



**Orange County Sanitation District**  
**LEGISLATIVE AND PUBLIC AFFAIRS COMMITTEE**  
**Regular Meeting Agenda**  
**Monday, September 9, 2019 - 12:00 PM**  
**Board Room**  
**Administration Building**  
**10844 Ellis Avenue**  
**Fountain Valley, CA 92708**  
**(714) 593-7433**

**ACCOMMODATIONS FOR THE DISABLED:** Meeting Rooms are wheelchair accessible. If you require any special disability related accommodations, please contact the Orange County Sanitation District Clerk of the Board's office at (714) 593-7433 at least 72 hours prior to the scheduled meeting. Requests must specify the nature of the disability and the type of accommodation requested.

**AGENDA POSTING:** In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted outside the main gate of the Sanitation District's Administration Building located at 10844 Ellis Avenue, Fountain Valley, California, and on the Sanitation District's website at [www.ocsd.com](http://www.ocsd.com) not less than 72 hours prior to the meeting date and time above. All public records relating to each agenda item, including any public records distributed less than 72 hours prior to the meeting to all, or a majority of the Board of Directors, are available for public inspection in the office of the Clerk of the Board.

**AGENDA DESCRIPTION:** The agenda provides a brief general description of each item of business to be considered or discussed. The recommended action does not indicate what action will be taken. The Board of Directors may take any action which is deemed appropriate.

**MEETING AUDIO:** An audio recording of this meeting is available within 24 hours after adjournment of the meeting. Please contact the Clerk of the Board's office at (714) 593-7433 to request the audio file.

**NOTICE TO DIRECTORS:** To place items on the agenda for a Committee or Board Meeting, the item must be submitted in writing to the Clerk of the Board: Kelly A. Lore, MMC, (714) 593-7433 / [klore@ocsd.com](mailto:klore@ocsd.com) at least 14 days before the meeting.

**FOR ANY QUESTIONS ON THE AGENDA, BOARD MEMBERS MAY CONTACT STAFF AT:**

General Manager: Jim Herberg, [jherberg@ocsd.com](mailto:jherberg@ocsd.com) / (714) 593-7300  
Asst. General Manager: Lorenzo Tyner, [lttyner@ocsd.com](mailto:lttyner@ocsd.com) / (714) 593-7550  
Asst. General Manager: Rob Thompson, [rthompson@ocsd.com](mailto:rthompson@ocsd.com) / (714) 593-7310  
Director of Human Resources: Celia Chandler, [cchandler@ocsd.com](mailto:cchandler@ocsd.com) / (714) 593-7202  
Director of Engineering: Kathy Millea, [kmillea@ocsd.com](mailto:kmillea@ocsd.com) / (714) 593-7365  
Director of Environmental Services: Lan Wiborg, [lwiborg@ocsd.com](mailto:lwiborg@ocsd.com) / (714) 593-7450

**CALL TO ORDER**

**PLEDGE OF ALLEGIANCE**

**DECLARATION OF QUORUM:**

**PUBLIC COMMENTS:**

*If you wish to address the Board of Directors on any item, please complete a Speaker's Form (located at the table outside of the Board Room) and submit it to the Clerk of the Board or notify the Clerk of the Board the item number on which you wish to speak. Speakers will be recognized by the Chairperson and are requested to limit comments to three minutes.*

**REPORTS:**

*The Board Chairperson and the General Manager may present verbal reports on miscellaneous matters of general interest to the Directors. These reports are for information only and require no action by the Directors.*

**CONSENT CALENDAR:**

*Consent Calendar Items are considered to be routine and will be enacted, by the Board of Directors, after one motion, without discussion. Any items withdrawn from the Consent Calendar for separate discussion will be considered in the regular order of business.*

**1. APPROVAL OF MINUTES**

**[2019-546](#)**

**RECOMMENDATION:**

Approve Minutes of the Regular Meeting of the Legislative and Public Affairs Committee held July 8, 2019.

**Originator:** Kelly Lore

**Attachments:** [Agenda Report](#)  
[07-08-2019 LaPA Minutes](#)

**NON-CONSENT:**

**2. LEGISLATIVE AFFAIRS UPDATE FOR THE MONTHS OF JULY AND AUGUST 2019**

**[2019-480](#)**

**RECOMMENDATION:** Recommend to the Board of Directors to:

Receive and file the Legislative Affairs Update for the months of July and August 2019.

**Originator:** Jim Herberg

**Attachments:** [Agenda Report](#)  
[Federal Update - ENS Resources](#)  
[Federal Legislative Matrix - ENS Resources](#)  
[State Update - Townsend Public Affairs](#)  
[Legislative Matrix - Townsend Public Affairs](#)  
[Grant Matrix](#)

**3. PUBLIC AFFAIRS UPDATE FOR THE MONTHS OF JULY AND [2019-469](#)  
AUGUST 2019**

**RECOMMENDATION:** Recommend to the Board of Directors to:

Receive and file the Public Affairs Update for the months of July and August 2019.

**Originator:** Jim Herberg

**Attachments:** [Agenda Report](#)  
[Outreach Report July-August 2019](#)  
[Media Clips July-August 2019](#)

**INFORMATION ITEMS:**

None.

**DEPARTMENT HEAD REPORTS:**

**CLOSED SESSION:**

None.

**OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA  
ITEMS, IF ANY:**

**BOARD OF DIRECTORS INITIATED ITEMS FOR A FUTURE MEETING:**

At this time Board members may request staff to place an item on a future agenda.

**ADJOURNMENT:**

The next Legislative and Public Affairs Committee meeting is scheduled for Monday, October 14, 2019 at 3:30 p.m.



## Orange County Sanitation District

Administration Building  
10844 Ellis Avenue  
Fountain Valley, CA 92708  
(714) 593-7433

### LEGISLATIVE AND PUBLIC AFFAIRS COMMITTEE

#### Agenda Report

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**File #:** 2019-546

**Agenda Date:** 9/9/2019

**Agenda Item No:** 1.

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**FROM:** James D. Herberg, General Manager  
Originator: Kelly A. Lore, Clerk of the Board

**SUBJECT:**

APPROVAL OF MINUTES

**GENERAL MANAGER'S RECOMMENDATION**

RECOMMENDATION:

Approve Minutes of the Regular Meeting of the Legislative and Public Affairs Committee held July 8, 2019.

**BACKGROUND**

In accordance with the Board of Directors Rules of Procedure, an accurate record of each meeting will be provided to the Directors for subsequent approval at the following meeting.

**RELEVANT STANDARDS**

- Resolution No. OCSD 18-12

**ATTACHMENT**

*The following attachment(s) are included in hard copy and may also be viewed on-line at the OCSD website ([www.ocsd.com](http://www.ocsd.com)) with the complete agenda package:*

- Minutes of the Legislative and Public Affairs Committee meeting held July 8, 2019

# **MINUTES OF THE LEGISLATIVE AND PUBLIC AFFAIRS COMMITTEE**

**Orange County Sanitation District  
Monday, July 8, 2019 at 3:30 p.m.**

A meeting of the Legislative and Public Affairs Committee was called to order by Committee Chair Peter Kim on Monday, July 8, 2019 at 3:31 p.m. in the Administration Building of the Orange County Sanitation District. Chair Kim led the pledge of allegiance. A quorum was declared present, as follows:

## **COMMITTEE MEMBERS PRESENT:**

Peter Kim, Chair  
Allan Bernstein, Vice-Chair  
Lucille Kring, Member-At-Large  
Erik Peterson, Member-At-Large  
Christina Shea, Member-At-Large  
David Shawver, Board Chair  
John Withers, Board Vice-Chair

## **COMMITTEE MEMBERS ABSENT:**

## **STAFF PRESENT:**

Jim Herberg, General Manager  
Robert Thompson, Assistant General Manager  
Lorenzo Tyner, Assistant General Manager  
Celia Chandler, Director of Human Resources  
Kathy Millea, Director of Engineering  
Lan Wiborg, Director of Environmental Services  
Kelly Lore, Clerk of the Board  
Tanya Chong  
Daisy Covarrubias  
Lisa Frigo  
Rebecca Long  
Joshua Martinez  
Kelly Newell

## **OTHERS PRESENT:**

Brad Hogin, General Counsel  
David French, ENS Resources (via  
teleconference)  
Eric O'Donnell, Townsend Public Affairs (TPA)  
Cori Williams, Townsend Public Affairs (TPA)

## **PUBLIC COMMENTS:**

None.

## **REPORT OF COMMITTEE CHAIR:**

Chair Kim thanked ENS Resources and OCSD staff for organizing the recent trip to Washington DC.

## **REPORT OF GENERAL MANAGER:**

None.

## **CONSENT CALENDAR:**

### **1. APPROVAL OF MINUTES (Clerk of the Board)**

**MOVED, SECONDED, and DULY CARRIED TO:** Approve minutes for the Committee meeting held on June 10, 2019.

<b>AYES:</b>	Bernstein, Kim, Kring, Peterson, Shawver, Shea, and Withers
<b>NOES:</b>	None
<b>ABSTENTIONS:</b>	None
<b>ABSENT:</b>	None

## **NON-CONSENT:**

### **2. LEGISLATIVE AFFAIRS UPDATE FOR THE MONTH OF JUNE 2019** (Jim Herberg)

David French, ENS Resources, provided a PowerPoint presentation and a brief overview of the federal monthly report which included: infrastructure House reauthorization, permit term legislation H.R. 1764, and PFAS/PFOA National Defense Authorization Act update.

In response to a question from Board Chairman Shawver, Mr. French responded that many environmental groups are the reason for opposition to HR. 1764 in regard to the 10-year permit term. Mr. Herberg also mentioned that OCSD met with the EPA during the recent DC visit and has submitted a letter to the EPA with comments and observations on the EPA's "Discussion Framework for Development of Draft Water Reuse Action Plan."

Eric O'Donnell, TPA, provided a PowerPoint presentation that included: information on the current legislative schedule and deadlines; FY 2019-2020 budget; water tax update; safe drinking water proposal; SB 200 (Monning) – drinking water; cap and trade expenditure plan; and 2019 legislation. In response to a question from Director Kring, Mr. O'Donnell also briefly discussed the lack of legislation regarding water storage.

Committee Chair Kim deemed the Legislative Affairs Update for the month of June 2019 received and filed.

### **3. PUBLIC AFFAIRS UPDATE FOR THE MONTH OF JUNE 2019** (Jim Herberg)

Rebecca Long, Senior Public Affairs Specialist, reminded the Committee of the upcoming Centrifuge Ribbon Cutting VIP event and the Open House on July 27 and announced a save the date for the State of the District on October 25. Ms. Long then provided a brief update on the application for the WIIN grant and reviewed outreach efforts made and meetings attended over the last month.

Director Kring thanked OCSD staff for their outreach efforts at the City of Anaheim's recent OC Green Expo.

Committee Chair Kim deemed the Public Affairs Update for the month of June 2019 received and filed.

**INFORMATION ITEMS:**

None.

**OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA ITEMS, IF ANY:**

None.

**BOARD OF DIRECTORS INITIATED ITEMS FOR A FUTURE MEETING:**

None.

**ADJOURNMENT:**

Committee Chair Kim declared the meeting adjourned at 3:57 p.m. to the next Legislative and Public Affairs Committee meeting, Monday, September 9, 2019 at 12:00 p.m.

Submitted by:

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Kelly A. Lore, MMC  
Clerk of the Board



## Orange County Sanitation District

Administration Building  
10844 Ellis Avenue  
Fountain Valley, CA 92708  
(714) 593-7433

### LEGISLATIVE AND PUBLIC AFFAIRS COMMITTEE

#### Agenda Report

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**File #:** 2019-480

**Agenda Date:** 9/9/2019

**Agenda Item No:** 2.

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**FROM:** James D. Herberg, General Manager

**SUBJECT:**

LEGISLATIVE AFFAIRS UPDATE FOR THE MONTHS OF JULY AND AUGUST 2019

**GENERAL MANAGER'S RECOMMENDATION**

**RECOMMENDATION:** Recommend to the Board of Directors to:

Receive and file the Legislative Affairs Update for the months of July and August 2019.

**BACKGROUND**

The Orange County Sanitation District's (Sanitation District) legislative affairs program includes advocating the Sanitation District's legislative interests, sponsoring legislation (where appropriate), and seeking Local, State, and Federal funding for projects and programs.

Staff will provide an update on recent legislative and grant activities.

**RELEVANT STANDARDS**

- Maintain influential legislative advocacy and a public outreach program
- Build brand, trust, and support with policy makers and community leaders
- Maintain collaborative and cooperative relationships with regulators, stakeholders, and neighboring communities

**PROBLEM**

Without a strong advocacy program, elected officials may not be aware that the Sanitation District is more than a wastewater treatment plant - treating and sending water to the ocean.

The Sanitation District is an environmentally engaged organization which recycles more than 50 percent of its wastewater. Additionally, to help meet the goal of 100 percent recycling, the Sanitation District uses the byproducts from the wastewater treatment process to produce biosolids to fertilize crops and energy used to help power the two plants in Fountain Valley and Huntington Beach.

**PROPOSED SOLUTION**

Continue to work with Local, State, and Federal officials to advocate the Sanitation District's



legislative interests. Help to create/monitor legislation and grants that would benefit the Sanitation District, the wastewater industry, and the community as a whole. To assist in our relationship building activities, we will continue to reach out to our elected officials providing facility tours, one-on-one meetings, and trips to D.C. and Sacramento.

### **TIMING CONCERNS**

N/A

### **RAMIFICATIONS OF NOT TAKING ACTION**

If we do not work with Local, State, and Federal elected officials, legislation could be passed that negatively affects the Sanitation District and the wastewater industry as a whole. Additionally, this could affect our chances of receiving grant funding.

### **ADDITIONAL INFORMATION**

Save the Date: The Sanitation District's State of the District will be held on Friday, October 25 from 8 a.m. to 10 a.m. at Mile Square Golf Course in Fountain Valley. The event will host Local, State, and Federal dignitaries and provide an update on the Sanitation District, agency accomplishments, and the future direction of the agency. The Save the Date will be sent next month.

### **CEQA**

N/A

### **FINANCIAL CONSIDERATIONS**

N/A

### **ATTACHMENT**

*The following attachment(s) are included in hard copy and may also be viewed on-line at the OCSD website ([www.ocsd.com](http://www.ocsd.com)) with the complete agenda package:*

- Federal Update - ENS Resources
- Federal Legislative Matrix - ENS Resources
- State Update - Townsend Public Affairs
- State Legislative Matrix - Townsend Public Affairs
- Grant Matrix



## MEMORANDUM

TO: Rebecca Long  
FROM: Eric Sapirstein  
DATE: August 19, 2019  
SUBJECT: Washington Update

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Congress remained in recess for the past month and, as a result, minimal formal legislative work transpired. However, congressional staff did continue discussions on finding common ground on key legislation that is considered important for passage in the remaining months of the session that concludes in mid-December. The following provides an update of issues of interest to OCSD.

### ***Fiscal Year 2020 Spending Decisions to be Finalized in Coming Months***

The budget agreement reached prior to the August recess put in place the path forward to complete final spending bills for the coming fiscal year 2020 that begins on October 1. According to the Senate Committee on Appropriations leadership, the goal is to package spending bills into “mini-buses” similar to the House-passed spending bills. Assuming that this approach is successful, it is conceivable that final agreements on some of the twelve annual spending bills could be achieved by the end of September. However, it is more likely that the limited time in September to finalize spending bills could require a short-term stopgap spending bill to continue governmental operations through October. Regardless of this situation, it appears increasingly likely that the Senate will agree with the House funding levels for water infrastructure spending programs, paving the way for adequate funding of the Clean Water State Revolving Fund (SRF), Water Infrastructure Finance and Innovation Act (WIFIA) and other water quality programs.

***Regulation and Remediation of PFAS/PFOA***

The ongoing focus in Congress to develop a process to address the monitoring and cleanup of Per- and Polyfluoroalkyl Substances – (PFAS/PFOA) sites and discharges remains in play. The House and Senate committees with jurisdiction over clean water and drinking water laws continue to work on the development of compromise language that could lead to a national drinking water standard for PFAS/PFOA chemicals, along with monitoring requirements. A key issue of discussion involves efforts by the House to require the designation of PFAS/PFOA chemicals as hazardous waste under Superfund. This mandate, if enacted into law, could subject agencies that discharge effluent with the chemicals or whose biosolids have traces of the chemicals to be subject to management standards for hazardous waste disposal and/or liability for subsequent cleanups. Additionally, provisions that would require US Environmental Protection Agency (USEPA) to issue guidance on the management and disposal of biosolids and other materials that might be contaminated with the chemicals is also under review. Because the White House has issued a veto threat on the legislation (National Defense Authorization Act) that includes the PFAS/PFOA provisions, it remains unclear whether a final bill will actually contain these objectionable provisions.

***Clean Water SRF Infrastructure Bill Slated for Mark-Up***

Efforts in the House Committee on Transportation & Infrastructure to mark-up H.R. 1497 that would renew the clean water SRF program at \$15 billion over five years appear to be nearing a decision to proceed with votes. According to congressional staff, a mid-September mark-up is anticipated. Within this bill, we expect that the legislation will also address funding of green infrastructure, disadvantaged community assistance, workforce assistance, and affordability mandates. Currently, staff continue to discuss options to address the authority to issue National Pollutant Discharge Elimination System (NPDES) permit terms for a period of up to ten years.

OCSD  
Federal  
Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
Federal Legislation 2019 - 2020					
Priority					
H.R. 1162	Rep. Grace Napolitano (D-CA)	<b>Water Recycling Investment and Improvement Act.</b> Establishes a grant program for the funding of water recycling and reuse projects, and for other purposes.	House - 6/13/19 Subcommittees Hearings held	Watch	CASA SUPPORTS
H.R. 1497	Rep. Peter DeFazio (D-OR)	<b>Water Quality Protection and Job Creation Act of 2019.</b> Provides nearly \$23.5 billion in direct infrastructure investment over the next five years to address wastewater infrastructure and local water quality challenges. This bill allocates \$20 billion in grants for the Clean Water State Revolving Fund.	House - 03/06/2019 Referred to the Subcommittee on Water Resources and Environment	Watch	CASA SUPPORTS
H.R. 535	Rep. Debbie Dingell (D-MI)	<b>To require the Administrator of the Environmental Protection Agency to shall designate per- and polyfluoroalkyl substances as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980.</b>	House - 2/7/19 Referred tp Subcommittee on Railroads, Pipelines, and Hazardous Materials	Watch	NYC
H.R. 876	Rep. Peter DeFazio (D-OR)	<b>Pacific Northwest Earthquake Preparedness Act of 2019.</b> Requires the FEMA to develop a plan for the purchase and installation of an earthquake early warning system for the Cascadia Subduction Zone. The term "Cascadia Subduction Zone"	House - 2/6/19 Passed House by voice vote, received in Senate and referred to Committee on Homeland Security and Governmental Affairs	Watch	NYC
H.R. 667	Rep. Jaime Herrera Beutler (R-WA)	<b>Regulatory Certainty for Navigable Waters Act.</b> Repeals the Waters of the United States rule and amend the Federal Water Pollution Control Act definition of navigable waters, and for other purposes.	House - 2/7/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC

OCSD  
Federal  
Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
<b>S. 403</b>	Sen. Sheldon Whitehouse (D-RI)	<b>A bill to encourage the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.</b>	Senate - 2/7/19 Referred to Committee on Environment and Public Works	Watch	NYC
<b>H.R. 977</b>	Rep. Brian Mast (R-FL)	<b>To require the Corps of Engineers to notify affected communities before releasing water contaminated with cyanobacteria from flood risk management projects, and for other purposes.</b>	House - 2/7/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
<b>H.R. 892</b>	Rep. Duncan Hunter (R-CA)	<b>To amend the Federal Water Pollution Control Act to limit attorney fees and penalties in citizen suits, and for other purposes.</b>	House - 2/7/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
<b>H.R. 358</b>	Rep. Juan Vargas (D-CA)	<b>California New River Restoration Act of 2019.</b> Requires the USEPA to establish a California New River restoration program for the New River. USEPA must (1) implement projects, plans, and initiatives for the New River supported by the California-Mexico Border Relations Council; and (2) provide grants and technical assistance for coordinating restoration and protection activities.	House - 2/7/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
<b>S. 376</b>	Sen. Rand Paul (R-KY)	<b>A bill to amend the Federal Water Pollution Control Act to clarify the definition of navigable waters, and for other purposes.</b>	Senate - 2/7/19 Referred to Committee on Environment and Public Works	Watch	NYC
<b>H.R. 658</b>	Rep. Rosa DeLauro	<b>National Infrastructure Development Bank Act.</b> Facilitates efficient investments and financing of infrastructure projects and new job creation through the establishment of a National Infrastructure Development Bank, and for other purposes.	House - 2/7/19 Referred to Subcommittee on Economic Development, Public Buildings, and Emergency Management	Watch	NYC

OCSD  
Federal  
Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
H.R. 1137	Rep. John Garamendi (D-CA)	<b>To amend the Water Resources Development Act of 1986 to repeal the authority relating to reprogramming during national emergencies.</b>	House - 2/12/19 Referred to the Subcommittee on Water Resources and Environment	Watch	NYC
H.R. 1317	Rep. Harley Rouda (D-CA)	<b>Coastal Communities Adaption Act.</b> Improves the resilience of the built and natural environment to natural disasters and climate change using, among other measures, natural and nature-based features, and for other purposes.	House - 3/6/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
S. 638	Sen. Tom Carper (D-DE)	<b>A bill to require the Administrator of the Environmental Protection Agency to designate per- and polyfluoroalkyl substances as hazardous substances under the Comprehensive Environmental Response, Compensation, Liability Act of 1980, and for other purposes.</b>	Senate - 2/28/19 Referred to Committee on Environment and Public Works	Watch	NYC
S. 611	Sen. Bernie Sanders (I-VT)	<b>A bill to provide adequate funding for water and sewer infrastructure, and for other purposes.</b>	Senate - 2/28/19 Referred to Committee on Environment and Public Works	Watch	NYC
H.R. 1331	Rep. Angie Craig (D-MN)	<b>To amend the Federal Water Pollution Control Act to reauthorize certain programs relating to nonpoint source management, and for other purposes.</b>	House - 4/9/19 Passed House 329-56. Received in Senate, referred to Committee on Environment and Public Works	Watch	NYC
H.R. 1764	Rep. John Garamendi (D-CA)	<b>To amend the Federal Water Pollution Control Act with respect to permitting terms, and for other purposes.</b>	House - 3/15/19 Referred to Subcommittee on Water Resources and Environment	Watch	CASA, NACWA, ACWA - Support

OCSD  
Federal  
Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
<b>S. 950</b>	Sen. Debbie Stabenow (D-MI)	<b>PFAS Detection Act of 2019.</b> Requires the Director of the United States Geological Survey to perform a nationwide survey of perfluorinated compounds, and for other purposes.	Senate - 3/28/19 Referred to Committee on Environment and Public Works	Watch	NYC
<b>S. 933</b>	Sen. Sheldon Whitehouse (D-RI)	<b>BLUE GLOBE Act.</b> Improves data collection and monitoring of the Great Lakes, oceans, bays, estuaries, and coasts, and for other purposes.	Senate - 3/28/19 Referred to Committee on Commerce, Science, and Transportation	Watch	NYC
<b>S. 914</b>	Sen. Roger Wicker (R-MS)	<b>Coordinated Ocean Observations and Research Act of 2019.</b> Reauthorizes the Integrated Coastal and Ocean Observation System Act of 2009, to clarify the authority of the Administrator of the National Oceanic and Atmospheric Administration with respect to post-storm assessments, and to require the establishment of a National Water Center, and for other purposes.	Senate - 4/3/19 Referred to Committee on Commerce, Science, and Transportation	Watch	NYC
<b>H.R. 2019</b>	Rep. Jerry McNerney (D-CA)	<b>Smart Energy and Water Efficiency Act of 2019.</b> Provides for a smart water resource management pilot program.	House - 4/9/19 Referred to Committee on Science, Space, and Technology	Watch	NYC
<b>H.R. 1904</b>	Rep. Raul Grijalva (D-CA)	<b>Indian Water Rights Settlement Extension Act.</b> Amends the Omnibus Public Land Management Act of 2009 to make the Reclamation Water Settlements Fund permanent.	House - 4/4/19 Committee on Natural Resources Hearings Held	Watch	NYC
<b>H.R. 2205</b>	Rep. David McKinley (R-WV)	<b>Water Quality Certification Improvement Act of 2019.</b> Amends the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.	House - 4/11/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC

OCSD  
Federal  
Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
H.R. 2189	Rep. Dutch Ruppersberger (D-MD)	<b>Digital Coast Act.</b> Requires the Secretary of Commerce, acting through the Administrator of the National Oceanic and Atmospheric Administration, to establish a constituent-driven program to provide a digital information platform capable of efficiently integrating coastal data with decision-support tools, training, and best practices and to support collection of priority coastal geospatial data to inform and improve local, State, regional, and Federal capacities to manage the coastal region, and for other purposes.	House - 5/8/19 Subcommittees hearings held	Watch	NYC
S. 1069	Sen. Tammy Baldwin (D-WI)	<b>A bill to require the Secretary of Commerce, acting through the Administrator of the National Oceanic and Atmospheric Administration, to establish a constituent-driven program to provide a digital information platform capable of efficiently integrating coastal data with decision-support tools, training, and best practices and to support collection of priority coastal geospatial data to inform and improve local, State, regional, and Federal capacities to manage the coastal region, and for other purposes.</b>	Senate - 4/9/19 Referred to Committee on Commerce, Science, and Transportation	Watch	NYC
S. 1087	Sen. John Barrasso (R-WY)	<b>A bill to amend the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.</b>	Senate - 4/9/19 Referred to Committee on Environment and Public Works	Watch	NYC
H.R. 2473	Rep. Josh Harder (D-CA)	<b>S.A.V.E. Water Resources Act.</b> Promotes water supply reliability and improved water management for rural communities, the State of California, and the Nation, and for other purposes.	House - 6/13/19 Subcommittees Hearings held	Watch	NYC
S. 1251	Sen. Jeanne Shaheen (D-NH)	<b>Safe Drinking Water Assistance Act of 2019.</b> Improves and coordinate interagency Federal actions and provide assistance to States for responding to public health challenges posed by emerging contaminants, and for other purposes.	Senate - 4/30/19 Referred to Committee on Environment and Public Works	Watch	NYC



OCSD  
Federal  
Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
H.R. 2458	Rep. Debbie Mucarsel-Powell (D-FL)	<b>WISE Act.</b> Amends the Federal Water Pollution Control Act to require a certain percentage of funds appropriated for revolving fund capitalization grants be used for green projects, and for other purposes.	House - 5/1/19 Referred to Subcommittee of Water Resources and Environment	Watch	NYC
H.R. 2377	Rep. Brendan Boyle (D-PA)	<b>Protect Drinking Water from PFAS Act of 2019.</b> Requires the Environmental Protection Agency (EPA) to address the level of perfluoroalkyl and polyfluoroalkyl substances (PFAS) in drinking water. Specifically, the EPA must publish a maximum contaminant level goal and promulgate a national primary drinking water regulation for total PFAS. PFAS are man-made chemicals that may lead to adverse human health effects.	House - 4/29/19 Referred to Committee on Energy and Commerce	Watch	NYC
H.R. 2533	Rep. Frank Pallone (D-NJ)	<b>To assist community water systems affected by PFAS contamination, and for other purposes.</b>	House - 5/7/19 Referred to Committee on Energy and Commerce	Watch	NYC
H.R. 2566	Rep. Darren Soto (D-FL)	<b>To require the Administrator of the Environmental Protection Agency to revise the Safer Choice Standard to provide for a Safer Choice label for pots, pans, and cooking utensils that do not contain PFAS, and for other purposes.</b>	House - 5/7/19 Referred to Committee on Energy and Commerce	Watch	NYC
H.R. 2577	Rep. Antonio Delgado (D-NY)	<b>PFAS Right-To-Know Act.</b> Amends the Emergency Planning and Community Right-To-Know Act of 1986 to include per- and polyfluoroalkyl substances on the Toxics Release Inventory, and for other purposes.	House - 5/8/19 Referred to Committee on Energy and Commerce	Watch	NYC
S. 1372	Sen. Debbie Stabenow (D-MI)	<b>A bill to encourage Federal agencies to expeditiously enter into or amend cooperative agreements with States for removal and remedial actions to address PFAS contamination in drinking, surface, and ground water and land surface and subsurface strata, and for other purposes.</b>	Senate - 5/8/19 Referred to Committee on Environment and Public Works	Watch	NYC

OCSD  
Federal  
Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
<b>H.R. 2740</b>	Rep. Rosa De Lauro (D-CT)	<b>Labor, Health and Human Services, Education, Defense, State, Foreign Operations, and Energy and Water Development Appropriations Act, 2020.</b> Making appropriations for energy and water development and related agencies for the fiscal year ending September 30, 2020, and for other purposes.	House - 6/19/19 Passed House 226-203	Watch	NYC
<b>H.R. 3055</b>	Rep. Jose Serrano (D-NY)	<b>Commerce, Justice, Science, Agriculture, Rural Development, Food and Drug Administration, Military Construction, Veterans Affairs, Transportation, and House and Urban Development Appropriations Act, 2020.</b> Making appropriations for the Department of the Interior, environment, and related agencies for the fiscal year ending September 30, 2020, and for other purposes.	House - 6/25/19 Passed House 227-194	Watch	NYC
<b>H.R. 2705</b>	Rep. Earl Blumenauer (D-OR)	<b>To establish a Water Infrastructure Trust Fund, and for other purposes.</b>	House - 5/15/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
<b>H.R. 2755</b>	Rep. Brendan Boyle (D-PA)	<b>To standardize and extend certain Buy America Provisions.</b>	House - 5/16/19 Referred to Subcommittee on Aviation	Watch	NYC
<b>S. 1473</b>	Sen. Kristen Gillibrand (D-NY)	<b>Protect Drinking Water from PFAS Act of 2019.</b> A bill to amend the Safe Drinking Water Act to require the Administrator of the Environmental Protection Agency to set maximum contaminant levels for certain chemicals, and for other purposes.	House - 5/15/19 Referred to Committee on Environment and Public Works	Watch	NYC
<b>S. 1535</b>	Sen. Mark Warner (D-VA)	<b>Reinventing Economic Partnerships and Infrastructure Redevelopment Act.</b> A bill to facilitate efficient investments and financing of infrastructure projects and new, long-term job creation through the establishment of an Infrastructure Financing Authority, and for other purposes.	Senate - 5/16/19 Referred to Committee on Finance	Watch	NYC

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BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
<b>H.R. 2776</b>	Rep. Lori Trahan (D-MA)	<b>Stop Sewage Overflow Act.</b> To make certain municipalities eligible for grants under the Federal Water Pollution Control Act, and for other purposes.	House - 5/16/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
<b>H.R. 2800</b>	Rep. Elissa Slotkin (D-MI)	<b>PFAS Monitoring Act of 2019.</b> To amend the Safe Drinking Water Act to require continued and expanded monitoring of perfluoroalkyl and polyfluoroalkyl substances in drinking water, and for other purposes.	House - 5/16/19 Referred to Committee on Energy and Commerce	Watch	NYC
<b>S. 1507</b>	Sen. Shelley Moore Capito (D-WV)	<b>A bill to include certain perfluoroalkyl and polyfluoroalkyl substances in the toxics release inventory, and for other purposes.</b>	Senate - 6/27/19 Passed as an amendment to National Defense Authorization Act (S. 1790)	Watch	NYC
<b>S. 1613</b>	Sen. Ed Markey (D-MA)	<b>Contaminant and Lead Electronic Accounting and Reporting Requirements for (CLEAR) Drinking Water Act of 2019.</b> Amends the Safe Drinking Water Act to update and modernize the reporting requirements for contaminants, including lead, in drinking water, and for other purposes.	Senate - 5/22/19 Referred to Committee on Environment and Public Works	Watch	NYC
<b>S. 1570</b>	Sen. James Risch (R-ID)	<b>Aquifer Recharge Flexibility Act.</b> Provides flexibility to allow greater aquifer recharge, and for other purposes.	Senate - 7/18/19 Subcommittee Hearings Held	Watch	NYC
<b>H.R. 2871</b>	Rep. Russ Fulcher (R-ID)	<b>Aquifer Recharge Flexibility Act.</b> Provides flexibility to allow greater aquifer recharge, and for other purposes.	House - 5/21/19 Referred to Committee on Natural Resources	Watch	NYC
<b>S. 1604</b>	Sen. Amy Klobuchar (D-MN)	<b>Local Water Protection Act.</b> Amends the Federal Water Pollution Control Act to reauthorize certain programs relating to nonpoint source management, and for other purposes.	Senate - 5/22/19 Referred to Committee on Environment and Public Works	Watch	NYC

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BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
<b>S. 1730</b>	Sen. Kamala Harris (D-CA)	<b>Living Shorelines Act of 2019.</b> Directs the Administrator of the National Oceanic and Atmospheric Administration to make grants to State and local governments and nongovernmental organizations for purposes of carrying out climate-resilient living shoreline projects that protect coastal communities by supporting ecosystem functions and habitats with the use of natural materials and systems, and for other purposes.	Senate - 6/5/19 Referred to Committee on Commerce, Science and Transportation	Watch	NYC
<b>H.R. 3115</b>	Rep. Frank Pallone (D-NJ)	<b>To direct the Administrator of the National Oceanic and Atmospheric Administration to make grants to State and local governments and nongovernmental organizations for purposes of carrying out climate-resilient living shoreline projects that protect coastal communities by supporting ecosystem functions and habitats with the use of natural materials and systems, and for other purposes.</b>	House - 7/25/19 Subcommittee Hearings held	Watch	NYC
<b>H.R. 3226</b>	Rep. Andy Kim (D-NJ)	<b>Safe Water for Military Families Act.</b> Directs the Secretary of Defense to prohibit the use of firefighting foam containing perfluoroalkyl or polyfluoroalkyl substances, and for other purposes.	House - 6/12/19 Referred to Committee on Armed Services	Watch	NYC
<b>S. 1837</b>	Sen. Kristen Gillibrand (D-NY)	<b>A bill to require the Administrator of the Environmental Protection Agency to establish a discretionary grant program for drinking water and wastewater infrastructure projects, and for other purposes.</b>	Senate - 6/13/19 Referred to Committee on Environment and Public Works	Watch	NYC
<b>H.R. 3254</b>	Rep. Antonio Delgado (D-NY)	<b>To require the Administrator of the Environmental Protection Agency to establish a discretionary grant program for drinking water and wastewater infrastructure projects, and for other purposes.</b>	House - 6/14/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
<b>H.R. 3521</b>	Rep. Greg Stanton (D-AZ)	<b>Wastewater Infrastructure Workforce Investment Act.</b> To amend the Federal Water Pollution Control Act with respect to wastewater infrastructure workforce development, and for other purposes.	House - 6/27/19 Referred to the Subcommittee on Water Resources and Environment	Watch	NYC

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BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
<b>S. 2086</b>	Sen. Tammy Duckworth (D-IL)	<b>National Opportunity for Lead Exposure Accountability and Deterrence Act of 2019.</b> To amend the Safe Drinking Water Act to improve transparency under the national primary drinking water regulations for lead and copper, and for other purposes.	Senate - 7/11/19 Referred to Committee on Environment and Public Works	Watch	NYC
<b>S. 1932</b>	Sen. Cory Gardner (R-CO)	<b>Drought Resiliency and Water Supply Infrastructure Act.</b> To support water infrastructure in Reclamation States, and for other purposes.	Senate - 7/18/19 Subcommittee Hearings Held	Watch	CASA, NACWA, NWRA, ACWA - support
<b>H.R. 3510</b>	Rep. Josh Harder (D-CA)	<b>Water Resources Research Amendments Act.</b> To amend the Water Resources Research Act of 1984 to reauthorize grants for and require applied water supply research regarding the water resources research and technology institutes established under that Act.	House - 7/25/19 Subcommittee on Water, Oceans, and Wildlife held	Watch	NYC
<b>H.R. 3723</b>	Rep. Mike Levin (D-CA)	<b>Desalination Development Act.</b> To promote desalination project development and drought resilience, and for other purposes.	House - 7/25/19 Subcommittee on Water, Oceans, and Wildlife held	Watch	NYC
<b>H.R. 3677</b>	Rep. Dan Kildee (D-MI)	<b>National Opportunity for Lead Exposure Accountability and Deterrence Act of 2017.</b> To amend the Safe Drinking Water Act to improve transparency under the national primary drinking water regulations for lead and copper, and for other purposes.	House - 7/10/19 Referred to Committee on Energy and Commerce	Watch	NYC
<b>H.R. 3919</b>	Rep. Seth Moulton (D-MA)	<b>Creating Opportunity And Sustainability Through Science Act.</b> To require research in coastal sustainability and resilience, to ensure that the Federal Government continues to implement and advance coastal resiliency efforts, and for other purposes.	House - 7/23/19 Referred to Committees on Natural Resources and Science, Space, and Technology	Watch	NYC
<b>S. 2236</b>	Sen. Cory Booker (D-NJ)	<b>Environmental Justice Act of 2019.</b> To require Federal agencies to address environmental justice, to require consideration of cumulative impacts in certain permitting decisions, and for other purposes.	Senate - 7/23/19 Referred to Committee and Public Works	Watch	NYC

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BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
S. XXXX	Sen. Kamala Harris (D-CA)	To provide supplemental appropriations for safe and secure water, and for other purposes.	Senate - 7/26/19 Referred to Committee on Environment and Public Works	Watch	NYC
H.R. 4033	Rep. Dan Kildee (D-MI)	To provide supplemental appropriations for safe and secure water, and for other purposes.	House - 7/26/19 Referred to Committees on Energy and Commerce, Budget, Ways and Means, Natural Resources, Agriculture, and Transportation and Infrastructure	Watch	NYC

OCSD  
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Bills of Interest

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	OTHER POSITIONS
H.R. 3944	Rep. Kevin Hern (R-OK)	To amend the Water Resources Reform and Development Act of 2014 to modify the procedure for communicating certain emergency risks, and for other purposes.	House - 7/26/19 Referred to Subcommittee on Water Resources and Environment	Watch	NYC
H.R. 3923	Rep. Raul Ruiz (D-CA)	<b>Environmental Justice Act of 2019.</b> To require Federal agencies to address environmental justice, to require consideration of cumulative impacts in certain permitting decisions, and for other purposes.	House - 8/15/19 Referred to Subcommittee on the Constitution, Civil Rights, and Civil Liberties	Watch	NYC
Legend: ACC-OC- Association of California Cities, Orange County LOCC- League of California Cities NYC- Not Yet Considered CASA- California Association of Sanitation Agencies NACWA - National Association of Clean Water Agencies ACWA- Association of California Water Agencies CSDA- California Special Districts Association					

**To: Orange County Sanitation District**  
**From: Townsend Public Affairs, Inc.**  
**Date: August 19, 2019**  
**Subject: Legislative and Public Affairs Agenda Report**

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### **State Political Update**

In Sacramento, the Legislature has been very active since their return from summer recess on August 12. All bills that failed to pass the house in which they were introduced are now two-year bills and will be eligible for consideration in January 2020. Over 1,900 bills are still being considered by their respective second houses, and must be passed by September 13, the last day of session. Following that deadline, the Legislature will adjourn for interim recess and the Governor will have until October 13 to sign to veto all legislation.

The Legislature will reconvene on January 6 for the second year of the two-year session.

### **Fiscal Year 2019-2020 State Budget**

On the evening of June 27, Governor Newsom approved AB 74, the authorizing State Budget legislation for FY 2019-20. The Budget totals a record \$214.8 billion and includes many of the Governor's priorities, such as healthcare for undocumented immigrants between the ages of 19-25, homelessness funding, and some of the highest education funding levels ever. The Budget package also assumes an estimated \$19.4 billion in reserves, including \$16.5 billion in the Proposition 2 mandated "rainy day fund", continuing the tradition of saving money in anticipation of an economic downturn.

Below is a summary of key highlights in the FY 2019-20 State Budget:

#### ***Safe & Affordable Drinking Water***

- Authorized a \$130 million per year continuous appropriation to provide communities with the resources to deliver clean drinking water, funded from a long-term commitment of Greenhouse Gas Reduction Funds through Cap and Trade revenues.



### *Natural Resources*

- Appropriated \$1 billion across multiple departments to continue development and implementation of Proposition 68 bond programs;
- Provided \$45 million in one-time funding for multiple agencies including the Department of Parks and Recreation, the Department of Forestry and Fire Protection, the California Conservation Corps, and the California Tahoe Conservancy to address their most critical deferred maintenance needs;
- Included \$92 million to implement multi-benefit flood improvement projects;
- Approved trailer bill language to extend the sunset of the Habitat Conservation Fund competitive grant program by 10 years, to January 1, 2030.

### *Transportation*

- Appropriated an additional \$2 billion for Road Maintenance and Rehabilitation Account (RMRA) for local and capital funding programs under SB 1.

### *Cap and Trade*

- Invested \$1.4 billion in discretionary Greenhouse Gas Reduction Funds (GGRF) in 2019-20.
- Specifically, the Cap and Trade expenditure plan included the following spending programs and activities:
  - \$245 million for implementation of AB 617 (Garcia, 2018) - Community Air Protection & Local Programs to Reduce Air Pollution;
  - \$238 million for the Clean Vehicle Rebate Project;
  - \$182 million for clean trucks, buses, and off-road freight equipment including the Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project and advanced technology freight demonstration and pilot commercial deployment projects;
  - \$165 million for Healthy & Resilient Forests to reduce the risk of wildfire;
  - \$100 million for safe drinking water programs;
  - \$60 million for the Transformative Climate Communities program;
  - \$30 million for the Urban Greening Program.



### *Housing & Homelessness*

- \$500 million in one-time funds for housing related infrastructure to help boost needed construction;
- \$500 million in one-time funds for a mixed income loan program through CalHFA;
- \$500 million in one-time funds to expand the Low-Income Housing Tax Credit;
- \$250 million for planning grants to help local jurisdictions work through the Regional Housing Needs Assessment;
- \$1 million for the development of permanent supportive housing through the Orange County Housing Finance Trust;
- \$650 million in one-time funds to help local jurisdictions address the homelessness crisis.

### *Other Items*

- The Budget also provided tens of millions of dollars more for 2020 Census outreach, extending California's historic investment to help ensure a complete count;
- Included over \$300 million for disaster preparedness, including communications infrastructure, and new funding to help communities affected by disasters;
- Authorized up to \$15 million for cannabis equity programs to prevent illegal operations;
- The Budget also temporarily suspends the sales tax on diapers and menstrual products.
- Included \$20 million for the Southern California Veterans Cemetery Master Development Fund

### Safe Drinking Water Proposals

On July 24, the Governor signed SB 200 (Monning), which creates the Safe and Affordable Drinking Water Fund, providing the legal structure and process for funding safe drinking water solutions for disadvantaged communities in California that currently do not have that access.

The passage of SB 200 follows the June 27 enactment of the 2019-'20 State Budget, which sets forth the first part of the funding solution. The State Budget provides \$130 million for Fiscal Year 2019-'20 for safe drinking water solutions in disadvantaged communities that do not have access to safe drinking water.

In the first year, \$100 million of the funding will come from the Greenhouse Gas Reduction Fund (GGRF) and \$30 million from the General Fund. After the first year, SB 200 will provide that the funding will be 5% of the GGRF continuously appropriated – capped at \$130 million per year. The agreement includes General Fund funding as a backstop if 5% of the GGRF is less than \$130 million in any year. The funding will sunset in 2030.

OCSD Legislative Plan: Tactic - Support tax reform that protects public agencies.

### 2020 Proposed Water Bond

AB 352 (E. Garcia) was gut and amended on August 14 to be the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020. This legislation would establish a \$3.92 billion bond that will provide funding for drought, water, parks, climate, and coastal protection. The bond would be placed on the ballot for approval by the voters at the November 3, 2020 statewide general election.

The current bond language includes \$925 million for water resources.

- \$275 million of that total amount shall be used for safe drinking water project, grants and loans to assist with septic system upgrades or consolidation of septic systems in order to address water quality contamination in disadvantaged communities, projects that implement countywide drought and water shortage contingency plans, sustainable groundwater management projects, recharge projects and projects that improve water data collection, monitoring and management.
- \$100 million of the total amount shall be available for groundwater sustainability projects that provide wildlife habitat support
- \$300 million shall be available for the restoration of rivers, lakes and streams
- \$150 million for flood management projects
- \$100 million for recycled water projects

OCSD Legislative Plan: Grant Funding - Support legislation, bonds, programs and projects that provide funding for: infrastructure construction and rehabilitation, special studies and research or projects relating to security, environmental education, water quality, wastewater processing, urban runoff, wastewater recycling, biosolids and organics management, water quality improvement, resource recovery, or alternative energy.

## Perfluoroalkyl Substances and Polyfluoroalkyl Substances (PFAS)

The State Water Resources Control Board will have new, expansive authority to order public water systems to monitor for per- and polyfluoroalkyl substances (PFAS) under a new law, AB 756 (C. Garcia) that Governor Gavin Newsom signed on July 31, 2019.

AB 756 marks the California Legislature and Governor Newsom's first action related to PFAS. AB 756 adds a section to the California Health and Safety Code that authorizes the State Water Resources Control Board to order a public water system to monitor for PFAS in accordance with conditions set by the Board. If any monitoring undertaken pursuant to such State Water Board order results in a confirmed PFAS detection, the water system must report that detection in its annual consumer confidence report. Further, where detected levels of PFAS exceed the 70 ppt response level, the water system must take the water source out of use or provide public notification within 30 days of the confirmed detection. The public notification procedures set forth a variety of requirements for providing sufficient public notice, including requiring community water systems to provide notice by mail and e-mail to each water system customer.

AB 756 is likely only the beginning of the California Legislature's swell of bills aimed at regulating PFAS. Once the results of the State Water Board's ordered investigations into PFAS in drinking water and groundwater are in, it is likely that the California Legislature, Governor Newsom and various state regulatory agencies will continue to increase their focus on PFAS in California with new laws and regulations. Regardless, water systems will have a short time to plan for compliance with AB 756, as the law becomes effective on January 1, 2020.

OCSD Legislative Plan: Source Control - Support legislation and funding mechanisms that reduce the amount of trash, waste, chemicals, and harmful organic material that enter the sewer system.

### Additional Priority Legislation

*AB 1184 (Gloria) – Public records: writing transmitted by electronic mail: retention.*

Would, unless a longer retention period is required by statute or regulation, require a public agency for purposes of the California Public Records Act to retain and preserve for at least 2 years every writing containing information relating to the conduct of the public's business prepared, owned, or used by any public agency that is transmitted by electronic mail. **AB 1184 Is in the Senate Appropriations Suspense File.**

OCSD Legislative Plan: Special Districts - Oppose further state regulations that adversely impact special district financing, operations, and administration.



*SB 1 (Atkins) – California Environmental, Public Health, and Workers Defense Act of 2019*

SB 1 seeks to freeze federal Clean Air Act, Clean Water Act, Safe Drinking Water Act, Endangered Species Act, Fair Labor Standards Act, Occupational Safety and Health Act and Coal Mine Health and Safety Act requirements to those in place as of January 19, 2017. SB 1 refers to federal requirements existing as of this date, as “baseline federal standards.” SB 1 is intended to “ensure continued protections for the environment, natural resources, and public health and safety” in California, even if the noted federal laws are “undermined, amended or repealed” by making the baseline environmental standards the new floor for environmental and worker protections in California. **SB 1 will be heard in the Assembly Appropriations Committee on August 21.**

OCSD Legislative Plan: Public Health - Protection of public health is OCSD’s core mission. OCSD will work cooperatively with county and state health officers to assure local health protection.

*SB 210 (Leyva) – Heavy-Duty Vehicle Inspection and Maintenance Program*

SB 210 directs the Air Resources Board (ARB) to work in coordination with multiple state agencies in order to develop and implement a Heavy-Duty Inspection and Maintenance Program for non-gasoline, heavy-duty, on-road trucks. Specifically, SB 210 would develop a pilot program to measure and enforce new regulations on heavy duty on-road trucks and then require ARB to adopt a full program within two years after the pilot program ends. **SB 210 is currently in the Assembly Appropriations Committee and will be heard on August 21.**

**OCSD Legislative Plan: Air Quality** - Support measures that maintain and enhance local decision-making authority, where appropriate, in the development and implementation of air quality attainment strategies

*SB 667 (Hueso) – Greenhouse gases: recycling infrastructure and facilities.*

SB 667 would require CalRecycle in coordination with the Treasurer to develop financial incentive mechanisms, including, but not limited to, loans and incentive payments, to fund organic waste diversion and recycling infrastructure. This bill also requires CalRecycle to develop and amend a 5-year investment strategy to drive innovation and support technological development and infrastructure. **SB 667 is currently in the Assembly Appropriations Committee and will be heard on August 21.**

OCSD Legislative Plan: Biosolids and Biogas - Support the promotion and funding of local pilot programs, studies, and research for the beneficial use of biosolids.

**OCSD  
State  
Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
Proposed Legislation 2019-2020						
High Priority						
AB 11	Chiu [D]	<b>Community Redevelopment Law of 2019</b> Current law dissolved redevelopment agencies as of February 1, 2012, and designates successor agencies to act as successor entities to the dissolved redevelopment agencies. This bill, the Community Redevelopment Law of 2019, would authorize a city or county, or two or more cities acting jointly, to propose the formation of an affordable housing and infrastructure agency by adoption of a resolution of intention that meets specified requirements, including that the resolution of intention include a passthrough provision and an override passthrough provision, as defined.	Failed to pass the Assembly Appropriations Committee and is now a two-year bill	Watch	<b>State Priorities:</b> Continue to monitor the state budget process and actively protect the allocation of local property taxes to special districts.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Oppose unless amended
AB 68	Ting [D]	<b>Land use: accessory dwelling units.</b> The Planning and Zoning Law authorizes a local agency to provide, by ordinance, for the creation of accessory dwelling units in single-family and multifamily residential zones and sets forth required ordinance standards, including, among others, lot coverage. This bill would delete the provision authorizing the imposition of standards on lot coverage and would prohibit an ordinance from imposing requirements on minimum lot size.	Currently in the Senate Appropriations Suspense File	Watch	<b>Legislative and Regulatory Policies: Special Districts -</b> Oppose further state regulations that adversely impact special district financing, operations, and administration.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Watch
AB 69	Ting [D]	<b>Land use: accessory dwelling units.</b> Current law requires the Department of Housing and Community Development to propose building standards to the California Building Standards Commission, and to adopt, amend, or repeal rules and regulations governing, among other things, apartment houses and dwellings, as specified. This bill would require the department to propose small home building standards governing accessory dwelling units smaller than 800 square feet, junior accessory dwelling units, and detached dwelling units smaller than 800 square feet, as specified, and to submit the small home building standards to the California Building Standards Commission for adoption on or before January 1, 2021.	Currently in the Senate Appropriations Suspense File	Watch	<b>Legislative and Regulatory Policies: Special Districts -</b> Oppose further state regulations that adversely impact special district financing, operations, and administration.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Watch
AB 134	Bloom [D]	<b>Safe Drinking Water Restoration</b> Would require the State Water Resources Control Board to report to the Legislature by July 1, 2025, on its progress in restoring safe drinking water to all California communities and to create an internet website that provides data transparency for all of the board's activities described in this measure. The bill would require the board to develop metrics to measure the efficacy of the fund in ensuring safe and affordable drinking water for all Californians.	Two Year Bill	Watch	<b>State Priorities:</b> Support legislation or regulations that restrict the use of microplastics in any product that is disposed of through the sewer system.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Watch



**OCSD  
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Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
AB 223	Stone [D]	<b>California Safe Drinking Water Act: microplastics</b> The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law requires the state board, on or before July 1, 2020, to adopt a definition of microplastics in drinking water and, on or before July 1, 2021, to adopt a standard methodology to be used in the testing of drinking water for microplastics and requirements for 4 years of testing and reporting of microplastics in drinking water, including public disclosure of those results. This bill would require the state board, to the extent possible, and where feasible and cost effective, to work with the State Department of Public Health in complying with those requirements.	Two Year Bill	Watch	<b>State Priorities:</b> Support legislation or regulations that restrict the use of microplastics in any product that is disposed of through the sewer system.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Watch
AB 231	Mathis [R]	<b>California Environmental Quality Act: exemption: recycled water.</b> Would exempt from CEQA a project to construct or expand a recycled water pipeline for the purpose of mitigating drought conditions for which a state of emergency was proclaimed by the Governor if the project meets specified criteria. Because a lead agency would be required to determine if a project qualifies for this exemption, this bill would impose a state-mandated local program. The bill would also exempt from CEQA the development and approval of building standards by state agencies for recycled water systems.	Two Year Bill	Watch	<b>State Priorities:</b> Support efforts to reform the California Environmental Quality Act (CEQA) to streamline current procedures and regulations for projects to refurbish or replace existing infrastructure facilities.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Support
AB 291	Chu	<b>Emergency preparedness</b> Would establish a Local Emergency Preparedness and Hazard Mitigation Fund to support staffing, planning, and other emergency mitigation priorities to help local governments meet emergency management, preparedness, readiness, and resilience goals. The bill would, upon appropriation by the Legislature, require the Controller to transfer \$500,000,000 to the fund. The bill would require the Office of Emergency Services to establish the Local Emergency Preparedness and Hazard Mitigation Fund Committee under the Standardized Emergency Management System Advisory Board.	Two Year Bill	Watch	<b>State Priorities:</b> Secure funding through grants and legislation for infrastructure, collection improvements and alternative renewable energy at the Fountain Valley, Plant No. 1 and Huntington Beach, Plant No. 2.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Watch
AB 292	Quirk [D]	<b>Recycled water: raw water and groundwater augmentation</b> Current law requires the State Water Resources Control Board, on or before December 31, 2023, to adopt uniform water recycling criteria for direct potable reuse through raw water augmentation, as specified. This bill would eliminate the definition of “direct potable reuse” and instead would substitute the term “groundwater augmentation” for “indirect potable reuse for groundwater recharge” in these definitions. The bill would require, on or before December 31, 2023, the state board to adopt uniform water recycling criteria for raw water augmentation.	Currently on Assembly Floor	Watch	<b>Legislative and Regulatory Policies: Water Quality and Supply</b> - Support measures that promote and provide for the use of reclaimed water	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Support

**OCSD  
State  
Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
AB 352	E. Garcia [D]	<b>Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020.</b> Would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$3,920,000,000 pursuant to the State General Obligation Bond Law to finance a wildlife prevention, safe drinking water, drought preparation, and flood protection program. The bill would provide for the submission of these provisions to the voters at the November 3, 2020, statewide general election.	Gut and Amend. Currently in Senate Environmental Quality Committee	Watch	<b>Legislative and Regulatory Policies: Grant Funding</b> - Support legislation, bonds, programs and projects that provide funding for: infrastructure construction and rehabilitation, special studies and research or projects relating to security, environmental education, water quality, wastewater processing, urban runoff, wastewater recycling, biosolids and organics management, water quality improvement, resource recovery, or alternative energy.	
AB 405	Rubio [D]	<b>Sales and use taxes: exemption: water treatment.</b> Would exempt from Sales and Use Tax the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, chemicals used to treat water, recycled water, or wastewater regardless of whether those chemicals or other agents become a component part thereof and regardless of whether the treatment takes place before or after the delivery to consumers.	Two Year Bill	Watch	<b>Guiding Principles:</b> Seek funds for OCSD projects through grants, appropriations, or other means;□	ACCOC - NYC LOCC - Watch CASA - Support ACWA - NYC CSDA - Support
AB 510	Cooley [D]	<b>Local government records: destruction of records.</b> Current law authorizes the head of a department of a county or city, or the head of a special district to destroy recordings of telephone and radio communications maintained by that county, city, or special district after 100 days if that person receives approval from the legislative body and the written consent of the agency attorney. This bill would exempt the head of a department of a county or city, or the head of a special district from these recording retention requirements if the county, city, or special district adopts a records retention policy governing recordings of routine video monitoring and recordings of telephone and radio communications.	Two Year Bill	Watch	<b>Legislative and Regulatory Policies: Security</b> - Support legislation that would create efficiencies around the retention policy of surveillance video for innocuous recordings.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Sponsor



**OCSD  
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Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
AB 587	Friedman [D]	<b>Accessory dwelling units: sale or separate conveyance</b> Current property tax law establishes a welfare exemption under which property is exempt from taxation if the property is owned and operated by a nonprofit corporation that is organized and operated for the purpose of building and rehabilitating single-family or multifamily residences for sale, as provided, at cost to low-income families. This bill would authorize a local agency to allow, by ordinance, an accessory dwelling unit that was created pursuant to the process described above to be sold or conveyed separately from the primary residence to a qualified buyer if certain conditions are met.	Currently on Senate Floor	Watch	<b>Legislative and Regulatory Policies: Special Districts -</b> Oppose further state regulations that adversely impact special district financing, operations, and administration.	ACCOC - NYC LOCC - Watch CASA - Work w/ author ACWA - NYC CSDA - Watch
AB 756	Garcia [D]	<b>Public water systems: perfluoroalkyl substances and polyfluoroalkyl substances</b> Would authorize the State Water Resources Control Board to order a public water system to monitor for perfluoroalkyl substances and polyfluoroalkyl substances. The bill would require a community water system or a nontransient noncommunity water system, upon a detection of these substances, to report that detection, as specified. The bill would require a community water system or a nontransient noncommunity water system where a detected level of these substances exceeds the response level to take a water source where the detected levels exceed the response level out of use or provide a prescribed public notification.	Signed into law on July 31.	Watch	<b>Legislative and Regulatory Policies: Source Control -</b> Support legislation and funding mechanisms that reduce the amount of trash, waste, chemicals, and harmful organic material that enter the sewer system.	ACCOC - NYC LOCC - Watch CASA - Watch ACWA - Watch CSDA - Watch
AB 841	Ting [D]	<b>Drinking water: contaminants: perfluoroalkyl and polyfluoroalkyl substances.</b> Would require the Office of Environmental Health Hazard Assessment to adopt and complete a work plan within prescribed timeframes to assess which substances in the class of perfluoroalkyl and polyfluoroalkyl substances should be identified as a potential risk to human health, as provided. The bill would require the office, as part of those assessments, to determine which of the substances are appropriate candidates for notification levels to be adopted by the state board. The bill would require the Office of Environmental Health Hazard Assessment, by January 1, 2022, to provide to the Legislature an update on the assessment.	Two Year Bill	Watch	<b>Legislative and Regulatory Policies: Source Control -</b> Support legislation and funding mechanisms that reduce the amount of trash, waste, chemicals, and harmful organic material that enter the sewer system.	ACCOC - NYC LOCC - Watch CASA - Watch ACWA - Watch CSDA - Watch
AB 992	Mullin [D]	<b>Open meetings: local agencies: social media</b> Would provide that the Ralph M. Brown Act does not apply to the posting, commenting, liking, interaction with, or participation in, internet-based social media platforms that are ephemeral, live, or static, by a majority of the members of a legislative body, provided that a majority of the members do not discuss among themselves business of a specific nature that is within the subject matter jurisdiction of the legislative body of the local agency.	Two Year Bill	Watch	<b>Legislative and Regulatory Policies: Special Districts -</b> Oppose further state regulations that adversely impact special district financing, operations, and administration.	ACCOC - NYC LOCC - Watch CASA - Approve ACWA - NYC CSDA - Support

**OCSD  
State  
Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
AB 1080	Gonzalez [D]	<b>California Circular Economy and Plastic Pollution Reduction Act</b> Would establish the California Circular Economy and Plastic Pollution Reduction Act, which would require the Department of Resources Recycling and Recovery, in consultation with the State Water Resources Control Board and the Ocean Protection Council, to adopt, on or before January 1, 2023, regulations to achieve, by 2030, a 75% reduction by manufacturers and retailers of the waste generated from single-use packaging and products offered for sale or sold in the state through source reduction, recycling, or composting.	Currently in the Senate Appropriations Committee and will be heard August 26.	Watch	<b>State Priorities:</b> Support legislation or regulations that restrict the use of microplastics in any product that is disposed of through the sewer system. □	ACCOC - NYC LOCC - Support CASA - NYC ACWA - NYC CSDA - NYC
AB 1180	Friedman [D]	<b>Water: recycled water</b> The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law requires, on or before January 1, 2020, the state board to adopt standards for backflow protection and cross-connection control through the adoption of a policy handbook, as specified. This bill would require that handbook to include provisions for the use of a swivel or changeover device to supply potable water to a dual-plumbed system during an interruption in recycled water service.	Currently in the Senate Appropriations Committee Suspense File	Watch	<b>Legislative and Regulatory Policies: Recycled Water</b> - support measures that promote and provide for the use of reclaimed water.	ACCOC - NYC LOCC - Watch CASA - Support ACWA - NYC CSDA - Support
AB 1184	Gloria [D]	<b>Public records: writing transmitted by electronic mail: retention</b> Would, unless a longer retention period is required by statute or regulation, require a public agency for purposes of the California Public Records Act to retain and preserve for at least 2 years every writing containing information relating to the conduct of the public's business prepared, owned, or used by any public agency that is transmitted by electronic mail.	Currently in the Senate Appropriations Suspense File	Watch	<b>Legislative and Regulatory Policies: Special Districts</b> - Oppose further state regulations that adversely impact special district financing, operations, and administration.	ACCOC - NYC LOCC - Oppose CASA - Watch ACWA - NYC CSDA - Oppose
AB 1588	Gloria [D]	<b>Drinking water and wastewater operator certification programs</b> Current law requires a person who operates a nonexempt wastewater treatment plant to possess a valid, unexpired wastewater certificate or water treatment operator certificate of the appropriate grade. This bill, when applying for certification by the board as a water treatment operator, distribution system operator, or wastewater operator, would require operators of complex industrial facilities, including members of the military and military service veterans, to receive appropriate equivalent experience credit and education credit for work and tasks performed that are directly related to the operation of water or wastewater facilities, as specified.	Currently on Senate Floor	Watch	<b>Legislative and Regulatory Policies: Special Districts</b> - Oppose further state regulations that adversely impact special district financing, operations, and administration.	ACCOC - NYC LOCC - Watch CASA - Support ACWA - NYC CSDA - Support

**OCSD**  
**State**  
**Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
AB 1672	Bloom [D]	<b>Solid waste: flushable products</b> The California Integrated Waste Management Act of 1989, administered by the Department of Resources Recycling and Recovery, generally regulates the disposal, management, and recycling of solid waste. This bill would, among other things, on or after January 1, 2021, prohibit a covered entity, as defined, from labeling a covered product as safe to flush, safe for sewer systems, or safe for septic systems, unless the product is a flushable wipe that meets certain performance standards. The bill would require nonflushable products to be labeled clearly and conspicuously to communicate that they should not be flushed, as specified.	Two Year Bill	Support	<b>Legislative and Regulatory Policies: Source Control</b> - Support legislation that regulates the disposal of flushable wipes.	ACCOC - NYC LOCC - Watch CASA - Sponsor ACWA - Support CSDA - Support
ACA 1	Aguiar-Curry [D]	<b>Local government financing: affordable housing and public infrastructure: voter approval.</b> The California Constitution prohibits the ad valorem tax rate on real property from exceeding 1% of the full cash value of the property, subject to certain exceptions. This measure would create an additional exception to the 1% limit that would authorize a city, county, city and county, or special district to levy an ad valorem tax to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of public infrastructure, affordable housing, or permanent supportive housing, or the acquisition or lease of real property for those purposes, if the proposition proposing that tax is approved by 55% of the voters of the city, county, or city and county, as applicable, and the proposition includes specified accountability requirements.	Currently on the Assembly Floor	Watch	<b>Guiding Principles:</b> Seek funds for OCSD projects through grants, appropriations, or other means;	ACCOC - NYC LOCC - Support CASA - Support ACWA - NYC CSDA - Support
SB 1	Atkins [D]	<b>California Environmental, Public Health, and Workers Defense Act of 2019.</b> This bill seeks to freeze federal Clean Air Act, Clean Water Act, Safe Drinking Water Act, Endangered Species Act, Fair Labor Standards Act, Occupational Safety and Health Act and Coal Mine Health and Safety Act requirements to those in place as of January 19, 2017. SB 1 refers to federal requirements existing as of this date, as “baseline federal standards.” SB 1 is intended to “ensure continued protections for the environment, natural resources, and public health and safety” in California, even if the noted federal laws are “undermined, amended or repealed” by making the baseline environmental standards the new floor for environmental and worker protections in California	Currently in the Assembly Appropriations Committee and will be heard August 21	Watch	<b>Legislative and Regulatory Policies: Public Health:</b> Protection of public health is OCSD’s core mission. OCSD will work cooperatively with county and state health officers to assure local health protection.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - Oppose CSDA - NYC

**OCSD  
State  
Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
SB 5	Beall [D]	<b>Local-State Sustainable Investment Incentive Program</b> Would establish in state government the Affordable Housing and Community Development Investment Program, which would be administered by the Affordable Housing and Community Development Investment Committee. The bill would authorize a city, county, city and county, joint powers agency, enhanced infrastructure financing district, affordable housing authority, community revitalization and investment authority, transit village development district, or a combination of those entities, to apply to the Affordable Housing and Community Development Investment Committee to participate in the program and would authorize the committee to approve or deny plans for projects meeting specific criteria.	Currently in the Assembly Appropriations Committee and will be heard August 21	Watch	<b>State Priorities:</b> Continue to monitor the state budget process and actively protect the allocation of local property taxes to special districts.	ACCOC - NYC LOCC - Support CASA - Watch ACWA - NYC CSDA - Watch
SB 13	Weickowski [D]	<b>Accessory dwelling units</b> Would authorize the creation of accessory dwelling units in areas zoned to allow single-family or multifamily dwelling use. The bill would also revise the requirements for an accessory dwelling unit by providing that the accessory dwelling unit may be attached to, or located within, an attached garage, storage area, or other structure, and that it does not exceed a specified amount of total floor area.	Currently in the Assembly Appropriations Committee and will be heard August 21.	Watch	<b>Legislative and Regulatory Policies: Special Districts -</b> Oppose further state regulations that adversely impact special district financing, operations, and administration.	ACCOC - NYC LOCC - Oppose unless amended CASA - Work w/ author ACWA - NYC CSDA - Oppose
SB 33	Skinner	<b>Solid waste: reduction and recycling.</b> The California Integrated Waste Management Act of 1989, administered by the Department of Resources Recycling and Recovery, generally regulates the disposal, management, and recycling of solid waste. This bill would state the intent of the Legislature to enact legislation that would address the collapse of foreign recycling markets by reducing solid waste generation, encouraging transition to compostable or recyclable materials, and fostering domestic recycling markets.	Currently in the Senate Rules Committee	Watch	<b>Legislative and Regulatory Policies: Biosolids and Biogas</b> - Limit redundant reporting requirements on organics, recyclable material, and solid waste as mandated by AB 901.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Watch

**OCSD  
State  
Bills of Interest**

BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
SB 134	Hertzberg [D]	<b>Water conservation: water loss performance standards: enforcement.</b> Current law requires the State Water Resources Control Board, no earlier than January 1, 2019, and no later than July 1, 2020, to adopt rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. This bill would prohibit the board from issuing an information order, written notice, or conservation order to an urban retail water supplier that does not meet its urban water use objective if the board determines the urban retail water supplier is not meeting its urban water use objective solely because the volume of water loss exceeds the urban retail water supplier's standard for water loss and the board is taking enforcement action against the urban retail water supplier for not meeting the performance standards for the volume of water losses.	Currently on the Assembly Floor	Watch	<b>Legislative and Regulatory Policies: Water Supply -</b> Support legislation and regulation that necessitate the responsible use of water in residential, commercial, and industrial areas	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Support
SB 200		<b>Safe and Affordable Drinking Water Fund.</b> Would establish the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and the long term. The bill would authorize the board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, and bequests and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the board to fund grants, loans, contracts, or services to assist eligible recipients.	Signed into law	Watch	<b>State Tactics:</b> Support tax reform that protects public agencies	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - Watch
SB 210	Leyva [D]	<b>Heavy-Duty Vehicle Inspection and Maintenance Program.</b> Current law requires the State Air Resources Board, in consultation with the Bureau of Automotive Repair and a specified review committee, to adopt regulations requiring owners or operators of heavy-duty diesel motor vehicles to perform regular inspections of their vehicles for excessive emissions of smoke. Current law requires the state board, in consultation with the State Energy Resources Conservation and Development Commission, to adopt regulations requiring heavy-duty diesel motor vehicles to use emission control equipment and alternative fuels. This bill would require the state board, in consultation with the bureau and other specified entities, to implement a pilot program that develops and demonstrates technologies that show potential for readily bringing heavy-duty vehicles into an inspection and maintenance program.	Currently in the Assembly Appropriations Committee and will be heard August 21.	Watch	<b>Legislative and Regulatory Policies: Air Quality -</b> Support measures that maintain and enhance local decision-making authority, where appropriate, in the development and implementation of air quality attainment strategies	ACCOC - NYC LOCC - Watch CASA - Watch ACWA - Watch CSDA - Watch



**OCSD  
State  
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BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
SB 332	Hertzberg [D]	<b>Wastewater treatment: recycled water.</b> Would declare, except in compliance with the bill's provisions, that the discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. The bill would require each wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers to reduce the facility's annual flow as compared to the average annual wastewater discharge baseline volume, as prescribed, by at least 50% on or before January 1, 2030, and by at least 95% on or before January 1, 2040. The bill would subject the owner or operator of a wastewater treatment facility, as well as the affiliated water suppliers, to a civil penalty of \$2,000 per acre-foot of water above the required reduction in overall volume discharge for the failure to meet these deadlines.	Two Year Bill	Watch	<b>State Legislation:</b> Work with legislators who introduced legislation such as SB 163 (Hertzberg, 2015) in order to ensure that no unrealistic regulations are placed on wastewater treatment facilities, including OCSD	ACCOC - NYC LOCC - Oppose CASA - Oppose ACWA - NYC CSDA - Oppose
SB 457	Hueso [D]	<b>Biomethane: gas corporations</b> Under existing law, the Public Utilities Commission has regulatory authority over public utilities, including gas corporations. Existing law authorizes the commission to fix the rates and charges for every public utility and requires that those rates and charges be just and reasonable. Existing law requires the commission to adopt policies and programs that promote the in-state production and distribution of biomethane, as defined, and that facilitate the development of a variety of sources of in-state biomethane. This bill would require the Public Utilities Commission to extend the program until December 31, 2026. This bill contains other related provisions and other existing laws.	Currently on the Assembly Floor	Watch	<b>Legislative and Regulatory Policies: Biosolids and Biogas</b> - Support streamlined legislation, regulations and policies that encourage the procurement of biogas, biosolids, and compost.	ACCOC - NYC LOCC - Watch CASA - Refer to Committee ACWA - NYC CSDA - NYC
SB 667	Hueso [D]	<b>Greenhouse gases: recycling infrastructure and facilities.</b> Would require the Department of Resources Recycling and Recovery to develop, on or before January 1, 2021, and would authorize the department to amend, a 5-year investment strategy to drive innovation and support technological development and infrastructure, in order to meet specified organic waste reduction and recycling targets, as provided. The bill would require, on or before June 1, 2021, the department, in coordination with the Treasurer, to develop financial incentive mechanisms, including, but not limited to, loans and incentive payments, to fund organic waste diversion and recycling infrastructure.	Currently in the Assembly Appropriations Committee and will be heard August 21.	Watch	<b>Legislative and Regulatory Policies: Biosolids and Biogas</b> - Support the promotion and funding of local pilot programs, studies, and research for the beneficial use of biosolids.	ACCOC - NYC LOCC - Support CASA - Support ACWA - NYC CSDA - NYC

**OCSD  
State  
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BILL	AUTHOR	SUMMARY	LATEST ACTION	OCSD POSITION	LEGISLATIVE PLAN	OTHER POSITIONS
<b>SB 732</b>	<b>Allen [D]</b>	<b>Transactions and use tax.</b> Current law establishes the South Coast Air Quality Management District vested with the authority to regulate air emissions from stationary sources located in the South Coast Air Basin and establishes a district board to govern the district. This bill would authorize the south coast district board to impose a transactions and use tax within the boundaries of the south coast district, as specified, with the moneys generated from the transactions and use tax to be used to supplement existing revenues being used for south coast district purposes, as specified.	Two Year Bill	Watch	<b>Legislative and Regulatory Polciies: Air Quality</b> - Support air quality legislations, regulations, rules, and policies that emphasize the use of advanced technologies and promote greater flexibility and financial incentives to reduce air emission.	ACCOC - NYC LOCC - Watch CASA - NYC ACWA - NYC CSDA - No position

**Legend:**

ACC-OC - Association of California Cities, Orange County

LOCC - League of California Cities

NYC - Not Yet Considered

CASA - California Association of Sanitation Agencies

ACWA - Association of California Water Agencies

CSDA - California Special Districts Association

OCSD's Grant and Loan Funding Tracker 2018-2019

Name of Grant/Loan	Synopsis of Grant/Loan	Amount of Grant/Loan	Amount Applying for	Applying Y/N	Project/Program	Reason	Match	Deadline	Category	Rcvd Grant/ Financing Y/N
STATE										
Cap and Trade Funding	\$1.4 billion from the Cap and Trade program (Greenhouse Gas Reduction Fund) was was appropriated in the adopted 2019-2020 budget.	\$25 million - Waste Diversion Projects. Specifics TBD	TBD	TBD	TBD	It is uncertain how much funding will be available for the District's projects, or what the funding will be used for.	TBD	Unknown at this time	Energy/Recycling	TBD
Integrated Regional Water Management (IRWM) Grant Program	The Proposition 1 IRWM Grant Program, administered by DWR, provides funding for projects that help meet the long term water needs of the state, including:  Assisting water infrastructure systems adapt to climate change; Providing incentives throughout each watershed to collaborate in managing the region's water resources and setting regional priorities for water infrastructure	NA	NA	TBD (Round 2)	NA	TPA and OCSD are monitoring the grant program development from the Santa Ana Watershed Project Authority (SAWPA). The solicitation for bids was announced by SAWPA and staff determined that an application for funding was not warranted due to a lack of eligible and competitive projects.	50%	NA. Will return in 2021 for Round 2	Water	No
FEDERAL										
The Water Infrastructure Improvements Act (WIIN)	The Title XVI Water Reclamation and Reuse Projects funding opportunity allows for sponsors of water reclamation and reuse projects that are congressionally authorized or are eligible under section 4009(c) of the WIIN Act to request cost-shared funding for planning, design and/or construction of those Projects. Water reclamation and reuse projects provide improved efficiency, flexibility during water shortages and diversifies the water supply.	Reclamation is making up to \$20 million available for those projects authorized under the WIIN Act and \$34 million for the congressionally authorized Title XVI projects.	\$550,000	Yes	Final Expansion of GWRS Headworks (P2-122)	The Sanitation District is applying for Headworks Segregation project that will help to bring more water to the GWRS.	Title 16 will pay up to 25 percent of the available money	7/27/2018	Water/ Infrastructure	No
The Water Infrastructure Improvements Act (WIIN)	The Title XVI Water Reclamation and Reuse Projects funding opportunity allows for sponsors of water reclamation and reuse projects that are congressionally authorized or are eligible under section 4009(c) of the WIIN Act to request cost-shared funding for planning, design and/or construction of those Projects. Water reclamation and reuse projects provide improved efficiency, flexibility during water shortages and diversifies the water supply.	Reclamation is making up to \$20 million available for those projects authorized under the WIIN Act.	\$3 million	Yes	Final Expansion of GWRS Headworks (P2-122)	The Sanitation District applied for Headworks Segregation project that will help to bring more water to the GWRS.	Title 16 will pay up to 25 percent of the available money	6/28/2019	Water/ Infrastructure	TBD
Stormwater and CSO Grant Program	USEPA is authorized to provide grants assistance of public agencies to control stormwater flows and CSO's	Funding cost-share is not identified in the law	TBD	TBD. We will monitor for possible funding opportunities/A	TBD	Funding must be appropriated as part of current FY 2019 budget impasse	TBD	TBD	Water/ Infrastructure	TBD



OCSD's Grant and Loan Funding Tracker 2018-2019

Name of Grant/Loan	Synopsis of Grant/Loan	Amount of Grant/Loan	Amount Applying for	Applying Y/N	Project/Program	Reason	Match	Deadline	Category	Rcvd Grant/ Financing Y/N
The Department of Energy (DOE), USBR and USEPA	The DOE's Office of Energy Efficiency is likely to continue to be funded by Congress to support such efforts as biogas, biosolids and green energy.	A minimum of \$20 million to as much as \$100 million based upon prior years' budgets. USBR could receive as much as \$130 million in support of the WaterSmart (due to increased funding under WIIN) during the next several years. USBR will issue solicitations for innovative approaches to managing water and water treatment through technology and processes.	TBD	TBD. We will monitor for possible funding opportunities	Project Funding Opportunity: Energy production to reduce costs of recycled water through innovative technologies like Aquacritox, Innovative water monitoring technology that can produce efficient real time monitoring and data analysis, Biogas Management and Use Improvements.	We will review the possible funding opportunity to determine if it is a fit for the Sanitation District.	N/A	TBD	Energy	TBD
Other										
<a href="#">Community Partnering Program Grant</a>	Metropolitan Water District	The primary focus of the Community Partnering Program (CPP) is sponsorship of water conservation and water-use efficiency programs and activities. Applications must be submitted 30 days prior to the start date of the event or program.  Requests for a maximum \$2,000 award will be reviewed year-round and funds are awarded throughout the year. Funds are limited, however, and may be depleted prior to the ending of this fiscal year (June 30).	\$2,000	Yes	For Plant No. 1 Signage	Applied	Match	ongoing	Education	Yes
<a href="#">Mass Timber Competition</a>	CalGovOps	The California Government Operations Agency (GovOps) will award \$500,000 in grants as part of the statewide California Mass Timber Building Competition. Grants will be awarded to selected proponent teams presenting viable and repeatable mass timber solutions for commercial and multi-family projects in California. The competition is being hosted by GovOps and administered by WoodWorks – Wood Products Council.	\$40,000	Yes	Headquarters Building	Applied	No	03/18/19	Environment	Yes



## Orange County Sanitation District

Administration Building  
10844 Ellis Avenue  
Fountain Valley, CA 92708  
(714) 593-7433

### LEGISLATIVE AND PUBLIC AFFAIRS COMMITTEE

#### Agenda Report

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**File #:** 2019-469

**Agenda Date:** 9/9/2019

**Agenda Item No:** 3.

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**FROM:** James D. Herberg, General Manager

**SUBJECT:**

PUBLIC AFFAIRS UPDATE FOR THE MONTHS OF JULY AND AUGUST 2019

**GENERAL MANAGER'S RECOMMENDATION**

RECOMMENDATION: Recommend to the Board of Directors to:

Receive and file the Public Affairs Update for the months of July and August 2019.

**BACKGROUND**

Staff will provide an update on recent public affairs activities.

**RELEVANT STANDARDS**

- Maintain influential legislative advocacy and a public outreach program
- Build brand, trust, and support with policy makers and community leaders
- Maintain collaborative and cooperative relationships with regulators, stakeholders and neighboring communities
- Listen to and seriously consider community input on environmental concerns

**PROBLEM**

Many Californians are not aware of the Orange County Sanitation District (Sanitation District) and the important work we do to keep the environment clean by using the wastewater byproducts to create energy, water recycling, and the use of biosolids.

In general, the community and businesses do not realize that when they improperly dispose of waste into the sanitation system, it can negatively affect the work we do and the quality of water we supply for the Groundwater Replenishment System.

**PROPOSED SOLUTION**

By providing tours, community outreach, education, and general communication via the Sanitation District's website, social media outlets, and mainstream media, we have the ability to educate the community, local agencies, and businesses on the What2Flush program, energy production, water recycling, biosolids, and our source control program. This, in turn, results in a better quality of

wastewater.

## **TIMING CONCERNS**

N/A

## **RAMIFICATIONS OF NOT TAKING ACTION**

If we do not educate the community, local agencies, and the area businesses about the Sanitation District, we lose an opportunity to educate thousands of people about our plants, source control, and the wastewater industry as a whole.

## **PRIOR COMMITTEE/BOARD ACTIONS**

N/A

## **ADDITIONAL INFORMATION**

July/August 2019

Activity	#	# of Guests
OCSD/OCWD Tours	3	71
OCSD Tours	23	406
Speaking Engagements	1	80
Events	2	550

## **Current Activities - July/August 2019**

### 65th Anniversary Open House

The Sanitation District celebrated our 65<sup>th</sup> Anniversary by having an Open House with booths, games, tours, and more. Over 500 people come to the event with 224 people taking tours. We had 170 volunteers that day.

### Ribbon Cutting for the Sanitation District Centrifuge Facility

We celebrated and toured the Sanitation District's centrifuges, with a ribbon cutting the same day as the Open House. We had over 50 people in attendance from legislative staffers, legislative delegates, and the Board of Directors, to name only a few.

### Construction Outreach

The **State College Sewer Construction** project in the City of Anaheim has installed about 50 percent of the pipe thus far. Multiple crews are working along the project alignment to expedite construction and minimize impact to the community. Construction on the northern end of the project started this month. Activity is now taking place just south of the 91 freeway and between Ball Road and Vermont Avenue. Neighborhood Bulletins have been distributed to various areas of the project to keep the community informed of the construction activities and the upcoming schedule.

Earlier this summer, a community survey was distributed to 14,000 residents, businesses, and schools, in the Seal Beach, Los Alamitos, and Rossmoor neighborhoods regarding the upcoming **Los Alamitos Trunk Sewer** project. The purpose of the survey was to gather feedback from the community in regards to work hours and work days. The results were outstanding and were shared with the permitting agencies as a part of the design review. This was a great introduction for the community to learn about the Sanitation District and the upcoming project scheduled to begin in 2020.

In early August, a valve at the **MacArthur Pump Station** in the City of Irvine was replaced. While this is considered routine maintenance, a lot of coordination and planning went into the execution of the work. The pump station is located next to John Wayne Airport and, as such, it is a busy area. The activity required 24/7 traffic control over a weekend, and over 2,000 feet of above ground bypass which always carries a level of risk. The work was completed ahead of schedule and without any issues.

As part of the Plant No. 2 Outreach Program, a summer issue of the **Neighborhood Connection** newsletter was distributed to 1,400 homes around Plant No. 2 in Huntington Beach, Newport Beach, and Costa Mesa. We also held a Plant No. 2 tour in August where we invited the neighbors to attend and see what goes on behind the wall.

#### Public Scope Meetings

The Sanitation District has begun preparation of the Program Environmental Impact Report to evaluate the potential impacts associated with implementation of its 2017 Wastewater Collection and Treatment Facilities Master Plan, which was updated in 2019. The proposed Facilities Master Plan includes over 80 projects that will take place over the next 20 years at both of our plants and throughout the service area. Two public scoping meetings were held, one at Plant No. 1 and one at Plant No. 2, to solicit feedback from the public. Also, for the first time ever, we offered the option of joining the meetings via an online webinar.

#### The Sanitation District Attends CASA Conference

The Board Chairman and General Manager attended the California Association of Sanitation Agencies annual conference in San Diego, August 21-23. They attended sessions covering state and federal legislative updates, crisis communication, and climate change financial impacts. Lan Wiborg, Director of Environmental Services, and Lisa Haney, Regulatory Specialist, gave a presentation on developing opportunities to create new water sources.

#### Upcoming Events:

##### VIP Luncheon

On September 10, the Sanitation District will host its VIP Luncheon where over 100 employees and retirees are invited to a special lunch and thanked for all their efforts in volunteering by giving tours, working at community events, and doing speaking engagements over the past year.

#### **CEQA**

N/A

#### **FINANCIAL CONSIDERATIONS**

N/A

**ATTACHMENT**

*The following attachment(s) are included in hard copy and may also be viewed on-line at the OCSD website ([www.ocsd.com](http://www.ocsd.com)) with the complete agenda package:*

- Outreach Report July-August 2019
- Media Clips July-August 2019

## Outreach Report July/August

Date	Event	Attendees
7/11/2019	CSUF Nursing Tour	27
7/17/2019	Green Tech UCI Tour	15
7/24/2019	San Domenico HS Teachers Tour	22
7/25/2019	CSUF Nursing tour	24
7/27/2019	OCSD Open House Tours	225
7/27/2019	Open House Event	275
7/27/2019	Ribbon Cutting Event	50
7/30/2019	New Employee/Open Tour	20
7/30/2019	Las Virgenes Water Tour	7
7/31/2019	Society of Plumbing Engineers Tour	32
7/31/2019	OC Employee Tour	6
8/5/2019	ASCE-OC Tour	21
8/7/2019	Mayor Foley Tour	3
8/13/2019	Operator Class III Tour	15
8/14/2019	CSUF STEM Tour	30
8/16/2019	Plant 2 Tour	5
8/21/2019	ABCUA Tour	3
8/21/2019	OCWD Speaking Engagement	80
8/22/2019	Congressman Rouda Staff Tour	2
8/28/2019	Director Chafee tour	8
8/29/2019	APU Nursing Tour	20

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Car runs into construction equipment in Anaheim

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# Monthly News Clippings



## July/August 2019

# ORANGE COUNTY REGISTER

## **Car runs into construction equipment in Anaheim, knocking worker into 20-foot-deep hole**

By [Alma Fausto](#) | [afausto@scng.com](mailto:afausto@scng.com) | Orange County Register  
PUBLISHED: July 30, 2019 at 1:00 am | UPDATED: July 30, 2019 at 8:09 am

Firefighters rescued an injured worker from a 20-feet-deep hole he was knocked into after a car crashed into a construction site in Anaheim Monday night, July 29, authorities said.

Urban search-and-rescue teams from Anaheim and Orange were called out to the scene, at State College Boulevard and Ball Road, shortly after the 10:30 p.m. crash, said Battalion Chief Tim Sandifer of Anaheim Fire & Rescue.

"The victim had been performing some shoring work in preparation for some sewer reconstruction," Sandifer said.

A driver then crashed into the construction site, hitting some equipment, and caused the worker to fall into the hole.

He had some musculoskeletal injuries and couldn't get out himself, Sandifer said.

Within about an hour, rescuers were able to lift the worker out using a basket and take him to a trauma center.

The uninjured driver left the car but was taken into custody by police about a block away. The cause of the crash was under investigation.





## Wastewater Treatment With Reverse Osmosis for Sustainability

*As the world moves further towards dangerously low water levels, it demands a solution that can quench the thirst of millions while still maintaining ecological balance.*

**FORESTER MEDIA**

JULY 24, 2019

Earlier in June, a large aquifer was found just off the northeast shore of the U.S. near New York. It is said that the aquifer contains enough water to fill 1.1 billion Olympic swimming pools. This new finding has opened a door to the possibility of more such aquifers hidden beneath the seabeds across the globe. While it is definitely some good news, it is important to note that this cannot be the only alternative to the ever-increasing problem of shortages. And after years of experimenting with various methods, ignoring the idea of recycling wastewater for drinking, it turns out the world today is turning towards just that.

Sammy Farag, CEO of AMPAC USA agrees, *"Using rejected water through sewage treatment was not acceptable by many around 10 years ago. But look at the situation today, countries and companies have begun using it to fulfill their needs and not many have a problem. The change from the past 10 years is that the shortage of such an essential element was not a pressing matter then. Today, you cannot turn a page in the newspaper or ignore a post on your phones about the water crisis and climate change."*



And it seems to be as real as it can get. BBC released a [possible list of cities](#) that are in danger of running out of essential water to drink, and in the past year, more cities have been added to the list. All over the world, cities are either waiting for the dark clouds to pour some rain in a drought or struggling for their lives while running from floods. The climate has gone haywire all over the world and the mismanagement of water could be a contributing cause. Here is where sewage treatment can help with the troubles.

## **Wastewater Treatment**

This is a procedure where rejected water from industries, or possibly an entire city, is brought to a facility to be treated. The water goes through an elaborate process of filtration, which, today, is most commonly [reverse osmosis](#). While the process does have its own downsides related to rejection, it never disappoints in quality, which is probably why the requirements to get such plants or systems installed in industries is a topic gaining heat.

*“AMPAC USA, for the past 30 years, has been serving customers with the best quality wastewater treatment systems. And we can easily say the orders have skyrocketed in the past five years. Before, not many customers opted for these products because of the taboo associated with it,”* says Farag.

But what could be the reason for a sudden change in its popularity?

*“The major reason can be associated with the increasing price of water for industries and the decreased availability. Countries and businesses both began working out strategies that could help them save water and money, respectively. Additionally, for industries, it could be a way of getting in the good graces of their customers and regulatory authorities, as governments began giving incentives for sustainability. It is a good cause, and so it had to eventually gain popularity,”* added Farag.

And this does reflect in the number of industries that have opted for a [wastewater treatment](#) solution as part of their strategy to satisfy their needs.

## **The Rejected Becomes The Accepted**

The acceptance began when a large beer brewing company showcased its products made from reclaimed water. Stone Brewing Company is near San Diego and is one of the largest in California. They worked with the treatment plant in the city to make beer. The program, called Pure Water San Diego, led to the launch of Full Circle Pale Ale, which was a beer made from reclaimed waters in San Diego. This was in 2017 when San Diego officials, including Mayor Kevin Faulconer, were happy with the experiment and hoped, together, they could achieve their goal of providing one-third of the city's demand from reclaimed waters by 2035. Although

this experiment was only for the event, local brewery owners did take notice. Coming from a big company like Stone, other smaller breweries began investing in treatment systems that turn waste into pure drinking water.

*“And especially for beer breweries, it is a win-win! Every brewer will tell you that water controls the taste of beer and so if they could use reclaimed water for their production, it could give their beer unique taste. This can easily give them an edge over their other competitors,”* says Farag.

### **Positive Reception**

It seems that countries all over the world are now warming up to this process that employs reverse osmosis for purification. The two biggest industries in China, for instance, currently employ reverse osmosis for recycling their waste. The coal and chemical industry in the country faced many challenges while employing the process, but it eventually led them to innovative RO elements. Even in India, the capital New Delhi has now installed new sewage treatment plants to provide for the city each day. The good news is now everyone is working towards making potable water available, not only to people or for industries but for the planet too.

Disneyland recycles wastewater for all its rides and has been in partnership with the Orange County Water District (OCWD) for 10 years now. The water used in the park goes to the OCWDs Groundwater Replenishment System, which ensures regular refills of aquifers. The County does it by using state-of-the-art treatment systems. While Disneyland takes a different approach, most of the entertainment parks install industrial Reverse Osmosis Systems for clean and healthy rides each day.

Indeed, it seems if countries put their resources into building such treatment facilities, the growing distress on the world could decrease to an extent. If this alternative has positive effects on the issues of today, it can help build a sustainable future for everyone.



WATER EDUCATION  
FOUNDATION

Western Water June 13, 2019 Gary Pitzer

## As Californians Save More Water, Their Sewers Get Less and That's a Problem

WESTERN WATER NOTEBOOK: Lower flows damage equipment, concentrate waste and stink up neighborhoods; should water conservation focus shift outdoors?



Corrosion is evident in this wastewater pipe from Los Angeles County. (Image: Los Angeles County Public Works Department)

Californians have been doing an exceptional job [reducing their indoor water use](#), helping the state survive the most recent drought when water districts were required to meet conservation targets. With more droughts inevitable, Californians are likely to face even greater calls to save water in the future.

However, less water used in the home for showers, clothes washing and toilet flushing means less water flowing out and pushing waste through the sewers. That has resulted in corroded wastewater pipes and damaged equipment, and left sewage stagnating and

neighborhoods stinking. Less wastewater, and thus more concentrated waste, also means higher costs to treat the sewage and less recycled water for such things as irrigating parks, replenishing groundwater or discharging treated flows to rivers to keep them vibrant for fish and wildlife.

It's a complex problem with no easy answers. Some water agencies even have suggested the state needs to push more conservation efforts to outdoor water use rather than indoor use to keep wastewater flowing. For now, local sanitation agencies are beginning to assess how best to respond with changes in how they operate – and how they plan for a future that will inevitably include more droughts.

"Indoor water savings are good, but the flip side is, as you get lower [use] ... at what point are you causing more harm than the benefit you are getting from saving those drops of water?" said Adam Link, director of operations with the [California Association of Sanitation Agencies](#).



Adam Link, director of operations with the California Association of Sanitation Agencies (Image: California Association of Sanitation Agencies)

Link said his organization had heard anecdotal accounts of problems, but that they varied depending on location. Wastewater agencies generally handled problems through operational changes such as increased chemical treatment.

A recent report by the Public Policy Institute of California (PPIC) quantified the problem, finding in a survey of wastewater agencies, that one-fifth of respondents indicated increased corrosion of collection systems due to declining influent quality.

The PPIC's report released in April, [Managing Wastewater in a Changing Climate](#), said the wastewater treatment sector "is at a turning point," with drought posing the biggest challenge. The report suggested action is needed to improve coordination between water suppliers and wastewater agencies to ensure that water conservation efforts in the urban sector can be accounted for as part of the short- and long-term planning on the treatment side.

"Wastewater managers would benefit from knowing which demand management strategies are deployed, when and where the strategies are being implemented, and how much indoor



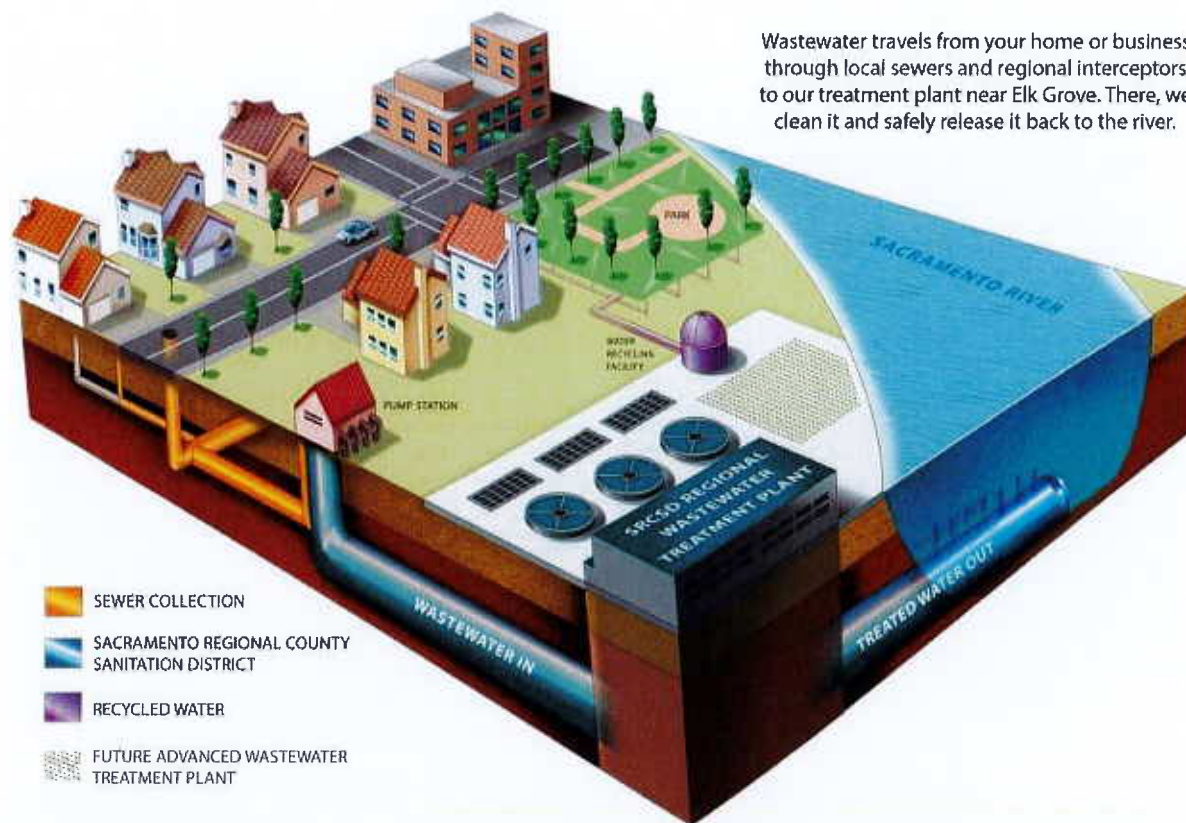
water savings are expected over time,” according to the report. It noted that the [California Department of Water Resources](#) and the [State Water Resources Control Board](#) could help facilitate better exchange of information and provide guidance for integrating water supply and wastewater planning.

“Indoor water savings are good, but the flip side is, as you get lower [use] ... at what point are you causing more harm than the benefit you are getting from saving those drops of water?”  
~Adam Link, director of operations with the California Association of Sanitation Agencies

Link agreed that as wastewater agencies plan for future treatment capacity and the projected demand for recycled water, they should be included in discussions about further reductions in water use — and how reduced flows affect the planning and sizing of recycled water projects. The state has set a goal of developing at least 2.5 million acre-feet a year of recycled water by 2030.

Rob Thompson, assistant general manager of the [Orange County Sanitation District](#), said his agency has planned for changing flow patterns based on factors such as economic activity and the amount of rain received.

“When people talk about low flow, it’s really one of a plethora of items which are really about resilience,” he said. “We are consistently planning ... with our operations, maintenance and engineering to deal with those changes.”



This

schematic from Sacramento Regional County Sanitation District is an example of how wastewater systems work. (Image: Sacramento Regional County Sanitation District )

The district receives about 185 million gallons of sewage each day from more than 2 million people in north central Orange County (185 million gallons would fill a football field 515 feet deep). One hundred million gallons of that treated wastewater is put back to work to irrigate parks, schools and golf courses and help combat seawater intrusion.

The district's collection system and manholes have been protected from corrosion since the 1960s and for the last decade, chemical treatment has been used to block formation of odorous and corrosion-causing compounds, said Thompson, noting that the district has been granted patents for its processes.

## Re-evaluating Water Conservation Strategies

The 2012-2016 drought was the driest in recorded state history. The extent of the impacts from reduced sewage flows – corrosion, odor problems as sewage pools in neighborhood pipes and increased salinity – surprised some people. The episode highlights what's needed in the future.

"We know the next drought is coming. This is our reality to manage and adapt to," said Jelena Hartman, senior scientist with the State Water Board, at PPIC's April panel presentation on the report.

"California policy on long-term water use efficiency should prioritize outdoor water use restrictions, which will have a lower impact on interconnected water systems, to achieve statewide demand management goals."

~ 2017 California Urban Water Agencies white paper, [\*Adapting to Change: Utility Systems and Declining Flows\*](#)

Because many rivers rely on treated wastewater for water quality and flow, reductions in discharges can add to the environmental impacts on rivers when drought strikes, Hartman said. Less water flowing to rivers — whether from treatment plants, street runoff or stormwater flows — affects overall environmental quality.

"It's not just water recycling," she said. "We are talking about low-impact development, capturing storm flows and reducing urban runoff."

Meanwhile, the drive to ratchet down water use in California begs the question of whether conservation efforts could eventually shift because of the impacts to the wastewater sector. A 2018 law sets indoor consumption goals at 55 gallons per person per day, with the figure dropping to 52.5 gallons in 2025 and 50 gallons in 2030. It's up to water agencies to work with users to meet the goals.

In a 2017 white paper, [\*Adapting to Change: Utility Systems and Declining Flows\*](#), California Urban Water Agencies (CUWA) noted that while saving water indoors is an important element of water management programs, more must be done to manage all future water demands. CUWA is an association of 11 major California urban water agencies.

"California policy on long-term water use efficiency should prioritize outdoor water use restrictions, which will have a lower impact on interconnected water systems, to achieve statewide demand management goals," the white paper said.

Outdoor water use varies greatly in the state, accounting for as little as 25 percent of a household's use in coastal areas and as much as 80 percent in the hotter inland regions.



Treated wastewater flows into the Los Angeles River. These types of wastewater discharges are important sources of water to help maintain river vitality. (Image: Southern California Coastal Water Research Project)

On the environmental side, work is underway to quantify the impact of reduced discharges to surface waters. In Los Angeles, a coalition of state and local agencies are collaborating with the [Southern California Coastal Water Research Project](#) on a two-year study launched last fall to determine what happens when treated wastewater effluent and runoff usually sent to the Los Angeles River is diverted for recycling.

Researchers are looking at how vulnerable species and habitats along a 45-mile stretch of the lower reach of the river respond to flow reductions with an eye toward developing recommended flow targets by season and section of the river.

## What's Next

When drought returns to California and people do their part to conserve water, use levels will again drop, perhaps even to record-low levels. Wastewater treatment agencies will again be faced with even less flows. Thompson, with the Orange County Sanitation District, said agencies should use their regular retrofit and upgrade schedule to measure their resilience.





Part of a wastewater treatment plant in Contra Costa County. (Image: File)

“You don’t design for one little problem,” he said. “You look at the overall condition of your treatment plant and look at opportunities to replace outdated infrastructure with more focused infrastructure that meets the new needs you are facing.”

The state, PPIC said, should help the wastewater sector and direct its funding assistance toward regional approaches to planning and research.

“The state also has a responsibility to evaluate its own policies for areas of conflict between water use efficiency, recycled water production and environmental flows,” the report said.

“The state needs to be clear about the inevitable tradeoffs associated with these goals and help set priorities.”

There also needs to be better delineation between what’s happening with the long-term trend of reduced indoor water use and the impact drought has on that use.

“That is one of the unanswered questions,” Link said. “Is there going to be a bounce back [in water use after a drought] or is there where we are and what we have to plan for?”

# ORANGE COUNTY REGISTER

## HEAL THE BAY REPORT CARD

### LOCAL BEACHES GET HIGH MARKS

**Good news:**

Orange County beats statewide rate for A and B grades, while 10 locations make group's honor roll

**Bad news:**

Far fewer receive top scores on wet winter days, and two are among 10 worst 'Beach Bummers'

By Martin Wisckol >> [mwisckol@scng.com](mailto:mwisckol@scng.com) >> @MartinWisckol on Twitter

The good news is that 97% of Orange County beaches scored an A or a B for summer water quality in Heal the Bay's 2018-2019 Beaches Report Card to be released today, higher than the statewide A and B rate of 94%. Of the 33 California beaches making the environmental group's honor roll with perfect grades, 10 were in Orange County.

The bad news is that the 17 inches of rain this winter — nearly twice the historical average — resulted in just 56% of county beaches receiving top grades on wet winter days. Statewide, just 54% of all beaches received an A or a B during wet weather. Additionally, two Orange County beaches were among the 10 worst "Beach Bummers" in the state. Also, four county beaches that last year made the group's honor roll fell off the 2019 list.

"Rain washes pollutants and contaminants into the ocean thus lowering water quality," says the report, which used water quality data from county health agencies.

“Beachgoers who recreate at beaches after a rain event have an increased risk of contracting ear infections, eye infections, upper respiratory infections, skin rashes and gastrointestinal illness.

“Approximately 1 million ocean beachgoers contract illnesses each year in Los Angeles and Orange counties, with total healthcare costs of \$20 [billion] to \$50 billion.”

Contributing to the region’s dirty water over the past year were 28 sewage spills in Orange County, 96 in Los Angeles County and November’s Woolsey fire in the Malibu area.

Heal the Bay recommends avoiding the water at beaches with a C grade or below and staying out of the ocean at all beaches for three days after it rains. The Santa Monica based group’s Now Cast app and Now Cast online site predicts daily water quality at more than 20 beaches.

## **Climate change**

With scientific assessments that climate change is leading to more extreme periods of rainfall, and more extreme wildfires, the report notes a domino effect resulting in dirtier ocean water.

“Major wildfires ... can have a big impact on water quality because fires damage sewage infrastructure and increase the amount of runoff due to vegetation loss,” the report says.

After the Woolsey fire — during a seasonal period Heal the Bay defines as “dry winter” — only 57% of the Malibu beaches received grades higher than C. That was a marked change from the previous five years, when the 87% of those beaches received an A or B during dry winter months.

“Governments, leaders and the public must take immediate action to mitigate the effects of climate change and pollution,” the report says. “Many local governments have made enormous efforts to identify and eliminate runoff entering the ocean, but across the board there are still improvements to be made.”

The report notes steps that have been taken at specific locations to improve water quality. On a larger scale, more than two thirds of Los Angeles County voters last year approved Measure W, which will result in \$300 million in new annual parcel taxes to be used to capture storm runoff and reduce pollutants entering the ocean.

## **Beach Bummers**

The report defines three types of beaches and how they differ in water quality. Open beaches without obstructions or urban runoff tend to get the best scores in both wet and dry weather. Meanwhile, those that have stream, river and storm drains flowing into the ocean tend to score poorly. So do enclosed beaches, which include those found at marinas, harbors and lagoons.

Topping the report’s 10 Beach Bummers statewide is the San Clemente Pier, which is affected by runoff during rains and dry periods because of a nearby storm drain. Another problem for San Clemente Pier — one that’s common for many piers — is birds congregating and defecating into the ocean.

The study noted steps the city has taken to try tackle the problem, including installing bird netting under the pier. Additionally, a city Ocean Water Quality Subcommittee was formed in April and the city is conducting a tracking study to help identify sources of bacteria in the water.

Also on the Beach Bummers list is Monarch Beach at Salt Creek, near Dana Point's five-star Ritz-Carlton resort. The beach is also affected by dry weather storm pipe runoff. The city has installed a facility to treat water flowing from Salt Creek and has implemented a bird abatement program, according to the report.

## **Honor roll**

Orange County led the state last year with 14 beaches on the honor roll, meaning they received perfect scores year-round. The count fell to 10 beaches in this year's report and was surpassed by San Diego County's 12 beaches with perfect scores.

The total number of honor roll beaches statewide dropped to 33 from 37 last year. Los Angeles went from having eight on the list to two.

Orange County's 2018/2019 honor roll beaches are:

- San Clemente: Avenida Pico, Avenida Calafia and Linda Lane Beach.
- Dana Point: Dana Strands Beach, Dana Point Harbor Youth Dock and-South Capistrano Bay Community Beach.
- Laguna Beach: Victoria Beach and El Moro Beach.
- Huntington Harbour in Huntington Beach: Trinidad Lane Beach and Coral Cay Beach.



# ORANGE COUNTY REGISTER

## ENVIRONMENT

### Seal Beach prepares for flooding

Extreme scenario deemed possible because of a rising sea level

By Martin Wisckol

[mwisckol@scng.com](mailto:mwisckol@scng.com) @MartinWisckol on Twitter

Seal Beach residents got a look Wednesday at what sea level rise could mean to them, thanks to a city presentation showing that large swaths of the small municipality could flood by 2050 and that the odds of even greater inundation will increase throughout the century.

Though there was significant concern among the 40 or so residents on hand at the Marina Community Center, there was also criticism that projections of sea level rise showed flooding far sooner than was probable.

The state's sea level projections used at Wednesday's workshop have just a 0.5% chance of occurring as quickly as the city is expected to prepare for. State officials say those projections are recommended to accommodate factors not taken into account in the calculations, including indications that water rise may accelerate faster than previously thought.

"I think that's a bit aggressive," said Robert Goldberg, whose Clipper Way home is in an area projections show will be among the first to flood. "I'm not going to sell my house based on a 1-in-200 chance. I think something like 1% or 2% might be more appropriate."

The workshop is part of the city process in developing its Local Coastal Plan, which will outline development and resource protection rules in Seal Beach's coastal zone. The document will incorporate requirements of the state Coastal Act and allow the city to give final approval to new development. Because it lacks a Local Coastal Plan, the city currently must send new coastal development to the state Coastal Commission for review.

One component of the Local Coastal Plan will be how the city intends to adapt to rising seas. A preliminary report outlines a possible mix of protections such as seawalls and sand berms, accommodations such as putting buildings on stilts, and retreat, which could include abandoning and demolishing current structures.

### **The probability debate**

Seal Beach is already susceptible to flooding, with a sand berm constructed on the beach each winter as protection against high tides and big surf.

According to recommended state projections, a 1.6-foot sea level rise could occur by 2050. Combined with a 100-year storm and without new mitigation, flooding from the San Gabriel River northwest of the city and Anaheim Bay to the southeast would spill over into neighborhoods inland from the beach — particularly low-lying areas south of Pacific Coast Highway.

With a 3.3-foot sea level rise by 2070, similar flooding would occur without a storm. With a 6.6-foot sea level rise by 2100 and no storm, the inundated area would roughly double, with water coming from the ocean and nearby wetlands as well as from the San Gabriel River and Anaheim Bay.

But those projections have just a 0.5% chance of occurring, according to the Coastal Commission. The “likely” scenario outlined in the city’s Sea Level Vulnerability Report is a half foot to a foot of sea level rise by 2050 and 1.3 feet to 3.2 feet by 2100.

The projections of faster sea level rise were developed by the state Ocean Protection Council and are used as recommendations by the state Coastal Commission, which must approve Local Coastal Plans.

“We want to make sure we’re not underestimating future sea level rise because the consequence to coastal resources, development, life and safety could be severe,” said commission spokeswoman Noaki Schwartz.

She said that the science of projecting sea level rise has continued to evolve since the state projections were established, including indications that ice sheet melt may cause seas to rise faster than previously thought. That means the 0.5% probability “may, in reality, be higher,” she said.

### **A harbinger**

Anticipation of future sea level rise already is affecting development plans in Seal Beach.

A proposal to build two houses on a vacant lot on 17th Street, five blocks from the beach and four blocks from Anaheim Bay, has been staunchly opposed by Coastal Commission staffers, which note that 3.3 feet of sea level rise would inundate the lot.

“The proposed subdivision and construction of two single-family residences is not designed or engineered for the changing water levels and associated impacts that are anticipated over the life of the development,” says the staff report. “It is important to note that at 5.7

feet of (sea level rise), inland flooding is so severe that the beach fronting portion of Old Town may become an island and that whole sections of sandy beach may disappear.”

At the request of the builder, a commission vote on the project scheduled for July 10 was postponed.

That situation is likely a harbinger for all coastal cities as they develop statemandated climate adaptation plans and update their Local Coastal Plans.

“What we’re after is what adaptations are most appropriate for Seal Beach,” city consultant Chris Johnson told the workshop gathering Wednesday. “The most appropriate fix.”

**“We want to make sure we’re not underestimating future sea level rise because the consequence to coastal resources, development, life and safety could be severe”**

— *Noaki Schwart, Coastal Commission spokeswoman*

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seawater? Recycled sewage water? Get  
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Jul 31, 2019 / *Amanda Little*





*Our planet is getting hotter and drier. Drinking water is in short supply, but there are two largely untapped sources: the ocean and sewage. To get a taste of what might be in store for our faucets and understand the pros and cons, journalist Amanda Little goes to California.*

*The summer of 2019 has seen heat records tumble like dominoes across the Northern Hemisphere. On May 26, the thermometer climbed to 102 in Savannah, Georgia, an all-time high for that month; the same day, it hit an unprecedented 103.1 in Hokkaido, Japan's northernmost island. Then, in June, a three-week heat wave tore through Pakistan and India, where it reached 123.4 in the central city of Churu. In July, it was Western Europe's turn when the temperature soared to 108.7 in Paris and 102.2 in Brussels.*

*Of course, intense heat doesn't occur in a vacuum. It's accompanied by water shortages and drought, which are expected to be the new norm on our planet. In the US, drought has become associated with California. In fact, from December 20, 2011, through March 5, 2019, some form of drought existed somewhere in the state. This prolonged parching has resulted in billions of dollars in agricultural losses and the death of over 100 million trees in state forests alone.*

*Below, journalist Amanda Little goes to Southern California to learn more about two sources of drinking water which the state — and our planet — will be tapping in coming years.*

**Almost all of the water consumed by the 22 million people of California's water-stressed southern region is imported.** Much of it is pumped long distances, over mountains, from Northern California. Southern California also draws heavily from the Colorado River, the beleaguered waterway that supplies six other states and Mexico. As these freshwater sources have dwindled, the cost of water imported to Southern Californian cities has been climbing nearly 10 percent a year. The changing economics of water have forced utilities to turn in a new direction for relief: westward to the Pacific Ocean.

**California has 840 miles of coastline adjoining the world's largest ocean, an oversupply of brine lapping up against an increasingly thirsty landscape.** In order to tap this massive reservoir, the San Diego Water Authority partnered with the Israeli company IDE to build a \$1 billion desalination plant in Carlsbad, a suburb of San Diego. It opened in 2017, the largest desalination facility in the Western Hemisphere.

"If we could ever competitively, at a cheap rate, get freshwater from salt water, that ... would really dwarf any other scientific accomplishments," President John F. Kennedy told the Washington press corps in the 1960s.

Mark Lambert, the head of IDE's U.S. division, who oversaw the building of the Carlsbad plant, describes desalination as "the most significant kind of modern alchemy. About 97 percent of the earth's water is in the ocean, yet only recently have we been able to tap that resource to grow crops or quench human thirst."

“Desalination may seem like a panacea, but from a cost and energy standpoint it’s the worst deal out there,” says Sara Aminzadeh of the California Coastkeeper Alliance.

**Desalination has been around for millennia if you count the evaporation techniques pioneered by the ancient Greek.** Sailors in the 4th century BC boiled salt water and then captured the steam. When cooled, steam condenses into distilled water that’s free of virtually all contaminants. This same basic technology — thermal desalination — is still used in places like Saudi Arabia, where fuel for boiling the water comes cheap. Since the 1960s, most desalination operations use reverse osmosis (RO), a method that simulates the biological process that happens within our cells as fluids flow across semipermeable membranes.

**There remain big challenges for desalination, and number one is the energy cost.** A NASCAR vehicle does about 700 horsepower at full throttle. By contrast, the series of pumps at the Sorek plant near Tel Aviv — the world’s largest desalination facility, which processes some 200 million gallons daily — collectively exert roughly 7000 horsepower of energy (or 1100 pounds per square inch of pressure) night and day.

Improvements in the pumps, pipe design and membranes have cut the total amount of energy used in desalination by about half in the past two decades. The energy demands will come down further as efficiencies improve, but many see it as a sticking point.

Sara Aminzadeh, the executive director of the California Coastkeeper Alliance, one of many environmental groups that have opposed the development of desalination plants in California, tells me, “Desalination may seem like a panacea, but from a cost and energy standpoint it’s the worst deal out there.”

**The Carlsbad desalination plant provides nearly 1/10th of San Diego County’s total water supply — enough for about 400,000 county residents.** Up the coast, another large desalination plant is under construction in Huntington Beach, which will supply drinking water to LA suburbs. More than a dozen similar plants have been proposed along California’s southern and northern coastlines.

Daily, the Orange County plant pumps out 100 million gallons of drinking water. The sewage moves through eight stages of filtration before it is drinkable.

**But there’s another source that’s becoming even more critical to the future water supply, one that officials call “recycled wastewater,” a pleasant term for human sewage.** This is one of the harder realities I’ve come to accept about modern agriculture — that everything we’re now flushing down our toilets and pouring down our drains may have to play an important role in feeding us and growing our food.

“We call it the big tooth comb — step one of the filtration process!” Snehal Desai, Global Business Director of Dow Water & Process Solutions, shouts above the sound of sluicing water. There’s a visible torrent of raw sewage water flowing through a channel below us at the Orange County Sanitation District, a facility that treats waste from the toilets, showers, sinks and gutters of 1.5 million suburban Californians. An enormous rake descends into the depths of the sewage flow and brings up cardboard, wet wipes, tampons, eggshells, marbles, toys, tennis balls, sneakers — all the detritus that can’t fit through the screen covering the plant’s intake.

The flow that passes through the screen has begun a journey through an advanced purification process that culminates in a stage of RO filtration. Daily, the plant pumps out 100 million gallons of drinking water — enough to supply 850,000 county residents — which makes this the largest “toilet-to-tap” facility on the planet. The sewage moves through eight stages of filtration, including a gravel-sand filter and a bacterial “bioscrubbing” process used in Israeli plants. Orange County also has a “microfiltration” stage, in which the water is sucked through thousands of tiny porous straws. In the final and most critical stage, the water is forced through a massive hive of cylinders containing the RO membranes.

**This Orange County facility is setting a precedent for the use of sewage to produce drinking water every bit as pure as the water that comes from desalination.** This process is cheap compared to desalination — about half the cost. Sewage has much lower salinity than seawater, which makes it easier to process. “Recycled wastewater is the fastest-growing area in the water industry. Why? Because not every city has an ocean, not everyone has good lakes and rivers, but everybody’s got sewage,” says Desai. “That’s the megatrend.”

“Accepting recycled wastewater is kind of like being asked to wear Hitler’s sweater,” says social psychologist Paul Rozin.

**San Diego recently announced plans to produce 35 percent of its water from recycled sewage by 2030 — not just for irrigation but for drinking.** It has completed designs on a toilet-to-tap facility larger than Orange County’s. Still, there are barriers to overcome, and the gross factor is first among them. Even the desperation of drought can’t eliminate the fact that drinking your own waste is nobody’s first choice, unless you’re a resident of the international space station.

“Accepting recycled wastewater is kind of like being asked to wear Hitler’s sweater,” says Paul Rozin, a social psychologist at the University of Pennsylvania who has consulted water utilities on marketing toilet-to-tap programs to residents. “No matter how many times you clean the sweater, you just can’t take the Hitler out of it.”

**But the purity you get from the RO process is quantifiably better than the water you get from conventional treatments — better even than some bottled water.** “What flows from our membranes is the Rolls-Royce of municipal water,” says Desai. Whereas tap water is often treated with chemical coagulants and chlorine, RO filtration is a mechanical filtration of water contaminants that cuts the need for those chemicals. It’s analogous to the mechanical removal of weeds in a field practiced by organic farmers in lieu of chemical pesticides: “Think of it as ‘organic’ tap water,” says Desai.

For now, Dow is focused on making membrane products for big industrial and municipal water systems, but it envisions micro-scale systems down the line. Bill Gates made a pitch for a similar approach when he blogged a few years back about watching a pile of human feces on a conveyor belt enter a small-scale waste-treatment plant built to serve a community of a few thousand people in Senegal, and, in minutes, get converted into “water as good as any I’ve had out of a bottle. I would happily drink it every day.”

**Desai predicts that water filtration technology will become decentralized everywhere.** We’ll control and regenerate our own water supplies farm by farm, neighborhood by neighborhood, or household by household. Eventually the water production could become, like the food production, circular — a closed-loop system in which 100 percent of water that goes down commercial and



residential drains is recycled; whatever is lost in evaporation or leakage can be made up for with desalinated salt water that moves through shared networks. Although the vision is at least decades from becoming a reality, it may be necessary to our future food security and critical to our survival.

**At the end of my tour of the Orange County plants, we arrive at a shining stainless-steel sink where water that hours earlier had begun as raw sewage was now flowing crystal clear from the tap.** Desai filled up two Dixie cups. “To the future!” he toasted. I shuddered as I knocked mine back. But somehow, the stuff tasted every bit as good as water that had bubbled up from a spring in the Alps. I poured myself a second cup.

*Excerpted with permission from the new book The Fate of Food: What We’ll Eat in a Bigger, Hotter, Smarter World by Amanda Little. Published by Harmony Books, an imprint of the Crown Publishing Group, a division of Penguin Random House LLC. Copyright © 2019 Amanda Little.*

*Watch her TEDxNashville talk now:*

#### **ABOUT THE AUTHOR**

**Amanda Little** is a professor of journalism and writer-in-residence at Vanderbilt University. Her reporting on energy, technology and the environment has taken her to ultra-deep oil rigs, down manholes, and inside monsoon clouds. Little’s work has appeared in publications ranging from The New York Times and The Washington Post to Wired, Rolling Stone and Bloomberg Businessweek. She is also the author of the book *Power Trip: From Oil Wells to Solar Cells — Our Ride to the Renewable Future*.



**Michelle Steel**  
**August 5, 2019**



**August 5, 2019** Volume 5 **Issue 11**

### **Orange County Sanitation District's Centrifuge Facility Ribbon Cutting Ceremony**

I had the honor of giving the welcoming and introductory remarks for the Orange County Sanitation District's Centrifuge Facility Ribbon Cutting Ceremony, as well as the District's 65th Anniversary.

The new facility brings online some of the largest centrifuges in the world used in wastewater treatment, and implements technology that reduces the volume of biosolids produced. This will not only save the District approximately \$4 million per year, it also reduces their environmental footprint.

After the Ribbon Cutting and tour of the new facility, I greeted OCSD staff and constituents at their 65th Anniversary Open House.

Congratulations [Orange County Sanitation District](#) on both major milestones! Your staff did a great job at both events and were great hosts!



## Twitter Posts July/August 2019

Jul 2019 • 31 days

### TWEET HIGHLIGHTS

#### Top Tweet earned 2,439 impressions

Pee, poo and paper. Yes, we said it, the P words. The only three things that should go down the pipe. Do you know what doesn't start with a P? Flushable wipes. I hope you know what that means.

#NoWipesInThePipes #What2Flush  
#ToiletTipTuesday  
[pic.twitter.com/7t4ohrGouq](https://pic.twitter.com/7t4ohrGouq)



17 27

[View Tweet activity](#)

[View all Tweet activity](#)

#### Top Follower followed by 1,562 people



**Tevora**

@tevora [FOLLOWS YOU](#)

Tevora is a risk and compliance management consulting firm that specializes in information security, governance, and compliance.

[View profile](#)

[View followers dashboard](#)

#### Top mention earned 143 engagements



**City of Anaheim**

@City\_of\_Anahelm Jul 10

#Traffic alert: Overnight sewer work by @OCSEwers continues this morning through early afternoon, impacting intersection of Ball and State College. No left turns. Please take alternate routes.

Intermittent work at this intersection will continue for the next several weeks.  
[pic.twitter.com/GPKY8LsfBB](https://pic.twitter.com/GPKY8LsfBB)



2 4 11

[View Tweet](#)

#### Top media Tweet earned 623 impressions

Clear skies and blue water, what more could you ask for? The Ocean Monitoring group goes out about 100 days a year to collect samples and test for water quality, ocean sediments, and fish tissue.

#OCSDatWork #OCSD  
#ProtectingTheOcean  
[pic.twitter.com/2jUhxBSlzy](https://pic.twitter.com/2jUhxBSlzy)



### JUL 2019 SUMMARY

Tweets

12

Profile visits

276

New followers

5

Tweet impressions

12.3K

Mentions

23

## 28 day summary with change over previous period

Tweets  
15 ↑ 50.0%

Tweet impressions  
12.4K ↑ 14.6%

Profile visits  
219 ↓ 3.5%

Mentions  
31 ↑ 106.7%

Followers  
1,592 ↑ 14



Aug 2019 • 22 days so far...

### TWEET HIGHLIGHTS

#### Top Tweet earned 1,542 impressions

Thank you @LVMWD for coming and taking a tour of our Plant No.1 facility in #FountainValley! We hope you enjoyed your time!

#OCSD #What2Flush #TourTime  
pic.twitter.com/bEOeVRUvX9



1 2

View Tweet activity

View all Tweet activity

#### Top Follower followed by 57.1K people



**CBSLA Assignment Desk**

@KCBSKCALDesk follows you

The Assignment Desk at KCBS/KCAL

View profile

View followers dashboard

#### Top mention earned 201 engagements



**John Wayne Airport**

@JohnWayneAtr • Aug 2

Please be advised that southbound MacArthur Blvd. will be impacted due to construction activity performed by @OC Sewers beginning this evening at 3 p.m. and continuing through Aug. 8 at 8 p.m. JWA encourages guests to plan ahead to avoid delays. #FlyJWA  
pic.twitter.com/WNMF6M1oH3f



3 10

View Tweet

#### Top media Tweet earned 438 impressions

OCSD is looking for a Principal Safety & Health Rep! You will coordinate and oversee activities in support of our safety and emergency response needs. Interested? Visit [ocsd.com/about-us/jobs](http://ocsd.com/about-us/jobs) to find out more. [pic.twitter.com/5vv11KM18f](http://pic.twitter.com/5vv11KM18f)



1 2

View Tweet activity

View all Tweet activity

#### Get your Tweets in front of more people

Promoted Tweets and content open up your reach on Twitter to more people.

Get started



### AUG 2019 SUMMARY

Tweets  
11

Tweet impressions  
9,470

Profile visits  
151

Mentions  
20

New followers  
12

## Facebook Posts July/August 2019

Page Summary **Last 28 days**

Export Data 

Results from Jul 26, 2019 - Aug 22, 2019

Note: Does not include today's data. Insights activity is reported in the Pacific time zone. Ads activity is reported in the time zone of your ad account.

■ Organic ■ Paid

### Actions on Page

July 26 - August 22



We have insufficient data to show for the selected time period.

### Page Views

July 26 - August 22

698

Total Page Views ▲ 6%



### Page Previews

July 26 - August 22

35

Page Previews ▲ 6%



### Page Likes

July 26 - August 22

19

Page Likes ▲ 12%



### Post Reach

July 26 - August 22

2,753

People Reached ▼ 34%



### Story Reach

July 26 - August 22

**Get Story Insights**

See stats on how your Page's story is performing.

[Learn More](#)

### Recommendations

July 26 - August 22



We have insufficient data to show for the selected time period.

### Post Engagements

July 26 - August 22

2,451

Post Engagement ▲ 62%



### Videos

July 26 - August 22

851

3-Second Video Views ▲ 37%



### Page Followers

July 26 - August 22

21

Page Followers ▲ 24%



### Orders

July 26 - August 22

0

Number of Orders ▲ 0%

0














Earnings from Orders ▲ 0%









































## All Posts Published

■ Reach: Organic / Paid
 ▼
■ Post Clicks
 ■ Reactions, Comments &

Published	Post	Type	Targeting	Reach	Engagement
08/22/2019 2:40 PM	 Today, OCSD staff attended the California Association of Sanitation			195 <span style="color: orange;">■</span>	29 12 <span style="color: blue;">■</span>
08/22/2019 9:08 AM	 Thank you Beth Hammon and Kate Alegria from Rep. Harley Rouda			196 <span style="color: orange;">■</span>	15 10 <span style="color: blue;">■</span>
08/19/2019 1:00 PM	 Happy Monday! Help us congratulate Jennifer Cabral on her			861 <span style="color: orange;">■</span>	453 357 <span style="color: blue;">■</span>
08/19/2019 12:00 PM	 At OCSD we are dedicated to protecting the environment and			267 <span style="color: orange;">■</span>	18 18 <span style="color: blue;">■</span>
08/16/2019 9:00 AM	 Sewer installation continues on State College Blvd. in the City of Anaheim-			331 <span style="color: orange;">■</span>	4 4 <span style="color: blue;">■</span>
08/15/2019 11:45 AM	 Thank you California State University, Fullerton for coming and			406 <span style="color: orange;">■</span>	59 36 <span style="color: blue;">■</span>
08/14/2019 7:43 AM	 Reminder, tomorrow night is the second public scoping meeting for			180 <span style="color: orange;">■</span>	5 5 <span style="color: blue;">■</span>
08/12/2019 11:06 AM	 OCSD is currently seeking a maintenance worker that has a			671 <span style="color: orange;">■</span>	123 44 <span style="color: blue;">■</span>
08/09/2019 11:10 AM	 Ever wonder what our Huntington Beach facility looks like? What goes			575 <span style="color: orange;">■</span>	20 20 <span style="color: blue;">■</span>
08/09/2019 9:00 AM	 We are proud of our past in Orange County. Take a look at this invitation			245 <span style="color: orange;">■</span>	12 18 <span style="color: blue;">■</span>
08/08/2019 12:00 PM	 We want to hear from you. We have two public scoping meetings for our			299 <span style="color: orange;">■</span>	11 6 <span style="color: blue;">■</span>
08/08/2019 9:00 AM	 August is #waterqualitymonth, and we'll be sharing water quality facts			254 <span style="color: orange;">■</span>	15 16 <span style="color: blue;">■</span>
08/07/2019 4:34 PM	 Happy Professional Engineers Day! Without you OCSD wouldn't be			267 <span style="color: orange;">■</span>	30 27 <span style="color: blue;">■</span>
08/05/2019 3:01 PM	 OCSD is looking for a Principal Safety & Health Rep! You will			342 <span style="color: orange;">■</span>	31 37 <span style="color: blue;">■</span>
08/02/2019 9:52 AM	 The winners have been chosen! A HUGE thank you to everyone who			193 <span style="color: orange;">■</span>	15 5 <span style="color: blue;">■</span>
08/01/2019 1:15 PM	 Thank you Las Virgenes Municipal Water District for coming and taking			299 <span style="color: orange;">■</span>	32 26 <span style="color: blue;">■</span>

07/30/2019 1:32 PM		Centrifuge Ribbon Cutting Ceremony			237		92 7	
07/30/2019 11:14 AM		Thank you Director Andrew Nguyen from Midway City Sanitary District for			156		11 5	
07/30/2019 9:00 AM		Sometimes people lie. we would never lie to you. Believe us when we			756		49 45	
07/29/2019 12:57 PM		Celebrating 65 years of impressions. OCSD aims to not just make a good			319		36 18	
07/29/2019 8:06 AM		Construction Alert in City of Anaheim- Municipal Government.			263		12 6	
07/27/2019 10:00 AM		Us rushing to OCSD for the Open House happening TODAY! Come			193		14 13	
07/26/2019 4:00 PM		When we weren't listening to the Spice Girls in the 90's, we were busy			478		81 48	
07/26/2019 1:37 PM		We thought this might be helpful. Just in case you weren't 100% sure			355		26 18	
07/25/2019 4:46 PM		The 80's were about more than just spandex and leg warmers. At OCSD			259		23 19	
07/24/2019 4:56 PM		Tonight at Plant No. 1 our Steering Committee and Board meeting will			185		9 3	
07/24/2019 3:10 PM		As we moved into the 70's we were busy constructing. The new 5-mile			315		30 24	
07/23/2019 7:16 PM		In the 60's the Sanitation District continued to expand. With the short			544		41 31	
07/23/2019 11:58 AM		Are you as excited as we are about the Open House this Saturday?			310		17 14	
07/22/2019 4:01 PM		As we get ready to celebrate our anniversary let's go down memory			1.1K		103 74	
07/19/2019 1:03 PM		Us inviting our friends to come visit us at our Open House on Saturday.			237		8 6	
07/19/2019 12:00 PM		Did you know that in 2016 the Governor of California signed			201		0 6	
07/17/2019 7:07 PM		Disneyland: 64. OCSD: 65. Basically twins! Which means we must be			227		10 7	
07/17/2019 3:23 PM		Happy National Sanitation Workers' Day! We work with a purpose.			354		40 18	



07/16/2019 11:21 AM	 Treating wastewater, as easy as 1,2,3. #bottlecapchallenge			357		41 16	
07/12/2019 9:00 AM	 Number 83 on our bucket list: skateboarding inside a newly built			454		58 51	
07/10/2019 10:24 AM	 Thank you City of Anaheim- Municipal Government for helping us			228		15 7	
07/10/2019 7:34 AM	 Traffic delays at State College and Ball Rd in City of Anaheim-			186		2 2	
07/09/2019 4:15 PM	 Join us for OCSD's Operations Committee meeting on Wednesday,			170		5 1	
07/09/2019 12:00 PM	 Construction Alert for City of Anaheim- Municipal Government at			147		1 2	
07/09/2019 9:00 AM	 Pee, poo and paper. Yes, we said it, the P words. The only three things			766		45 49	
07/08/2019 11:40 AM	 Do you like to visit the beach? If so, you'll be glad to hear that Heal the			383		23 32	
07/05/2019 12:00 PM	 Happy #FlashbackFriday! This photo is from the 1960's and shows then			286		25 25	
07/05/2019 9:00 AM	 OCSD's Legislative & Public Affairs Committee meeting is next Monday,			158		1 1	
07/04/2019 11:11 AM	 Happy 4th of July! Wishing everyone a safe and fun holiday with family			216		5 15	
07/02/2019 12:00 PM	 Clear skies and blue water, what more could you ask for? The Ocean			342		22 31	
07/01/2019 3:07 PM	 Congratulations to Us! We have once again been recognized for our			227		2 12	

Instagram Posts  
July/August 2019



ocsewers

Edit Profile



229 posts

593 followers

65 following

OC Sanitation District

The OC Sanitation District provides wastewater collection, treatment, and recycling for approx 2.6 million people in central & north Orange County.

[www.ocsd.com](http://www.ocsd.com)

POSTS

IGTV

SAVED

TAGGED





