

California Regional Water Quality Control Board

San Diego Region

David Gibson, Executive Officer



Executive Officer’s Report

August 8, 2018

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The August 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 this report.

Part A – San Diego Region Staff Activities

1. Personnel Report

Staff Contact: Lori Costa

The Organizational Chart of the San Diego Water Board is available at http://www.waterboards.ca.gov/sandiego/about_us/org_charts/orgchart.pdf

Promotion

Roger Mitchell, an Engineering Geologist in the Storm Water Management Unit, has accepted the Senior Engineering Geologist position to oversee the Site Restoration, Military Facilities Unit. Roger has worked for the San Diego Water Board for seven years and previously worked at the State Board in the Division of Water Quality for four years. He began his new duties on July 2, 2018.

Recent Hire

Anais Gaunin, Scientific Aid in the Wetland and Riparian Protection Unit, began working on July 2, 2018. Her duties include program support and data management. Anais is attending San Diego State University and plans to graduate in May 2020 with a Bachelor of Science degree in Environmental Engineering. In her free time, she enjoys swimming, body surfing, reading, and playing her trumpet.

Departure

Alex Cali, Water Resource Control Engineer, in the Groundwater Protection Unit, left State service on July 24, 2018. Alex began working for the San Diego Water Board in 2012.

Recruitment

The recruitment process has begun to fill four positions: (1) the Staff Services Manager I position in the Mission Support Services Unit; (2) the Student Assistant Engineer position in the Groundwater Protection Unit; and (3/4) two Water Resource Control Engineer positions also in the Groundwater Protection Unit. Interviews are in progress for the Engineering Geologist position in the Site Restoration Unit.

2. Budget Report

Staff Contact: Lori Costa

On June 27, 2018, Governor Jerry Brown signed the 2018-19 Budget Act, which included \$201.4 billion in spending.

The 2018 Budget Act (Chapter 29, Statutes of 2018) includes an increase of \$147.3 million for California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (Proposition 68), as the voters passed Senate Bill 5 which was on the June 2018 ballot. This amount includes \$1.3 million State operations funding for 10 positions to provide \$35 million for safe drinking water, \$27.2 million for regional water supply projects, and \$83.7 million for groundwater sustainability and technical assistance for local water agencies.

Part B – Significant Regional Water Quality Issues

1. Status of Claude “Bud” Lewis Carlsbad Desalination Plant NPDES Permit Reissuance

Staff Contact: Ben Neill

This report provides a monthly status update on the San Diego Water Board's review of [Poseidon Resources \(Channelside\) LLC's](#) (Poseidon) Report of Waste Discharge (ROWD) application for reissuance of the National Pollutant Discharge Elimination System (NPDES) permit for the [Claude “Bud” Lewis Carlsbad Desalination Plant](#) (CDP) and the development of the draft NPDES permit. The reissuance of the NPDES permit for the CDP is a high priority for the San Diego Water Board and the State Water Board (collectively referred to as Water Boards). Following is an update on a key activity since the [previous Executive Officer Report](#) update¹:

- Chapter III.M.2.a(1) of the California Ocean Plan provides that regional water boards may require an owner or operator of a desalination facility to hire a neutral third party entity to review studies and models and make recommendations to the boards regarding a Water Code section 13142.5(b) determination for the best available site, design, technology and mitigation measures feasible to minimize the intake and mortality of all forms of marine life at new or expanded desalination facilities. On June 21, 2018 the Science Advisory Panel (SAP)² held a meeting to discuss and review three topics designated by the San Diego Water Board: 1) biological performance standards; 2) calculation of marine life impacts; and 3) comparison of intake screen locations. Prior to the discussion, the SAP toured the CDP examining the existing intake and discharge facilities for co-located operations and the proposed location of the future intake screens. The SAP met by teleconference with Poseidon, Poseidon's consultants, and the Water Boards on June 25, 2018 and July 2, 2018 to clarify the methods used by Poseidon's consultants to calculate the CDP's potential marine life impacts for stand-alone operation.

Background

Poseidon owns and operates the CDP subject to waste discharge requirements established by the San Diego Water Board in NPDES Permit No. CA0109223, Order No. R9-2006-0065. Order No. R9-2006-0065 expired in 2011, but remains in effect under an administrative extension until the reissued NPDES permit supersedes it. The CDP is located adjacent to the Encina Power Station (owned by [NRG Energy](#)) on the southern shore of the [Agua Hedionda Lagoon](#) in Carlsbad, California. The CDP is the nation's largest seawater desalination plant. On November 9, 2015, the CDP began potable water production providing up to 50 million gallons of drinking water per day to customers within the SDCWA service area. The CDP currently intakes source water from Agua Hedionda Lagoon through the existing Encina Power Station discharge structure.

¹ Additional information regarding the CDP can be found in Executive Officer Reports for [June 2018](#), [May 2018](#), [April 2018](#), [February 2018](#), [December 2017](#), [October 2017](#), [September 2017](#), [August 2017](#), [June 2017](#), [April 2017](#), [February 2017](#), [December 2016](#), [November 2016](#), [October 2016](#), [September 2016](#), [August 2016](#), [May 2016](#), [December 2015](#), [September 2015](#), and [June 2015](#).

² The SAP consists of Dr. Pete Raimondi, professor and chair of the Department of Ecology and Evolutionary Biology at the University of California (UC) Santa Cruz; Dr. Richard Ambrose, professor in the Department of Environmental Health Sciences at UC Los Angeles; and Dr. Brett Sanders, professor in the Department of Civil and Environmental Engineering at UC Irvine.

The San Diego Water Board has developed a dedicated website to inform the public about the NPDES permit reissuance for the CDP:

http://www.waterboards.ca.gov/sandiego/water_issues/programs/regulatory/carlsbad_desalination.shtml.

In addition, an email list is available for interested persons to subscribe to at this website:

http://www.waterboards.ca.gov/resources/email_subscriptions/reg9_subscribe.shtml.

2. Enforcement Actions for May and June 2018 (*Attachment B-2*)

Staff Contact: Chiara Clemente

During the months of May and June 2018, the San Diego Water Board issued 42 written enforcement actions as follows; 2 settlement orders for administrative civil liability, 1 Investigative Order pursuant to California Water Code Section 13267, 16 Notices of Violation, and 23 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/>.

3. Sanitary Sewer Overflows and Transboundary Flows from Mexico in the San Diego Region – April 2018 and May 2018 (*Attachment B-3*)

Staff Contact: Keith Yaeger

Sanitary sewer overflow (SSO) discharges from sewage collection systems and private laterals, and transboundary flows from Mexico into the San Diego Region can contain high levels of suspended solids, pathogenic organisms, toxic pollutants, nutrients, oil, and grease. SSO discharges and transboundary flows can pollute surface and ground waters, threaten public health, adversely affect aquatic life, and impair the recreational use and aesthetic enjoyment of surface waters. Typical impacts of SSO discharges and transboundary flows include the closure of beaches and other recreational areas, the inundation of property, and the pollution of rivers and streams.

Sanitary Sewer Overflows (SSOs)

State agencies, municipalities, counties, districts, and other entities (collectively referred to as public entities) that own or operate sewage collection systems report SSO spills through an on-line database system, the *California Integrated Water Quality System* (CIWQS). These spill reports are required under

the [Statewide General SSO Order](#)³, the [Regional Water General SSO Order](#)⁴, and/or individual National Pollutant Discharge Elimination System (NPDES) permit requirements. Some federal entities⁵ report this information voluntarily. Most 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.

Details on the reported SSOs are provided in the following attached tables (Attachment B-3):

- Table 1: April 2018 - Summary of Public and Federal Sanitary Sewer Overflows in the San Diego Region
- Table 2: May 2018 - Summary of Public and Federal Sanitary Sewer Overflows in the San Diego Region
- Table 3: April 2018 - Summary of Private Lateral Sewage Discharges in the San Diego Region
- Table 4: May 2018 - Summary of Private Lateral Sewage Discharges in the San Diego Region

A summary view of information on SSO trends provided in the following attached figures (Attachment B-3):

- Figure 1: Number of SSOs per Month
- Figure 2: Volume of SSOs per Month

These figures show the number and total volume of sewage spills per month from April 2017 to May 2018. During this period, 36 of the 50 collection systems regulated under the SSO Program reported one or more sewage spills. Fourteen collection systems did not report any sewage spills. A total of 344 sewage spills were reported and approximately 143,000 gallons of sewage reached surface waters.

Additional information about the San Diego Water Board sewage overflow regulatory program is available at http://www.waterboards.ca.gov/sandiego/water_issues/programs/ss0/index.shtml.

Transboundary Flows

Water and wastewater in the Tijuana River and from several canyons located along the international border ultimately drain from Tijuana, Mexico into the U.S. The water and wastewater flows are collectively referred to as transboundary flows. The U.S. Section of the International Boundary and Water Commission (USIBWC) has built canyon collectors to capture dry weather transboundary flows from some of the canyons for treatment at the South Bay International Wastewater Treatment Plant (SBIWTP) in San Diego County at the U.S./Mexico border. Dry weather transboundary flows that are not captured by the canyon collectors for treatment at the SBIWTP, such as flows within the main channel of the Tijuana River, are reported by the USIBWC pursuant to [Order No. R9-2014-0009](#), the NPDES

³ 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*.

⁴ San Diego Water Board Order No. R9-2007-0005, *Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region*.

⁵ 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 and the U.S. Navy voluntarily report sewage spills through CIWQS.

permit for the SBIWTP discharge. These uncaptured flows can enter waters of the U.S. and/or State, potentially polluting the Tijuana River Valley and Estuary, and south San Diego beach coastal waters.

Details on the reported transboundary flows are provided in the attached tables (Attachment B-3):

- Table 5: April 2018 - Summary of Transboundary Flows from Mexico into the San Diego Region
- Table 6: May 2018 - Summary of Transboundary Flows from Mexico into the San Diego Region

According to the 1944 *Water Treaty for the Utilization of Waters of the Colorado and Tijuana Rivers and of the Rio Grande* and stipulations established in [IBWC Minute No. 283](#), the USIBWC and the Comisión Internacional de Límites y Aguas (CILA)⁶ share responsibility for addressing border sanitation problems, including transboundary flows. Efforts on both sides of the border have led to the construction and ongoing operation of several pump stations and treatment plants to reduce the frequency, volume, and pollutant levels of transboundary flows. This infrastructure includes but is not limited to the following:

- The SBIWTP, located just north of the U.S./Mexico border, provides secondary treatment for a portion of the sewage from Tijuana, Mexico and dry weather runoff collected from a series of canyon collectors located in Smuggler Gulch, Goat Canyon, Canyon del Sol, Stewart's Drain, and Silva Drain. The secondary-treated wastewater is discharged to the Pacific Ocean through the South Bay Ocean Outfall, in accordance with Order No. R9-2014-0009, NPDES No. CA0108928.
- Several pump stations and wastewater treatment plants in Tijuana, Mexico.
- The River Diversion Structure and Pump Station CILA in Tijuana divert dry weather flows from the Tijuana River. The flows are diverted to a Pacific Ocean shoreline discharge point approximately 5.6 miles south of the U.S./Mexico border, or can be diverted to SBIWTP or another wastewater treatment plant in Tijuana, depending on how Tijuana's public utility department (CESPT) configures the collection system. The River Diversion Structure is not designed to collect wet weather river flows and any river flows over 1,000 liters per second (35.3 cubic feet per second).

Additional information about sewage pollution within the Tijuana River Watershed is available at https://www.waterboards.ca.gov/sandiego/water_issues/programs/tijuana_river_valley_strategy/sewage_issue.html.

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

No Reports

⁶ The Mexican section of the IBWC.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

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

August 8, 2018

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
September 12, 2018				
<i>Fallbrook Public Utilities Department</i>				
Update by the City of San Diego on Construction Site Oversight <i>(Walsh)</i>	Informational Item	NA	NA	NA
NPDES Permit Reissuance for the Encina Wastewater Authority, Encina Water Pollution Control Facility, Encina Ocean Outfall <i>(Lim)</i>	Permit Reissuance	100%	23-Jul-18	Yes
October 10, 2018				
<i>San Diego Water Board</i>				
NPDES Permit Reissuance for San Diego Gas and Electric, Palomar Energy Center, San Elijo Ocean Outfall <i>(Lim)</i>	Permit Reissuance	50%	TBD	Yes
NPDES Permit Reissuance for Stone Brewing Company, San Elijo Ocean Outfall <i>(Lim)</i>	Permit Reissuance	50%	TBD	Yes
Master Plan Expansion of Sycamore Landfill, Republic Services Inc., San Diego County. <i>(Grove)</i>	New WDRs	80%	12-Aug-2018	No
Resolution Adopting the Triennial Review of the Basin Plan <i>(Ebsen)</i>	Resolution	90%	6-Aug-18	No
November 14, 2018				
<i>San Diego Water Board</i>				
California Environmental Quality Act for Biological Objectives <i>(Loflen)</i>	Resolution	75%	TBD	No
Basin Plan Update to Incorporate Biological Objectives for the San Diego Region <i>(Loflen)</i>	Basin Plan Update	75%	TBD	No
Tentative Investigative Order to Quantify Sources of Human Waste in to the San Diego River <i>(Mitchell)</i>	Investigative Order Issuance	90%	20-Jun-2018	No

Agenda Items Requested by Board Members

Requested Agenda Item	Board Member	Status
June 24, 2015		
Gary Strawn would like more information on how to address low dissolved oxygen conditions in the San Diego River.	Strawn	
Informational item about how the Board deals with high levels of naturally occurring elements in groundwater when they interact with other uses.	Olson	
August 12, 2015		
Informational item on the data that supports the Basin Plan WQOs.	Olson	
December 16, 2015		
Workshop on the status of restoration and land acquisition efforts along the San Diego River.	Strawn	
August 10, 2016		
Informational item before the Board on the SCCWRP Flow Recovery Project once their report is available.	Strawn	
March 15, 2017		
Information item regarding impacts of population dynamics on water quality	Olson	
Clarify operation of value for beneficial use	Abarbanel	
June 21, 2017		
San Diego Water Board to partner with the San Diego Unified Port District in planning and conducting additional and more focused outreach meetings with stakeholder groups on San Diego Bay water quality issues and environmental justice issues.	Abarbanel	

Agenda Items Requested by Board Members

Requested Agenda Item	Board Member	Status
San Diego Water Board to provide an opportunity for San Diego Unified Port District participation in analysis of the data from the San Diego Bay Fish Consumption Study.	Abarbanel	
San Diego Unified Port District report back to San Diego Water Board on the steps the Port District is taking in their decision-making on San Diego Bay projects to ensure “long-term net gain in the quantity, quality, and permanence of wetlands acreage and values...”	Abarbanel	
San Diego Water Board to support and encourage the San Diego Unified Port District participation in the Southern California Coastal Water Research Project (SCCWRP) so that the Port District can be a recipient of the water quality science research conducted by SCCWRP.	Abarbanel	
September 13, 2017		
A future board meeting will include an agenda item on how best to amend the WDRs.	Abarbanel	
December 13, 2017		
Gary Strawn wants an Informational Item on the low dissolved oxygen issues in the San Diego River. In particular, he wants to know more about the aerators added to the river. He would like the San Diego River Park Foundation and the San Diego River Conservancy to attend and possibly present information	Strawn	

Agenda Items Requested by Board Members

Requested Agenda Item	Board Member	Status
February 14, 2018		
The Board's Tentative Resolution on Climate Change to include a request to obtain a climate scientist as part of the San Diego Water Board staff.	Abarbanel	
April 11, 2018		
Identify and review current proposed legislation related to homeless populations and related issues	Olson	
Formation of a "Volunteer Climate Science Advisory Panel" to inform board staff of the latest climate science; to consist of members from the Scripps Institution of Oceanography, the Southern California Coastal Research Project, San Diego State University, the University of California at Irvine, and possibly from the San Francisco Estuary Institute.	Abarbanel	
Do "more" for environmental justice; work with the recently formed Office of Environmental Justice at the Attorney General. Provide a background report regarding the possibility.	Abarbanel	
Future Executive Officer's Reports to clearly explain the opportunity to comment on the proposed enforcement priorities for the coming year.	Warren	

Agenda Items Requested by Board Members

Requested Agenda Item	Board Member	Status
May 9, 2018		
<p>Letter to State Water Resources Control Board Executive Director Eileen Sobeck and Board Member Joaquin Esquivel requesting a response to questions posed to Mr. Esquivel by members of the San Diego Water Board at the April 2018 Board Meeting. The letter is to be signed by Chair Morales and Vice Chair Abarbanel.</p>	Abarbanel	
<p>Provide an off-cycle update to the Clean Water Act Section 305(b) and 303(d) Integrated Report (which includes the list of impaired waters). Further, use data submitted to the Board up to six months prior to the time of adoption of the next regularly scheduled Integrated Report.</p>		
<p>Reach out to the Mayor of Temecula about possible attendance at the October Water Quality Coordinating Committee meeting in Sacramento.</p>	Abarbanel	
<p>Provide statistics regarding homeless in the San Diego Region. The list will include health impacts and associated illnesses, along with the number of camps, campers, and the amount of trash.</p>	Olson	
<p>Send a response to CalEPA's comment letter asking for the establishment of a climate change panel in each Region and asking to create a hiring classification for climate scientists, to be equal to geologists, engineers, and other scientists.</p>	Abarbanel	

Agenda Items Requested by Board Members

Requested Agenda Item	Board Member	Status
June 20, 2018		
Board Members to visit an Indirect Potable Reuse site in the Riverside Water Board portion of Orange County.	Olson	
Visit the wastewater treatment facility at SeaWorld.	Olson	October 4, 2018
Incorporate education of the public on the need to protect water quality into Board actions whenever practicable.	Morales, Abarbanel	
Invite Southern California Edison back for another meeting to address Board Member follow up questions.	Morales, Abarbanel, Warren	
Meet with Southern California Edison to discuss development fo a new strategy to compel a federal solution to the storage of spent nuclear fuel.	Abarbanel	

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
5/2/2018	Settlement Order No. R9-2018-0020	SOCWA, 3A and Chiquita Water Reclamation Plants, Orange County	Adoption of administrative civil liability by expedited payment letter for five mandatory minimum penalties totaling \$12,000.	National Pollutant Discharge Elimination System (NPDES) Order No. R9- 2012-0012
6/4/2018	Settlement Order No. R9-2018-0072	Pardee Homes, Castlerock Weston Construction Site, Santee	Adoption of administrative civil liability by settlement agreement for construction storm water violations with penalties totaling \$291,286.	NPDES Construction General Permit Order No. 2009-0009-DWQ
6/18/2018	Notice of Violation (NOV) and Investigative Order No. R9-2018-0057	Otay MWD, Ralph W. Chapman Facility, Spring Valley	Multiple violations of total coliform effluent limits and request for Title 22 Compliance Evaluation Report	Waste Discharge Requirements (WDR) Order No. R9-2007-0038
6/13/18	NOV No. R9-2018-0117	Rainbow Valley Nursery, Fallbrook	Failure to submit a Notice of Intent as required per Directive Letter dated April 20, 2018	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
6/15/2018	NOV No. R9-2018-0119	Citizens Development Corporation, San Marcos	Failure to obtain permit coverage prior to pesticide discharge	Failure to enroll in Water Quality Order No. 2016-0039-DWQ

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
6/19/2018	NOV No. R9-2018-0093	City of Aliso Viejo, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0094	City of Dana Point, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0095	City of Laguna Beach, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0096	City of Laguna Hills, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0097	City of Laguna Niguel, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
6/19/2018	NOV No. R9-2018-0098	City of Laguna Woods, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0099	City of Lake Forest, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0100	City of Mission Viejo, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0101	Orange County Flood Control, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0102	Rancho Santa Margarita, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
6/19/2018	NOV No. R9-2018-0103	City of San Clemente, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/19/2018	NOV No. R9-2018-0104	City of San Juan Capistrano, MS4	Failure to prohibit over-irrigation as an illicit discharge through statute, ordinance, permit, contract, order or similar means.	NPDES Municipal Storm Water Permit Order No. R9-2013-0001 as amended by R9-2015-0001
6/21/2018	NOV No. R9-2018-0087	Santa Rosa Regional Resources Authority, Santa Rosa Water Reclamation Facility, Temecula	Multiple exceedances of Biochemical Oxygen Demand, Total Suspended Solids, Nitrate, Total Dissolved Solids, and Chloride effluent limitations.	Waste Discharge Requirements (WDR) Order No. 94-92
5/1/18	Staff Enforcement Letter	Thornton Winery, Temecula	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
5/1/18	Staff Enforcement Letter	Europa Village, Temecula	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
5/3/2018	Staff Enforcement Letter	City of Temecula, I-15/SR-79S Ultimate Interchange, Temecula	Deficient BMPs	NPDES Construction General Permit Order No. 2009-0009-DWQ
5/3/2018	Staff Enforcement Letter	AdvancePlastics, National City	Failure to meet No Exposure Certification (NEC) requirements	NPDES Industrial General Permit Order No. 2014-0057-DWQ
5/3/2018	Staff Enforcement Letter	Presidio Cornerstone QC LLC, Quarry Creek, Carlsbad	Deficient BMP Implementation	NPDES Construction General Permit Order No. 2009-0009-DWQ
5/16/18	Staff Enforcement Letter	Wilson Creek Winery, Temecula	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
5/16/18	Staff Enforcement Letter	Ponte Winery, Temecula	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
5/17/2018	Staff Enforcement Letter	Vallecitos Water District, Meadowlark WRP, Carlsbad	Failure to meet instantaneous minimum for chlorine concentration modal contact time	WDR Order No. R9-2007-0018
5/24/18	Staff Enforcement Letter	Lindshield Ranches, San Diego	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
5/25/2018	Staff Enforcement Letter	Santa Margarita Water District, Chiquita Water Reclamation Plant, San Juan Capistrano	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ
5/25/2018	Staff Enforcement Letter	Tito's Metals, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ
5/29/2018	Staff Enforcement Letter	St Auto Recycling Inc DBA Max Auto Recycling, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
5/30/18	Staff Enforcement Letter	Doffo Winery, Temecula	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
6/1/2018	Staff Enforcement Letter	Charritos Rommel Enterprises Inc, Jalos Auto Dismantling, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ
6/1/2018	Staff Enforcement Letter	Norma Zeigler, Freddy's Auto Wrecking, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ
6/7/2018	Staff Enforcement Letter	Leos Auto Wrecking Inc, Pirate Auto Dismantling, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ
6/8/2018	Staff Enforcement Letter	Target Auto Wrecking Inc. DBA Target Auto Wrecking II, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
6/13/18	Staff Enforcement Letter	Atkins Nursery, Fallbrook	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
6/14/2018	Staff Enforcement Letter	Sherrif Ali and Bassam Oraha, America Auto Dismantling, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ
6/15/2018	Staff Enforcement Letter	Arnefe Enterprises Inc, Palomos Auto Dismantlers, San Diego	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ
6/22/2018	Staff Enforcement Letter	Valley Center Municipal Water District, Lower Moosa Canyon WRF, Valley Center	Failure to meet Fluoride 12-month average effluent limit	WDR Order No. R9-2007-0018
6/28/2018	Staff Enforcement Letter	Thomas L. Standley, Standard Auto Recycling, Chula Vista	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ

Enforcement Actions for May and June 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
6/29/2018	Staff Enforcement Letter	West Auto, West Auto Wreckers LTD, Chula Vista	Deficient BMP implementation	NPDES Industrial General Permit Order No. 2014-0057-DWQ

Table 1: April 2018 - Summary of Public and Federal Sanitary Sewer Overflows in the San Diego Region

Responsible Agency	Collection System (CS)	Total Volume ¹	Total Recovered ²	Total Reaching Surface Waters ³	Total Reaching Separate Storm Drain and Recovered ⁴	Total Discharged to Land ⁵	Percent Recovered	Percent Reaching Surface Waters	Percent Reaching Separate Storm Drain and Recovered	Percent Discharged to Land	Surface Water Body Affected	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area
El Cajon City	City of El Cajon CS	100	10	0	0	100	10%	0%	0%	100%	-	0.0	195.0	103,768
Encinitas City	City of Encinitas CS	50	50	0	0	50	100%	0%	0%	100%	-	4.5	124.0	36,200
Laguna Beach City	City of Laguna Beach CS	50	50	0	0	50	100%	0%	0%	100%	-	9.0	86.0	18,000
Oceanside City	City of Oceanside CS, La Salina Wastewater Treatment Plant	100	100	0	100	0	100%	0%	100%	0%	-	35.6	439.7	69,957
San Clemente City	San Clemente City CS	1,500	1,500	0	1,500	0	100%	0%	100%	0%	-	3.7	174.6	65,399
San Diego City	San Diego City CS	415	415	0	0	415	100%	0%	0%	100%	-	153.7	3,021.1	2,207,591
Santa Margarita Water District	Santa Margarita Water District CS	580	300	0	0	580	52%	0%	0%	100%	-	-	-	-
South Coast Water District	South Coast Water District CS	875	875	420	420	455	100%	48%	48%	52%	Oso Creek	14.0	615.0	155,000
University Of California, San Diego	University Of California, San Diego CS	200	200	0	0	200	100%	0%	0%	100%	-	3.0	138.0	42,000
US Marine Corps Base Camp Pendleton	USMC Base Camp Pendleton CS	5	3	0	0	5	60%	0%	0%	100%	-	0.5	25.0	57,000
Totals for Public Spills		3,995	3,503	540	2,020	1,855	88%	14%	51%	46%	-	224.0	4,818.4	2,754,915
Totals for Federal Spills		30	0	0	0	30	0%	0%	0%	100%	-	35.0	122.0	90,000

¹Total Volume = total amount that discharged from sanitary sewer system to a separate storm drain, drainage channel, surface water body, and/or land.

²Total Recovered = total amount recovered from a separate storm drain, drainage channel, surface water body, and/or land.

³Total Reaching Surface Waters = total amount reaching separate storm drain (not recovered), drainage channel, and/or surface water body, but does not include amount reaching separate storm drain that was recovered.

⁴Total Reaching Separate Storm Drain and Recovered = total amount reaching separate storm drain that was recovered.

⁵Total Discharged to Land = total amount reaching land.

Table 2: May 2018 - Summary of Public and Federal Sanitary Sewer Overflows in the San Diego Region

Responsible Agency	Collection System (CS)	Total Volume ¹	Total Recovered ²	Total Reaching Surface Waters ³	Total Reaching Separate Storm Drain and Recovered ⁴	Total Discharged to Land ⁵	Percent Recovered	Percent Reaching Surface Waters	Percent Reaching Separate Storm Drain and Recovered	Percent Discharged to Land	Surface Water Body Affected	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area
Laguna Beach City	City of Laguna Beach CS	75	10	15	10	50	13%	20%	13%	67%	Pacific Ocean	9.0	86.0	18,000
Leucadia Wastewater District	Leucadia Wastewater District CS	11,700	11,700	0	11,700	0	100%	0%	100%	0%	-	16.7	205	67,000
Moulton Niguel Water District	Moulton Niguel Water District CS	13	11	2	3	8	85%	15%	23%	62%	Wood Canyon Creek	10.5	491.7	172,000
Rancho California Water District	Santa Rosa Water Reclamation Facility-Recycled Water CS	520	299	0	0	520	58%	0%	0%	100%	-	2.1	52.0	19,801
San Diego City	San Diego City CS	700	350	0	0	700	50%	0%	0%	100%	-			
		800	0	800	0	0	0	0%	100%	0%	0%	San Diego River	153.7	3,032.0
San Diego County Dept of Public Works	County of San Diego CS	1130	400	0	0	1130	35%	0%	0%	100%	-			
Vallecitos Water District	Meadowmark CS	450	100	0	0	450	22%	0%	0%	100%	-	10.0	408.0	35,567
US Marine Corps Base Camp Pendleton	USMC Base Camp Pendleton CS	200	200	0	0	200	100%	0%	0%	100%	-	7.8	260.6	100,800
		200	200	0	0	200	100%	0%	0%	100%	-	35.0	122.0	90,000
Totals for Public Spills		15,588	13,070	817	11,713	3,058	84%	5%	75%	20%	-	209.8	4,535.3	2,620,759
Totals for Federal Spills		200	200	0	0	200	100%	0%	0%	100%	-	35.0	122.0	90,000

¹Total Volume = total amount that discharged from sanitary sewer system to a separate storm drain, drainage channel, surface water body, and/or land.

²Total Recovered = total amount recovered from a separate storm drain, drainage channel, surface water body, and/or land.

³Total Reaching Surface Waters = total amount reaching separate storm drain (not recovered), drainage channel, and/or surface water body, but does not include amount reaching separate storm drain that was recovered.

⁴Total Reaching Separate Storm Drain and Recovered = total amount reaching separate storm drain that was recovered.

⁵Total Discharged to Land = total amount reaching land.

Table 3: April 2018 - Summary of Private Lateral Sewage Discharges in the San Diego Region

Responsible Agency	Collection System (CS)	Total Volume ¹	Total Recovered ²	Total Reaching Surface Waters ³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land ⁴	Percent Recovered	Percent Reaching Surface Waters (%)	Percent Reaching Separate Storm Drain & Recovered and/or Discharged to Land	Population in Service Area	Lateral Connections
El Cajon City	City of El Cajon CS	250	250	0	250	100%	0%	100%	103,768	16,950
El Toro Water District	El Toro Water District CS	60	60	0	60	100%	0%	100%	49,124	6,952
Fallbrook Public Utility District (PUD)	Fallbrook PUD CS	300	300	0	300	100%	0%	100%	23,000	4,683
Moulton Niguel Water District	Moulton Niguel Water District CS	155	135	20	135	87%	13%	87%	172,000	50,833
Padre Dam Municipal Water District	Padre Dam Municipal Water District CS	4	2	0	4	50%	0%	100%	69,957	15,202
Rainbow Municipal Water District	Rainbow Municipal Water District CS	1,000	0	1,000	0	0%	100%	0%	9,800	2,300
San Diego City	San Diego City CS	438	438	0	438	100%	0%	100%	2,207,591	267,237
		218	218	0	218	100%	0%	100%		
Vallecitos Water District	Meadowlark CS	50	50	0	50	100%	0%	100%	97,481	22,047
		7	7	0	7	100%	0%	100%		
Totals		2,482	1,460	1,020	1,462	59%	41%	59%	2,822,721	402,729

¹Total Volume = total amount that discharged from private lateral to a separate storm drain, drainage channel, surface water body, and/or land.

²Total Recovered = total amount recovered from a separate storm drain, drainage channel, surface water body, and/or land.

³Total Reaching Surface Waters = total amount reaching separate storm drain (not recovered), drainage channel, and/or surface water body, but does not include amount reaching separate storm drain that was recovered.

⁴Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land = total amount reaching separate storm drain that was recovered and/or total amount reaching land.

Table 4: May 2018 - Summary of Private Lateral Sewage Discharges in the San Diego Region

Responsible Agency	Collection System (CS)	Total Volume ¹	Total Recovered ²	(Gallons)		Percent Recovered	(%)		Lateral Connections
				Total Reaching Surface Waters ³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land ⁴		Percent Reaching Surface Waters	Percent Reaching Separate Storm Drain & Recovered and/or Discharged to Land	
Carlsbad Municipal Water District (MWD)	Carlsbad MWD CS	4	0	0	4	0%	0%	100%	22,500
Escondido City	Hale Avenue Resource Recovery Facility Disch to San Elijo Ocean Outfall CS	95	0	0	95	0%	0%	100%	41,750
		55	0	0	55	0%	0%	100%	
Fallbrook Public Utility District (PUD)	Fallbrook PUD CS	30	0	0	30	0%	0%	100%	4,683
Moulton Niguel Water District	Moulton Niguel Water District CS	100	20	0	100	20%	0%	100%	50,833
		700	0	700	0	0%	100%	0%	
National City	National City CS	30	1	0	30	3%	0%	100%	8,000
		200	200	0	200	100%	0%	100%	
		80	80	0	80	100%	0%	100%	
		390	390	0	390	100%	0%	100%	
		35	35	0	35	100%	0%	100%	
		69	69	0	69	100%	0%	100%	
San Diego City	San Diego City CS	45	45	0	45	100%	0%	100%	267,237
		300	125	25	275	42%	8%	92%	
		145	145	0	145	100%	0%	100%	
		8	8	0	8	100%	0%	100%	
Vista City	City of Vista CS	2,286	1,118	725	1,561	49%	32%	68%	90,000
Totals		2,286	1,118	725	1,561	49%	32%	68%	2,792,763
									411,528

¹Total Volume = total amount that discharged from private lateral to a separate storm drain, drainage channel, surface water body, and/or land.

²Total Recovered = total amount recovered from a separate storm drain, drainage channel, surface water body, and/or land.

³Total Reaching Surface Waters = total amount reaching separate storm drain (not recovered), drainage channel, and/or surface water body, but does not include amount reaching separate storm drain that was recovered.

⁴Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land = total amount reaching separate storm drain that was recovered and/or total amount reaching land.

Figure 1: Number of SSOs per Month

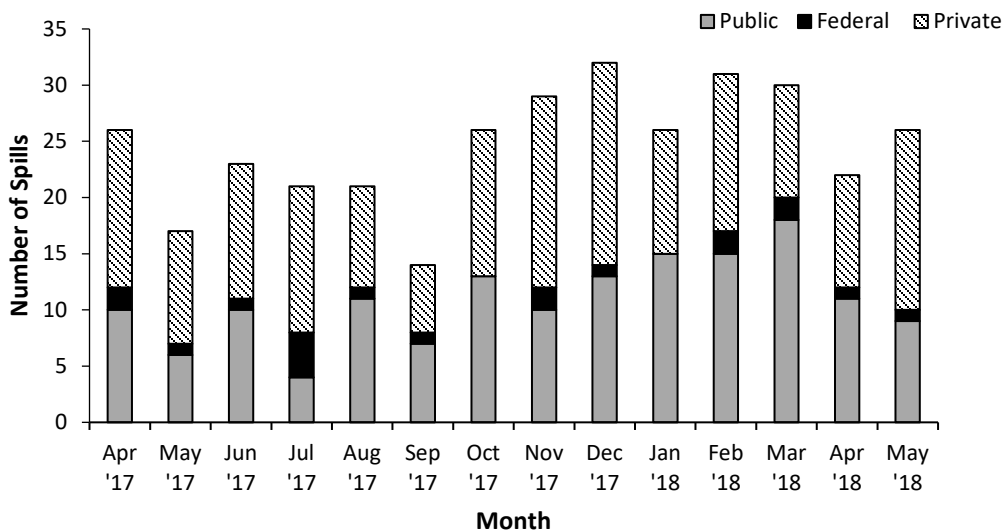


Figure 1: The number of public, federal, and private sanitary sewer overflows (SSOs) per month from April 2017 to May 2018.

Figure 2: Volume of SSOs per Month

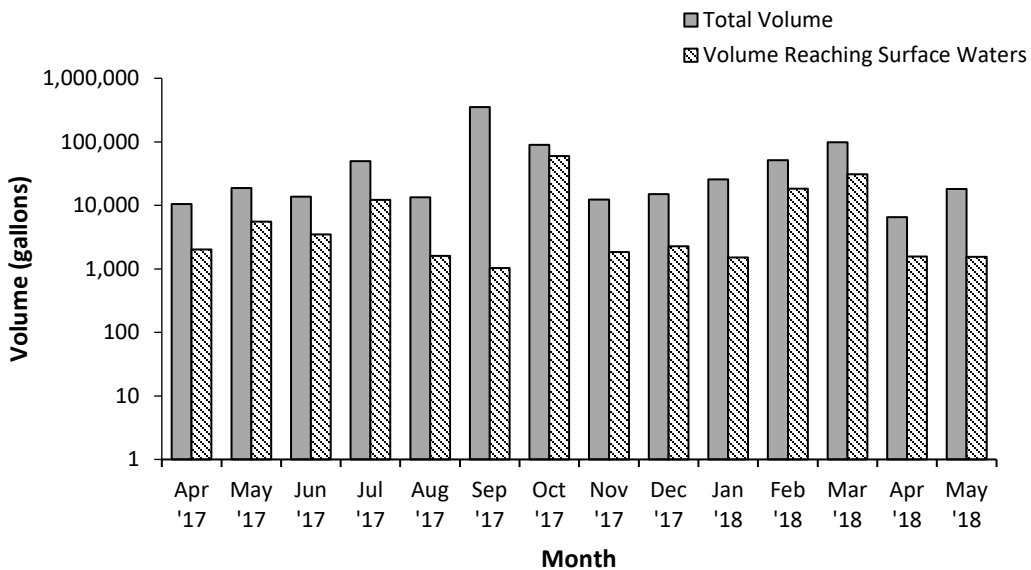


Figure 2: The volume of public, federal, and private sanitary sewer overflows (SSOs) per month from April 2017 to May 2018. Note the logarithmic scale on the vertical axis showing the wide variation in SSO volumes.

Table 5: April 2018 - Summary of Transboundary Flows from Mexico into the San Diego Region

Location	Start Date	Total Volume	Total Recovered (Gallons)		Total Reaching Surface Waters	Percent Recovered (%)		Percent Reaching Surface Waters	Additional Details
			Total Recovered	Total Recovered		Percent Recovered	Percent Recovered		
N/A	-	-	-	-	-	-	-	-	-
Total Dry Weather		0	0	0	0	0%	0%	-	-
N/A	-	-	-	-	-	-	-	-	-
Total Wet Weather		-	-	-	-	-	-	-	-

1 - Order No. R9-2014-0009 requires monthly reporting of all dry weather transboundary flows.
 2 - Order No. R9-2014-0009 does not require monthly reporting of wet weather transboundary flows. Any information provided regarding these flows is voluntary.

Table 6: May 2018 - Summary of Transboundary Flows from Mexico into the San Diego Region

Location	Start Date	Total Volume	Total Recovered (Gallons)	Total Reaching Surface Waters	Percent Recovered (%)		Percent Reaching Surface Waters	Additional Details
					Dry Weather ¹	Wet Weather ²		
N/A	-	-	-	-	-	-	-	-
Total Dry Weather		0	0	0	0%	0%	0%	-
N/A	-	-	-	-	-	-	-	-
Total Wet Weather		-	-	-	-	-	-	-

1 - Order No. R9-2014-0009 requires monthly reporting of all dry weather transboundary flows.

2 - Order No. R9-2014-0009 does not require monthly reporting of wet weather transboundary flows. Any information provided regarding these flows is voluntary.