco Canyon Water District CS	12,000	12,000	0	100%	0%		9.0	46.5	12,700
US Marine Corps Base Camp Pendleton	USMC Base, Camp Pendleton CS	27,369	2,423	27,369	9%	100%	5*	35.0	122.0	85,000
		3,600	3,600	0	100%	0%				
	Totals for Public Spills	34,263	33,728	65						
	Totals for Federal Spills	30,969	6,023	27,369						

*Total Recovered plus Total Reaching Surface Waters does not always equal Total Volume for one or more of the following reasons: 1) a portion of the spill may have been to land and not recovered, 2) a portion of the spill may have been to a drainage channel and recovered (all of the volume discharged to a drainage channel whether recovered or not is considered reaching surface waters), and/or 3) a portion of the spill may have been discharged directly to surface waters and recovered (all of the volume discharged directly to surface waters whether recovered or not is considered reaching surface waters).

1* 90 gallons were discharged. Total 35 gallons were recovered (15 gallons from storm drain, 10 gallons from land, and 10 gallons from surface water). 65 gallons were considered reaching surface water, which also included 10 gallons recovered from surface water.

2* 250 gallons were discharged to land. 200 gallons were recovered, and 50 gallons seeped into the ground and/or evaporated.

3* 1,580 gallons were discharged to land. 1,180 gallons were recovered, and 400 gallons seeped into the ground and/or evaporated.

4* All 30 gallons seeped into the ground and/or evaporated.

5* 27,369 gallons were discharged to a drainage channel that flows to a surface water body. All 27,369 gallons were considered reaching the surface water, which also included 2,423 gallons recovered from drainage channel.

Table 2: September 2015 - Summary of Private Lateral Sewage Spills in the San Diego Region

Reporting Agency	Collection System	Total Volume*	Total Recovered*	Total Reaching Surface Waters*	Percent Recovered	Percent Reaching Surface Waters	Additional Details	Population in Service Area	Lateral Connections
		(Gallons)	(Gallons)	(Gallons)	(%)	(%)			
El Toro Water District	El Toro Water District R9 CS	2	0	0	0%	0%	1*	50,180	9,500
		3	0	0	0%	0%	2*		
National City	City of National City CS	5	5	0	100%	0%		58,967	8,000
		2,400	25	0	1%	0%	3*		
Padre Dam Municipal Water District	Padre Dam CS	3,440	0	3,440	0%	100%		67,658	15,024
		464	8	457	2%	98%			
San Diego City	San Diego City CS (Wastewater Collection System)	216	0	0	0%	0%	4*	2,186,810	267,237
		6,530	38	3,897					
Totals									

*Total Recovered plus Total Reaching Surface Waters does not always equal Total Volume for one or more of the following reasons: 1) a portion of the spill may have been to land and not recovered, 2) a portion of the spill may have been to a drainage channel and recovered (all of the volume discharged to a drainage channel whether recovered or not is considered reaching surface waters), and/or 3) a portion of the spill may have been discharged directly to surface waters and recovered (all of the volume discharged directly to surface waters whether recovered or not is considered reaching surface waters).

1* All two gallons seeped into the ground and/or evaporated.

2* All three gallons seeped into the ground and/or evaporated.

3* 2,400 gallons were discharged to land. 25 gallons were recovered and 2,375 gallons seeped into the ground and/or evaporated.

4* All 216 gallons seeped into the ground and/or evaporated.