

**California Regional Water Quality Control Board**

**San Diego Region**

**David Gibson, Executive Officer**



**Executive Officer’s Report**

**February 13, 2019**

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**Table of Contents**

**Part A – San Diego Region Staff Activities.....2**

- 1. Personnel Report .....2
- 2. San Diego Rivers Watershed Consortium Program (*Attachment A-2*) .....2

**Part B – Significant Regional Water Quality Issues.....3**

- 1. Notice of Public Solicitation of Water Quality Data and Information for 2020 California Integrated Report – Clean Water Act Section 305(b) and 303(d) List of Impaired Waters .....3
- 2. Notice of Written Comment Period for Multiple Tentative Settlement Offers .....4
- 3. County of Riverside LAMP Implementation in Temecula Valley Wine Country .....5
- 4. Status of Claude “Bud” Lewis Carlsbad Desalination Plant NPDES Permit Reissuance .....6
- 5. Enforcement Actions for November and December 2018 (*Attachment B-5*).....7
- 6. Sanitary Sewer Overflows and Transboundary Flows from Mexico in the San Diego Region – October and November 2018 (*Attachment B-6*) .....8

**Part C – Statewide Issues of Importance to the San Diego Region.....10**

The February 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.

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## Part A – San Diego Region Staff Activities

### 1. Personnel Report

*Staff Contact: Elisa Danielson*

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

#### Recent Hires and Rotations

Elisa Danielson began working on November 1, 2018 as a Staff Services Manager overseeing the Mission Support Services Unit and as our Administrative Officer. Ms. Danielson has a wealth of private sector management experience and a Master's Degree in Public Administration.

Trish Tran began working on November 5, 2018 as a student engineering assistant in the Groundwater Protection Unit. Ms. Tran is an environmental engineering student at UC San Diego and her assignments will include providing technical, administrative, and logistical support to the technical staff in our regional WDR and Land Disposal Programs.

Helen Yu, Water Resources Control Engineer, rotated into the Storm Water Management Unit on December 1 after spending several successful years with the Monitoring, Assessment, and Research Unit. Dr. Yu will bring her extensive background to the challenges of storm water within the San Juan San Juan, Mission Bay, San Diego River, San Diego Bay, and Tijuana River watersheds.

#### Recruitment

Interviews have been concluded for a new Senior Environmental Scientist Specialist in the Surface Water Protection branch. Recruitment is in progress for an Engineering Geologist position in the Site Restoration Military Facilities and two Environmental Scientist positions – one in the Site Restoration and Agricultural Program Unit, the other in the Monitoring Assessment and Research Unit.

We are recruiting for four student assistants who will be serving in the Storm Water Management, Source Control Regulation, Monitoring Assessment and Research, and Restoration and Protection Planning Units.

#### Retirement

After over 31 years, Deborah Jayne retired from State service as a Senior Environmental Scientist. Over her career with the San Diego Water Board, Ms. Jayne served in many programs, including storm water, TMDLs, basin planning, community outreach, and most recently the agricultural program. In between stints with the Water Board, Ms. Jayne served as the first Executive Officer of the San Diego River Conservancy, where she successfully developed its first strategic plan for habitat restoration and a network of public trails. Ms. Jayne's trademark enthusiasm and passion for protecting water quality will be missed.

### 2. San Diego Rivers Watershed Consortium Program (*Attachment A-2*)

*Staff Contact: David Gibson*

The San Diego River Conservancy (Conservancy) was established by the California Legislature in 2002. The Conservancy is an independent, non-regulatory State agency that was established

to acquire and manage public lands within the San Diego River watershed in order to provide recreational opportunities, educational uses, open space, wildlife habitat, species restoration and protection, wetland protection and restoration, and protection and maintenance of the quality of the waters and natural floodwater conveyance in the San Diego River for all beneficial uses. The seventeen members of the Conservancy's Governing Board include State and local representatives. The San Diego Water Board is represented by a non-voting Board Member.

In 2018, Senate Bill 1367 (Atkins) (Attachment A-2) was adopted by the Legislature and approved by Governor Brown to amend sections of the Public Resources Code concerning the Conservancy. The law now requires the Conservancy to establish the "San Diego Rivers Watershed Consortium Program" that includes Three Advisory Panels to improve access to public lands and identify potential project funding for the Otay River, Sweetwater River, and Tijuana River watersheds within the State. The statute specifies the composition of each of the Advisory Panels members, including representative(s) of the San Diego Water Board, who shall offer advice, expertise, support, and service to the Conservancy in those respective watershed areas. The members of the Advisory Panels will serve two-year terms on a voluntary basis without reimbursement from the Conservancy. The Advisory Panels will be convened at least biannually.

The Advisory Panels shall prepare a strategic plan that prioritizes watershed-wide projects that create or expand opportunities to protect, enhance, and restore the natural, historical, cultural, educational, and recreational resources of the watersheds. The strategic plan will also include a summary of the policies and priorities for each watershed and describe underused, existing public open spaces, trails, other facilities and provide recommendations to improve public access and enjoyment of these areas. The strategic plan will also include an implementation plan consistent with all the related general and specific plans and zoning regulations of local and regional municipalities.

The statute also created the San Diego Rivers Watershed Consortium Program Account in the fund, and authorizes the conservancy, upon appropriation, to expend moneys from the account for purposes of the program. The San Diego Water Board will need to identify either Board Member(s) or staff representatives for each of the three Advisory Panels.

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

### **1. Notice of Public Solicitation of Water Quality Data and Information for 2020 California Integrated Report – Clean Water Act Section 305(b) and 303(d) List of Impaired Waters**

*Staff Contact: Carey Nagoda*

The federal Clean Water Act (CWA) Section 305(b) requires states to report biennially to the United States Environmental Protection Agency (U.S. EPA) on the quality of its waters. In addition, CWA Section 303(d) requires each state to develop, update, and submit biennially to the U.S. EPA a list of waterbodies or segments that are "impaired or threatened," which either do not meet, or are not expected to meet, water quality standards before the next assessment cycle. Additionally, waterbodies on the 303(d) list can be delisted when evidence establishes that the impairment(s) does not exist and the waterbody is meeting water quality standards. The combined CWA 305(b) and 303(d) submittals are known as the "Integrated Report."

The State Water Board currently coordinates Integrated Reporting in a rotating cycle, with each cycle consisting of three regional boards. The last cycle that included the San Diego Water Board was in 2014, with the 2014 Integrated Report being approved by the San Diego Water Board on October 12, 2016 (Resolution R9-2016-0196). The next Integrated Report cycle that includes the San Diego Water Board is for the 2020 Integrated Report.

The State Water Board initiated the 2020 update process by issuing a solicitation letter on December 14, 2018, requesting data and information regarding water quality conditions in surface waters of California from interested parties ([https://www.waterboards.ca.gov/water\\_issues/programs/water\\_quality\\_assessment/docs/2020\\_solicitation\\_notice\\_final.pdf](https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/docs/2020_solicitation_notice_final.pdf)). The San Diego Water Board provided the request to the Region 9 Section 303(d) LYRIS email list, posted to social media, and published the information on the San Diego Water Board website ([https://www.waterboards.ca.gov/sandiego/water\\_issues/programs/303d\\_list/](https://www.waterboards.ca.gov/sandiego/water_issues/programs/303d_list/)).

Instructions for submitting water quality data to the California Environmental Data Exchange Network (CEDEN) and for submitting non-CEDEN compatible data are included in the solicitation notice. The deadline for data submission is June 14, 2019. Data submitted after June 14, 2019, will be considered in future Integrated Reports.

Staff will prepare draft fact sheets for each proposed listing or delisting for public review and comment. After the public review and comment period, the San Diego Water Board will hold a public hearing to consider approval of the 2020 303(d) List. The lists approved by the three Regional Boards in the 2020 cycle will then be submitted to the State Water Board for consideration and adoption, and subsequently submitted for U.S. EPA approval.

For more information, please see:

[https://www.waterboards.ca.gov/water\\_issues/programs/water\\_quality\\_assessment/#impaired](https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/#impaired)

## **2. Notice of Written Comment Period for Multiple Tentative Settlement Offers**

*Staff Contact: Chiara Clemente*

On February 1, 2019, the San Diego Water Board publicly noticed the opportunity to submit written comments on tentative settlement order No. R9-2019-0020. The tentative order is intended to resolve administrative civil liability associated with the discharge of 762,739 gallons of untreated sewage from the County of San Diego Sanitation District's collection system to Los Coches Creek and San Diego River, occurring February 28 to March 17, 2017. The total liability proposed is \$662,414, with \$331,207 treated as suspended liability upon the successful completion of an enhanced compliance action. Written comments close on March 3, 2019. This action is tentatively scheduled for San Diego Water Board consideration at the regularly scheduled March 13, 2019 meeting.

On January 17, 2019 the San Diego Water Board publicly noticed the opportunity to submit written comments on tentative order No. R9-2019-0018 to settle administrative civil liability with the City of Del Mar for the unauthorized discharge of 4,250 gallons of sewage to the Pacific Ocean on October 14, 2018. The total liability proposed is \$42,500. Written comments close on February 18, 2019. Pursuant to Resolution No. R9-2014-0046, this tentative order is delegable to the Executive Officer for final action.

These, and additional tentative orders associated with mandatory minimum penalties are currently available for public review and comment on the San Diego Water Board's enforcement webpage at

[https://www.waterboards.ca.gov/sandiego/water\\_issues/programs/compliance/acl\\_complaints.html](https://www.waterboards.ca.gov/sandiego/water_issues/programs/compliance/acl_complaints.html).

Notices are regularly provided through this webpage, and the Board's Lyris list for "Penalty Assessment Notices." Members can subscribe to the Lyris notices at

[https://www.waterboards.ca.gov/resources/email\\_subscriptions/reg9\\_subscribe.html](https://www.waterboards.ca.gov/resources/email_subscriptions/reg9_subscribe.html).

### **3. County of Riverside LAMP Implementation in Temecula Valley Wine Country**

*Staff Contact: Brandon Bushnell*

Rancho California Water District (RCWD) has expressed its concerns regarding the degradation of high-quality groundwater in the Temecula Valley Wine Country (TVWC) to the San Diego Regional Water Quality Control Board (San Diego Water Board) on several occasions, most recently at the December 2018 Board meeting. RCWD supplies potable water to approximately 150,000 of its customers using groundwater from the Temecula Valley. The RCWD is concerned about the potential degradation of TVWC groundwater by the operation of multiple small onsite wastewater treatment systems (OWTS), specifically septic systems, regulated by the County of Riverside. This concern arose from a hydrologic study of the Temecula aquifer, conducted by RCWD, indicating there is no gross assimilative capacity for total dissolved solids (TDS) remaining in the TVWC area of the aquifer.<sup>1</sup>

In the TVWC, small OWTS<sup>2</sup> are regulated by County of Riverside under its Local Agency OWTS Management Program (LAMP). The 2012 statewide *Water Quality Control Policy for Siting, Design, Operation and Maintenance of Onsite Wastewater Treatment Systems* allows local agencies to regulate small OWTS if they develop and implement a LAMP. The LAMP must be proposed to and approved by the assigned Regional Water Quality Control Board. Regulation of small OWTS by the LAMP allows Water Board staff to focus on larger projects with higher threats to water quality.

San Diego Water Board staff (Staff) have worked to address the concerns of RCWD regarding the potential degradation of the TVWC groundwater associated with the permitting of small OWTS by County of Riverside. The RCWD, Eastern Municipal Water District (EMWD), San Diego Water Board, and County of Riverside Departments of Health and Planning have agreed all projects within the TVWC, with a flow greater than 1,200 gpd, will be preliminarily reviewed by the San Diego Water Board and RCWD. Based on the project's flow and complexity, Staff will determine if these projects will be permitted by the San Diego Water Board or will provide recommendations to the County of Riverside. This process will ensure water quality concerns related to proposed projects are conveyed to and addressed by the County of Riverside.

EMWD extended their sewer collection system into a small area within TVWC which gave some wineries the opportunity to tie into the sewer instead of constructing an OWTS. However,

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<sup>1</sup> Assimilative capacity for TDS is the ability of the aquifer to absorb salts into groundwater without causing adverse impacts to water quality.

<sup>2</sup> Small OWTS process less than 10,000 gallons of waste water per day (gpd).

with the nearest connection thousands of feet away from some of the new proposed developments it is still not practical for all of them to tie into the sewer system. In these instances, EMWD is reluctant to add additional sewer service connection in the area without the developers covering the upfront costs. However, developers who choose to extend the EMWD sewer collection system to their property may recuperate some costs from future sewer connections from homes and facilities instead of meeting the water quality objectives required for an OWTS in this area. The consultation process for OWTS project approval and LAMP implementation will protect groundwater quality in the TVWC will allow development in the area even if sewer connections are not realized.

Staff will continue efforts to coordinate with Colorado River Regional Water Quality Control Board staff, to ensure the concerns expressed by RCWD are addressed and groundwater quality is protected; and provide the San Diego Water Board with progress updates.

#### **4. 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 including a California Water Code section 13142.5(b) determination. 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 key activities since the [previous Executive Officer Report](#) update<sup>3</sup>:

- On November 29, 2018, the San Diego Water Board provided Poseidon and the San Diego County Water Authority an Administrative Draft Tentative Order for their review. On December 14, 2018, Poseidon provided written comments on the Administrative Draft Tentative Order, and on December 17, 2018, the San Diego Water Board met with Poseidon and the San Diego County Water Authority to discuss their comments.
- On December 21, 2019, the San Diego Water Board released, for formal public review and comment, Tentative Order No. R9-2019-0003 (Tentative Order), including the draft California Water Code section 13142.5(b) determination for the CDP.
- On January 5, 2019, Poseidon submitted written preliminary comments on the Tentative Order and on January 7, 2019, the San Diego Water Board met with Poseidon and the San Diego County Water Authority to discuss their preliminary comments. Poseidon followed up with additional written comments on the Tentative Order on January 14, 2019.
- On January 21, 2019, Poseidon submitted a Notice of Permanent Shutdown of the Encina Power Station. The notice indicated that the Encina Power Station retired all generating units as of midnight on December 11, 2018. The letter detailed several measures that

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<sup>3</sup> Additional information regarding the CDP can be found in the monthly [Executive Officer Reports](#) from June 2015 through September 2018 for [December 2018](#), [October 2018](#), [September 2018](#), [August 2018](#), [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](#).

Poseidon will implement to minimize marine life mortality until the permanent intake structure is constructed and operational. Those measures include limiting the intake of seawater to the CDP's operational needs; discontinuing the intake of seawater when the CDP is not operating; and discontinuing heat treatment of the intake structure.

- On January 23, 2019, the San Diego Water Board met with the Surfrider Foundation to discuss their preliminary comments on the Tentative Order.
- Formal written comments on the Tentative Order were due by 5:00 p.m. on January 28, 2019. The Tentative Order is available on the San Diego Water Board's website at: [https://www.waterboards.ca.gov/sandiego/board\\_decisions/tentative\\_orders/](https://www.waterboards.ca.gov/sandiego/board_decisions/tentative_orders/).

## 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.

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

## 5. Enforcement Actions for November and December 2018 (*Attachment B-5*)

*Staff Contact: Chiara Clemente*

During the months of November and December 2018, the San Diego Water Board issued 1 Settlement Order for Administrative Civil Liability (ACL), 8 Settlement Offers for ACL, 6 Notices of Violation, and 29 Staff Enforcement Letters. A summary of each enforcement action taken is provided in the attached table (Attachment B-5). The State Water Board's [Enforcement Policy](#) contains a brief description of the kinds of enforcement actions the Water Boards can take.

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

State Water Board Office of Enforcement webpage:

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

California Integrated Water Quality System (CIWQS):

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

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

## 6. Sanitary Sewer Overflows and Transboundary Flows from Mexico in the San Diego Region – October and November 2018 (*Attachment B-6*)

*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](#)<sup>4</sup>, the [San Diego Regional General SSO Order](#)<sup>5</sup>, and/or individual National Pollutant Discharge Elimination System (NPDES) permit requirements. Some federal entities<sup>6</sup> 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](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-6*):

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

A summary view of information on SSO trends is provided in the following attached figures (*Attachment B-6*):

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

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<sup>4</sup> State Water Board Order No. 2006-0003-DWQ, *Statewide General Waste Discharge Requirements for Sanitary Sewer Systems* as amended by Order No. WQ 2013-0058-EXEC, *Amending Monitoring and Reporting Program for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems*.

<sup>5</sup> San Diego Water Board Order No. R9-2007-0005, *Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region*.

<sup>6</sup> Marine Corp Base Camp Pendleton reports sewage spills to CIWQS as required by its individual NPDES permit, Order No. R9-2013-0112, NPDES Permit No. CA0109347, *Waste Discharge Requirements for the Marine Corps Base, Camp Pendleton, Southern Regional Tertiary Treatment Plant and Advanced Water Treatment Plant, Discharge to the Pacific Ocean via the Oceanside Ocean Outfall*. The U.S. Marine Corps Recruit Depot and the U.S. Navy voluntarily report sewage spills through CIWQS.



These figures show the number and total volume of sewage spills per month from October 2017 to November 2018. During this period, 35 of the 63 collection systems in the San Diego Region regulated under the Statewide SSO Program reported one or more sewage spills. Twenty-eight collection systems did not report any sewage spills. A total of 355 sewage spills were reported and 204,122 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](http://www.waterboards.ca.gov/sandiego/water_issues/programs/ss0/index.shtml).

### **Transboundary Flows**

Water and wastewater in the Tijuana River and from a number of 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 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-6):

- Table 5: October 2018 - Summary of Transboundary Flows from Mexico into the San Diego Region
- Table 6: November 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)<sup>7</sup> 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](https://www.waterboards.ca.gov/sandiego/water_issues/programs/tijuana_river_valley_strategy/sewage_issue.html).

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<sup>7</sup> The Mexican section of the IBWC.

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

No Report

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

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

February 13, 2019

APPENDED TO EXECUTIVE OFFICER'S REPORT

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

Action Agenda Item	Action Type	Draft Complete	Written Comments Due	Consent Item
<b>March 13, 2019</b> <i>San Diego Water Board</i>				
Ocean Discovery Institute ( <i>Abarbanel</i> )	Informational Item	NA	NA	NA
Waste Discharge Requirements for the Bel Air Murrieta, LLC Project ( <i>Bradford</i> )	New WDRs	95%	18-Jan-2019	Yes
Settlement Agreement and Stipulation for Entry of Administrative Civil Liability Order, San Diego County Sanitation District, Sanitary Sewer Overflow to Los Coches Creek, San Diego River (Tentative Order No. R9-2019-0020) ( <i>Means</i> )	Settlement Agreement	100%	3-Mar-19	Yes
Update on Santa Margarita River Estuary Water Quality Restoration Strategy and Investigative Order ( <i>Sarabia</i> )	Informational Item	80%	NA	NA
Investigative Order to Quantify Sources of Human Waste in to the San Diego River ( <i>Walsh</i> )	Investigative Order Issuance	90%	20-Jun-2018	No
Poseidon LLC, Carlsbad Desalination Plant ( <i>Neill</i> )	NPDES Permit Reissuance	95%	TBD	No
<b>April 10, 2019</b> <i>Mission Viejo</i>				
Reissuance of Waivers of Waste Discharge Requirements ( <i>Komeylyan</i> )	WDR	75%	21-Feb-2019	Yes
Rescission of Order No. 95-83, Mr. Karl Kemp, Warm Springs Mobile Home and R.V. Park, Riverside County. Tentative Order No. R9-2019-0009 ( <i>Bushnell</i> )	Rescind WDRs	75%	8-Jan-2019	Yes
San Luis Rey Wastewater Treatment Plant, City of Oceanside, San Diego County ( <i>Bushnell</i> )	Master Recycling Permit Reissuance	95%	8-Feb-2019	No
<b>May 8, 2019</b> <i>San Diego Water Board</i>				
NPDES General Permit Reissuance for Discharges from Boatyards and Boat Maintenance and Repair Facilities Adjacent to Surface Waters within the San Diego Region ( <i>Rodriguez</i> )	NPDES Permit Reissuance	0%	TBD	Maybe
NPDES Permit for the Discharge of Highly Purified Waste Water into the Miramar Reservoir by the City of San Diego ( <i>Osibodu</i> )	New NPDES Permit	80%	TBD	No

**Agenda Items Requested by Board Members**

<b>Requested Agenda Item</b>	<b>Board Member</b>	<b>Status</b>
<b>June 24, 2015</b>		
Gary Strawn would like more information on how to address low dissolved oxygen conditions in the San Diego River. Informational item about how the Board deals with high levels of naturally occurring elements in groundwater when they interact with other uses.	Strawn	
	Olson	
<b>August 12, 2015</b>		
Informational item on the data that supports the Basin Plan WQOs.	Olson	
<b>December 16, 2015</b>		
Workshop on the status of restoration and land acquisition efforts along the San Diego River.	Strawn	
<b>August 10, 2016</b>		
Informational item before the Board on the SCCWRP Flow Recovery Project once their report is available.	Strawn	
<b>March 15, 2017</b>		
Information item regarding impacts of population dynamics on water quality	Olson	
Clarify operation of value for beneficial uses.	Abarbanel	
<b>June 21, 2017</b>		
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	
San Diego Water Board provide 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 support and encourage 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	
<b>September 13, 2017</b>		

**Agenda Items Requested by Board Members**

Requested Agenda Item	Board Member	Status
A future board meeting will include an agenda item on how best to amend the WDRs.	Abarbanel	
<b>December 13, 2017</b>		
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	
<b>February 14, 2018</b>		
4.Board Member Warren requested an update on the San Onofre Nuclear Generating Station. In addition to an update on activities related to Board authorities, Ms. Warren would also like to know about the status of the radioactive waste piles.	Warrn	
<b>April 11, 2018</b>		
Board Member Olson directs staff to identify and review current proposed legislation related to homeless populations and related issues	Olson	
Board Member Warren commented that she would like to know more than provided in the April Executive Officer's Report (EOR), about the storage of radioactive materials at the San Onofre Nuclear Generating Station. Board Member Abarbanel added his desire to know about how SONGS has prepared for impacts of climate change, particularly from sea level rise.	Warren, Abarbanel	
Board Member Abarbanel suggested the formation of a "Volunteer Climate Science Advisory Panel" to inform board staff of the latest climate science. Dr. Abarbanel suggested the panel consist of members from the Scripps Institution of Oceanography, the Southern California Coastal Water Research Project, San Diego State University, the University of California at Irvine and possibly from the San Francisco Estuary Institute	Abarbanel	
Board Member Abarbanel wants the San Diego Water Board to do "more" for environmental justice. He wants to know if we can work with the recently formed Office of Environmental Justice at the Attorney General. He would like a report back regarding that possibility.	Abarbanel	
Board Member Warren directed that future EORs clearly explain the opportunity to comment on the proposed enforcement priorities for the coming year.	Warren	

**Agenda Items Requested by Board Members**

<b>Requested Agenda Item</b>	<b>Board Member</b>	<b>Status</b>
<b>May 9, 2018</b>		
Board Member Abarbanel wants a letter sent to State Water Resources Control Board Executive Director Eileen Sobeck and to Board Member Joaquin Esquivel requesting a response to questions posed to Mr. Esquivel by the 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.	Abarbanel	
Board Member Abarbanel directs Executive Officer Gibson to reach out to the Mayor of Temecula about possible attendance at the October Water Quality Coordinating Committee meeting in Sacramento.	Abarbanel	
Board Member Olson wants know 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.	Olson	
Board Member Olson wants to know what portion of channels in Southern Orange County have already been adopted.	Olson	
Board Member Abarbanel wants to 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.	Abarbanel	
<b>June 20, 2018</b>		
Board Member Olson invites fellow Board Members to visit an Indirect Potable Reuse site in the Riverside Water Board portion of Orange County.	Olson	
The Board Chair and Vice-Chair want staff to incorporate education of the public on the need to protect water quality into Board actions whenever practicable.	Morales, Abarbanel	
<p>Several Board Members had questions that were not answered at the Board Meeting. Southern California Edison will be invited back for another meeting in the next 3-12 months to address the following questions:</p> <p>Update on the decommissioning process, including status of the spent nuclear fuel;</p> <p>Explanation on calculation of shut down costs. Particularly, did estimates include inflation?</p> <p>How many curies are stored on site relative to the amount at Chernobyl and Fukushima? How much was released from those two sites? What is the status of the area around those accidents out to 20 kilometers?</p> <p>Board Member Abarbanel wants to meet with Southern California Edison to discuss development of a new strategy to compel a federal solution to the storage of spent nuclear fuel.</p>		

**Agenda Items Requested by Board Members**

<b>Requested Agenda Item</b>	<b>Board Member</b>	<b>Status</b>
	<b>August 8, 2018</b>	
Board Member Abarbanel wants to hear back from Southern California Edison (SCE) about the San Onofre Nuclear Generating Station (SONGS) sooner than the 3-12 month window presented in the August agenda package.	Abarbanel	
Chair Morales wants to inform San Diego Water Board stakeholders about the upcoming hearings pertaining to desalination plant planned for Huntington Beach.	Morales	
Board Member Abarbanel wants to know if the Southern California Coastal Research Project (SCCWRP) could assist with the dilemma posed by measuring indicator bacteria to evaluate the protection of human health from recreational activities where the ingestion of water is likely.	Abarbanel	
	<b>September 12, 2018</b>	
Board Member Warren wants to know the status of the posting of updated fish consumption advisories within the next 6 to 12 months.	Warren	
Chair Morales wants information on the costs of the City of San Diego’s plume tracking efforts.	Morales	
Board Member Olson wants to review the Cities strategy for the removal of Arundo donax.	Olson	
Board Member Strawn requests an informational item on Encina’s sludge drying operation.	Strawn	
Board Member Warren wants an update on efforts to expand the use of recycled water by the Encina Wastewater Authority.	Warren	
	<b>October 12, 2018</b>	
Board Members Abarbanel and Olson want to know more about the data behind the City’s presentation. They want to meet with Dr. Tim Stebbins of the City, along with Drs. Falk Feddersen and Sarah Giddings from the Scripps Institution of Oceanography.	Abarbanel, Olson	
	<b>December 12, 2018</b>	
Board Member Abarbanel wants the Executive Officer to follow up on concerns expressed in Public Forum about the impending work load associated with review of project proposals to install new on-site waste treatment systems that will discharge more than 1200 gallons per day over the Temecula groundwater basin.	Abarbanel	
Board Members Olson and Warren want to visit the San Onofre Nuclear Generating Station (SONGS).	Olson, Warren	



**Agenda Items Requested by Board Members**

<b>Requested Agenda Item</b>	<b>Board Member</b>	<b>Status</b>
<p>Several Board Members requested another information item regarding the San Onofre Nuclear Generating Station (SONGS), with a particular interest in the storage of spent nuclear fuel. They expressed a desire to have a public meeting that included federal elected officials, the State Lands Commission, the California Coastal Commission, Southern California Edison and the Nuclear Regulatory Commission.</p>		
<p>Dr. Olson wants to meet with the small water suppliers that service environmental justice and disadvantaged communities in the San Diego Region</p>	<p>Olson</p>	
<p>Dr. Olson wants an update on regional efforts to eradicate <i>Arundo donax</i>. She will provide a list of contacts to invite to the informational item.</p>	<p>Olson</p>	
<p>Vice Chair Abarbanel requests an update on detection methods for fecal indicator bacteria and other measures for the protection of human health.</p>	<p>Abarbanel</p>	
<p>Vice Chair Abarbanel requests an informational item on atmospheric rivers. He suggests combining the item with the SCCRWP update on pathogen monitoring and to also include scientists from the Scripps Institution of Oceanography.</p>	<p>Abarbanel</p>	


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**SB-1367 San Diego River Conservancy: San Diego Rivers Watershed Consortium Program.** (2017-2018)

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Date Published: 09/24/2018 09:00 PM

**Senate Bill No. 1367**

CHAPTER 738

An act to amend Sections 32642, 32643, and 32656.1 of, and to add Chapter 4.5 (commencing with Section 32659) to Division 22.9 of the Public Resources Code, relating to the San Diego River Conservancy.

[ Approved by Governor September 23, 2018. Filed with Secretary of State September 23, 2018. ]

LEGISLATIVE COUNSEL'S DIGEST

SB 1367, Atkins. San Diego River Conservancy: San Diego Rivers Watershed Consortium Program.

Existing law establishes the San Diego River Conservancy to acquire and direct the management of specified public lands in the San Diego River area, as defined, and prescribes the management, powers, and duties of the conservancy. Existing law establishes the San Diego River Conservancy Fund, and requires that moneys in the fund be available, upon appropriation, for the purposes of the conservancy.

This bill would require the conservancy to establish the San Diego Rivers Watershed Consortium Program to create advisory panels to work cooperatively with local public agencies and other entities to identify potential project funding, including grant funding, to be used to restore the watersheds of the Otay River, the Sweetwater River, and the parts of the Tijuana River within the state, and to improve access to public lands. The bill would require the conservancy, in administering the program, to create 3 advisory panels representing watersheds within the area, comprised of specified members, to offer advice, expertise, support, and service to the conservancy in those respective watershed areas. The bill would create the San Diego Rivers Watershed Consortium Program Account in the fund, and would authorize the conservancy, upon appropriation, to expend moneys from the account for purposes of the program.

Existing law, on or before January 1, 2017, and on or before January 1 of every odd-numbered year thereafter, requires the conservancy to prepare and submit to the Governor and the Legislature a report that includes specified information and recommendations relating to projects funded or undertaken by the conservancy, as provided.

This bill would additionally require that the report include a summary of the program established by the bill.

Vote: majority Appropriation: no Fiscal Committee: yes Local Program: no

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

**SECTION 1.** Section 32642 of the Public Resources Code is amended to read:

**32642.** The conservancy may do any of the following to assist in the decisionmaking process for the purposes of this division:

- (a) Establish advisory boards, panels, or committees.
- (b) Engage in public outreach.

**SEC. 2.** Section 32643 of the Public Resources Code is amended to read:

**32643.** The conservancy may do any of the following to provide necessary services:

- (a) Select and hire private consultants or contractors.
- (b) Enter into memorandums of understanding with state and local public agencies, and other entities and organizations.
- (c) Enter into a joint powers agreement pursuant to the Joint Exercise of Powers Act, as described in Chapter 5 (commencing with Section 6500) of Division 7 of Title 1 of the Government Code.

**SEC. 3.** Section 32656.1 of the Public Resources Code is amended to read:

**32656.1.** (a) On or before January 1, 2017, and on or before January 1 of every odd-numbered year thereafter, the conservancy shall prepare and submit to the Governor and the Legislature a report that includes all of the following:

- (1) A description of, and the amount of money expended for, every project funded or undertaken by the conservancy, directly or by an entity under the direction of the conservancy, during the two years prior to the date of the report.
- (2) A description of the progress made in accomplishing the purposes of this division during the two years prior to the date of the report.
- (3) Recommendations regarding legislative action that may be necessary to provide funding or other resources to enable the conservancy to more effectively and efficiently carry out its mission, goals, and objectives.
- (4) A summary of the program established in Chapter 4.5 (commencing with Section 32659).

(b) The report shall be submitted to the Legislature in the manner provided in Section 9795 of the Government Code.

**SEC. 4.** Chapter 4.5 (commencing with Section 32659) is added to Division 22.9 of the Public Resources Code, to read:

#### **CHAPTER 4.5. San Diego Rivers Watershed Consortium**

**32659.** The Legislature finds and declares all of the following:

- (a) The San Diego Rivers Watershed Consortium Program will establish advisory panels for the designated watersheds of the Otay River, the Sweetwater River, and part of the Tijuana River in southern San Diego County.
- (b) The San Diego region is home to one of the fastest growing populations in the nation, which is expected to grow from its current 3,300,000 people to 4,000,000 people by 2050.
- (c) Residents in the southern region of San Diego County do not all have direct access to green space and public lands. Park poor communities are highly concentrated south of the San Diego River watershed. One benefit of living in the San Diego region is year-round access to the outdoors and the ability to improve the health and well-being of the general public by improving public access to public lands.
- (d) The watersheds of the Otay River, Sweetwater River, and Tijuana River are extraordinary natural resources of statewide significance that have been subject to intense development and are in need of conservation, restoration, protection, including protection of sensitive species, improved water quality, and improved overall health of the ecosystems of the individual watersheds.
- (e) The establishment of the program will enable the state to bring together multiple stakeholders to assess the needs of each watershed's ecosystem and collaborate on watershedwide programs that conserve, restore, and

protect natural, historical and cultural resources, wildlife, water quality, and natural floodwater conveyance, and that enhance the overall health of each watershed for beneficial uses, including public enjoyment of recreation and education.

(f) The state has an interest in working with organizations to protect, enhance, and restore the natural, historical, cultural, educational, and recreational resources in rivers and watersheds located in the southern region of the County of San Diego.

(g) The intent of the program is to protect and preserve the health of the watershed for each river within the consortium including streams, rivers, wetlands, estuaries, and the diverse natural habitats that are home to plants and animals and that provide educational and recreational opportunities for the public to steward the region's globally unique and diverse plants and wildlife for future generations to enjoy.

**32659.1.** The following terms have the following meanings:

(a) "Account" means the San Diego Rivers Watershed Consortium Account established in the San Diego River Conservancy Fund pursuant to subdivision (a) of Section 32659.8.

(b) "Consortium watershed area" means lands located within the watersheds of the Otay River, the Sweetwater River, and the parts of the Tijuana River within the state, from the headwaters of each river to the Pacific Ocean.

(c) "Program" means the San Diego Rivers Watershed Consortium Program established pursuant to this chapter.

**32659.2.** The conservancy shall establish the San Diego Rivers Watershed Consortium Program to create advisory panels to work cooperatively with local public agencies and other entities to identify potential project funding, including grant funding, to be used to restore the consortium watershed area and to improve public access to public lands.

**32659.3.** (a) The conservancy shall create an advisory panel for each watershed to offer advice, expertise, support, or service to each watershed without compensation in accordance with the following requirements:

(1) The conservancy shall solicit the names of persons to serve as members of each panel from organizations and entities representing watersheds in the consortium watershed area, and those persons shall be appointed to serve on the panel representing the area in which the organization or entity is located.

(2) The members of the advisory panels shall serve on a voluntary basis and without reimbursement from the conservancy.

(3) Each member of an advisory panel shall serve for a two-year term.

(4) A member's service as a member of an advisory panel shall end at the time that person ceases to be employed by, or serve as a representative of, the appointing organization.

(5) Advisory panels shall meet at least twice each calendar year at one or more locations within the County of San Diego.

(6) Meetings of the advisory panels shall be open to the public and subject to the Bagley-Keene Open Meeting Act (Article 9 (commencing with Section 11120) of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code).

(b) In appointing members and facilitating the work of the advisory panels, the conservancy shall be subject to all laws, regulations, and general and specific plans of the legislative body of the city or county with geographic jurisdiction over the specified watershed areas.

(c) The conservancy shall prepare an annual report on the status of the meetings of the advisory panels, which shall be included in the executive officer of the conservancy's report to the governing board.

**32659.4.** The conservancy shall establish the following advisory panels:

(a) The Otay River Watershed Advisory Panel, comprised of the following members:

(1) A conservancy board member or his or her designee.

(2) A representative of the City of Chula Vista, appointed by its city council.

- (3) A representative of the City of Imperial Beach, appointed by its city council.
  - (4) A representative of the City of National City, appointed by its city council.
  - (5) A representative of the City of San Diego, appointed by its city council.
  - (6) A representative of the County of San Diego, appointed by the Board of Supervisors of San Diego County.
  - (7) A representative of the San Diego Regional Water Quality Board, appointed by that board.
  - (8) A representative of the Department of Parks and Recreation, appointed by the Director of Parks and Recreation.
  - (9) A representative of the Kumeyaay Diegueño Land Conservancy, appointed by that conservancy.
  - (10) A representative of a university or college in the San Diego area, appointed by the president of the university or college.
  - (11) A representative of the San Diego Unified Port District, appointed by the governing board of the port district.
- (b) The Sweetwater River Watershed Advisory Panel, comprised of the following members:
- (1) A conservancy board member or his or her designee.
  - (2) A representative of the City of La Mesa, appointed by its city council.
  - (3) A representative of the City of Lemon Grove, appointed by its city council.
  - (4) A representative of the City of Chula Vista, appointed by its city council.
  - (5) A representative of the City of San Diego, appointed by its city council.
  - (6) A representative of the County of San Diego, appointed by the Board of Supervisors of the San Diego County.
  - (7) A representative of the San Diego Regional Water Quality Control Board, appointed by that board.
  - (8) A representative of the Department of Parks and Recreation, appointed by the Director of Parks and Recreation.
  - (9) A representative of the Kumeyaay Diegueño Land Conservancy, appointed by the governing board of that conservancy.
  - (10) A representative of a university or college in the San Diego area, appointed by the president of the university or college.
  - (11) A representative of the San Diego Unified Port District, appointed by the governing board of the port district.
  - (12) A representative of the City of National City, appointed by its city council.
  - (13) A representative of the Sweetwater Authority, appointed by the authority.
- (c) The Tijuana River Watershed Advisory Panel, comprised of the following members:
- (1) A conservancy board member, or his or her designee.
  - (2) A representative of the City of Imperial Beach, appointed by its city council.
  - (3) A representative of the City of San Diego, appointed by its city council.
  - (4) A representative of the County of San Diego, appointed by the Board of Supervisors of San Diego County.
  - (5) A representative of the San Diego Regional Water Quality Control Board, appointed by that board.
  - (6) A representative of the Department of Parks and Recreation, appointed by the Director of Parks and Recreation.
  - (7) A representative of the Kumeyaay Diegueño Land Conservancy, appointed by that conservancy.

(8) A representative of a university or college in the San Diego area, appointed by the president of the university or college.

(9) A representative of the San Diego Unified Port District, appointed by the governing board of the port district.

**32659.5.** The advisory panels appointed pursuant to Section 32659.4 shall each prepare a strategic plan containing all of the following:

(a) A system for prioritizing each designated river watershed that shall give priority to watershedwide projects that create and expand opportunities to protect, enhance, and restore the natural, historical, cultural, educational, and recreational resources of the watershed.

(b) A summary of the policies and priorities for each river watershed.

(c) A description of each watershed identifying underused, existing public open spaces, trails, and other facilities, and recommendations of ways to provide better public use and enjoyment in the designated areas.

(d) A plan for implementing the program in conformance with all related general and specific plans and zoning regulations of the local and regional municipalities within each watershed.

**32659.6.** The conservancy may do all of the following in implementing the program:

(a) Undertake site improvement projects within the consortium watershed area.

(b) Provide for public access within the consortium watershed area.

(c) Provide for restoration and rehabilitation within the consortium watershed area.

(d) Undertake projects directly and award grants to public agencies, Native American Indian tribes, nonprofit organizations, and joint powers authorities to help achieve the intent of the program.

(e) Upgrade deteriorating facilities and construct new facilities as needed for outdoor recreation, natural education and interpretation, and resource protection within the consortium watershed area.

(f) Provide assistance to each advisory panel established pursuant to this chapter.

**32659.7.** Notwithstanding any other law, the conservancy shall not take any of the following actions:

(a) Exercise the power of eminent domain.

(b) Manage, regulate, or control the use of any land owned or leased by another public agency, except as provided pursuant to a written agreement with that public agency.

(c) Levy a tax.

(d) Take any action that interferes with, conflicts with, impedes, adversely impacts, or prevents the planning and implementation of projects and programs contained in adopted local or community plans.

**32659.8.** (a) The San Diego Rivers Watershed Consortium Program Account is hereby created in the San Diego River Conservancy Fund. Moneys in the account shall accrue interest and be available, upon appropriation by the Legislature, to the conservancy for expenditure for the purposes of this chapter.

(b) (1) All funds received pursuant to this chapter shall be deposited in the account.

(2) The conservancy may apply for and accept grants, gifts, donations, subventions, rent, royalties, and other assistance from public and private sources on behalf of the program.

(3) The conservancy may also accept goods or services contributed to it by a public agency, private entity, or person and, upon receipt, may use the goods or services, for program purposes.

**32659.9.** The conservancy shall administer funds appropriated to it for the program and may expend those funds for grants, goods, services, control and removal of invasive species, capital improvements, support of the program's operations, and to carry out the program's intent and purpose.

## Enforcement Actions for November and December 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
<b>NPDES: STORMWATER</b>				
11/20/2018	<a href="#">Settlement Order No. R9-2018-0065</a>	San Diego Association of Governments, Rail projects within the LOSSAN and Mid Coast Corridor, San Diego	Settlement Order totaling \$36,371 for deficient Best Management Practices (BMPs) and an unauthorized discharge	National Pollutant Discharge Elimination System (NPDES) Construction General Permit No. 2009-0009-DWQ
11/01/18	Staff Enforcement Letter	EDCO Disposal Corp, San Diego	Deficient BMP implementation	NPDES Industrial General Permit No. 2014-0057-DWQ
11/05/18	Staff Enforcement Letter	KB Home, Iron Ridge, Lake Forest	Deficient BMP implementation	NPDES Construction General Permit No. 2009-0009-DWQ
11/05/18	Staff Enforcement Letter	LS OC Portola LLC, Portola Center South, Lake Forest	Deficient BMP implementation	NPDES Construction General Permit No. 2009-0009-DWQ
11/15/18	Staff Enforcement Letter	Manchester Pacific Gateway LLC, San Diego	Failure to pay annual fees and failing to submit FY 16/17 and FY 17/18 Annual Reports	NPDES Construction General Permit No. 2009-0009-DWQ
12/06/18	Staff Enforcement Letter	Department of General Services, CHP Replacement Facility, San Diego	Deficient BMP implementation	NPDES Construction General Permit No. 2009-0009-DWQ
12/13/18	Staff Enforcement Letter	Monarch Buena Vista LLC, Monarch Buena Vista Creek, Vista	Unauthorized discharge and deficient BMP implementation	NPDES Construction General Permit No. 2009-0009-DWQ
12/13/18	Staff Enforcement Letter	CalAtlantic Group Inc, The Enclave at Delpy's Corner, Vista	Unauthorized discharge and deficient BMP implementation	NPDES Construction General Permit No. 2009-0009-DWQ

## Enforcement Actions for November and December 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
12/13/18	Staff Enforcement Letter	AV Vista LLC, Vista Self Storage, Vista	Incomplete/ Insufficient Storm Water Pollution Prevention Plan and deficient BMP implementation	NPDES Construction General Permit No. 2009-0009-DWQ
12/17/18	Staff Enforcement Letter	Cal Atlantic Group Inc, Sienna, Vista	Deficient BMP implementation	NPDES Construction General Permit No. 2009-0009-DWQ
<b>NPDES: WASTEWATER</b>				
11/13/2018	<a href="#">Settlement Offer No. R9-2018-0160</a>	Alvarado Hospital Medical Center, GW Extraction, San Diego	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$54,000	NPDES General Order No. R9-2015-0013 for groundwater extraction
11/20/2018	<a href="#">Settlement Offer No. R9-2018-0167</a>	LMC East Village I Holdings, LLC, GW Extraction, Little Italy, San Diego	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$3,000	NPDES General Order No. R9-2015-0013 for groundwater extraction
11/20/2018	<a href="#">Settlement Offer No. R9-2018-0171</a>	LMI Little Italy Holdings, LLC, GW Extraction, San Diego	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$15,000	NPDES General Order No. R9-2015-0013 for groundwater extraction
11/27/2018	<a href="#">Settlement Offer No. R9-2018-0175</a>	1310 K Street Apartments Investors, LLC, GW Extraction, San Diego	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$21,000	NPDES General Order No. R9-2015-0013 for groundwater extraction



## Enforcement Actions for November and December 2018

Enforcement Date	Enforcement Action	Entity/ Facility/ Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
11/27/2018	<a href="#">Settlement Offer No. R9-2018-0177</a>	Bosa Development California II, Inc., Bosa Lot 5 Ash & Kettner, GW Extraction, San Diego	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$15,000	NPDES General Order No. R9-2015-0013 for groundwater extraction
11/29/2018	<a href="#">Settlement Offer No. R9-2018-0178</a>	LPP Lane Field, LLC, GW Extraction, Lane Field South Hotel, San Diego	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$15,000	NPDES General Order No. R9-2015-0013 for groundwater extraction
12/21/2018	<a href="#">Settlement Offer No. R9-2018-0187</a>	Pinnacle Development, US, L.P., Pinnacle Parkside, San Diego	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$33,000	NPDES General Order No. R9-2015-0013 for groundwater extraction
12/21/2018	<a href="#">Settlement Offer No. R9-2018-0186</a>	Padre Dam Municipal Water District, Ray Stoyer Water Recycling Facility, Santee	Settlement offer to participate in expedited payment program to resolve mandatory minimum penalties totaling \$12,000	NPDES Order No. R9-2015-0002
11/16/2018	Staff Enforcement Letter	Manchester Pacific Gateway LLC, Navy GAF Office Tower, San Diego	Late reporting and deficient monitoring	NPDES General Order No. R9-2015-0013 for groundwater extraction
11/21/2018	Staff Enforcement Letter	Liquid Stone Holdings, LLC, Stone Brewing Company, Escondido	Late reporting and permitted facility flowrate was exceeded	NPDES Order No. R9-2012-0006

### Enforcement Actions for November and December 2018

<b>Enforcement Date</b>	<b>Enforcement Action</b>	<b>Entity/ Facility/ Location</b>	<b>Summary of Violations and Enforcement</b>	<b>Applicable Permit/Order Violated</b>
11/21/2018	Staff Enforcement Letter	Driscoll Inc., Driscoll Custom Boats (San Diego Bay), San Diego	Deficient reporting	NPDES General Order No. R9-2013-0026 for boat maintenance repair facilities
11/21/2018	Staff Enforcement Letter	Driscoll Mission Bay, LLC, San Diego	Deficient reporting	NPDES General Order No. R9-2013-0026 for boat maintenance repair facilities
11/21/2018	Staff Enforcement Letter	Koehler Kraft Company, San Diego	Late and deficient reporting	NPDES General Order No. R9-2013-0026 for boat maintenance repair facilities
11/21/2018	Staff Enforcement Letter	The Marine Group Boat Works, LLC, Marine Group Boat Works – Chula Vista, San Diego	Deficient reporting	NPDES General Order No. R9-2013-0026 for boat maintenance repair facilities
11/21/2018	Staff Enforcement Letter	The Marine Group Boat Works, LLC, Marine Group Boat Works – National City, San Diego	Deficient reporting	NPDES General Order No. R9-2013-0026 for boat maintenance repair facilities
11/21/2018	Staff Enforcement Letter	Oceanside Marine Centre, Inc., San Diego	Late and deficient reporting	NPDES General Order No. R9-2013-0026 for boat maintenance repair facilities
11/21/2018	Staff Enforcement Letter	City of San Diego Metropolitan Wastewater Department, Point Loma Wastewater Treatment Plant & Ocean Outfall, San Diego	Late and deficient reporting, and exceeded effluent limitation for Settleable Solids	NPDES Order No. R9-2017-0007

### Enforcement Actions for November and December 2018

<b>Enforcement Date</b>	<b>Enforcement Action</b>	<b>Entity/ Facility/ Location</b>	<b>Summary of Violations and Enforcement</b>	<b>Applicable Permit/Order Violated</b>
<b>12/19/18</b>	Staff Enforcement Letter	Rancho Mission Viejo, GW Extraction Facility, Planning Area 2 and Cow Camp Road, San Juan Capistrano	Late reporting	NPDES General Order No. R9-2015-0013 for groundwater extraction
<b>WASTE DISCHARGE REQUIREMENTS: SANITARY SEWER OVERFLOWS</b>				
<b>12/06/2018</b>	Staff Enforcement Letter	City of San Diego, Collection System, San Diego	Category 1 Sanitary Sewer Overflow events from September 1, 2017 through October 31, 2018	Waste Discharge Requirements (WDR) Order No. R9-2007-0005
<b>12/06/2018</b>	Staff Enforcement Letter	San Diego County Department of Public Works Collection System, San Diego County	Category 1 Sanitary Sewer Overflow events from April 1, 2017 through October 31, 2018	WDR Order No. R9-2007-0005
<b>12/06/2018</b>	Staff Enforcement Letter	City of Encinitas Collection System, Encinitas	Category 1 Sanitary Sewer Overflow events from September 1, 2016 through October 31, 2018	WDR Order No. R9-2007-0005
<b>12/11/2018</b>	Staff Enforcement Letter	Olivenhain Municipal Water District Collection System, 4-S Ranch, Encinitas	Category 1 Sanitary Sewer Overflow events from September 1, 2016 through October 31, 2018	WDR Order No. R9-2007-0005
<b>12/17/18</b>	Staff Enforcement Letter	Rainbow Municipal Water District Collection System, Fallbrook	Category 1 Sanitary Sewer Overflow events from January 1, 2008 through October 31, 2018	WDR Order No. R9-2007-0005

### Enforcement Actions for November and December 2018

WASTE DISCHARGE REQUIREMENTS: AGRICULTURE				
<b>11/30/18</b>	Notice of Violation No. R9-2018-0182	Cordiano Winery, Escondido	Failure to pay annual State fee	Order No. R9-2016-0004; WDRs for Commercial Agricultural Operations; CWC section 13260
<b>11/30/18</b>	Notice of Violation No. R9-2018-0183	Ingwersen Nursery, Oceanside	Failure to pay annual State fee	Order No. R9-2016-0004; WDRs for Commercial Agricultural Operations; CWC section 13260
<b>11/30/2018</b>	Notice of Violation No. R9-2018-0184	Specialty Plants, Inc., San Marcos	Failure to pay annual State fee	Order No. R9-2016-0004; WDRs for Commercial Agricultural Operations; CWC section 13260
<b>12/10/2018</b>	Notice of Violation No. R9-2018-0188	Colombini, Karen, Valley Center	Failure to pay annual State fee	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
<b>12/10/18</b>	Notice of Violation No. R9-2018-0189	Jungle Jacks Plumerias, Vista	Failure to pay annual State fee	Order No. R9-2016-0004; WDR for Commercial Agricultural Operations; CWC section 13260
<b>11/9/18</b>	Staff Enforcement Letter	Orozco, Jesus, Fallbrook	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDRs for Commercial Agricultural Operations; CWC section 13260
<b>11/9/18</b>	Staff Enforcement Letter	Coast Holdings Limited Partnership, Fallbrook	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDRs for Commercial Agricultural Operations; CWC section 13260

**Enforcement Actions for November and December 2018**

<b>11/16/18</b>	Staff Enforcement Letter	Mariscal-Diaz, Francisco, Fallbrook	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDRs for Commercial Agricultural Operations; CWC section 13260
<b>11/16/18</b>	Staff Enforcement Letter	Doehring, Frederic M., Fallbrook	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004; WDRs for Commercial Agricultural Operations; CWC section 13260
<b>SITE CLEANUP PROGRAM</b>				
<b>11/02/2018</b>	Notice of Violation No. R9-2018-0169	TDY Industries, Convair Lagoon Sand Cap, San Diego	Failure to provide required reporting and record keeping information and failure to notify the San Diego Water Board within 24 hours of samples collected	WDR Order No. R9-2015-0029

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

Responsible Agency	Collection System (CS)	Total Volume <sup>1</sup>	Total Recovered <sup>2</sup>	Total Reaching Surface Waters <sup>3</sup>	Total Reaching Separate Storm Drain and Recovered <sup>4</sup>	Total Discharged to Land <sup>5</sup>	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
City of Del Mar	City of Del Mar CS	10,500	6,250	4,250	0	6,250	60%	40%	0%	60%	Pacific Ocean	3.8	29	4,297
City of Encinitas	City of Encinitas CS	950	0	0	0	950	0%	0%	0%	100%	-	4.5	124	36,200
National City	National City CS	200	0	0	0	200	0%	0%	0%	100%	-	1.0	105.0	58,967
City of Oceanside	City of Oceanside CS, La Salina Wastewater Treatment Plant	48,950	0	48,950	0	0	0%	100%	0%	0%	Pilgrim Creek	35.6	439.7	69,957
City of San Diego	City of San Diego CS	250	250	0	0	250	100%	0%	0%	100%	-	153.7	3,021.1	2,207,591
Santa Margarita Water District	Santa Margarita Water District CS	750	550	200	0	550	73%	27%	0%	73%	Trabuco Creek	14.0	615.0	160,000
<b>Totals for Public Spills</b>		<b>61,600</b>	<b>7,050</b>	<b>53,400</b>	<b>0</b>	<b>8,200</b>	<b>11%</b>	<b>87%</b>	<b>0%</b>	<b>13%</b>	<b>-</b>	<b>212.6</b>	<b>4,333.8</b>	<b>2,537,012</b>
<b>Totals for Federal Spills</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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

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

<sup>3</sup>Total 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.

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

<sup>5</sup>Total Discharged to Land = total amount reaching land.

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

Responsible Agency	Collection System (CS)	Total Volume <sup>1</sup>	Total Recovered <sup>2</sup>	Total Reaching Surface Waters <sup>3</sup>	Total Reaching Separate Storm Drain and Recovered <sup>4</sup>	Total Discharged to Land <sup>5</sup>	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
		(Gallons)					(%)							
National City	National City CS	400	200	0	0	400	50%	0%	0%	100%	-	1.0	105.0	58,967
		300	300	0	0	300	100%	0%	0%	100%	-			
City of Poway	City of Poway CS	32	0	0	0	32	0%	0%	0%	100%	-	3.5	185.0	44,006
City of San Diego	City of San Diego CS	600	0	0	0	600	0%	0%	0%	100%	-	153.7	3,032.0	2,207,591
		34	34	0	0	34	100%	0%	0%	100%	-			
		68	68	0	0	68	100%	0%	0%	100%	-			
		515	515	0	0	515	100%	0%	0%	100%	-			
		308	308	0	0	308	100%	0%	0%	100%	-			
		2,312	2,000	0	0	2,312	87%	0%	0%	100%	-			
		1,600	0	0	0	1,600	0%	0%	0%	100%	-			
		57	57	0	0	57	100%	0%	0%	100%	-			
24	24	0	0	24	100%	0%	0%	100%	-					
San Diego County Department of Public Works	County of San Diego CS	2,635	1,032	0	0	2635	39%	0%	0%	100%	-	10.0	408.0	35,567
US Marine Corps Base Camp Pendleton	USMC Base Camp Pendleton CS	50	0	0	0	50	0%	0%	0%	100%	-	35.0	122.0	90,000
<b>Totals for Public Spills</b>		<b>8,885</b>	<b>4,538</b>	<b>0</b>	<b>0</b>	<b>8,885</b>	<b>51%</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>	<b>-</b>	<b>168.2</b>	<b>3,730.0</b>	<b>2,346,131</b>
<b>Totals for Federal Spills</b>		<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>100%</b>	<b>-</b>	<b>35.0</b>	<b>122.0</b>	<b>90,000</b>

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

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

<sup>3</sup>Total 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.

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

<sup>5</sup>Total Discharged to Land = total amount reaching land.

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

Responsible Agency	Collection System (CS)	Total Volume <sup>1</sup>	Total Recovered <sup>2</sup>	Total Reaching Surface Waters <sup>3</sup>	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land <sup>4</sup>	Percent Recovered	Percent Reaching Surface Waters	Percent Reaching Separate Storm Drain & Recovered and/or Discharged to Land	Population in Service Area	Lateral Connections
		(Gallons)				(%)				
Carlsbad Municipal Water District (MWD)	Carlsbad MWD CS	5	5	0	5	100%	0%	100%	69,825	22,700
		40	4	0	40	10%	0%	100%		
		21	21	0	21	100%	0%	100%		
		11	11	0	11	100%	0%	100%		
City of El Cajon	City of El Cajon CS	20	20	0	20	100%	0%	100%	103,768	16,950
		2,800	300	2,500	300	11%	89%	11%		
City of Escondido	Hale Avenue Resource Recovery Facility Disch to San Elijo Ocean Outfall CS	50	0	0	50	0%	0%	100%	171,455	41,750
		404	100	0	404	25%	0%	100%		
		20	0	0	20	0%	0%	100%		
City of Laguna Beach	City of Laguna Beach CS	75	75	0	75	100%	0%	100%	18,000	6,650
National City	National City CS	100	100	0	100	100%	0%	100%	58,967	8,000
City of Poway	City of Poway CS	3	0	0	3	0%	0%	100%	44,006	12,256
Rancho California Water District	Santa Rosa Water Reclamation Facility- Recycled Water Facility	33	0	0	33	0%	0%	100%	19,801	4,840
City of San Diego	City of San Diego CS	50	50	0	50	100%	0%	100%	2,207,591	267,237
		157	143	14	143	91%	9%	91%		
City of Vista	City of Vista CS	20	20	0	20	100%	0%	100%	90,000	16,525
		20	20	0	20	100%	0%	100%		
		20	20	0	20	100%	0%	100%		
<b>Totals</b>		<b>3,849</b>	<b>889</b>	<b>2,514</b>	<b>1,335</b>	<b>23%</b>	<b>65%</b>	<b>35%</b>	<b>2,783,413</b>	<b>396,908</b>

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

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

<sup>3</sup>Total 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.

<sup>4</sup>Total 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: November 2018 - Summary of Private Lateral Sewage Discharges in the San Diego Region

Responsible Agency	Collection System (CS)	Total Volume <sup>1</sup>	Total Recovered <sup>2</sup>	Total Reaching Surface Waters <sup>3</sup>	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land <sup>4</sup>	Percent Recovered	Percent Reaching Surface Waters	Percent Reaching Separate Storm Drain & Recovered and/or Discharged to Land	Population in Service Area	Lateral Connections
		(Gallons)				(%)				
Carlsbad Municipal Water District (MWD)	Carlsbad MWD CS	1	1	0	1	100%	0%	100%	69,750	22,500
Eastern Municipal Water District	Temecula Valley CS	500	500	0	500	100%	0%	100%	248,768	55,136
City of Escondido	Hale Avenue Resource Recovery Facility Disch to San Elijo Ocean Outfall CS	30	0	0	30	0%	0%	100%	171,455	41,750
		150	0	0	150	0%	0%	100%		
City of Imperial Beach	City of Imperial Beach CS	20	20	0	20	100%	0%	100%	26,337	10,909
Padre Dam Municipal Water District	Padre Dam CS	2	0	2	0	0%	100%	0%	69,957	15,202
Rainbow Municipal Water District	Rainbow Municipal Water District CS	120	0	120	0	0%	100%	0%	10,652	2,500
City of San Diego	City of San Diego CS	65	65	0	65	100%	0%	100%	2,207,591	267,237
		1,238	1,238	0	1,238	100%	0%	100%		
		74	74	0	74	100%	0%	100%		
		152	152	0	152	100%	0%	100%		
South Coast Water District	South Coast Water District CS	207	207	0	207	100%	0%	100%	42,000	14,762
<b>Totals</b>		<b>2,559</b>	<b>2,257</b>	<b>122</b>	<b>2,437</b>	<b>88%</b>	<b>5%</b>	<b>95%</b>	<b>2,846,510</b>	<b>429,996</b>

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

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

<sup>3</sup>Total 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.

<sup>4</sup>Total 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**

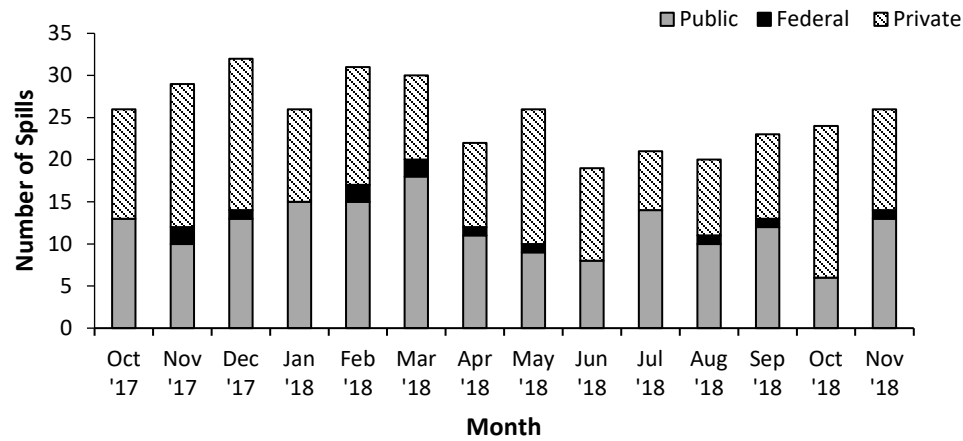


Figure 1: The number of public, federal, and private sanitary sewer overflows (SSOs) per month from October 2017 to November 2018.

**Figure 2: Volume of SSOs per Month**

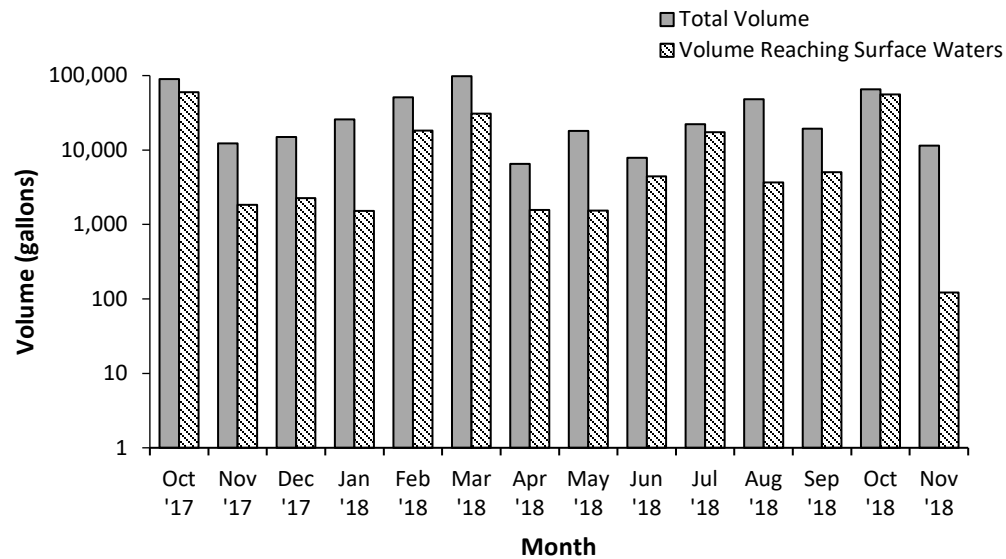


Figure 2: The volume of public, federal, and private sanitary sewer overflows (SSOs) per month from October 2017 to November 2018. Note the logarithmic scale on the vertical axis showing the wide variation in SSO volumes.

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

Location	Start Date	Total Volume	Total Recovered	Total Reaching Surface Waters	Percent Recovered	Percent Reaching Surface Waters	Additional Details
		(Gallons)	(Gallons)	(Gallons)	(%)	(%)	
<b>Dry Weather<sup>1</sup></b>							
Tijuana River	10/19/2018	1,640,000	0	1,640,000	0%	100%	The intake screens on Pump Station CILA were blocked by trash causing flow in the Tijuana River to bypass the River Diversion Structure and flow across the U.S./Mexico Border.
<b>Total Dry Weather</b>		1,640,000	0	1,640,000	0%	100%	-
<b>Wet Weather<sup>2</sup></b>							
Tijuana River	10/12/2018	N/A	N/A	N/A	N/A	N/A	Due to precipitation in the Tijuana River watershed, Pump Station CILA was shut down. With Pump Station CILA shut down, flows in the Tijuana River were not diverted allowing the flow to cross the U.S./Mexico border.
<b>Total Wet Weather</b>		-	-	-	-	-	-

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

<sup>2</sup>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: November 2018 - Summary of Transboundary Flows from Mexico into the San Diego Region

Location	Start Date	Total Volume	Total Recovered	Total Reaching Surface Waters	Percent Recovered	Percent Reaching Surface Waters	Additional Details
		(Gallons)		(%)			
Dry Weather <sup>1</sup>							
Tijuana River	11/21/2018	2,240,000	0	2,240,000	0%	100%	In April 2018, the U.S. Section of the International Boundary and Water Commission (U.S. IBWC) constructed a temporary berm in the Tijuana River Channel at the international boundary to prevent dry weather flow from crossing the U.S./Mexico border. On November 21, 2018, an overflow at Pump Station CILA resulted in water backing up at the temporary berm. While Comisión Estatal de Servicios Públicos de Tijuana (CESPT) began pumping the backed-up water, U.S. Customs and Border Protection (CBP) began lowering the temporary berm in anticipation of impending rainfall. CBP's actions caused the remaining ponded water at the border to cross into the U.S.
Tijuana River	11/25/2018	7,900,000	0	7,900,000	0%	100%	Due to protests/demonstrations along the international boundary in Mexico, normal maintenance could not be performed on the Pump Station CILA intake structure. The lack of maintenance caused debris to block the intake screens on Pump Station CILA. This resulted in flows in the Tijuana River to bypass the River Diversion Structure and cross the U.S./Mexico border. However, the flow did not leave the flood control project or reach Dairy Mart Bridge.
<b>Total Dry Weather</b>		10,140,000	0	10,140,000	0%	100%	-
Wet Weather <sup>2</sup>							
Tijuana River	11/29/2018	N/A	N/A	N/A	N/A	N/A	Due to precipitation in the Tijuana River watershed, Pump Station CILA was shut down. With Pump Station CILA shut down, flows in the Tijuana River were not diverted allowing the flow to cross the U.S./Mexico border.
<b>Total Wet Weather</b>		-	-	-	-	-	

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

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