

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



Executive Officer's Report
May 13, 2020

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The May 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: Dulce Romero

An updated staff list of the San Diego Water Board can be viewed at:

https://www.waterboards.ca.gov/sandiego/board_info/agendas/2020/may/Regional_Board_Staff.pdf.

Recruitment

- The recruitment process has begun to fill the Assistant Executive Officer vacancy, an Office Technician vacancy in the Mission Services Support Unit; and two Engineering Geologist vacancies, one in the Site Restoration Unit and the other in the Site Restoration & Agricultural Program Unit.

Recent Hires

Congratulations to Elisa Rivera, who began work as a Student Assistant (Engineering Architectural and Sciences) in the Mission Services Support Unit on April 1, 2020. Elisa will perform accessibility remediation on existing documents. Lara Quetin also began work on April 1, 2020, as an Engineering Geologist in the Site Restoration Unit. Lara will work on a variety of interesting cleanup cases in the Site Restoration Unit, including Lake San Marcos. Lastly, Linnea (Lark) Starkey will begin working as an Environmental Scientist in the Restoration & Protection Planning Unit on May 6. She will be the project manager for the Santa Margarita River nutrient TMDL and the Unit's GIS expert. Ms. Starkey received a B.A. in English Literature from Queen Mary University of London and an M.A.S. in Marine Biodiversity & Conservation from Scripps Institution of Oceanography at University of California San Diego.

Information on our vacancies can be found on the CalCareers and San Diego Water Board websites:

<https://calcareers.ca.gov/CalHRPublic/Search/AdvancedJobSearch.aspx>

https://www.waterboards.ca.gov/sandiego/about_us/employment/.

Part B – Significant Regional Water Quality Issues

1. Chollas Creek Total Maximum Daily Load (TMDL) Amendments

Staff Contact: Melissa Corona

In March of this year, the U.S. Environmental Protection Agency (USEPA) approved amendments to the Water Quality Control Plan for the San Diego Basin (Basin Plan) that 1) adopt site-specific water effect ratios (WERs) for Chollas Creek, and 2) update Chollas Creek TMDL numeric targets to incorporate the WERs. These Basin Plan amendments were approved by the San Diego Water Board on February 8, 2017, via Resolution No. R9-2017-0015. The State Water Resources Control Board approved the amendments at its September 17, 2019, public hearing and the Office of Administrative Law (OAL) approved the regulatory action on March 5, 2020 (the effective date of the

updated TMDLs). Chapter 3 (Water Quality Objectives) and Chapter 7 (Total Maximum Daily Loads) of the Basin Plan will be updated to reflect the OAL and USEPA approvals.

The TMDLs for dissolved metals in Chollas Creek originally went into effect on October 22, 2008. Due to limited site-specific data during TMDL development, a default WER value of 1 was used to calculate numeric targets. Subsequently, data were collected and evaluated to update the dissolved copper and dissolved zinc numeric targets with site-specific WERs (for wet weather only), which consider the physical and chemical characteristics of the water in Chollas Creek. This approach is consistent with USEPA water quality criteria for toxic pollutants in inland surface waters, enclosed bays, and estuaries (California Toxics Rule; 40 CFR 131.38).

2. Lake San Marcos Update

Staff Contact: Sarah Mearon

Lake San Marcos is impaired by excess phosphorus and nitrogen. The excess nutrients in the lake result in excess algal growth and low dissolved oxygen. Poor circulation results in seasonal lake stratification, which exacerbates the anoxic conditions. Both the lake and San Marcos Creek, which flows into the lake at its north end, are included on the U.S. Environmental Protection Agency Clean Water Act 303(d) list of impaired waters.

The San Diego Water Board Site Cleanup Program (SCP) is overseeing corrective action activities for the Lake San Marcos and San Marcos Creek watershed case. The lake owner, Citizens Development Corporation (CDC), and four public agencies (San Diego County, Cities of San Marcos and Escondido, and Vallecitos Water District) are currently performing investigation and cleanup work cooperatively and voluntarily. CDC and the four public agencies are working to mitigate the causes of nutrient impairment in the lake and watershed and implement full-scale cleanup alternatives based on the results of several rounds of pilot testing that were recently completed.

The technical team representing CDC and the four public agencies provided an update to the Board during the October 9, 2019, Board meeting. Since then the parties have completed the design for an aeration system to be installed in the southern portion of the lake. The aeration system will improve lake circulation, prevent seasonal stratification, and increase dissolved oxygen levels. The parties have also continued to work on a California Environmental Quality Act Initial Study/Mitigated Negative Declaration to support implementation of three Corrective Action Plans. These plans will detail long-term restoration activities for the lake and watershed. The parties also have submitted permit applications for installation of the aeration system to the U.S. Army Corps of Engineers (USACE) and the California Department of Fish and Wildlife (CDFW). CDFW issued a letter on March 2 indicating the agency would not be requiring a permit prior to system installation. USACE has not yet issued its determination.

As part of the long-term remedial plan for the lake and in addition to aeration, the parties have proposed to install two new fractured bedrock groundwater wells from which to extract groundwater. The groundwater is proposed to be pumped into the deep portion of the southern end of the lake to help improve lake circulation in combination with the

aeration system. This activity requires enrollment in Order No. R9-2015-0013, *General Waste Discharge Requirements for Groundwater Extraction Discharges to Surface Waters Within the San Diego Region* (Order No R9-2015-0013). The parties have submitted a reasonable potential analysis in support of obtaining a variance from enrollment in this order due to the presence of elevated levels of naturally occurring total dissolved solids, chloride, iron, and manganese. CDC has been operating two existing wells for this purpose since the 1960s. Operation of the existing wells also requires enrollment in Order No R9-2015-0013. CDC is currently preparing a variance application that includes the two existing wells and the two proposed wells. Once received, the Source Control Unit will review the variance application.

Project documents and correspondence can be viewed online on Geotracker at http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000003261.

3. Commercial Agriculture Regulatory Program Update

Staff Contacts: Christina Arias and Jason DuMond

Since the last update, the San Diego Water Board Commercial Agriculture Regulatory Program (Program) has been working to increase enrollment and enforcement, perform inspections, and expand outreach in collaboration with other entities. Below is a detailed discussion of the Program's recent efforts in these areas.

Inspections

Staff conducted 25 inspections from October 2019 to February 2020 at a variety of agricultural operations including commercial nurseries, citrus groves, avocado groves, and a large tomato farm. During these inspections, staff explained the requirements of the Order¹ and Program expectations. In some cases, staff issued enforcement letters to growers and requested corrections to current operating procedures. The growers' responses to these inspections were positive, indicating they now have a better understanding of their obligations under the Order and have made improvements in their operations.

During these inspections, staff learned that erosion and sedimentation are an ongoing challenge for many growers in the Region. As a result, staff have started providing growers with best management practice (BMP) "fact sheets," originally developed for the Construction Stormwater Program. These fact sheets describe appropriate application and installation of several types of temporary BMPs such as hydro-mulch, silt fences, gravel bag berms, and sediment traps. Staff also stressed the importance of implementing BMPs in advance of rain events.

¹ Order No. R9-2016-0004 General Waste Discharge Requirements For Dischargers From Commercial Agricultural Operations For Dischargers That Are Members Of A Third-Party Group In The San Diego Region
https://www.waterboards.ca.gov/sandiego/board_decisions/adopted_orders/2016/R9-2016-0004.pdf

Outreach and Education

Staff recently learned that the Natural Resources Conservation Service (NRCS) provides free technical services to growers that will assist them with conservation practices. This includes soil management and other techniques to protect and improve water quality. After conducting an onsite visit, NRCS staff creates a "Conservation Plan" that describes site-specific measures that growers can implement to both minimize erosion and decrease the amount of runoff generated during storm events. Because Conservation Plans are helpful for growers in meeting the requirements of the Order, staff encourages growers to seek NRCS technical assistance when challenging circumstances are encountered during field inspections.

Staff are also coordinating with the San Diego Region Irrigated Lands Group to provide useful information regarding Order compliance to the agricultural community in its quarterly newsletter. This includes reminding growers of their obligation to enroll in the Order and the need to implement BMPs to protect water quality. In the coming months, staff will also coordinate with local municipalities to schedule public workshops related to BMP implementation for agricultural operations that will increase grower awareness of their water quality impacts and educate them about measures to take to reduce these impacts.

Enforcement

The Program's highest priority continues to be increasing enrollment in Order. The enrollment process begins when staff send directive letters to growers who have failed to enroll in the Order. From September 2019 to February 2020, Program staff sent 190 directive letters to growers that were not enrolled in the Order and successfully enrolled 112 of those growers. In some instances, directive letters were returned to sender because of invalid addresses; however, staff continue to search for correct contact information which is a time-consuming process. The remaining directive letter recipients have either failed to respond, are no longer operating, or are in the process of enrolling via a Third-Party Group. During that same timeframe, staff issued 60 notices of violations (NOVs) to growers who failed to enroll by the 30-day deadlines specified in the directive letters. This has been an effective process for compelling growers to enroll.

Staff have also issued two offers to settle administrative civil liabilities to growers who have failed to seek regulatory coverage for their agricultural operations, despite receiving NOVs and several attempts from staff to assist them with the enrollment process. One grower initiated confidential settlement discussions and staff are awaiting responses from the other grower. The settlement offers range from \$3,333 to \$8,259 and are based on the minimum liability allowed by the State Water Resources Control Board's 2017 Water Quality Enforcement Policy.

4. Environmental Laboratory Fined for False Reporting in the San Diego Region

Staff Contact: Chiara Clemente

The State Water Resources Control Board's Environmental Laboratory Accreditation Program (ELAP) fined Western Analytical Laboratories, Inc. (WAL), an environmental testing laboratory, \$90,000 and denied renewal of its accreditation on April 7, 2020. These actions were in response to WAL making false representations about a wastewater treatment facility's compliance with a permit issued by the San Diego Water Board. The fine stems from an investigation that found WAL created reports for the Skyline Ranch Country Club (Skyline) with data produced by an unaccredited laboratory at the site's wastewater treatment plant.

ELAP launched the investigation in April 2018 after San Diego Water Board staff observed Skyline personnel performing laboratory tests during a routine inspection of the wastewater treatment facility. The observation of Skyline personnel performing the laboratory tests conflicted with information in the monitoring reports that indicated the tests were performed by WAL. During an unannounced inspection in June 2018, ELAP found that WAL was using data from the unaccredited Skyline lab in official lab reports for regulatory purposes.

This is the first laboratory enforcement action to come before the State Water Board for adoption since ELAP was moved from the California Department of Health Services in July 2014. Up to \$50,000 of the penalty will be deferred if WAL chooses to meet specific re-accreditation requirements, which are more stringent than the general ELAP standards.

More detail on the investigation that led to the penalty is available in the draft order on the State Water Board's webpage at:

https://www.waterboards.ca.gov/board_info/agendas/2020/apr/040720_6_draftorder.docx.

5. Enforcement Actions for January through March 2020 (Attachment B-5)

Staff Contact: Chiara Clemente

During the months of January, February, and March 2020, the San Diego Water Board issued 3 Administrative Civil Liability (ACL) actions, 1 Investigative Order, 36 Notices of Violation, and 11 Staff Enforcement Letters. A summary of each written 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/

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/>.

6. Sanitary Sewer Overflows and Transboundary Flows from Mexico in the San Diego Region – January and February 2020 (Attachment B-6)

Staff Contact: Keith Yaeger

Sanitary sewer overflow (SSO) discharges from public 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, thereby threatening public health, adversely affecting aquatic life, and impairing 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, estuaries, and beaches.

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 SSO spills are required to be reported under the [Statewide General SSO Order](#)², the [San Diego Regional General SSO Order](#)³, and/or individual National Pollutant Discharge Elimination System (NPDES) permit requirements. Some federal entities⁴ 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.

² 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*.

³ San Diego Water Board Order No. R9-2007-0005, *Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region*.

⁴ 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.

Details on the reported SSOs are provided in the following attached tables:

- Table 1: January 2020 - Summary of Public and Federal Sanitary Sewer Overflow Events
- Table 2: February 2020 - Summary of Public and Federal Sanitary Sewer Overflow Events
- Table 3: January 2020 - Summary of Private Lateral Sewage Discharge Events
- Table 4: February 2020 - Summary of Private Lateral Sewage Discharge Events
- Table 5: January and February 2020 - Summary of Sewage Discharges by Source

A summary view of information on SSO trends is provided in the following attached figures:

- 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 January 2020 to February 2020. During this period, 44 of the 63 collection systems in the San Diego Region regulated under the Statewide SSO Program reported one or more sewage spills. Nineteen collection systems did not report any sewage spills. A total of 367 sewage spills were reported and 2,053,295 gallons of sewage reached surface waters.

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

Transboundary Flows

Water and wastewater in the Tijuana River and from canyons located along the international border ultimately drain from the City of Tijuana, Mexico into the United States (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 that capture dry weather transboundary flows for treatment at the South Bay International Wastewater Treatment Plant (SBIWTP) 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.

From December 29, 2019 to March 1, 2020, there were five reported dry weather transboundary flows. In total, the dry weather transboundary flows during this period resulted in over 2.9 billion gallons of contaminated water⁵ flowing from Mexico into the

⁵ As used in this report, the term "contaminated water" is intended to refer to water that either meets the definition of "contamination" under Water Code section 13050(k) or that

United States. Details on the transboundary flows reported in January and February 2020 are provided in the attached tables:

- Table 6: January and February 2020 - Summary of Transboundary Flows from Mexico by Event
- Table 7: January and February 2020 - Summary of Transboundary Flows from Mexico by Weather Condition

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 transboundary flows conveyed from canyon collectors located in Smuggler's 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 USIBWC's NPDES permit, Order No. R9-2014-0009.
- Several pump stations and wastewater treatment plants in Tijuana, Mexico.
- The River Diversion Structure and Pump Station CILA in the City of Tijuana diverts dry weather transboundary flows from the Tijuana River. The flows are diverted to a discharge point at the Pacific Ocean shoreline, approximately 5.6 miles south of the U.S./Mexico border; or the flows can be diverted to SBIWTP or another wastewater treatment plant in Tijuana, depending on how Tijuana's public utility department (CESPT) directs the flow into 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, 22.8 MGD).

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.

creates, or threatens to create, a condition of "pollution" under Water Code section 13050(I).

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

May 13, 2020

APPENDED TO EXECUTIVE OFFICER'S REPORT

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

Action Agenda Items – San Diego Water Board

**June 10, 2020
Remoter Meeting**

Action Agenda Item	Action Type	Draft Complete	Written Comments Due	Consent Item
New Waste Discharge Requirements: Waste Discharge Requirements for UDC French Valley LLC, French Valley Market Place Project, Riverside County (<i>Bradford</i>)	New Waste Discharge Requirements	90%	TBD	Yes
PFAS PFOA Update (<i>Mearon</i>)	Informational Item	NA	NA	NA

**July 2020
No Meeting Scheduled**

**August 12, 2020
San Diego Water Board**

Action Agenda Item	Action Type	Draft Complete	Written Comments Due	Consent Item
Rescission of Order No. 86-32, An Order Prohibiting the Discharge of Wastes Beyond the Limits of Lands Owned or Controlled by Color Spot Foliage Inc., Near Fallbrook, San Diego County (<i>Bushnell</i>)	Waste Discharge Requirement Rescission	50%	6-July-20	Yes
Rescission of Order No. 93-69, Waste Discharge Requirements for Oak Crest Estates, Inc. and Rainbow Municipal Water District, Oak Crest Treatment Plant, San Diego County (<i>Bushnell</i>)	Waste Discharge Requirement Rescission	10%	26-June-20	Yes

Action Agenda Item	Action Type	Draft Complete	Written Comments Due	Consent Item
Rescission of Order No. 94-150, Waste Discharge Requirements for Pauma Valley Investment Trust, Rancho Corrido Trailer Park, San Diego County <i>(Komeylyan)</i>	Waste Discharge Requirement Rescission	20%	26-June-20	Yes
Rescission of Order No. 95-84, WDRs for Tocalota Springs RV Park <i>(Bushnell)</i>	Waste Discharge Requirement Rescission	20%	26-June-20	Yes
Master Reclamation Permit for Civita Development Project, San Diego County <i>(Komeylyan)</i>	New Master Recycling Permit	75%	12-June-20	No
Update on ReWild Project and Planning for De Anza Cove in Mission Bay: History, Status, and Opportunities <i>(Harris)</i>	Informational Item	NA	NA	NA
Operational Plan 2020-2021 <i>(Gibson)</i>	Informational Item	NA	NA	NA

**Agenda Items Requested by Board Members
February 12, 2020**

Requested Agenda Item	Board Member	Status
Climate change science and strategy update	Abarbanel	In Progress
Tijuana River Valley water quality update and future funding opportunities.	Abarbanel	In Progress

March 5, 2020

Requested Agenda Item	Board Member	Status
Informational item regarding progress at Lake San Marcos and an Executive Officer's Report prior to the meeting.	Abarbanel	In Progress
Reschedule statutorily required stakeholder meeting with USEPA regarding border water quality issues, which was cancelled in March 2020	Abarbanel	USEPA currently has plans to reschedule the stakeholder meeting to May 2020
Informational item regarding the University of California San Diego (UCSD) Climate Action Plan.	Strawn	August 2020

Enforcement Actions for January through March 2020

Executive Officer's Report

Attachment B-5

NPDES WASTEWATER

Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/5/2020	Investigative Order No. R9-2020-0030	International Boundary and Water Commission, US and Mexico Section, Tijuana River	Directive to submit technical reports pertaining to pollution in the Tijuana River Valley	Issued pursuant to California Water Code Section 13267
2/19/2020	Staff Enforcement Letter	South Orange County Wastewater Authority, Aliso Creek Ocean Outfall	Deficient monitoring, late reporting, and one effluent violation for settleable solids	National Pollutant Discharge Elimination System (NPDES) Order No. R9-2012-0013
2/25/2020	Staff Enforcement Letter	San Diego County Regional Airport Authority, Groundwater Extraction – San Diego International Airport Cistern Project	Deficient monitoring	NPDES General Order No. R9-2015-0013.
2/28/2020	Staff Enforcement Letter	CAPEXCO c/o Keywest Engineering, GW EX – 13247 Poway Road, Poway	Late reporting	NPDES General Order No. R9-2015-0013

Enforcement Actions for January through March 2020

Executive Officer's Report

Attachment B-5

NPDES STORMWATER

Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
1/10/2020	<u>Administrative Civil Liability Complaint No. R9-2020-0006</u>	Baldwin & Sons Inc., et. al., Portola Center South Construction Site, Lake Forest	Complaint totaling \$9,115,932 for multiple alleged Best Management Practice (BMP) and effluent violations from August 2015 to March 2016	National Pollutant Discharge Elimination System (NPDES) Construction General Order No. 2009-0009-DWQ
3/5/2020	<u>Administrative Civil Liability Settlement Order No. R9-2020-0028</u>	OHL USA Inc., Murrieta Creek, Temecula	Settlement agreement totaling \$741,466 for inadequate Storm Water Pollution Prevention Plan (SWPPP) and Qualified SWPPP Practitioner (QSP) violations.	NPDES Construction General Order No. 2009-0009-DWQ
1/30/2020	Notice of Violation No. R9-2020-0256	Mesa Canyon Community Partners LLC, 3Roots, Carrol Canyon, San Diego	Failure to obtain enrollment in construction general permit and implement BMPs for mass grading operations	NPDES Construction General Order No. 2009-0009-DWQ and NPDES Industrial General Order No. 2014-0057-DWQ
2/6/2020	Notice of Violation No. R9-2020-0025	City of San Diego, Phase I Municipal Separate Storm Sewer System (MS4)	Failure to enforce its legal authority and local ordinances resulting in construction activities being conducted without proper permitting or BMPs	NPDES MS4 General Order No. R9-2013-0001

Enforcement Actions for January through March 2020

Executive Officer's Report

Attachment B-5

Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
3/26/2020	Notice of Violation No. R9-2020-0092	KB Home, Oak Creek, Escondido	Deficient BMP implementation; failure to obtain permit; late reporting	NPDES Construction General Order No. 2009-0009-DWQ
1/9/2020	Staff Enforcement Letter	Saddleback Valley Unified School District, Mission Viejo	Deficient BMPs related to e-waste management	NPDES Industrial General Order No. 2014-0057-DWQ
1/10/2020	Staff Enforcement Letter	South Orange County Community College District, Saddleback College Athletics Stadium and Site Improvements, Mission Viejo	Deficient BMPs related to erosion controls	NPDES Construction General Order No. 2009-0009-DWQ
1/21/2020	Staff Enforcement Letter	San Diego Port District, San Diego Port Sites 2 & 3 Preparation Grading, San Diego	Deficient and failing BMPs	NPDES Construction General Order No. 2009-0009-DWQ
1/31/2020	Staff Enforcement Letter	County of San Diego Department of Parks and Recreation, Santa Ysabel Nature Center, Santa Ysabel	Deficient BMPs and unauthorized non-storm water discharge	NPDES Construction General Order No. 2009-0009-DWQ
2/3/2020	Staff Enforcement Letter	Parcel 3 WEST 21994 Carancho Road, Murrieta	Incomplete/insufficient SWPPP	NPDES Construction General Order No. 2009-0009-DWQ

Enforcement Actions for January through March 2020

Executive Officer's Report

Attachment B-5

Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/3/2020	Staff Enforcement Letter	Parcel 4 EAST 22048 Carancho Road, Murrieta	Deficient BMP implementation; incomplete/insufficient SWPPP	NPDES Construction General Order No. 2009-0009-DWQ
2/11/2020	Staff Enforcement Letter	Sun Communities, Inc., Costa Vista RV Park, Chula Vista	Deficient and failing BMPs	NPDES Construction General Order No. 2009-0009-DWQ
3/24/2020	Staff Enforcement Letter	North County Transit District, Breeze Operations, Oceanside	Deficient BMP implementation	NPDES Industrial General Order No. 2014-0057-DWQ

WASTE DISCHARGE REQUIREMENTS: AGRICULTURE

Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
1/31/2020	Administrative Civil Liability Settlement Offer No. R9-2020-0026	Peltzer Family Cellars, LLC, Temecula	Settlement offer of Administrative Civil Liability to resolve violations for failure to enroll	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0067	Yi Xu, Zhenghan International Trading Inc., 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 January through March 2020

Executive Officer's Report

Attachment B-5

Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/12/2020	Notice of Violation No. R9-2020-0068	Roberto Mendoza, Koranaya Enterprises Inc., 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
2/12/2020	Notice of Violation No. R9-2020-0069	Louis B. Dorfman, KBD Nursery, Bonsall	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0070	Steven K. Curt, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0071	Curtis Cutler, 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
2/12/2020	Notice of Violation No. R9-2020-0072	Susan J. Behneman, Valley Center	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 January through March 2020

Executive Officer's Report

Attachment B-5

Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/12/2020	Notice of Violation No. R9-2020-0073	Ric J. Varon, 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
2/12/2020	Notice of Violation No. R9-2020-0074	Kurt Tiedt, 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
2/12/2020	Notice of Violation No. R9-2020-0075	Richard P. Carey, Vista	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0076	Janet L. Crumley, 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
2/12/2020	Notice of Violation No. R9-2020-0077	Pedro Dominguez, 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 January through March 2020

Executive Officer's Report

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Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/12/2020	Notice of Violation No. R9-2020-0078	Paul J. Wilson, 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
2/12/2020	Notice of Violation No. R9-2020-0079	Nghia Quan Quach, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0080	Leone K. Brockman, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0081	Siew B. Er, 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
2/12/2020	Notice of Violation No. R9-2020-0082	Imre Cziraki, 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

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Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/12/2020	Notice of Violation No. R9-2020-0083	Mark G. Wall, Oceanside	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0084	Nancy Lee Bricker, NLB Financial Inc., Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0085	Veronica Aguayo, Valley View Investments, Bonsall	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0086	Eduardo D. Consunji, Vista	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0087	Vincent J. Bernard, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260

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Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/12/2020	Notice of Violation No. R9-2020-0053	Adalberto Serrato, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0054	Joseph Perricone, Perricone California Properties LLC, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0055	George Ochoa, Rancho Ochoa LLC, 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
2/12/2020	Notice of Violation No. R9-2020-0056	Robert W. Jackson, Jackson Ranch LLC, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0057	Norman S. Traner, Haas IV LTD, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260

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Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/12/2020	Notice of Violation No. R9-2020-0058	Shahin Tehrani, Five Safe T. LLC, Murrieta	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0061	Filiberto Jauregui, Jauregui Nursery LLC, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0062	Alireza Mashraghy, Papa Avocado LLC, Valley Center	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0063	James Michael Silveria, Temcula	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0064	Jacob Torres, BJM LLC, Valley Center	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 January through March 2020

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Enforcement Date	Enforcement Action	Entity/ Facility/Location	Summary of Violations and Enforcement	Applicable Permit/Order Violated
2/12/2020	Notice of Violation No. R9-2020-0065	Geraldine Witt, Witt Group, LTD, Escondido	Failure to submit a Notice of Intent; discharging without a permit	Order No. R9-2016-0004, WDR for Commercial Agricultural Operations; CWC Section 13260
2/12/2020	Notice of Violation No. R9-2020-0066	Oleg Uvarov, Uvarov's Avocados, 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

Table 1: January 2020 – Summary of Public and Federal Sanitary Sewer Overflow

Responsible Collection System Agency	Total Volume (Gallons)¹	Total Recovered (Gallons)²	Total Reaching Surface Waters (Gallons)³	Total Reaching Separate Storm Drain and Recovered (Gallons)⁴	Total Discharged to Land (Gallons)⁵	Surface Water Body Affected⁶	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area⁷
City of San Clemente	88	88	0	0	88	Not Applicable	3.7	177.6	64,014
City of San Clemente	300	300	0	0	300	Not Applicable	3.7	177.6	64,014
City of San Clemente	5	5	0	0	5	Not Applicable	3.7	177.6	64,014
City of San Diego	15	15	0	0	15	Not Applicable	141.3	3,034.9	2,500,000

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

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

³ 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.

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

⁵ Total Discharged to Land = total amount reaching land.

⁶ Agencies are only required to note the surface water body affected if the discharge reaches or has the potential to reach a surface water. If the discharge did not reach a surface water and does not have a potential to reach a surface water (i.e., a discharge to land or a discharge to a separate storm drain that is fully recovered) the surface water body affected is listed as “Not Applicable.” If the discharge was to a surface water body or to a separate storm drain and was not fully recovered, and the surface water body was not reported, the surface water body affected is listed as “Not Reported.”

⁷ As reported in the Collection System Questionnaire required under Order No. 2006-0003-DWQ.

Responsible Collection System Agency	Total Volume (Gallons) ¹	Total Recovered (Gallons) ²	Total Reaching Surface Waters (Gallons) ³	Total Reaching Separate Storm Drain and Recovered (Gallons) ⁴	Total Discharged to Land (Gallons) ⁵	Surface Water Body Affected ⁶	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area ⁷
City of San Diego	213	213	0	0	213	Not Applicable	141.3	3,034.9	2,500,000
City of San Diego	663	657	0	0	663	Not Applicable	141.3	3,034.9	2,500,000
City of San Diego	1,590	0	0	0	1,590	Not Applicable	141.3	3,034.9	2,500,000
City of San Diego	1,600	1,600	0	0	1,600	Not Applicable	141.3	3,034.9	2,500,000
City of San Diego	129	0	0	0	129	Not Applicable	141.3	3,034.9	2,500,000
City of San Diego	120	120	0	0	120	Not Applicable	141.3	3,034.9	2,500,000
San Diego County Department of Public Works	25	0	0	0	25	Not Applicable	5.5	422.0	154,716
California State University San Diego	100	0	0	0	100	Not Applicable	0.0	6.0	35,000
California State University San Diego	560	100	60	0	500	Alvarado Creek	0.0	6.0	35,000

Table 2: February 2020 – Summary of Public and Federal Sanitary Sewer Overflow Events

Responsible Collection System Agency	Total Volume (Gallons) ¹	Total Recovered (Gallons) ²	Total Reaching Surface Waters (Gallons) ³	Total Reaching Separate Storm Drain and Recovered (Gallons) ⁴	Total Discharged to Land (Gallons) ⁵	Surface Water Body Affected ⁶	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area ⁷
City of Del Mar	375	0	50	0	325	Pacific Ocean	3.8	29	4,322
City of La Mesa	5,400	300	5,100	0	300	Alvarado Basin Tributary to the San Diego River	0	155	58,244
City of La Mesa	75	75	0	0	75	Not Applicable	0	155	58,244

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

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

³ 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.

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

⁵ Total Discharged to Land = total amount reaching land.

⁶ Agencies are only required to note the surface water body affected if the discharge reaches or has the potential to reach a surface water. If the discharge did not reach a surface water and does not have a potential to reach a surface water (i.e., a discharge to land or a discharge to a separate storm drain that is fully recovered) the surface water body affected is listed as “Not Applicable.” If the discharge was to a surface water body or to a separate storm drain and was not fully recovered, and the surface water body was not reported, the surface water body affected is listed as “Not Reported.”

⁷ As reported in the Collection System Questionnaire required under Order No. 2006-0003-DWQ.

Responsible Collection System Agency	Total Volume (Gallons)¹	Total Recovered (Gallons)²	Total Reaching Surface Waters (Gallons)³	Total Reaching Separate Storm Drain and Recovered (Gallons)⁴	Total Discharged to Land (Gallons)⁵	Surface Water Body Affected⁶	Miles of Pressure Sewer	Miles of Gravity Sewer	Population in Service Area⁷
City of Poway	320	0	0	0	320	Not Applicable	3.5	185	45,800
City of San Clemente	5	5	0	0	5	Not Applicable	3.7	177.6	64,014
City of San Diego	21	21	0	0	21	Not Applicable	141.3	3,034.9	2,500,000
Eastern Municipal Water District	25	25	0	0	25	Not Applicable	36	588	253,664
San Diego County Department of Public Works	840	840	0	0	840	Not Applicable	5.5	422	154,716
US Marine Corps Base Camp Pendleton	90,000	1,600	90,000	0	0	San Mateo Creek	39.2	125	80,509

Table 3: January 2020 – Summary of Private Lateral Sewage Discharge Events

Responsible Collection System Agency	Total Volume (Gallons)¹	Total Recovered (Gallons)²	Total Reaching Surface Waters (Gallons)³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land (Gallons)⁴	Surface Water Body Affected⁵	Population in Service Area⁶	Number of Lateral Connections
City of Chula Vista	540	540	0	540	Not Applicable	265,070	49,532
City of Chula Vista	150	130	20	130	Not Reported	265,070	49,532
City of Coronado	36	36	0	36	Not Applicable	10,000	24,697
City of Coronado	50	50	0	50	Not Applicable	10,000	24,697
City of El Cajon	20	20	0	20	Not Applicable	103,894	16,950
City of Imperial Beach	40	40	0	40	Not Applicable	26,337	10,909
City of Imperial Beach	30	30	0	30	Not Applicable	26,337	10,909

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

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

³ 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.

⁴ 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.

⁵ Agencies are only required to note the surface water body affected if the discharge reaches or has the potential to reach a surface water. If the discharge did not reach a surface water and does not have a potential to reach surface water (i.e., a discharge to land or a discharge to a separate storm drain that is fully recovered) the surface water body affected is listed as “Not Applicable.” If the discharge was to a surface water body or to a separate storm drain and was not fully recovered, and the surface water body was not reported, the surface water body affected is listed as “Not Reported.”

⁶ As reported in the Collection System Questionnaire required under Order No. 2006-0003-DWQ.

Responsible Collection System Agency	Total Volume (Gallons)¹	Total Recovered (Gallons)²	Total Reaching Surface Waters (Gallons)³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land (Gallons)⁴	Surface Water Body Affected⁵	Population in Service Area⁶	Number of Lateral Connections
City of Imperial Beach	50	50	0	50	Not Applicable	26,337	10,909
City of Imperial Beach	50	50	0	50	Not Applicable	26,337	10,909
City of Laguna Beach	10	10	0	10	Not Applicable	18,000	6,650
City of National City	200	200	0	200	Not Applicable	8,000	58,967
City of Oceanside	500	350	150	350	Buena Vista Creek	42,040	175,464
City of Oceanside	200	100	100	100	Oceanside Harbor	42,040	175,464
City of San Diego	6	6	0	6	Not Applicable	2,500,000	264,998
City of San Diego	57	57	0	57	Not Applicable	2,500,000	264,998
City of San Diego	94	94	0	94	Not Applicable	2,500,000	264,998
City of San Diego	45	45	0	45	Not Applicable	2,500,000	264,998
City of San Diego	87	87	0	87	Not Applicable	2,500,000	264,998
City of San Diego	138	138	0	138	Not Applicable	2,500,000	264,998
City of Vista	105	90	0	105	Not Applicable	90,000	16,803
City of Vista	10	10	0	10	Not Applicable	90,000	16,803
Padre Dam Municipal Water District	76	20	56	20	Not Reported	15,451	69,957
South Coast Water District	160	160	0	160	Not Applicable	14,762	42,000
South Coast Water District	50	50	0	50	Not Applicable	14,762	42,000

Responsible Collection System Agency	Total Volume (Gallons) ¹	Total Recovered (Gallons) ²	Total Reaching Surface Waters (Gallons) ³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land (Gallons) ⁴	Surface Water Body Affected ⁵	Population in Service Area ⁶	Number of Lateral Connections
Ramona Municipal Water District	10	5	0	10	Not Applicable	15,000	3,799

Table 4: February 2020 – Summary of Private Lateral Sewage Discharge Events

Responsible Collection System Agency	Total Volume (Gallons)¹	Total Recovered (Gallons)²	Total Reaching Surface Waters (Gallons)³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land (Gallons)⁴	Surface Water Body Affected⁵	Population in Service Area⁶	Number of Lateral Connections
City of Coronado	60	60	0	60	Not Applicable	10,000	24,697
City of Escondido	50	0	0	50	Not Applicable	148,000	27,010
City of Escondido	5	5	0	5	Not Applicable	148,000	27,010
City of Imperial Beach	30	30	0	30	Not Applicable	26,337	10,909
City of Imperial Beach	15	15	0	15	Not Applicable	26,337	10,909
City of San Diego	111	97	14	97	Not Reported	2,500,000	264,998
City of San Diego	21	21	0	21	Not Applicable	2,500,000	264,998

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

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

³ 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.

⁴ 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.

⁵ Agencies are only required to note the surface water body affected if the discharge reaches or has the potential to reach a surface water. If the discharge did not reach a surface water and does not have a potential to reach surface water (i.e., a discharge to land or a discharge to a separate storm drain that is fully recovered) the surface water body affected is listed as “Not Applicable.” If the discharge was to a surface water body or to a separate storm drain and was not fully recovered, and the surface water body was not reported, the surface water body affected is listed as “Not Reported.”

⁶ As reported in the Collection System Questionnaire required under Order No. 2006-0003-DWQ.

Responsible Collection System Agency	Total Volume (Gallons)¹	Total Recovered (Gallons)²	Total Reaching Surface Waters (Gallons)³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land (Gallons)⁴	Surface Water Body Affected⁵	Population in Service Area⁶	Number of Lateral Connections
City of San Diego	75	75	0	75	Not Applicable	2,500,000	264,998
City of Vista	10	10	0	10	Not Applicable	90,000	16,803
Fallbrook Public Utility District	520	400	0	520	Not Applicable	23,000	4,692
Fallbrook Public Utility District	50	50	0	50	Not Applicable	23,000	4,692
Padre Dam Municipal Water District	2,001	2001	0	2,001	Not Applicable	15,451	69,957
South Coast Water District	180	180	0	180	Not Applicable	14,762	42,000

Table 5: January and February 2020 – Summary of Sewage Discharges by Source

Spill Type	Month/Year	Number of Spills	Total Volume (Gallons) ¹	Total Recovered (Gallons) ²	Total Reaching Surface Waters (Gallons) ³	Total Reaching Separate Storm Drain & Recovered and/or Discharged to Land (Gallons) ⁴
Public Spills	January 2020	13	5,408	3,098	60	5,348
Public Spills	February 2020	8	7,061	1,266	5,150	1,911
Federal Spills	January 2020	0	0	0	0	0
Federal Spills	February 2020	1	90,000	1,600	90,000	0
Private Spills	January 2020	25	2,714	2,368	326	2,388
Private Spills	February 2020	13	3,128	2,944	14	3,114
All Spills	January 2020	38	8,122	5,466	386	7,736
All Spills	February 2020	22	100,189	5,810	95,164	5,025

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

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

³ 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.

⁴ 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.

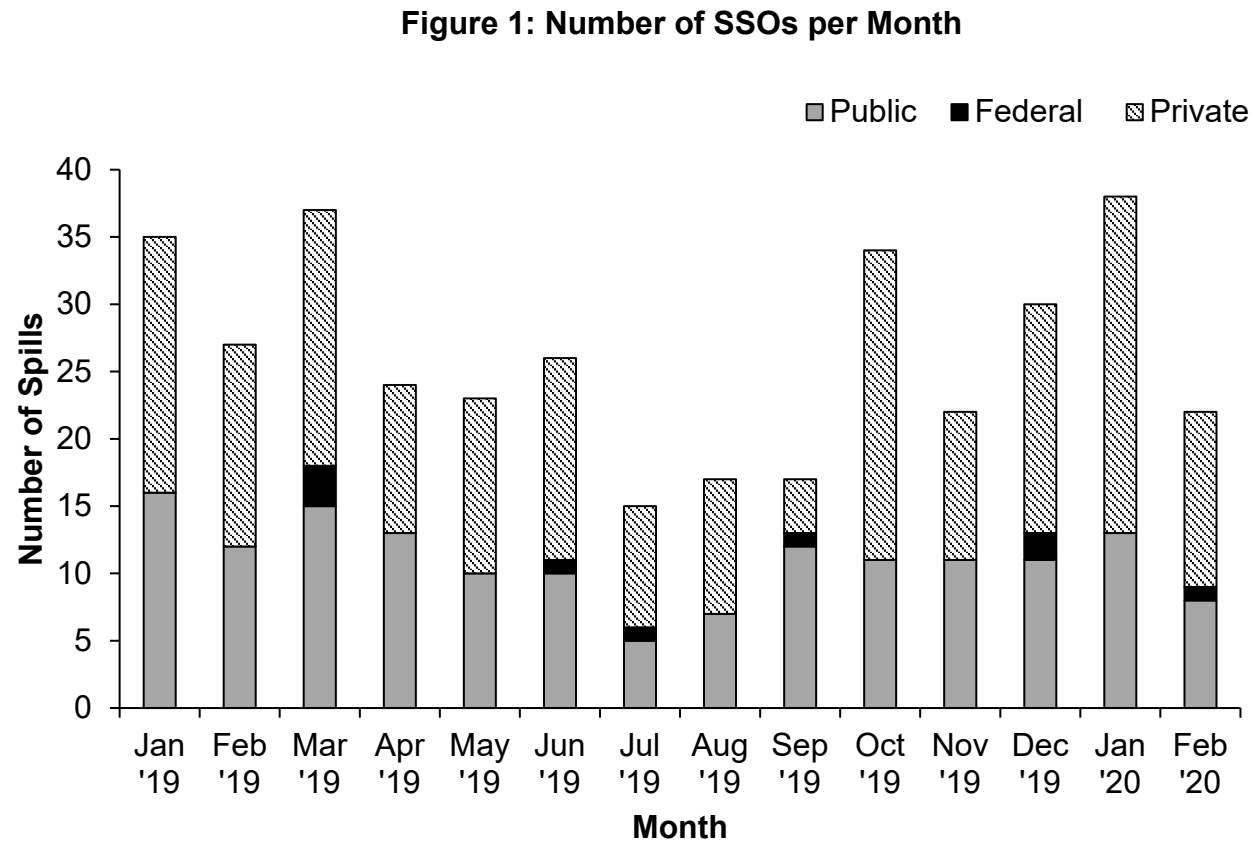


Figure 1: The number of public, federal, and private sanitary sewer overflows (SSOs) per month from January 2019 to February 2020.

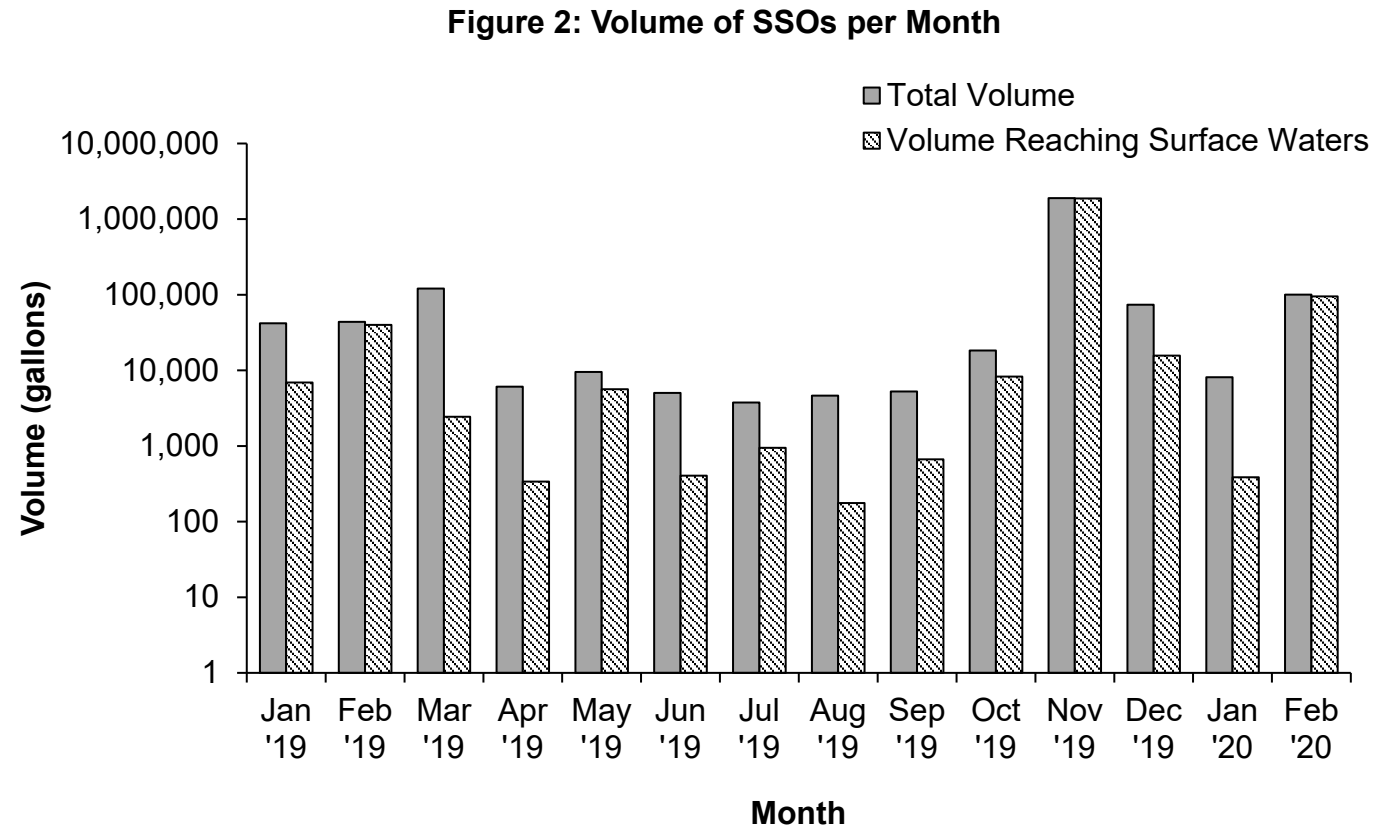


Figure 2: The volume of public, federal, and private sanitary sewer overflows (SSOs) per month from January 2019 to February 2020. Note the logarithmic scale on the vertical axis showing the wide variation in SSO volumes.

Table 6: January and February 2020 – Summary of Transboundary Flows from Mexico by Event¹

Location	Date(s) of Transboundary Flow	Weather Condition ²	Total Volume (Gallons)	Total Recovered (Gallons)	Total Reaching Surface Waters (Gallons)	Additional Details
Tijuana River	12/29/19 to 1/9/20	Dry	1,036,007,958	0	1,036,007,958	USIBWC reported that the cause of the transboundary flow was due to rainfall in the Tijuana Basin.
Tijuana River	1/13/20 to 1/21/20	Dry	453,803,450	0	453,803,450	USIBWC reported that the cause of the transboundary flow was due to rainfall in the Tijuana Basin.
Tijuana River	1/24/20 to 2/9/20	Dry	862,993,241	0	862,993,241	USIBWC reported that the cause of the transboundary flow was due to rainfall in the Tijuana Basin.
Tijuana River	2/13/2020 to 2/22/2020	Dry	433,381,602	0	433,381,602	USIBWC reported that the cause of the transboundary flow was due to rainfall in the Tijuana Basin.
Tijuana River	2/25/2020 to 3/1/2020	Dry	147,746,364	0	147,746,364	USIBWC reported that the cause of the transboundary flow was due to rainfall in the Tijuana Basin.

¹ Transboundary flow volumes are obtained from self-monitoring reports submitted by USIBWC under Order No. R9-2014-0009.

² Order No. R9-2014-0009 requires monthly reporting of all dry weather transboundary flows defined as the preceding 72 hours have been without precipitation greater than 0.1 inch, based on the Goat Canyon Pump Station rain gauge. Wet weather transboundary flows are not required to be reported and information is provided voluntarily.

Table 7: January and February 2020 - Summary of Transboundary Flows from Mexico by Weather Condition

Weather Condition¹	Month/Year	Total Volume (Gallons)	Total Recovered (Gallons)	Total Reaching Surface Waters (Gallons)
Dry Weather	January 2020 ²	2,352,804,649	0	2,352,804,649
Wet Weather	January 2020	Not Reported	Not Reported	Not Reported
Dry Weather	February 2020 ³	581,127,966	0	581,127,966
Wet Weather	February 2020	Not Reported	Not Reported	Not Reported

¹ Order No. R9-2014-0009 requires monthly reporting of all dry weather transboundary flows. Wet weather transboundary flows are not required to be reported. All wet weather transboundary flow information is provided voluntarily.

² The volumes reported for January 2020 include transboundary flows that occurred from December 29, 2019 through February 9, 2020

³ The volumes reported for February 2020 include transboundary flows that occurred from February 13, 2020 through March 1, 2020