

REVISED



**SPECIAL BOARD MEETING AGENDA**

**Monday, December 18, 2017**

**Special Meeting - 7:00 P.M.**

**Union Sanitary District  
Administration Building  
5072 Benson Road  
Union City, CA 94587**

**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

1. Call to Order.

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2. Pledge of Allegiance.

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3. Roll Call.

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- Motion 4. Approve Minutes of the Special Meeting of December 4, 2017.

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- Information 5. Balanced Scorecard *(to be reviewed by the Legal/Community Affairs Committee)*.  
  - a. First Quarter FY 18 District-wide Balanced Scorecard Measures.
  - b. Collection Services Work Group Process Scorecard.

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6. Written Communications.

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7. Oral Communications.  

*The public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred **(to be received at the Union Sanitary District office at least one working day prior to the meeting)**. This portion of the agenda is where a member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction that is not on the agenda. If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. Oral comments are limited to three minutes per individuals, with a maximum of 30 minutes per subject. Speaker's cards will be available in the Boardroom and are to be completed prior to discussion.*

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- Motion 8. Authorize the General Manager to Execute Task Order No. 2 with Brown and Caldwell for the Primary Digester No. 7 Project *(to be reviewed by the Engineering and Information Technology Committee)*.

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- Motion 9. Review and Approve Publicly Available Pay Schedule *(to be reviewed by the Personnel Committee)*.

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- Direction 10. Receive Centennial Open House Planning Update and Provide Direction.

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- Information 11. Legislative Update on Regional, State, and National Issues of Interest to the Board *(to be reviewed by the Legislative Committee)*.

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- Information 12. California Association of Sanitation Agencies (CASA) 2017 Annual Conference.

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- Information 13. Consultant Shortlists for Capital Improvement Projects *(to be reviewed by the Engineering and Information Technology Committee)*.

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## REVISED

Information

14. Check Register.
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Information

15. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*
- a. Personnel Committee – Wednesday, December 13, 2017, at 10:00 a.m.
    - Director Kite and Director Toy
  - b. Legal/Community Affairs Committee – Wednesday, December 13, 2017, at 11:30 a.m.
    - Director Fernandez and Director Lathi
  - c. Engineering and Information Technology Committee – Thursday, December 14, 2017, at 9:15 a.m.
    - Director Fernandez and Director Kite
  - d. Legislative Committee – Friday, December 15, 2017, at 11:30 a.m.
    - Director Lathi and Director Toy
  - e. Audit Committee – will not meet.
  - f. Budget & Finance Committee – will not meet.
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Information

16. General Manager's Report. *(Information on recent issues of interest to the Board).*
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17. Other Business:

- a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
  - b. Scheduling matters for future consideration.
- 

18. Adjournment – The Board will adjourn to the next Regular Meeting in the Boardroom on Monday, January 8, 2018, at 7:00 p.m.

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The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager's office at (510) 477-7503 at least 24 hours in advance of the meeting. THE PUBLIC IS INVITED TO ATTEND



**PERSONNEL COMMITTEE MEETING**  
Committee Members: Director Kite and Director Toy

**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**AGENDA**  
**Wednesday, December 13, 2017**  
**10:00 a.m.**

**Alvarado Conference Room**  
**5072 Benson Road**  
**Union City, CA 94587**

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

1. Call to Order  
\_\_\_\_\_
2. Roll Call  
\_\_\_\_\_
3. Public Comment  
\_\_\_\_\_
4. Items to be reviewed for the Special Board meeting of December 18, 2017:
  - Review and Approve Publicly Available Pay Schedule\_\_\_\_\_
5. Adjournment  
\_\_\_\_\_

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

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**LEGAL/COMMUNITY AFFAIRS COMMITTEE MEETING**  
Committee Members: Director Fernandez and Director Lathi

**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**AGENDA**  
**Wednesday, December 13, 2017**  
**11:30 a.m.**

**Alvarado Conference Room**  
**5072 Benson Road**  
**Union City, CA 94587**

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

1. Call to Order

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2. Roll Call

---

3. Public Comment

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4. Items to be reviewed for the Special Board meeting of December 18, 2017:

- **Balanced Scorecard:**
  - First Quarter FY 18 District-wide Balanced Scorecard Measures
  - Collection Services Work Group Process Scorecard

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5. Adjournment

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THE PUBLIC IS INVITED TO ATTEND

**REVISED**



**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**ENGINEERING & INFORMATION TECHNOLOGY  
COMMITTEE MEETING**

Committee Members: Director Fernandez and Director Kite

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

**AGENDA**

**Thursday, December 14, 2017**

**9:15 A.M.**

Karen W. Murphy  
*Attorney*

**~~Alvarado-Mission~~ Conference Room**

**5072 Benson Road**

**Union City, CA 94587**

**THIS MEETING WILL BE TELECONFERENCED WITH DIRECTOR KITE FROM THE EXTERIOR OF  
35040 NEWARK BOULEVARD, NEWARK, CALIFORNIA.**

1. Call to Order

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2. Roll Call

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3. Public Comment

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4. Items to be reviewed for the Special Board meeting of December 18, 2017:
  - Authorize the General Manager to Execute Task Order No. 2 with Brown and Caldwell for the Primary Digester No. 7 Project
  - Consultant Shortlist for Capital Improvement Projects

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5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings. The Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting). If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. If the subject is within the Board's jurisdiction but not on the agenda, the speaker will be heard at the time "Public Comment" is calendared. Oral comments are limited to three minutes per individual, with a maximum of 30 minutes per subject. Speaker's cards will be available and are to be completed prior to discussion of the agenda item.

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# REVISED



**LEGISLATIVE COMMITTEE MEETING**  
Committee Members: Director Lathi and Director Toy

**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**AGENDA**  
**Friday, December 15, 2017**  
**11:30 a.m.**

**Alvarado Conference Room**  
**5072 Benson Road**  
**Union City, CA 94587**

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

~~**THIS MEETING WILL BE TELECONFERENCE WITH DIRECTOR LATHI FROM THE GUEST PARKING AREA ON OCASO CAMINO, WEST OF THE INTERSECTION OF PASEO PADRE PARKWAY IN FREMONT, CALIFORNIA.**~~

1. Call to Order

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2. Roll Call

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3. Public Comment

---

4. Items to be reviewed for the Special Board meeting of December 18, 2017:
  - Legislative Update on Regional, State, and National Issues of Interest to the Board

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5. Adjournment

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THE PUBLIC IS INVITED TO ATTEND

**MINUTES OF THE SPECIAL MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT  
December 4, 2017**

**CALL TO ORDER**

President Kite called the meeting to order at 7:00 p.m.

**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

PRESENT: Pat Kite, President  
Anjali Lathi, Vice President  
Manny Fernandez, Secretary  
Jennifer Toy, Director  
Tom Handley, Director

STAFF: Paul Eldredge, General Manager  
Karen Murphy, District Counsel  
James Schofield, Collection Services Manager  
Armando Lopez, Treatment and Disposal Services Manager  
Sami Ghossain, Technical Services Manager  
Laurie Brenner, Business Services Team Coach  
Lily Moreno, Accounting and Financial Analyst  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

VISITORS: Alice Johnson, League of Women Voters  
Roelle Balan, Tri-City Voice Newspaper  
Brian Gruber, Lance, Soll, & Lunghard, LLP

**APPROVAL OF THE MINUTES OF THE MEETING OF NOVEMBER 13, 2017**

It was moved by Director Handley, seconded by Secretary Fernandez, to approve the Minutes of the Meeting of November 13, 2017. Motion carried unanimously.

**OCTOBER 2017 MONTHLY OPERATIONS REPORT**

This item was reviewed by the Budget & Finance and Legal/Community Affairs Committees. General Manager Eldredge provided an overview of the odor report, and Business Services Coach Brenner summarized the financial reports included in the Board meeting packet.

## **WRITTEN COMMUNICATIONS**

There were no written communications.

## **ORAL COMMUNICATIONS**

There were no oral communications.

## **CERTIFIED ANNUAL FINANCIAL REPORT (CAFR) FOR THE FISCAL YEAR (FY) ENDING JUNE 30, 2017**

This item was reviewed by the Audit Committee. Business Services Coach Brenner stated the District engages an independent accounting firm to audit the financial statements and records each fiscal year. There were no significant audit findings for FY 2017 as stated in the Government Auditing Standards letter from auditors Lance, Soll, & Lunghard, LLP, Certified Public Accountants. Staff recommended the Board receive and direct staff to file the Certified Annual Financial Report (CAFR) for the Fiscal Year ended June 30, 2017.

It was moved by Vice President Lathi, seconded by Director Toy, to Receive and Direct Staff to File the Certified Annual Financial Report (CAFR) for the Fiscal Year Ended June 30, 2017. Motion carried unanimously.

## **AUTHORIZE THE GENERAL MANAGER TO EXECUTE TASK ORDER NO. 2 WITH CAROLLO ENGINEERS FOR THE PRIMARY DIGESTER NO. 3 REHABILITATION PROJECT**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated Primary Digester No. 3, originally constructed in 1962, was last taken out of service for cleaning and assessment in 2010. Staff removed Primary Digester No. 3 from service in Spring 2017, and plan to clean and rehabilitate the Digester before placing it back in service. At its regular meeting held November 13, 2017, the Board awarded the construction contract for the Project to Monterey Mechanical Company. Staff recommended the Board authorize the General Manager to execute Task Order No. 2 with Carollo Engineers in the amount of \$94,517 for providing engineering services during construction of the Primary Digester No. 3 rehabilitation Project.

It was moved by Director Fernandez, seconded by Vice President Lathi, to Authorize the General Manager to Execute Task Order No. 2 with Carollo Engineers in the Amount of \$94,517 for Providing Engineering Services During Construction of the Primary Digester No. 3 Rehabilitation Project. Motion carried unanimously.

**CONSIDER A RESOLUTION TO ACCEPT THE CONSTRUCTION OF THE FORCE MAIN CORROSION REPAIRS PROJECT PHASE 1 FROM CRATUS, INC. AND AUTHORIZE RECORDATION OF A NOTICE OF COMPLETION**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the District operates and maintains the transport system that consists of three pump stations, three lift stations, and approximately 12 ½ miles of twin force main pipelines to convey wastewater to the Alvarado Wastewater Treatment Plant. Following a visual inspection inside all 78 force main manholes, Carollo Engineers reviewed the data and recommended all corroded elements within the 78 manholes be rehabilitated or replaced. The Board awarded the Phase 1 construction contract to Cratus, Inc. on June 12, 2017, and the project was substantially completed on October 6, 2017. The construction contract included five change orders, the change orders have been executed, and the District has assumed beneficial use of the Project. Staff recommended the Board consider a resolution to accept the construction of the Force Main Corrosion Repairs Project Phase 1 from Cratus Inc., and authorize recordation of a Notice of Completion.

It was moved by Director Fernandez, seconded by Director Handley, to Adopt Resolution No. 2821 Accepting Construction of the Force Main Corrosion Repairs Project Phase 1 Located in the Cities of Fremont, Newark, and Union City, California, from Cratus, Inc. Motion carried unanimously.

**INFORMATION ITEMS:**

**Status of Priority 1 Capital Improvement Program Projects**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the Board approved the Capital Improvement Program (CIP) Budget for Fiscal Year 2018 (FY18) in the amount of \$10.08 million for design and construction of 30 CIP projects. The 30 projects were ranked as Priority 1, 2, or 3 based upon criteria prepared by staff and approved by the Executive Team. The status of Priority 1 projects is reviewed by the Executive Team at the end of each quarter, and a copy of the status report was included in the Board meeting packet for review. For FY18, 10 projects were ranked as Priority 1, and the remaining 20 are ranked as Priority 2 or 3.

**First Quarterly Report on the Capital Improvement Program for FY 18**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated first quarter expenditures for FY18 were presented on budget projection graphs included in the Board meeting packet. The graphs depict actual expenditures versus approved budget for Capacity Fund 900, Renewal and Replacement Fund 800, as well as for both funds combined. Total CIP expenditures up to September 30, 2017, were under projections by approximately \$40,000.

**Check Register**

All questions were answered to the Board's satisfaction.

**Report on the East Bay Dischargers Authority (EBDA) Meeting of November 16, 2017**

Director Toy provided an overview of the EBDA meeting minutes included in the Board meeting packet.

**COMMITTEE MEETING REPORTS:**

The Engineering and Information Technology, Legal/Community Affairs, Budget & Finance, and Audit Committees met.

**GENERAL MANAGER’S REPORT:**

General Manager Eldredge reported the following:

- Introduced Lily Moreno, recently hired as an Accounting and Financial Analyst.
- The Union City Council will review a proposal for the property adjacent to the District’s Plant at its regular meeting to be held December 12, 2017.
- A Board Special Meeting Closed Session will be held at 5:30 p.m. on December 12, 2017.
- The Board was invited to attend the annual District Staff Holiday Potluck on December 7, 2017.
- EBDA General Manager interviews will be held soon, and USD will be assisting with the interview process.
- The California Association of Sanitation Agencies (CASA) Winter Conference will be held January 24 – 26, 2018, in Palm Springs. Registration will end January 9, 2018, and the Conference will include a session titled “Pensions and Politics” which will focus on pensions and PERS.
- The CASA Washington DC Policy Forum will be held February 26-28, 2018, and registration will end February 2, 2018.

**OTHER BUSINESS:**

There was no other business.

**ADJOURNMENT:**

The meeting was adjourned at 7:44 p.m. to the next Special Board Meeting in the Boardroom on Monday, December 18, 2017, at 7:00 p.m.

SUBMITTED:

ATTEST:

\_\_\_\_\_  
REGINA McEVOY  
BOARD CLERK

\_\_\_\_\_  
MANNY FERNANDEZ  
SECRETARY

APPROVED:

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PAT KITE  
PRESIDENT

Adopted this 18<sup>th</sup> day of December 2017



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**DATE:** December 18, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Laurie Brenner, Business Services Coach

**SUBJECT:** Agenda Item No. 5a - Meeting of December 18, 2017  
Information Item: **First Quarter FY 18 District-Wide Balanced Scorecard Measures**

**Recommendation:**  
Information Only.

**Background:**

This report summarizes progress meeting the District's strategic objectives for the first quarter of fiscal year 2017-18 (July 1 through September 30, 2017).

Safety

The District met published targets for all Safety measures in the first quarter of FY 18. Efforts to schedule "Best Practice" safety site visits will resume in January 2018.

See Table 1: Safety Objectives and Measures, for District performance against all safety measures in Q1.

## Operational Excellence

The District also met all published targets for the Operational Excellence measures in Q1 of FY18.

The “pending” values reported for % Plant Asset Renewal and % CS/Transport Renewal in the Annual Report have been updated (post-year end close) and are 2.31% and 0.47% respectively (not shown on the quarterly scorecard). These values can be compared to 2.52% and 0.45% for the prior year. These are “Track and Report” only measures.

There were 4 recorded assessments completed for the “# Competency assessments...” measure in CS, against the planned total of 65 for the year. The trend in recent years has been limited progress against the goal during the first half of the year, with concerted efforts in completing assessments in the latter part of the fiscal year. This is not believed to be a material concern.

See Table 2: Operational Excellence Objectives and Measures, for District performance against all operational measures in Q1.

### Legend for Table 1 and Table 2:

Green: meeting or exceeding target or projected to meet target by the end of the fiscal year

Yellow: Will not meet target if trend continues, and/or not meeting target by <10%- needs attention

Red: Will not meet FY target by >10%- corrective action needed

**Table 1: Safety Objectives and Measures**

Measures	Q1 FY18	FY18 Target	YTD	FY17	FY16	FY15	Comments
Total accidents with lost days	0	0	0	1	2	3	
Other OSHA reportable accidents	0	<4	0	2	0	0	
# Incidents of vehicle or equipment accidents/damage	0	<2	0	1	3	3	
Cost associated with vehicle/equipment accidents	\$0	<\$5000	\$0	\$0	\$540	\$444	
Ave FTE lost time	0	<0.5	0	0.15	0.145	0.4875	
"Total Costs: Lost time wages only	\$0	≤\$46,883	\$0	\$16,450	\$9,883	\$48,903.84	
Ave FTE limited duty time	0	≤0.5	0	0.15	0.12	0.53	Negligible hours for limited duty known, but time tracking problem impacted reporting; research and solution in progress
"Total costs: Limited duty/Other ½ wages	\$0	≤\$23,441	\$0	\$9,517	\$4,775	\$26,545.28	
X-Mod	0.78	≤1.0	0.78	0.72	1.01	1.16	
# Facility inspections completed (SIT)	1	4	1	4	4	4	Q1-Collections and FMC buildings/areas
% of areas of concern identified during SIT resolved within 45 days of	92%	≥90%	92%	97%	90%	95%	Q1= 30/33 resolved
# work site inspections completed	102	≥282	102	297	337	300	Slight increase in target (275 to 282)
# site visits (for potential BMPS)	0	≥2	0	0	1	2	Scheduling attempts should resume after January, 2018
# GM communications on safety	2	≥4	2	8	8	9	Color coding plant vaults and manholes and field staff exposure To poison oak
# of major safety training events offered	2	7	2	15	1	8	Q1= Battery Handling/Charging; Industrial and Office Ergonomics
Ave. % of targeted employees trained	90.85%	≥90%	90.85%	95.1%	77.8%	80%	154/171 in the two Q1 trainings

**Table 2: Operational Excellence Objectives and Measures**

Measures	Q1 FY18	FY17 Target	YTD	FY17	FY16	FY15	Comments
Outreach plan milestones: % completed	26.23%	≥90%	26.23%	98.4%	92.8%	94%	
Response time to calls for service: % under 1 hour	97.50%	≥95%	97.50%	97.3%	97.5%	97.7%	
Response time to contact USD inquiries	100%	≥90%	100%	96.5%	96.9%	96.4%	
# Total adverse impacts on customers	2	≤10	2	4	10	5	2 confirmed odor complaints of all received; one associated with a manhole; one associated with treatment plant equipment
# Emergency preparedness events	1	3	1	3	2	5	
Residential SSC compared to surrounding areas	11.50th	Below the 33rd percentile	11.50th	11.50th	11.50th	15.3rd	
projects/initiatives with financial benefit	3	≥3	3	3	3	3	
# Critical asset failures w/o negative impacts	0	≤2	0	0	0	0	
# critical asset failures with negative impacts	0	0	0	0	3	2	
Priority CIP Project milestones met vs. planned	100%	≥85%	100%	93.3%	63%	92%	
# adverse impacts on environment	0	0	0	1	1	2	
projects/initiatives with environmental benefit	3	≥3	3	3	3	3	
Category 2/3 SSOs	0	≤10	0	3	5	4	

% Training System Milestones Completed (cumulative total)	29.4%	100%	29.4%	100%	76%	100%	
# competency assessments completed	4	65	4	74	58	60	



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Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**DATE** December 18, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul Eldredge, General Manager/District Engineer  
James Schofield, Collection Services Manager

**SUBJECT:** Agenda Item No. 5.b - Meeting of December 18, 2017  
Information Item: **Collection Services Process Scorecard**

## **Recommendation**

Information only

## **Background**

We are in our seventeenth year of using this Process Scorecard. This planning tool continues to be very useful in maintaining our focus on the prevention/reduction of sanitary sewer overflows and minimizing their impacts on our customers and the environment.

Collection Services ensures that wastewater is kept in the gravity system from the point of entry by the customer, until it is received and processed at the transport system and the treatment plant.

In order to achieve the goal of SSO prevention/reduction, there are five processes that need to be done well.

## **System Management**

- 72 Month cleaning and inspection of the entire system
  - Currently piloting an 84 Month PM schedule
- Effective selective line cleaning program
- Easement maintenance

### **Pipe Assessment**

- Televising to determine condition
- Address structural deficiencies through spot repairs or capital improvements
- Address pipe capacity issues

### **Control Roots**

- Mechanical removal
- Chemical treatment

### **Control Fats, Oils, and Greases**

- More frequent cleaning of selected lines
- Reduce entry into our collection system at the source

### **Service Requests**

- Timely response
- Customer satisfaction

Performance targets are based on the amount of work that needs to be done to support the 72 Month sewer cleaning and inspection, selective cleaning, and root control program, and productivity standards originally developed by the Collection System Collaborative Benchmarking Group, in which USD participated, and later enhanced based on the results of an internal USD study.

Collection Services workgroup employees are updated monthly on their performance. With this focused effort to prevent/minimize spills, we have managed to maintain a low number of spills and claims from spills this past year. In FY17 the District experienced 1 category 1 spill and 3 category 3 spills with a total estimated volume of 860 gallons. In FY18 Qtr1 the District experienced zero spills.

Objectives	FY18 Collection Services BSC Measures	Qtr 1	FY 18 To Date	FY 18 Target
<b>Customer Perspective:</b>				
Minimize Overflows SSO's	# of Category 3 SSOs	0 SSOs	0 SSOs	≤ 10 Category 3 SSOs
	# of Category 2 SSOs	0 SSOs	0 SSOs	• Zero Category 2 SSOs
	# of Category 1 SSOs	0 SSOs	0 SSOs	• Zero Category 1 SSOs
Minimize Negative Impact on Environment	Percent of spill recovery	0.0% Recovery	0.0% Recovery	• 50% Recovery
	SSO's # of Repeats	0 SSO Repeats	0 SSO Repeats	• Zero Repeats
Manage and maintain assets and infrastructure	Critical Asset Failures	0 Asset failure	0 Asset failure	• Asset failure
	Stoppage in > 12" diameter mainline	0 Stoppages	0 Stoppages	• Zero Stoppages
	# of times building becomes dangerous or unsuitable for occupation.	0 Incidents	0 Incidents	• Zero Incidents
	Critical asset failure with a negative impact on customers or the environment	0 Incidents	0 Incidents	Zero Incidents
Provide Uninterrupted Service	Response Time from notification thru initial contact includes dispatch time	97.5% w/i 1 hour	97.5% w/i 1 hour	≥ 95% w/i 1 hr
Reduce negative impacts of District	Number of odor complaints attributable to sewer.	0 Odors	0 Odor	≤ 2 Odor
<b>Financial Perspective:</b>				
Provide competitive service Cost per feet/day	Cleaning – cost per ft/day/crew	\$0.67 Per ft	\$0.67 Clean Per Ft	Clean - \$0.155 to \$0.86
	Televising – cost per ft/day/crew	\$1.09 Per ft	\$1.09 TV Per Ft	TV - \$1.46 to \$0.84
Minimize Claims & Fines	Total Cost of Claims/Fines (from SSO's)	\$0 Total Claims	\$0 Total Claims	Claims ≤\$2000
		\$0 Total Fines	\$0 Total Fines	Fines-\$0
	Average cost per claim/fine	\$0 Avg Claims	\$0 Avg Claims	Claims ≤\$1000
		\$0 Avg Fines	\$0 Avg Fines	Fines-\$0
<b>Internal Process Perspective:</b>				
Trouble Call & SSO response	Response Time	97.5% w/i 1 hour	97.5% w/i 1 hour	≥ 95% w/i 1 hr
Pipe/Problem Assessment	Number of Repeat Spills	0 Zero	0 per year	≤ 2 per year
Preventative Maint. Program	Cleaning Goal Footage % Complete	25.5% % Complete	25.5% YTD % Complete	Annual Goal = 100%
	Televising Goal Footage % Complete	32.9% % Complete	32.9% YTD % Complete	Annual Goal = 100%
Cleaning Feet per crew day	Per Month Cleaning Footages	91,335 Avg Ft Per Mo	91,335 Avg Mo	89,390 Mo; 1,072,685 YE
	o Feet Per Crew/Day	2,635 Ft Per Crew/Day	2,635 AvgFt Per Crew/Day	2,500 to 4,500 Per Crew Day
Televising Feet per crew day	Per Month Televising Footages	88,614 Avg Ft Per Mo	88,614 Avg Mo	67,300 Mo; 807,595 YE
	o Feet Per Crew/Day	2,272 Ft Per Crew/Day	2,272 Avg Ft Per Crew/Day	2,000 to 3,500 Per Crew Day
Key Vehicles not Available For Preventative Maintenance	Days Per Mo 2 Hydrojets Not Available	0 Days	0 Days	< 3 Days
	Days Per Mo 2 TV Vans Not Available	0 Days	0 Days	< 3 Days
<b>Learning &amp; Growth:</b>				
Maintain and increase employee skills	# Training modules updated & taught	2 Module	2 Modules	7
	# of Training Modules w/instructions completed			N/A
	# of individual Competency Assessments passed	4 Assessments	4 Assessments	65
Communicate Performance Data to Teams	# of time info shared with Team	3 Min. per mo	3 Min. per mo	12 Total, Min. 1 per/mo



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**DATE:** December 11, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Manager of Technical Services  
Raymond Chau, CIP Coach  
Curtis Bosick, Associate Engineer

**SUBJECT:** Agenda Item No. 8 - Meeting of December 18, 2017  
**Authorize the General Manager to Execute Task Order No. 2 with Brown and Caldwell for the Primary Digester No. 7 Project**

### **Recommendation**

Staff recommends the Board authorize the General Manager to execute Task Order No. 2 with Brown and Caldwell in the amount of \$1,476,301 for providing final design services for the Primary Digester No. 7 Project (Project).

Funds for the Project have been budgeted in the Capacity Fund.

### **Background**

On November 23, 2015, the Board authorized the General Manager to execute an agreement and task order with Carollo Engineers to determine the current capacity of the treatment plant for the removal of conventional pollutants (BOD, TSS) for all unit processes, operations, and associated conveyance systems, including but not limited to sludge degritting, gravity thickening, gravity belt thickening, anaerobic digestion, and sludge dewatering. Among other things, results from this assessment concluded that current biosolids loadings for anaerobic digestion have reached the original design capacity with all digesters in service. Additionally, it was determined that Primary Digester No. 6, the largest existing digester, cannot reliably be taken out of service for cleaning and maintenance until additional digestion capacity is provided.

On November 14, 2016, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with Brown and Caldwell in the amount of \$127,577 for the predesign services associated with the Project. The scope of these services included: an evaluation of alternative digester bottom, cover, and mixing configurations/technologies, an analysis of the existing digester heating, conveyance, and electrical systems, recommendations for struvite management; and key Bay Area Air Quality Management District (BAAQMD) permitting considerations. In addition, the predesign included a siting analysis for locating new facilities and equipment, an evaluation of construction impacts and project sequencing requirements, and the generation of a preliminary construction cost estimate and project schedule. The Preliminary Design Report summarizing Brown and Caldwell's findings and recommendations was submitted on October 9, 2017.

### **Project Scope**

Based on the results of the Preliminary Design Report, Staff identified the following major scope items to be included in the Project's final design:

- Construction of a new anaerobic digester, Primary Digester No. 7, with an effective volume of approximately 1.8 million gallons. The volume of the largest existing anaerobic digester, Primary Digester No. 6, is approximately 1.5 million gallons.
- Installation of new heating, mixing, and conveyance equipment and piping within or adjacent to existing Heating and Mixing Building No. 4.
- Integration of new digester equipment and piping with existing digester feed, withdrawal, transfer, heating and gas systems.
- Improvements to the existing sludge conveyance and transfer systems.
- Improvements to existing digester heat generation and conveyance systems.
- Installation of electrical and instrumentation equipment for interfacing with existing electrical systems and controls.
- Replacement of Boiler No. 6 and related plant hot water loop improvements.
- Installation of a new chemical storage and pump facility for the purposes of hydrogen sulfide and struvite management.

### **Design Services**

Brown and Caldwell prepared a scope of services for the design of the Project and the fee of Task Order No. 2 is summarized below:

<b>Task No.</b>	<b>Task Description</b>	<b>Fee</b>
1	Project Management – Development of Project Management Plan and Kickoff Meeting	\$35,231
2	Project Support Services – Geotechnical Investigation, CEQA Assistance, Air Permitting Services, and Topographic Survey	\$218,775
3	Pre-design Services – Improvements to Sludge Conveyance and Transfer Systems, Boiler No. 6 Replacement, and New Chemical Facility	\$44,485
4	Design Services – Preparation of Drawings, Specifications, and Cost Estimate	\$1,135,204
5	Bid Period Services – Attend Prebid Conference and Preparation of Addenda	\$42,606
<b>Total Task Order Not to Exceed Fee</b>		<b>\$1,476,301</b>

In addition to the pre-design services for related digester facilities and preparation of the design documents, Brown and Caldwell will perform the following subtasks:

1. Conduct a geotechnical investigation of the Project site, which shall include obtaining the services of a drilling contractor to collect subsurface soil samples.
2. Assist the District in preparing and filing for a negative declaration under the California Environmental Quality Act (CEQA) requirements.
3. Prepare the application to the BAAQMD for the air permits required to construct the Project and to operate the new facilities.
4. Perform a topographic survey of the Project site, which shall include obtaining the services of a licensed surveyor and establishing a benchmark to be used during design and construction.

Brown and Caldwell initially submitted a not-to-exceed fee proposal of \$1,846,335 and staff negotiated this down to \$1,476,301. The construction cost of the new digester is estimated to be approximately \$9.32 million, excluding the replacement of Boiler No. 6, plant hot water loop improvements, and the new chemical storage and pump facility. With these improvements, the construction cost could be as high as \$13 million.

The not-to-exceed fee of \$1,476,301 is 11.4% of the preliminary construction estimate of \$13 million. The fee percentage is high but is not unusual for projects that include extensive subtasks such as the geotechnical, environmental, permitting, and surveying efforts outlined above. For example, the Cogeneration Project that was constructed in 2014 had a 12% design-to-construction estimate rate. The Cogeneration Project required significant permitting, PG&E coordination, and grant fund application efforts during the design phase.

The \$1,476,301 fee includes a budget of \$119,221, or 8.1% for four subconsultants to perform the geotechnical investigation services, environmental evaluation services, and site surveys. In addition, the air permitting services that will be provided by Brown and Caldwell's staff has a budget of \$73,797, or 5%. This level of effort is required due to the depth of the excavation and the necessary shoring to construct the digester tank, the potential impacts to various environmental factors, and the potential changes to the current BAAQMD air permit conditions for the wastewater treatment plant. Due to the complexity of the Project and the need to carefully evaluate potential site and permit requirements, staff believes the design and total not-to-exceed fees to be reasonable.

The total fee for the Project's agreement with Brown and Caldwell are summarized in the table below:

<b>Description</b>	<b>Fee</b>
Task Order No. 1 – Preliminary Design	\$127,577
Amendment No. 1 to Task Order No. 1 – Air Permitting Support	\$18,969
Task Order No. 2 – Final Design	\$1,476,301
<b>Total for this Agreement</b>	<b>\$1,622,847</b>

Staff anticipates Brown and Caldwell will complete the design of the Project by July 2018. Staff anticipates the Project will be bid in September 2018 with construction to begin in November 2018.

Staff recommends the Board authorize the General Manager to execute Task Order No. 2 with Brown and Caldwell in the amount of \$1,476,301 for providing final design services for the Primary Digester No. 7 Project.

PRE/SEG/RC/CB:dl

Attachments: Figure 1 – Site Plan  
Task Order No. 2

FIGURE 1 – PRIMARY DIGESTER NO. 7 PROJECT



# PRIMARY DIGESTER NO. 7 PROJECT

TASK ORDER NO. 2

to

AGREEMENT

BETWEEN

UNION SANITARY DISTRICT

AND

BROWN AND CALDWELL

FOR

PROFESSIONAL SERVICES

Dated November 15, 2016

## 1. PURPOSE

The purpose of Task Order No. 2 is to provide design and bid period engineering services for the Primary Digester No. 7 Project (Project).

Anticipated major improvements and modifications included under this Task Order are as follows:

- Primary Digester No. 7: Engineer shall design one new 1.8 million gallon anaerobic digester, with a cone bottom, submerged-fixed cover, and pump mixing, in accordance with the preliminary design report prepared under Task Order No. 1.
- Iron Salts Chemical Facility: Engineer shall design a new chemical facility for the purposes of hydrogen sulfide and struvite management in the digesters.
- Hot Water Boiler: Engineer shall design a new hot water boiler and overall improvements to the plant hot water loop.
- Existing Facility Improvements: Design shall include all associated process connections, modifications to existing Heating and Mixing Building No. 4, modifications to existing electrical and control

systems, and other necessary modifications/improvements to the Alvarado WWTP's existing digester feed, withdrawal, transfer and heating systems.

- Air Permitting Services: Engineer shall provide assistance in preparing required air permit documentation and application.
- Geotechnical Investigation: Engineer shall conduct a geotechnical soils investigation to assess the characteristics of the existing soils and presence of potential hazardous materials.
- Topographic Survey: Engineer shall perform a topographic survey to be used in conjunction with as-built documentation to create base mapping for the design drawings.

## 2. PROJECT COORDINATION

All work related to this task order shall be coordinated through the District's Project Manager, Curtis Bosick.

## 3. SCOPE OF SERVICES

The task numbers in this Scope of Services are associated with the cost data presented in Exhibit A.

### Task 1: Project Management

#### Task 1.1 – Project Management

The Engineer shall manage the coordination and oversight of the Engineer's staff and administration of the contract, including project management plan development, project resources oversight, quality, costs, deliverables and schedule, periodic status calls, monthly progress reporting, invoicing, and coordinating communications between the Engineer's staff and District staff.

The project management plan will include a quality assurance/quality control (QA/QC) plan. QA/QC reviews for deliverables will be performed under each task.

Additionally, Engineer shall maintain a risk register, action item log and decision log to track and document project risks, decisions and action items. It is assumed that the duration of activities will not exceed the 10-month schedule provided with this scope of work.

### Task 1.2 – Kickoff Meeting

The Engineer shall conduct a project kickoff meeting within two weeks of the notice-to-proceed (NTP). The meeting shall present the recommended project established in Task Order No.1 and review the District's design standards. The Engineer shall develop and distribute an agenda and presentation before the start of the meeting. Engineer shall also provide a summary of the meeting results, decisions, and action items. Three members of the Engineer's project team shall attend a kickoff meeting located at the District's Office.

### Task 2: Project Support Services

#### Task 2.1 – Geotechnical Investigation

Engineer shall perform a geotechnical investigation, which shall include obtaining the services of a driller and geotechnical engineer to perform subsurface investigation, laboratory testing, and reporting. The subsurface investigation shall include two soil borings of 50 to 60-foot-depth and two cone penetrometer tests of 100-foot-depth. Geotechnical engineer shall analyze lab results and summarize the results of the investigation in a geotechnical report. This report will inform the Engineer's structural design criteria and be appended to the bid documents.

#### Assumptions:

- Engineer shall prepare performance-based specifications for all associated excavation, dewatering and shoring activities to be designed by the construction contractor.
- The geotechnical subconsultant shall be responsible for obtaining any required permits for the work.

#### Task 2.2 – CEQA Assistance

Engineer shall prepare documentation to assist the District complying with California Environmental Quality Act (CEQA) requirements. CEQA compliance will include completion of an Initial Study/Negative Declaration (IS/ND) process. This process will include preparation of a draft and final Initial Study, circulation of the proposed IS/ND for public and agency review, response to comments, and adoption of the IS/ND by the District's Board of Directors.

### Task 2.3 – Air Permitting Services

Engineer shall assist the District in preparing an air permit application for the project with the Bay Area Air Quality Management District (BAAQMD). The digester requires an air permit as a new source, and the BAAQMD has recently used new source applications, especially for digester systems, to initiate an overall review for hydrogen sulfide (H<sub>2</sub>S) (Regulation 9, Rule 2). The new hot water boiler also requires an air permit as a new source.

The Engineer shall work with the District to collect and develop required information for the air permit application.

The Engineer shall prepare the permit application package for the necessary BAAQMD actions in accordance with BAAQMD rules and regulations. The permit application package will follow the Engineer's usual format and will include:

- An itemization of the necessary actions by the BAAQMD.
- A project description explaining each component and its relationships to other components and the existing plant. This is also the section in which any discussion about construction activities would be included.
- Emission estimates for the new and/or modified sources. Estimates will be included for criteria pollutants and Toxic Air Contaminants (TACs), especially H<sub>2</sub>S. Emission estimates for the existing plant will be derived from the most recent BAAQMD annual fee statement. These emission estimates will be subjected to a critical review before being used. Any errors found in the BAAQMD emission estimates may result in adjustments in future fee statements as well.
- BACT discussion describing how BACT was determined and how the project complies.
- Toxics discussion comparing emission estimates for TACs to the respective trigger levels contained in Regulation 2, Rule 5 to determine whether a risk assessment is required. If a risk assessment is needed, it will be performed by the BAAQMD staff. Only in the unlikely case that the project fails a BAAQMD risk assessment will BC get involved in actually preparing a refined risk assessment. Such an effort is not included in this scope of work.
- BAAQMD-required application forms will be completed and incorporated.
- Manufacturer and design information will be included as appropriate.
- Required drawings will be included.

- Regulatory compliance discussion in which a listing of the applicable regulations will be compiled along with a discussion about how the project will comply with each. With respect to Regulation 9, Rule 2, the BAAQMD will almost certainly perform modeling on H<sub>2</sub>S releases to determine compliance. BC will only get involved in the modeling through reviewing the BAAQMD modeling and results. Only if additional modeling is necessary would BC actually conduct modeling. Modeling efforts are not included in this scope of work.

The Engineer shall address Title V applicability. BAAQMD emission estimates will be used for existing equipment along with the Engineer's estimates for modified equipment. Engineer shall develop a Title V applicability spreadsheet. This spreadsheet can then be used in the future when contemplating potential projects to estimate whether Title V permit requirements would be triggered.

CEQA compliance will be required before the BAAQMD can issue permits for the new and modified sources.

Assumptions:

- The subject of this application will be the new Digester 7 and new hot water boiler. No other emission sources are expected to be impacted.
- Requested information will be readily available and will be provided in a timely manner.
- Design teams will incorporate equipment that will meet emission limitations contained in applicable regulations or in BACT determinations.
- Emission Offset requirements will not be triggered.
- No air dispersion modeling, health risk assessment, or monitoring will be necessary.
- Neither a Title V permit or a PSD permit will be required. Engineer will develop an ongoing Title V spreadsheet, which we will use to assess the applicability of Title V to the USD plant.
- Engineer cannot control BAAQMD's review time, schedule, or number of requests for additional information. Any delays or extra work associated with BAAQMD's requests will be extra work.

Task 2.4 – Topographic Survey

Engineer shall obtain the services of a licensed surveyor to perform a topographic survey of the project sites. The survey will be based on horizontal survey control tied to existing monuments and the District's plant vertical datum

bench marks. Surveying information to be used in conjunction with as-built documentation to create the base mapping for the design drawings. Engineer shall also require surveyor to establish a local benchmark for the contractor's use during construction. The survey will cover the planned Digester 7 area (existing surface elevations and corners of proximate buildings), planned iron salts area (existing surface elevations and corners of proximate buildings), digested sludge transfer pipe alignment (existing surface elevations, visible utilities within 5 feet of either side of alignment, and corners of proximate buildings), and structural elevations affecting digested sludge transfer hydraulics (overflow box elevations for Digesters 1 through 6, transfer pump suction elevation, secondary digester operating elevation, and transfer tank elevations).

### Task 3: Predesign of New Scope Items

Engineer shall perform preliminary design activities for the new scope items which were not evaluated in the prior work: new boiler and plant hot water loop (PHWL) modifications; iron salts chemical facility; and digested sludge transfer pump equipment. The preliminary design activities will establish process design criteria, locations and scope of work. The basis of design for new scope items will be documented in a technical memorandum.

### Task 4: Preparation of Contract Documents

Engineer shall prepare and submit 50 and 90 percent and final design drawings, specifications and cost estimate for District review. Engineer shall incorporate District's review comments into subsequent design submittals.

#### Assumptions:

- The District will provide front end documents for inclusion in the bid documents.
- The District will provide compiled review comments within three weeks of each design submittal. The 50 and 90 percent submittal review meetings will be conducted during the first review week.
- Drawings and specifications will conform to USD Capital Improvement Projects Design Standards, June 2013.
- Design will take into consideration the results from the District's Sea Level Rise Study, dated June 2013.
- Hazardous materials will not be encountered as part of the project.

- Electronic drawings and technical specifications for the project will be submitted for the final submittal. Electronic specifications will be in Word format and electronic drawings will be in AutoCAD format.
- The District will perform any potholing investigation required for the project.
- Hot water boiler design level of effort does not include a selective catalytic reduction system.

#### Task 5: Bid Period Services

Engineer shall support District's bidding efforts on an as-requested basis. Anticipated services include preparation of addenda, if necessary.

##### Task 5.1 – Attend Pre-Bid Meeting

Engineer shall attend pre-bid meeting led by District staff. Engineer's role in the meeting will be to answer questions related to technical requirements of the contract where answers are known and present in the documents, and accept any questions that may require further clarification through issuance of addenda.

##### Task 5.2 – Prepare Addenda

Engineer shall prepare up to two addenda and respond formally to contractor's submitted questions.

##### Assumptions:

- District will be the primary contact for the contractor's technical questions during the bid period.
- District will print and distribute bid documents and addenda.
- Up to two addenda will be required.

#### 4. DELIVERABLES

##### Task 1: Project Management

##### Task 1.1 – Project Management

- Monthly invoices and progress reports (PDF)
- Project management plan (PDF)

- QA/QC plan (PDF)
- Risk register (PDF)

Task 1.2 – Kickoff Meeting

- Meeting agenda and minutes (PDF)

**Task 2: Project Support Services**

Task 2.1 – Geotechnical Investigation

- Geotechnical report (PDF)

Task 2.2 – CEQA Assistance

- Negative declaration report (PDF)

Task 2.3 – Air Permitting

- BAAQMD air permit application (PDF)
- Title V calculation spreadsheet

**Task 3: Predesign of New Scope Items**

- Design criteria technical memorandum describing the hot water boiler, iron salts, and transfer pipe and pumping system basis of design (PDF)

**Task 4: Preparation of Contract Documents**

- 50 percent design submittal (PDF)
- Response to 50 percent design comments (PDF)
- 90 percent design submittal (PDF)
- Response to 90 percent design comments (PDF)
- Final design submittal (PDF, MS Word, CAD)
- Submittal review meeting agendas and minutes (PDF)

**Task 5: Bid Period Services**

- Response to bid period questions, as required (PDF)
- Two addenda, as required (PDF)

## 5. DIGITAL SUBMITTAL REQUIREMENTS

The Engineer shall submit one electronic copy of the final base map that shows the project area in accordance with the following:

Digital files submitted shall be based on accurate coordinate geometry calculations and the California State Plane Coordinate System, Zone III in feet, NAD83. The digital file submitted shall be in AutoCAD Release 2000 or later, “.dwg” or “.dxf” (digital exchange format) format and shall be in one (1) drawing file containing all layers, illustrating all existing and proposed improvements within the project area as well as any off-site work associated with the project. Descriptive information (i.e. text) may be included in the appropriate layer, or added as a separate layer. Submitted digital files shall be in accordance with these minimum requirements, or as otherwise approved by the District. Submit these digital files on a CD or via an FTP site.

Each submittal shall be labeled with the project name, project number, company name, address and phone number.

All drawings shall use the California State Plane Coordinate System – Zone 3 in units of feet. The horizontal datum shall be the North American Datum of 1983 (NAD83) in units of feet and the vertical datum shall be the North American Vertical Datum of 1988 (NAVD88) in units of feet, or other datum as authorized by the District.

All files shall be uncompressed. Compressed files are acceptable only when using the WinZip utility or if the appropriate software to uncompress the data is provided.

All drawing files shall have a North orientation of vertical (i.e. toward the top of the page).

Layer colors, line types and line weights shall be left to the discretion of the Engineer.

Submitted AutoCAD files shall NOT contain external reference or nested external reference files. All external references shall be bound into the drawing.

6. EQUIPMENT AND PIPELINE SCHEDULES

The Engineer shall provide a schedule in the design plans that list the equipment to be demolished or replaced and new equipment to be installed in the Project. The schedule shall contain at a minimum the Hansen equipment number, equipment name, location, horsepower/size, and other pertinent information associated with the equipment.

The Engineer shall provide a schedule in the design plans that list the 6-inch minimum diameter underground pipelines to be demolished or replaced and new 6-inch minimum diameter underground pipelines to be installed in the Project. The schedule shall contain at a minimum the start and end points of the pipeline, diameter, length, material, schedule/thickness, coating, lining, type of joints, service, and test method/pressure.

7. PAYMENT TO THE ENGINEER

Payment to the Engineer shall be as called for in Article 2 of the Agreement. The Multiplier for this work shall be 3.22, the profit shall be 13 percent, and the not-to-exceed amount shall be \$1,476,301. A summary of the anticipated distribution of cost and manpower between tasks is shown in Exhibit A.

The following table summarizes the previously-executed and proposed task orders and amendments under the Agreement:

<b>Task Order / Amendment</b>	<b>Not to Exceed Amount</b>	<b>Board Authorization Required? (Yes/No)</b>	<b>District Staff Approval</b>
Task Order No. 1 – Pre-design Services	\$127,577	Yes	Paul Eldredge
Amendment No. 1 to Task Order No. 1 – Air Permitting Support	\$18,969	No	Sami Ghossain
Task Order No. 2 – Final Design Services	\$1,476,301	Yes	Paul Eldredge
<b>Total</b>	<b>\$1,622,847</b>		

8. TIME OF COMPLETION

All work defined in this Task Order shall be complete in 296 calendar days after the execution of this Task Order and subject to the conditions of Article 3 of this Agreement. A summary of the anticipated work sequence is shown in Exhibit B. The anticipated milestone dates are as follows:

Deliverable/Workshop	Anticipated Date
Project Kickoff Meeting	December 13, 2017
Technical Memorandum – Basis of Design for New Scope Items	Week of January 29, 2018
50 Percent Design Submittal	3 months after Kickoff (week of March 12, 2018)
90 Percent Design Submittal	2 months after 50 Percent Review comments are received from District (week of May 28, 2018)
Final Design Submittal	1 month after 90 Percent Review comments are received from District (week of July 9, 2018)

9. KEY PERSONNEL

Key engineering personnel assigned to this Task Order No. 2 are as follows:

<u>Role</u>	<u>Key Person to be Assigned</u>
Principal-in-Charge	Grace Chow
Project Manager	Adam Ross
Project Engineer	Tom Chapman
Process Engineer	Mallika Ramanathan
Permitting Support	Paul Scheidegger
Geotechnical Support	Dave Mathy

Key personnel shall not be changed except in accordance with Article 8 of the Agreement.

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Order No. 2 as of December \_\_\_\_, 2017 and therewith incorporate it as part of the Agreement.

DISTRICT

ENGINEER

Union Sanitary District

Brown and Caldwell

By: \_\_\_\_\_  
Paul R. Eldredge, P.E.  
General Manager/District Engineer

By: \_\_\_\_\_  
Grace Chow, P.E.  
Vice President

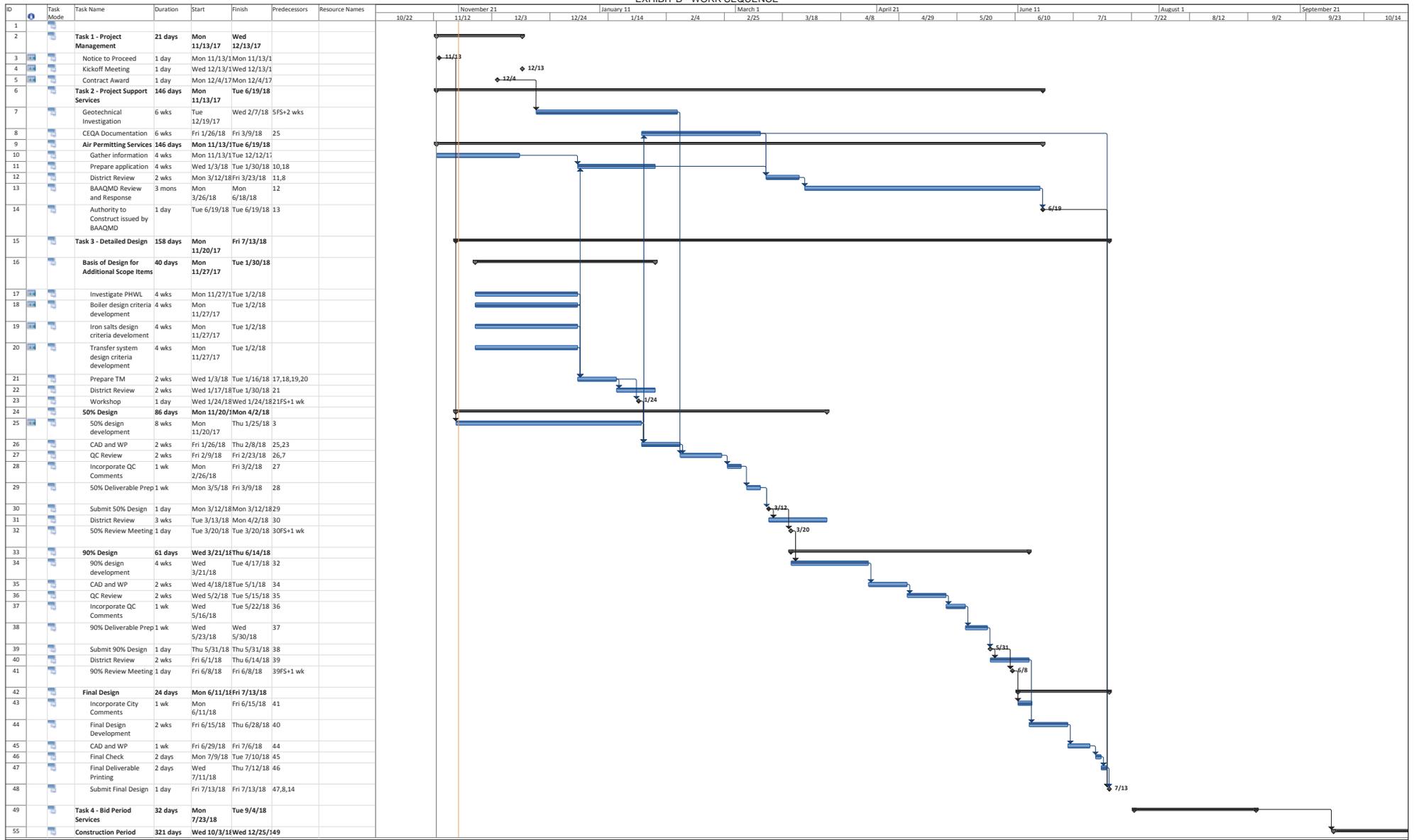
Date: \_\_\_\_\_

Date: \_\_\_\_\_

Exhibit A - Digester 7 Design Fee

Phase	Phase Description	Ross, Adam D Project Manager	Stubblefield, Kimberly D Project Analyst	Wilkins, Eric J Structural	Chapman, Thomas M Process	Goodburn, Daniel L Cost Estimating	Chow, Grace C PIC	McNameer, Danna E Word Processing	Ramanathan, Malika Project Engineer	Romero Urbina, Mary Lou Staff Engineer	Slezak, Lloyd A Overall QC	Trueblood, Donald C Air Permitting	McComb, Robb J Electrical Eng and CAD	Willis, Larry J I&C	Burke, Fred CAD	Gerbert, Lynnette K Air Permitting	Lambert, Tai R Civil CAD	Blumenshine, Rodney B Structural CAD	Total Labor Hours	Total Labor Effort	APC	Vehicle Mileage	Cal Engineering and Geology Geotech	Dave Mathy Geotech Review	Scheidtger CEQA	KSN Survey	Total Subs	Total Expense Effort	Total Effort	
		\$241.95	\$99.15	\$193.98	\$221.78	\$197.00	\$316.02	\$110.76	\$258.14	\$124.19	\$305.17	\$240.56	\$185.76	\$199.36	\$171.26	\$196.27	\$142.80	\$118.62												
<b>001</b>	<b>Project Management</b>	68	60	0	8	0	20	0	8	8	0	0	0	0	0	0	0	0	172	33,555	1,376	300	0	0	0	0	0	1,676	35,231	
001	Project Management	60	60	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	136	25,522	1088	0	0	0	0	0	0	1,088	26,610	
002	Kickoff Meeting	8	0	0	8	0	4	0	8	8	0	0	0	0	0	0	0	0	36	8,033	288	300	0	0	0	0	0	588	8,621	
<b>002</b>	<b>Project Support Services</b>	60	6	32	0	0	0	62	40	52	0	80	0	0	0	160	0	0	492	95,618	3,936	0	71,906	6,615	19,950	20,750	119,221	123,157	218,775	
001	Geotechnical Investigation	6	2	32	0	0	0	0	8	0	0	0	0	0	0	0	0	0	48	9,923	384	0	71,906	6,615	0	0	78,521	78,905	88,828	
002	CEQA Assistance	6	2	0	0	0	0	30	8	12	0	0	0	0	0	0	0	0	58	8,528	464	0	0	0	19,950	0	19,950	20,414	28,942	
003	Air Permitting Services	40	0	0	0	0	0	32	16	24	0	80	0	0	0	160	0	0	352	70,981	2816	0	0	0	0	0	0	2,816	73,797	
004	Survey	8	2	0	0	0	0	0	8	16	0	0	0	0	0	0	0	0	34	6,186	272	0	0	0	20,750	20,750	21,022	27,208		
<b>003</b>	<b>Preparation of Contract Documents</b>	48	0	0	0	0	0	4	52	128	4	0	0	0	0	0	0	0	236	42,597	1,888	0	0	0	0	0	0	1,888	44,485	
001	Boiler and PHW System	24	0	0	0	0	0	0	4	40	0	0	0	0	0	0	0	0	68	11,807	544	0	0	0	0	0	0	544	12,351	
002	Iron Salts Chemical Facility	8	0	0	0	0	0	0	24	24	0	0	0	0	0	0	0	0	56	11,112	448	0	0	0	0	0	0	448	11,560	
003	Transfer System	8	0	0	0	0	0	0	8	24	0	0	0	0	0	0	0	0	40	6,981	320	0	0	0	0	0	0	320	7,301	
004	Technical Memorandum	8	0	0	0	0	0	4	16	40	4	0	0	0	0	0	0	0	72	12,697	576	0	0	0	0	0	0	576	13,273	
<b>004</b>	<b>Preparation of Contract Documents</b>	376	0	828	100	184	12	150	428	900	136	0	1,080	264	776	0	300	528	6,062	1,085,808	48,496	900	0	0	0	0	0	49,396	1,135,204	
050	50 Percent Design	148	0	248	40	80	0	60	164	360	0	0	360	100	308	0	120	158	2,146	377,674	17,168	300	0	0	0	0	0	17,468	395,142	
051	50 Percent QC	0	0	0	0	0	4	0	0	0	60	0	0	0	0	0	0	0	64	19,575	512	0	0	0	0	0	0	512	20,087	
090	90 Percent Design	148	0	414	40	80	0	60	164	360	0	0	360	100	308	0	120	264	2,418	422,449	19,344	300	0	0	0	0	0	19,644	442,093	
091	90 Percent QC	0	0	0	0	0	4	0	0	0	60	0	0	0	0	0	0	0	64	19,575	512	0	0	0	0	0	0	512	20,087	
100	Final Design	80	0	166	20	24	0	30	100	180	0	0	360	64	160	0	60	106	1,350	240,388	10,800	300	0	0	0	0	0	11,100	251,488	
101	Final QC	0	0	0	0	0	4	0	0	0	16	0	0	0	0	0	0	0	20	6,147	160	0	0	0	0	0	0	160	6,307	
<b>005</b>	<b>Bid Period Services</b>	40	0	16	0	0	0	24	32	32	0	0	24	8	40	0	0	0	216	40,578	1,728	300	0	0	0	0	0	2,028	42,606	
001	Attend Pre-Bid Meeting	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1,936	64	300	0	0	0	0	0	364	2,300	
002	Prepare Addenda	32	0	16	0	0	0	24	32	32	0	0	24	8	40	0	0	0	208	38,643	1,664	0	0	0	0	0	0	1,664	40,307	
<b>GRAND TOTAL</b>		<b>592</b>	<b>66</b>	<b>876</b>	<b>108</b>	<b>184</b>	<b>32</b>	<b>240</b>	<b>560</b>	<b>1,120</b>	<b>140</b>	<b>80</b>	<b>1,104</b>	<b>272</b>	<b>816</b>	<b>160</b>	<b>300</b>	<b>528</b>	<b>7,178</b>	<b>1,298,156</b>	<b>57,424</b>	<b>1,500</b>	<b>71,906</b>	<b>6,615</b>	<b>19,950</b>	<b>20,750</b>	<b>119,221</b>	<b>178,145</b>	<b>1,476,301</b>	

EXHIBIT B - WORK SEQUENCE



Project: mspg011 Date: Tue 11/21/17

Task Milestone Project Summary External Milestone Inactive Milestone Manual Task Manual Summary Rollup Start-only Deadline  
Split Summary External Tasks Inactive Task Inactive Summary Duration-only Manual Summary Finish-only Progress

Page 1



**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**DATE:** December 6, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Gene Boucher, Human Resources Manager

**SUBJECT:** Agenda Item No. 9 - Special Meeting of December 18, 2017  
**REVIEW AND CONSIDER APPROVAL OF PUBLICLY AVAILABLE PAY SCHEDULE**

**Recommendation**

The President, USD Board of Directors, approve and sign the revised September 1, 2017 Pay Schedule which will be posted and retained in accordance with CalPERS requirements.

**Background**

The Publicly Available Pay Schedule, mandated by CalPERS in August 2011, is designed to: 1) ensure consistency between CalPERS employers; and, 2) enhance the disclosure and transparency of public employee compensation.

The "Publicly Available Pay Schedule" (CCR 570.5) must:

- Be duly approved and adopted by the employer's governing body in accordance with requirements of applicable public meetings laws;
- Identify the position title for every employee position;
- Show the pay rate for each identified position as a single amount or as multiple amounts within a range;
- Indicate the time base (i.e., bi-weekly, monthly, etc.);
- Be posted at the office of the employer or immediately accessible and available for public review from the employer during normal business hours or posted on the employer's internet website;
- Indicate an effective date and date of any revisions;

- Be retained by the employer and available for public inspection for not less than 5 years.

The salary changes contained in the September 1, 2017 document reflect the following:

1. The General Manager's new salary effective September 1, 2017, which was approved by the Board of Directors on October 23, 2017.

Attachments:

PAPS to be approved

## Union Sanitary District Pay Schedule

### UNION SANITARY DISTRICT PAY SCHEDULE

Effective September 1, 2017		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Accounting and Financial Analyst I	\$3,473.60	\$4,559.10
Accounting and Financial Analyst II	\$3,832.00	\$5,029.50
Accounting Tech Specialist	\$3,257.84	\$3,959.93
Accounting Technician I	\$2,632.62	\$3,199.96
Accounting Technician II	\$2,895.86	\$3,519.93
Administrative Specialist I	\$2,573.25	\$3,127.79
Administrative Specialist II	\$2,708.67	\$3,292.41
Assistant Engineer	\$3,883.94	\$5,097.67
Executive Assistant to the General Manager/Board Secretary	\$3,463.02	\$4,545.22
Assistant Storekeeper	\$2,502.18	\$3,041.42
Associate Engineer	\$4,363.61	\$5,727.24
Buyer I	\$2,944.00	\$3,864.00
Buyer II	\$3,271.11	\$4,293.33
Chemist I	\$3,540.62	\$4,303.64
Chemist II	\$3,717.66	\$4,518.83
Coach, Business Services	\$5,045.44	\$6,622.14
Coach, Capital Improvement Projects	\$5,813.37	\$7,630.05
Coach, Collection Services	\$4,677.97	\$6,139.84
Coach, Customer Service	\$5,813.37	\$7,630.05
Coach, Electrical & Instrumentation	\$4,687.25	\$6,152.01
Coach, Environmental Compliance	\$4,764.66	\$6,253.62
Coach - Mechanical Maintenance	\$4,627.80	\$6,073.98
Coach, Research & Support/Sr. Process Engineer	\$5,169.15	\$6,784.51
Coach, Wastewater Plant Operations	\$4,673.26	\$6,133.66
Collection System Worker I	\$2,658.54	\$3,231.47
Collection System Worker II	\$2,924.41	\$3,554.64
Collection System Trainer	\$3,377.70	\$4,105.61
Communications & Intergovernmental Relations Coordinator	\$3,819.92	\$4,643.13
Construction Inspector I	\$3,093.38	\$3,760.02
Construction Inspector II	\$3,402.71	\$4,136.02
Construction Inspector III	\$3,538.82	\$4,301.46
Customer Service Fee Analyst	\$2,940.47	\$3,574.17
Engineering Assistant/Plan Checker	\$3,793.94	\$4,611.57
Engineering Technician I	\$2,984.73	\$3,627.95
Engineering Technician II	\$3,283.20	\$3,990.75
Engineering Technician III	\$3,611.53	\$4,389.83
Environmental Compliance (EC) Inspector I	\$2,922.29	\$3,552.06
Environmental Compliance (EC) Inspector II	\$3,287.64	\$3,996.14
Environmental Compliance (EC) Inspector III	\$3,649.28	\$4,435.72
Environmental Compliance (EC) Inspector IV	\$3,904.73	\$4,746.22
<sup>41 of 155</sup> Environmental Control (EC) Outreach Representative	\$3,649.28	\$4,435.72

## Union Sanitary District Pay Schedule

### UNION SANITARY DISTRICT PAY SCHEDULE

Effective September 1, 2017		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Environmental Health and Safety Program Manager	\$4,280.73	\$5,618.46
Environmental Program Coordinator	\$4,310.88	\$5,658.04
Fleet Mechanic I	\$2,947.66	\$3,582.90
Fleet Mechanic II	\$3,301.38	\$4,012.85
General Manager	\$8,071.39	\$10,593.70
Human Resources Manager	\$5,307.05	\$6,965.50
Human Resources Analyst II	\$3,622.62	\$4,754.69
Information Technology Administrator	\$5,024.78	\$6,595.02
Information Technology Analyst	\$3,488.30	\$4,578.39
Instrument Tech/Electrician	\$3,630.90	\$4,413.38
Janitor	\$1,971.62	\$2,396.34
Junior Engineer	\$3,495.55	\$4,587.91
Laboratory Director	\$4,403.86	\$5,352.91
Lead Collection System Worker	\$3,216.85	\$3,910.10
Maintenance Assistant	\$1,266.70	\$1,539.68
Manager, Business Services	\$6,763.14	\$8,881.73
Manager, Collection Services	\$6,282.37	\$8,245.61
Manager, Maintenance	\$6,282.37	\$8,245.61
Manager, Technical Services	\$6,975.85	\$9,155.79
Manager, Treatment & Disposal Services	\$6,282.37	\$8,245.61
Mechanic I	\$2,982.05	\$3,624.70
Mechanic II	\$3,339.90	\$4,059.67
Organizational Performance Program Manager	\$4,501.59	\$5,908.34
Painter	\$3,064.78	\$3,725.26
Planner/Scheduler I	\$3,423.72	\$4,161.56
Planner/Scheduler II	\$3,681.66	\$4,475.09
Plant Operations Trainer	\$4,044.48	\$4,916.09
Plant Operator I	\$2,844.95	\$3,458.06
Plant Operator II	\$3,157.91	\$3,838.46
Plant Operator III	\$3,611.14	\$4,389.36
Principal Engineer	\$5,259.71	\$6,903.38
Purchasing Agent	\$4,127.65	\$5,417.53
Receptionist	\$2,250.04	\$2,734.94
Senior Accounting and Financial Analyst	\$4,175.27	\$5,480.04
Senior Database Administrator / Developer	\$4,466.53	\$5,862.32
Senior Engineer	\$4,676.85	\$6,138.36
Senior Geographic Information System (GIS)/Database Administrator	\$4,466.53	\$5,862.32
Senior Information Technology Analyst	\$3,875.89	\$5,087.10
Senior Network Administrator	\$4,277.47	\$5,614.18
Senior Planner/Scheduler	\$4,187.06	\$5,495.51
Senior Process Engineer	\$4,676.85	\$6,138.36
Storekeeper I	\$3,163.91	\$3,845.76
Storekeeper II	\$3,322.10	\$4,038.04

**Union Sanitary District Pay Schedule**  
**UNION SANITARY DISTRICT PAY SCHEDULE**

Effective September 1, 2017		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Training and Emergency Response Program Manager	\$4,128.54	\$5,418.72
Utility Worker	\$2,428.82	\$2,952.24

**Board of Directors:** Directors meet or serve in their official capacity 3 – 12 times per month with a maximum of six paid meetings/month at a rate of \$212.10 per meeting and are paid for a maximum of one meeting per day.

Approved by: \_\_\_\_\_  
 President, Board of Directors



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**DATE:** December 6, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk  
Michelle Powell, Communications and Intergovernmental Relations Coordinator

**SUBJECT:** Agenda Item No. 10 - Special Meeting of December 18, 2017  
**RECEIVE CENTENNIAL OPEN HOUSE PLANNING UPDATE AND PROVIDE DIRECTION**

### **Recommendation**

Staff recommends the Board receive an update on the planning efforts for the District's Centennial Open House Event in 2018, consider options for Board involvement during the event, and provide direction as necessary.

### **Background**

The Board directed staff to plan an Open House in celebration of the District's centennial anniversary in 2018. Per direction received at the regular Board meeting held January 23, 2017, the event has been scheduled for 10:00 a.m. – 2:00 p.m. on Saturday, May 19, 2018. An internal Open House planning committee, comprised of representatives from each workgroup, has been meeting regularly to prepare for the event.

### **Event planning update:**

At the 2015 Open House, the District welcomed an estimated 1,200 visitors. The Plant Tour was a popular attraction, and many people were unable to participate due to the structure of the tour. The Centennial Open House Plant Tour will be self-guided, which will allow for a much higher level of participation. District staff will be positioned at various locations

throughout the Plant to provide presentations on the stages of treatment. As they did for the 2015 Open House, USD's teams are developing displays for the parking lot area that will feature family-friendly activities while informing customers about services the District provides.

Based upon lessons learned in 2015, the Open House planning group has been working on adjustments to the overall event. Visitors arriving at the District for the event will enter on Benson Road and will be directed to exit through the Veasy gate. Handicapped parking will be available in the contractor lot, and all other visitors will be parking beyond the Plant gate. We will once again be providing free hot dogs, chips, and drinks for all guests. Refreshments will be organized and served by a non-profit group, as opposed to a private vendor at the 2015 Open House.

We will be reaching out to the public in multiple ways to publicize the event including advertisements in our local newspapers, submitting announcements to industry and local government associations print and electronic publications, sending invitations to local schools, and communicating with various stakeholders via email. In addition to paid advertising, articles focusing on the District could be developed for monthly submission to a local newspaper.

#### **Board involvement during the event:**

One option the Board of Directors may wish to consider for participation in the event would be a booth specifically for the Board of Directors. Some options for activities at the booth could be:

- Meet and greet
- General District overview
- Plunger pen giveaway
- Some combination of the items listed above

The planning group will be ordering plunger pens to give away at the Open House, and these could be handed out by Boardmembers. Staff would prepare handouts which would include a basic overview of District services and information regarding the Board and the cities each represents.



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**DATE:** December 11, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Michelle Powell, Communications and Intergovernmental Relations Coordinator

**SUBJECT:** Agenda Item No. 11 - Meeting of December 18, 2017  
Information Item: **LEGISLATIVE UPDATE ON REGIONAL, STATE, AND NATIONAL ISSUES OF INTEREST TO THE BOARD**

## **Recommendation**

Information only

## **Background**

The Board indicated that it wishes to receive periodic reports on legislation and other information that may impact or be of interest to the District. The Board was last updated at its May 8, 2017 meeting. If there are is any additional information or a different format desired by the Board, staff will incorporate feedback into future reports.

Following are summaries of information staff believes would be most significant to the Board. Attached is a more comprehensive list of state legislation currently tracked by industry associations. This document and its attached list contain the most updated information available as of the publishing date of this staff report.

## 2018 State Legislative Calendar milestone dates:

- **January 3, 2018** Legislature reconvenes
- **January 31, 2018** Last day for each house to pass bills introduced in the odd-numbered year
- **February 16, 2018** Last day for bills to be introduced
- **August 31, 2018** Last day for each house to pass bills
- **September 30, 2018** Last day for Governor to sign or veto bills

## Regional News:

### Alameda County Water District (ACWD)

- The District held the third in a series of strategic planning workshops on Thursday, December 7, 2017 at 4:00 p.m., focusing on topics of water supply, water quality, cost-effectiveness, financial stability and resiliency, and community outreach and engagement. The workshop included a presentation by consultant FM3 on the results of a recent survey of District customers. An outside facilitator moderated the discussion and will work with staff to further refine strategic goals into a written strategic plan for the District. This workshop is anticipated to be the last in the series. Plans for additional workshops, if needed, will be made based on the outcomes from this workshop.
- On October 12, 2017, ACWD issued a press release announcing the Board's support for the California Water Fix Project. The release stated that the Project will improve the reliability of the State Water Project delivery system, which the District depends upon for 40 percent of its annual water supply.

### City of Fremont

- Council held a Special Work Session meeting on December 5, 2017 to receive a presentation on new housing legislation that will become effective in 2018 and to provide a general outline of next steps the City should take to implement the legislation.
- An 8-page newsletter, "Taming the Traffic in Fremont", was recently sent to City residents. The newsletter stated that the City is facing significant challenges from regional cut-through traffic clogging local roadways. Newsletter articles highlighted causes of congestion, regional projects that could alleviate problems in the future, and other efforts.
- At its October 17, 2017 meeting, Council approved amendments to Title 18 (Planning and Zoning) of the Fremont Municipal Code and Citywide Design Guidelines, including:

- An update to development standards, design rules, and design guidelines that focus on maintaining the character for single-family residential neighborhoods and further assist in achieving compatibility of new, expanded, or reconstructed homes with surrounding homes in the neighborhood; and
  - Creation of a citywide Solar Access Preservation Ordinance so that any increase in the height of an existing building or any new development does not excessively shade solar zones on adjoining properties. (excluding the Downtown, City Center, and Warm Springs Districts)
- Fremont joined Concord, Oakland, Richmond, and San Francisco to submit a joint bid to become Amazon's HQ2 location. The bid offered numerous sites in the region where Amazon could build a new home, including: the former Concord Naval Weapons Station, Coliseum City in Oakland, San Francisco's Hunters Point Shipyard, and Fremont's Warm Springs Innovation District.

All sites meet Amazon's technical requirements, which include a city that has an international airport within 45 minutes' drive, access to mass transit, and a nearby "population center." The proposal also outlines a range of state and local tax credits and other incentives along with commitments to streamline permitting and environmental review and work with Amazon on various workforce training and similar programs. The Bay Area Council is representing the coalition of cities in the bid.

### **City of Newark**

- The second City Council work session for the city's new civic center was held on December 7, 2017. The Design Architects provided an update on the progress of the New Civic Center. This meeting provided a look at the exterior of the buildings, the overall site, and the first look at floor plans. The new Civic Center will include a library, police station/emergency dispatch center, office space for City administrative functions, Council Chambers, and a plaza that will serve as a multi-function event space.

### **City of Union City**

- City Council held a public hearing on Tuesday, November 28, 2017, and adopted two ordinances to (1) Restrict and Regulate the Personal Cultivation of Cannabis; and (2) Impose Zoning Restrictions on Various Commercial Cannabis Uses.
- City Council held a study session meeting on November 28, 2017 to discuss 18 recently adopted affordable housing bills signed by Governor Brown this fall that are intended to address the housing crisis through several different approaches. Staff provided an overview of the bills and the policy impacts to the City, and received policy direction on how to respond to the new legislation.

- On November 28, 2017, Council received results of a residential area parking study the city conducted to determine if there is sufficient on-street public parking to serve the parking needs of six identified residential neighborhoods within the City. The Staff Report noted that Union City has the highest per household population in Alameda County, with 14.6% of rental units classified as “overcrowded” compared to Alameda County (8.5%) and State (12.3%) standards. The report also noted that loosened standards for secondary dwelling units allows residents to push more parking into streets and front yards. An update to this study will be presented to Council in January 2018.
- On Tuesday, November 14, 2017, City Council voted to approve a local ordinance establishing a regulatory framework for commercial cannabis businesses in Union City. In addition, the following was adopted:
  - A resolution allowing for up to three permits in each of the following categories: cultivation, manufacturing, distribution, testing, and medicinal retail.
  - A resolution adopting the application procedures and opening the application process on January 2, 2018.
  - A resolution adopting the application fees.
- The City released the Draft Land Use Element of its General Plan in late October. This is the second of nine draft elements that will be released for public review. The Land Use Draft Element was discussed by the General Plan Advisory Committee (GPAC) on November 1, 2017, and by the Planning Commission on November 2, 2017 in public meetings. Comments were due November 29, 2017.
- The City submitted a proposal to become Amazon’s HQ2 city. The proposed location is near the City’s Station District.

## **Alameda County**

- An October 23, 2017 press release noted that Alameda County has joined “We Are Still In”; a coalition of more than 2,300 local governments, states, businesses, investors, and universities representing more than 127 million Americans and \$6.2 trillion of the U.S. economy.

At the UN Climate Change Conference beginning November 6, 2017, the subnational commitments made by the members of “We Are Still In” and related initiatives were shared with the international community. The press release noted that these aggregated commitments demonstrate that entities in the United States will “aim to fulfill our national pledge to cut greenhouse gas emissions despite the federal government’s intention to withdraw from the Paris Climate Agreement.”

## Alameda County LAFCo

- The Alameda County Local Agency Formation Commission held its second strategic planning workshop on September 22, 2017. Commissioners and staff reviewed the LAFCo’s existing mission statement, strategic plan and goals. According to the workshop follow-up, much of the day was spent identifying and prioritizing current and future critical issues in municipal service provision in Alameda County, as well as discussing the vision of LAFCo’s future. The commissioners will review the outcomes of the session and provide any further comments and direction desired. Staff will then develop a draft strategic plan that incorporates agreed-upon priorities for consideration and adoption at a future Commission meeting.

## State Legislation:

<b>SB 5</b>	<b>De Leon (D)</b> <b>California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018</b> <b>Position: CASA – Work w/Author; CSDA – Support 3</b> <b>Status: Chaptered into law 10/15/17</b>
<b>Summary:</b> This act, if approved by the voters, would authorize the issuance of bonds in an amount of \$3.832 billion pursuant to the State General Obligation Bond Law to finance a “drought, water, parks, climate, coastal protection, and outdoor access for all” program, and for the handling and disposition of those funds, and declaring the urgency thereof, to take effect immediately.	
<b>SB 229</b>	<b>Wieckowski (D)</b> <b>Accessory dwelling units</b> <b>Position: CASA – Neutral, as amended; CSDA – Watch</b> <b>Status: Chaptered into law 10/8/2017</b>
<b>Summary:</b> In 2016, the Legislature revised second unit laws to rename second units “Accessory Dwelling Units” (ADUs) and address some of the barriers to ADU creation. These laws require a local agency to approve an ADU application if the ADU meets certain conditions, including local building code requirements, and: the increased floor area of an attached ADU does not exceed 50% of the existing living area and does not increase the total floor space area by more than 1,200 square feet; and, the total floor area of a detached ADU does not exceed 1,200 square feet.  This bill allows local ordinances regulating ADUs to allow those units to exceed the limits on floor area specified in current ADU law. It prohibits special districts from treating an ADU as a new residential use for the purposed of calculating connection fees or capacity charges or	

requiring a new connection for an attached ADU that meets the requirement in existing law for ministerial approval. The bill also requires any other connection fee or capacity charge levied by a special district to be proportionate to the burden of the proposed ADU.

At the recent CASA conference, an attorney who represents several agencies presented potential Proposition 218/26 issues that could arise from both the original legislation (SB 1069) and SB 229, and possible solutions to explore.

<b>SB 231</b>	<b>Hertzberg (D)</b> <b>Local Government: fees and charges</b> <b>Position: CASA – Support in Concept; CSDA - Support</b> <b>Status: Chaptered into law 10/6/2017</b>
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**Summary:** Comments by the Senate Committee on Governance and Finance: In 2002, an appellate court ruled that the meaning of sewer in Proposition 218 was “ambiguous,” and proceeded to develop a new definition of sewer service that did not include storm water without citing any sources for that definition. As a result, storm water programs must meet a higher standard than other water and sewer services to raise capital, and local governments are struggling to fund the projects they need to meet state and federal water quality regulations.

SB 231 addresses this problem by providing a definition of sewer that “definition predates” (USD quotation marks) Proposition 218 and treats fees for storm water like all other water and sewer fees. SB 231 would make it easier for local governments to levy fees to fund storm water cleanup, according to this committee, and for this reason, some local governments argue that SB 231 could undermine their position that State Water Resources Control Board mandates are not exempt from reimbursement, with the result that local governments pay more and the state pays less.

The California Realtors Association is strongly opposing the bill. Many cities are also in opposition. CASA reported that the author expects litigation should the bill pass into law.

<b>SB 448</b>	<b>Wieckowski (D)</b> <b>Local government: organization: districts</b> <b>Position: CASA – Watch close; work with other organizations CSDA – Support 2</b> <b>Status: Chaptered into law 9/27/17</b>
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**Summary:** This bill provides a streamlined process for the dissolution of inactive special districts. It passed out of the Assembly Local Government Committee with CSDA-requested amendments. The bill originally would have required Local Agency Formation Commissions (LAFCOs) to dissolve districts classified as “inactive” by the Controller’s Office, without any review or verification. Additionally, the bill would have labeled certain districts as “idle”, mandated redundant reporting requirements, and prohibited districts from testifying in a

public hearing on their own dissolution. CSDA requested and received amendments regarding the above concerns and now supports the legislation.

Prior to amendments to this bill, there was concern that the lack of due process would have led to dissolving districts inadvertently classified as inactive. CSDA worked with the author and committee to secure amendments to improve due process and allow districts to clarify their status. The bill now provides LAFCOs with a streamlined process to dissolve clearly inactive districts, without being subject to protest provisions. LAFCOs will be required to verify that the district is in fact inactive before approving dissolution.

The bill requires the State Controller to publish on its website a comprehensive list of special districts on or before July 1, 2019. The list must be updated every year. It also requires that if a special district's audit is conducted by a certified public accountant or public accountant, a report must be filed with the district's principal LAFCO.

<b>SB 450</b>	<b>Hertzberg (D)</b> <b>Public bodies: bonds: public notice</b> <b>Position: CASA – Watch; CSDA - Concerns</b> <b>Status: Chaptered into law 9/27/2017</b>
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**Summary:** The bill requires that, prior to the authorization to issue bonds with a term greater than 13 months, the governing body of a city, county, special district, public authority, public corporation, nonprofit corporation or any other statutorily constituted public entity that is allowed to issue bonds to obtain and disclose all of the following information in a public meeting:

- The annual percentage rate of the bond, which means the cost of interest expressed as a yearly rate.
- The finance charge of the bond, which means the sum of all charges payable by the debtor, including the interest and transaction costs, expressed in dollar terms.
- The amount financed by the bond, which means the amount of credit provided by the creditor.
- The total payment amount, which means the sum total of all payments the borrower will have made by the time the full balance has been paid and includes all fees and finance charges. The total payment amount must be expressed to the final maturity of the borrowing.

SB 450 requires the above information to be obtained as a good faith estimate from an underwriter, financial advisor, or private lender. The information can also be obtained from a third-party borrower under certain circumstances.

<b>SB 623</b>	<b>Monning (D)</b> <b>Water quality: Safe and Affordable Drinking Water Fund</b>
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	<b>Position: CASA – Watch Close</b> <b>Status: Re-referred to Committee on Rules 9/1/2017</b>
<p><b>Summary:</b> This bill, aimed at funding safe drinking water solutions for disadvantaged communities, was amended on August 21 to require local water agencies to tax their ratepayers and send the money to Sacramento. More than 90 public water agencies joined in opposing this bill that seeks to establish the state’s first tax on water, with the message that the state’s General Fund should pay the cost to remedy this public health issue directly, as a statewide obligation. If passed, hundreds of local water agencies would be required to calculate, collect, and remit a special tax. The bill also imposes fertilizer and dairy fees. CASA members have expressed concern that the bill’s inclusion of a licensee requirement to pay a “fertilizer safe drinking water fee” of \$0.005 per dollar of sale could apply to biosolids.</p> <p>This bill requires the revenues of the fees to be deposited in the Fund and continuously appropriates monies in the Fund to the State Regional Water Quality Control Board (SRWCB). It requires the SWRCB, in consultation with local health officers and other relevant stakeholders, to develop and annually update a map of aquifers at high risk of containing contaminants that exceed state and federal primary drinking water standards. The bill states that the Board shall prioritize the use of this funding to assist disadvantaged communities and low-income individual domestic well users.</p> <p>Bill analysis notes that disadvantaged communities often lack the rate base, as well as the technical, managerial, and financial capacity to show they can afford and effectively manage operations and maintenance costs related to water treatment. Without the ability to pay for maintenance, these communities are effectively barred from accessing capital improvement funding to meet federal and state drinking water standards.</p>	
<b>Bill below added for December update:</b>	
<b>SB 649</b>	<b>Hueso (D)</b> <b>Wireless Telecommunications Facilities</b> <b>Position:</b> <b>Status: Enrolled 9/21/17; Vetoed by the Governor 10/15/17</b>
<p><b>Summary:</b> This bill establishes a statewide framework for streamlining the permit siting process for small cell wireless facilities that meet specified requirements. Specifically, this bill requires an administrative and encroachment permit in lieu of a discretionary permit for installations in the right-of-way and also within a commercial or industrial zone, limits the fees to these attachments to all costs plus \$250, and establishes other requirements.</p> <p>Governor Brown’s veto message to the Senate: “This bill establishes a uniform permitting process for small cell wireless equipment and fixes the rates local governments may charge for placement of that equipment on city or county owned property, such as streetlights and traffic signal poles.</p> <p>“There is something of real value in having a process that results in extending this innovative technology rapidly and efficiently. Nevertheless, I believe that the interest which localities have</p>	

in managing rights of way requires a more balanced solution than the one achieved in this bill.”

<b>SB 740</b>	<b>Wiener (D)</b> <b>Onsite Treated Water</b> <b>Position: CASA – Support; CSDA - Watch</b> <b>Status: Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/25/2017) May be acted upon Jan 2018</b>
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**Summary:** Would require the State Board, on or before December 1, 2018, in consultation with other state agencies, to adopt regulations consistent with federal and state law in effect on January 1, 2018, to provide comprehensive risk-based standards for local jurisdictions permitting programs for onsite recycling of water in multifamily residential, commercial, and mixed-use buildings for non-potable use.

<b>AB 151</b>	<b>Burke (D)</b> <b>California Global Warming Solutions Act of 2006: market-based compliance mechanisms: scoping plan: report</b> <b>Position: CASA – Watch; CSDA - Watch</b> <b>Status: Ordered to inactive file at request of author</b>
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**Summary:** Would require the State Air Resources Board to report to the appropriate policy and fiscal committees of the Legislature to receive input, guidance, and assistance before adopting guidelines and regulations implementing the scoping plan and a regulation ensuring statewide greenhouse gas emissions are reduced to at least 40% below the 1990 level by 2030.

<b>AB 168</b>	<b>Eggman (D)</b> <b>Employers: Salary Information</b> <b>Status: Chaptered into law 10/12/2017</b>
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**Summary:** This statute restricts the ability of employers to gather applicants' salary history information or consider such information when determining whether to offer employment to an applicant and/or what salary to offer. However, this prohibition applies only to the applicant's salary history in the private sector and generally does not prohibit employers from considering public sector salary history, which is public information. Employers can also consider salary history information that an applicant discloses "voluntarily and without prompting" when determining what salary to offer the applicant; however, the employer cannot consider such information when deciding whether to offer the applicant employment.

<b>AB 277</b>	<b>Mathis (R)</b> <b>Water and Wastewater Loan and Grant Program</b> <b>Position: CASA – Approve; CSDA – Support 3</b>
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	<b>Status: Chaptered into law 10/3/2017</b>
<p><b>Summary:</b> Authorizes the State Water Resources Control Board (SWRCB) to implement low-interest loan and grant programs for counties and qualified nonprofit organizations, as defined, to fund water and wastewater facilities and improvements for individual households and small water systems (a system for the provision of piped water to the public for human consumption that serves at least two, but not more than 14, service connections), to the extent funds are available.</p>	
<b>AB 378</b>	<p><b>Garcia, Christina (D)</b>  <b>California Global Warming Solutions Act of 2006: regulations</b>  <b>Position: CASA – Watch</b>  <b>Status: Ordered to inactive file at author's request</b></p>
<p><b>Summary:</b> The California Global Warming Solutions Act of 2006 requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan at least once every five years. The act authorized the state board to adopt a regulation that establishes a system of market-based declining annual aggregate emissions limits for sources or categories of sources that emit greenhouse gases, applicable from January 1, 2012, to December 31, 2020, inclusive, as specified. This bill would require the state board, no later than January 1, 2018, to update the scoping plan, as specified.</p>	
<b>AB 398</b>	<p><b>Garcia (D)</b>  <b>California Global Warming Solutions Act of 2006: Cap-and-Trade Program Expansion</b>  <b>Position: CASA: Referred to Climate Change/Energy Workgroup; CSDA: Watch</b>  <b>Status: Approved by Governor, Chaptered by Secretary of State July 25, 2017</b></p>
<p>The California Global Warming Solutions Act of 2006 requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan at least once every 5 years. The act authorizes the state board to adopt a regulation that establishes a system of market-based declining annual aggregate emissions limits for sources or categories of sources that emit greenhouse gases, applicable from January 1, 2012, to December 31, 2020, inclusive, as specified. This bill extends Cap-and-Trade through 2030, makes various structural changes to the program, and provides a number of funding priorities.</p>	
<b>AB 551</b>	<p><b>Levine (D)</b>  <b>Political Reform Act of 1974: postemployment restrictions</b>  <b>Position: CASA – Watch Close; CSDA – Neutral</b></p>

	<b>Status: Chaptered into law 9/1/2017</b>
<p><b>Summary:</b> The Political Reform Act of 1974 prohibits, for a period of one year after the official leaves his or her position, elected and other specified local officials who held positions with a local government agency, as defined, from acting as agents or attorneys for, or otherwise representing, for compensation, any other person, by appearing before, or communicating with, that local government agency, or any committee, subcommittee, or present member of that local government agency, or any officer or employee of the local government agency.</p> <p>Current law excludes from this prohibition appearances and communications by a board member, officer, or employee of another local government agency, or an employee or representative of a public agency, as specified, in which the individual is appearing or communicating on behalf of that agency. This bill would specify that the one-year prohibition applies to independent contractors of a local government agency or a public agency who are appearing or communicating on behalf of that agency.</p>	
<b>AB 554</b>	<p><b>Cunningham (R)</b>  <b>Desalination: statewide goal</b>  <b>Position: CASA – Watch; CSDA - Watch</b>  <b>Status: 6/2/2017 Failed Deadline pursuant to Rule 61(a)(8) (Last location in Appropriations 5/26/17) May be acted upon January 2018</b></p>
<p><b>Summary:</b> Existing law, the Cobey-Porter Saline Water Conversion Law, states the policy of this state that desalination projects developed by or for public water entities be given the same opportunities for state assistance and funding as other water supply and reliability projects, and that desalination be consistent with all applicable environmental protection policies in the state. The law provides that it is the intention of the Legislature that the Department of Water Resources undertake to find economic and efficient methods of desalting saline water so that desalted water may be made available to help meet the growing water requirements of the state.</p> <p>This bill would establish a goal to desalinate 300,000 acre-feet of drinking water per year by the year 2025 and 500,000 acre-feet of drinking water per year by the year 2030.</p>	
<b>AB 574</b>	<p><b>Quirk (D)</b>  <b>Potable reuse</b>  <b>Position: CASA – Support; CSDA - Watch</b>  <b>Status: Chaptered into law 10/6/2017</b></p>
<p><b>Summary:</b> In December 2016, the State Water Resources Control Board (SWRCB) issued a report to the California Legislature finding that it is feasible to develop direct potable reuse regulations, although additional potable reuse research must be completed concurrently or before regulations are developed. This bill would establish a timeframe for the development of</p>	

regulations for potable reuse that are consistent with the SWRCB report, enable additional safe uses of recycled water, and create two new subcategories of potable reuse.

CASA’s letter of support states the bill will eliminate current confusing statutory definitions for indirect and direct potable reuse, while distinguishing subcategories of potable reuse, including: groundwater augmentation, reservoir augmentation, raw water augmentation, and treated water augmentation. Further, the bill will require the SWRCB to adopt statewide regulations for potable reuse for raw water augmentation by 2021.

<b>AB 851</b>	<b>Caballero (D)</b> <b>Local Agency design-build projects</b> <b>Position: CASA – Support, if amended; CSDA – Support 3</b> <b>Status: Chaptered into law 10/16/17</b>
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**Summary:** Current law authorizes a county, until January 1, 2018, with approval of the board of supervisors, to utilize construction manager at-risk construction contracts for the erection, construction, alteration, repair, or improvement of any building owned or leased by the county. This bill would extend that authorization described above until January 1, 2023. This bill contains other related provisions and other current laws. AB 851 is one of several bills in recent years to authorize specific local agencies to utilize design-build (in this case: Santa Clara Valley Water District). The SCVWD’s authority to utilize design-build was repealed when SB 785 consolidated different design-build code sections.

<b>AB 869</b>	<b>Rubio (D)</b> <b>Water use: landscaping: recycled water</b> <b>Position: CASA – Watch; CSDA - Watch</b> <b>Status: Failed deadline; may be acted upon Jan 2018</b>
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**Summary:** This bill excludes, from the calculation of any water use of water efficiency target established after 2020, recycled water, as specified, delivered within the service area of an urban retail or wholesale water supplier. The bill states that an urban water supplier shall not be required by any regulation to reduce the amount of recycled water it produces, sells, or distributes for beneficial potable or nonpotable uses at any time, including, but not limited to, during an emergency declared by the Governor.

<b>AB 967</b>	<b>Gloria (D)</b> <b>Human Remains Disposal: Alkaline Hydrolysis: licensure and regulation</b> <b>Position: CASA: Currently neutral, if all CASA amendments are accepted by author</b> <b>Status: Chaptered into law 10/15/17</b>
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**Summary:** This bill establishes a licensure and regulation process for hydrolysis facilities under the Cemetery and Funeral Bureau, imposes the same requirements on hydrolyzed

remains as for cremated remains; and, specifies the requirements of disposal of hydrolysate. The original bill stated that hydrolysate shall not be disposed of using a sanitary sewer system or collection system, and that hydrolysate must be transported by a state-licensed biomaterials handler to at POTW that voluntarily elects to accept it.

Subsequent amendments taken by the author in response to opposition from the Funeral Directors eliminated the complete ban on disposal through the sewer system, but made approval for such disposal at the voluntary discretion of the local wastewater agency. In other words, the local treatment facility can always say no to accepting hydrolysate from these facilities under the existing language in the bill.

Recently, amendments have been proposed that would give advanced water treatment facilities (essentially recycled water purveyors) the ability to “veto” the decision of a local collection/treatment agency to accept hydrolysate. CASA is not comfortable with this amendment for a variety of reasons, most notably because of the precedent set in giving a non-treatment agency the authority to reject a specific waste stream by statute, and because there is no purely scientific basis for rejecting this particular waste stream. **The District is researching whether possible pretreatment issues could arise if the District elected to voluntarily accept hydrolysate.**

AB 1008

McCarty (D)

Employment Discrimination: conviction history

Status: Chaptered into law 10/14/2017

**Summary:** It has been illegal for several years for public sector employers to ask applicants to disclose criminal convictions until after the employer determined that the applicant met the minimum employment qualifications for the position. This bill extends these prohibitions to private employers with five or more employees and goes further by prohibiting employers from requesting or considering conviction history until after the applicant has received a conditional offer of employment.

Where an applicant has a criminal history, employers are required to make an individual assessment to determine whether the applicant’s conviction history has a direct and adverse relationship with the specific duties of the position at issue. Employers must consider (1) the nature and gravity of the offense; (2) the amount of time that has passed since the offense; and (3) the nature of the job held or sought.

If the decision is made to preliminarily withdraw a conditional offer of employment, the employer must notify the applicant in writing of that decision, note which conviction or convictions are being relied upon in making the decision, attach a copy of the conviction history report if applicable, and provide five business days for the applicant to respond to the notice before the decision is made final. If the decision is made final, another written notice must be sent to the applicant.

A few types of positions are exempt from the provisions of this bill, including positions where an employer is required by law to conduct criminal background checks for employment purposes or to restrict employment based on criminal history. This bill will become section 12952 of the Fair Employment and Housing Act (FEHA). The same damages available under other FEHA claims, such as compensatory damages, attorney's fees, and costs, will be available for claims brought under section 12952.

<b>AB 1036</b>	<b>McCarty (D)</b> <b>Organic Waste: composting</b> <b>Position: CASA referred to its Climate/Energy Workgroup; CSDA - Watch</b> <b>Status: Failed deadline; may be acted upon Jan 2018</b>
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**Summary:** The bill clarifies and updates the requirements that ensure state agencies coordinate their efforts to achieve the state's recycling and greenhouse gas (GHG) reductions goals. Specifically, this bill specifies that the CalEPA and California Department of Food and Agriculture (CDFA) align, rather than coordinate, regulation, and include internal policy goals relating to organic waste diversion. The bill also requires CalEPA to include the updated Short-Lived Climate Pollutants (SLCP) Strategy in its assessment of the state's progress toward developing organic waste and recycling infrastructure.

<b>AB 1089</b>	<b>Mullin (D)</b> <b>Local elective offices: contribution limitations</b> <b>Position: CASA – Watch; CSDA - Watch</b> <b>Status: Coauthors revised 6/20/17; located in Appropriations Committee</b> <b>Suspense file</b>
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**Summary:** This bill establishes default campaign contribution limits for local office at the same level as the limit on contributions from individuals to candidates for Senate and Assembly (\$4,400 per contributor, per election), effective January 1, 2019. This bill also continues to permit a local jurisdiction to establish its own contribution limits, which prevail over the default limits contained in this bill.

<b>AB 1333</b>	<b>Dababneh (D)</b> <b>Political Reform Act of 1974: local government agency notices</b> <b>Position: CASA – Disapprove; CSDA – Oppose 3</b> <b>Status: Re-referred to Committee on Appropriations</b>
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**Summary:** Requires local government agencies that have an internet website to prominently post on that site a notice of any upcoming election in which the voters will vote on a tax measure or proposed bond issuance of the agency, as specified. The bill requires the notice to be posted on the agency's website within 10 days of either the governing body of the agency voting to place the tax measure or proposed bond issuance on the ballot or the tax

measure or proposed bond issuance qualifying to be placed on the ballot as an initiative measure. The bill requires the notice to be posted on the website home page, unless a clearly labeled direct link to the notice is placed on the home page. It also requires agencies that publish an electronic newsletter to include the notice in the electronic newsletter.

<b>AB 1479</b>	<b>Bonta (D)</b> <b>Public Records: custodian of records: civil penalties</b> <b>Position: CASA; Oppose; CSDA: Neutral</b> <b>Status: Vetoed by Governor 10/13/2017</b>
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**Summary:** Would, until January 1, 2023, require public agencies to designate a person or persons, or office or offices to act as the agency’s custodian of records who is responsible for responding to any request made pursuant to the California Public Records Act and any inquiry from the public about a decision by the agency to deny a request for records. The bill also would make other conforming changes. Because the bill would require local agencies to perform additional duties, the bill would impose a state-mandated local program.

<b>ACA 4</b>	<b>Aguiar-Curry (D)</b> <b>Local government financing: affordable housing and public infrastructure: voter approval</b> <b>Position: CASA – Support if amended; work with author; CSDA – Support if Amended 3</b> <b>Status: Referred to Committees on Local Government and Appropriation 4/24/17; currently located in Assembly Committee on Local Government</b>
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**Summary:** 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 of the 1% limit that would authorize a city, county, or city and county to levy an ad valorem tax to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of public infrastructure or affordable housing, 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.

**Federal Legislation:**

<b>H.R. 465</b>	<b>Water Quality Improvement Act of 2017 – Congressman Bob Gibbs (R – Ohio)</b>
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**Summary:** At a future date, CASA will ask member agencies to request their

Congressmember's sponsorship of an amendment to this bill that would authorize the EPA to allow ten-year terms for National Pollutant Discharge Elimination System (NPDES) permits, noting that the change would allow for enhanced planning and efficient permitting of local wastewater facilities, and give agencies time to comply with existing regulatory requirements before imposition of new mandates. It is a CASA priority to get language changing permit terms from five to ten years incorporated into this bill. CASA representatives testified to the House committee on transportation and infrastructure on September 26, 2017 regarding permit terms and infrastructure needs.

Attachment: CASA 2017 State Bill Positions and Status List as of October 17, 2017

## CASA Bill Positions 10/17/2017

**AB 18**     **(Garcia, Eduardo D) California Clean Water, Climate, Coastal Protection, and Outdoor Access For All Act of 2018.**

**Current Text:** Amended: 8/30/2017     [Text](#)

**Introduced:** 12/5/2016

**Last Amend:** 8/30/2017

**Status:** 9/1/2017-From committee: Do pass and re-refer to Com. on APPR. (Ayes 4. Noes 1.) (August 31). Re-referred to Com. on APPR.

**Location:** 9/1/2017-S. APPR.

**Summary:** Under current law, programs have been established pursuant to bond acts for, among other things, the development and enhancement of state and local parks and recreational facilities. This bill would enact the California Clean Water, Climate, Coastal Protection, and Outdoor Access For All Act of 2018, which, if approved by the voters, would authorize the issuance of bonds in an amount of \$3,470,000,000 pursuant to the State General Obligation Bond Law to finance a clean water, climate, coastal protection, and outdoor access for all program.

**Position**

Work w/author

**Subject**

**AB 52**     **(Cooper D) Public employees: orientation and informational programs: exclusive representatives.**

**Current Text:** Introduced: 12/5/2016     [Text](#)

**Introduced:** 12/5/2016

**Status:** 4/28/2017-Failed Deadline pursuant to Rule 61(a)(2). (Last location was P.E.,R. & S.S. on 1/19/2017)(May be acted upon Jan 2018)

**Location:** 4/28/2017-A. 2 YEAR

**Summary:** Current law, including the Meyers-Milias-Brown Act, the Ralph C. Dills Act, the Trial Court Employment Protection and Governance Act, the Trial Court Interpreter Employment and Labor Relations Act, and the Los Angeles County Metropolitan Transportation Authority Transit Employer-Employee Relations Act, as well as provisions commonly referred to as the Educational Employment Relations Act and the Higher Education Employer-Employee Relations Act, regulates the labor relations of the state, the courts, and specified local public agencies and their employees. This bill would require the public employers regulated by the acts described above to provide all employees an orientation. The bill would also require these public employers to permit the exclusive representative, if applicable, to participate.

**Position**

Watch

**Subject**

Local  
Government

**AB 92**     **(Bonta D) Public contracts: payment.**

**Current Text:** Chaptered: 7/10/2017     [Text](#)

**Introduced:** 1/9/2017

**Status:** 7/10/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 37, Statutes of 2017.

**Location:** 7/10/2017-A. CHAPTERED

**Summary:** Current law until January 1, 2018, authorizes the retention proceeds withheld from any payment by an awarding entity, as described, from the original contractor, by the original contractor from any subcontractor, and by a subcontractor from any subcontractor to exceed 5% on specific projects where the director of the applicable department, as specified, has made, or the governing body of the public entity or designated official of the public entity has approved, a finding prior to the bid that the project is substantially complex and requires a higher retention and the department or public entity includes both this finding and the actual retention amount in the bid documents. This bill would extend the operation of these provisions to January 1, 2023.

**Position**

Watch

**Subject**

Local  
Government

**AB 108**     **(Committee on Budget) Public resources.**

**Current Text:** Amended: 6/12/2017     [Text](#)

**Introduced:** 1/10/2017

**Last Amend:** 6/12/2017

**Status:** 7/20/2017-Ordered to inactive file at the request of Senator Mitchell.

**Location:** 7/20/2017-S. INACTIVE FILE

**Summary:** Current law regulating commercial fishing imposes, or authorizes the imposition of, various

license, permit, and registration fees. Existing law requires specified persons to pay commercial fishing fees, referred to as a "landing tax," calculated on the total weight of fish delivered, based on a rate-per-pound schedule applicable to specified aquatic species. This bill would rename the "landing tax" as a "landing fee" and would revise the rate schedule by increasing certain fees while decreasing other fees to specified amounts. The bill would make conforming and other related changes.

Position	Subject
Watch Close	

**AB 151**    **(Burke D) California Global Warming Solutions Act of 2006: market-based compliance mechanisms: scoping plan: report.**

**Current Text:** Amended: 5/2/2017 [Text](#)

**Introduced:** 1/11/2017

**Last Amend:** 5/2/2017

**Status:** 8/24/2017-Ordered to inactive file at the request of Assembly Member Burke.

**Location:** 8/24/2017-A. INACTIVE FILE

**Summary:** Would require the State Air Resources Board to report to the appropriate policy and fiscal committees of the Legislature to receive input, guidance, and assistance before adopting guidelines and regulations implementing the scoping plan and a regulation ensuring statewide greenhouse gas emissions are reduced to at least 40% below the 1990 level by 2030. This bill contains other related provisions and other existing laws.

Position	Subject
Watch	Climate Change/Energy Workgroup

**AB 184**    **(Berman D) Sea level rise planning: database.**

**Current Text:** Chaptered: 9/28/2017 [Text](#)

**Introduced:** 1/19/2017

**Last Amend:** 5/23/2017

**Status:** 9/28/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 338, Statutes of 2017.

**Location:** 9/28/2017-A. CHAPTERED

**Summary:** Current law requires that various public agencies and private entities provide to the Natural Resources Agency, on a biannual basis, sea level rise planning information, as defined, that is under the control or jurisdiction of the public agencies or private entities, and requires the agency to determine the information necessary for inclusion in the database, as prescribed. Current law repeals these provisions on January 1, 2018. This bill would postpone that repeal until January 1, 2023.

Position	Subject
Watch	Climate Change/Energy Workgroup

**AB 196**    **(Bigelow R) Greenhouse Gas Reduction Fund: water supply and wastewater systems.**

**Current Text:** Amended: 3/6/2017 [Text](#)

**Introduced:** 1/19/2017

**Last Amend:** 3/6/2017

**Status:** 9/1/2017-Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENSE FILE on 7/17/2017)(May be acted upon Jan 2018)

**Location:** 9/1/2017-S. 2 YEAR

**Summary:** Current law requires moneys from the Greenhouse Gas Reduction Fund to be allocated for the purpose of reducing greenhouse gas emissions in this state and satisfying other purposes. Current law authorizes specified investments, including water use and supply, if the investment furthers the regulatory purposes of the California Global Warming Solutions Act of 2006 and is consistent with law. This bill would authorize the use of the moneys in the fund for electric pump efficiency, water and wastewater systems, pump and pump motor efficiency improvements, and drinking water transmission and distribution systems' water loss if the investment furthers the regulatory purposes of the act and is consistent with law.

Position	Subject
Support	

**AB 239**    **(Ridley-Thomas D) California Environmental Quality Act: urbanized areas.**

**Current Text:** Introduced: 1/30/2017 [Text](#)

**Introduced:** 1/30/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was NAT. RES. on 2/6/2017)(May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** CEQA defines the terms "urban area" and "urbanized area" to mean, among other things, an unincorporated area that is completely surrounded by one or more incorporated cities and the population density of the unincorporated area at least equals the population density of the surrounding city or cities. This bill would instead specify that the population density of the unincorporated area be at least 1,000 persons per square mile.

**Position**  
Watch

**Subject**  
Local  
Government

**AB 277**

**(Mathis R) Water and Wastewater Loan and Grant Program.**

**Current Text:** Chaptered: 10/3/2017 [Text](#)

**Introduced:** 2/1/2017

**Last Amend:** 3/27/2017

**Status:** 10/3/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 438, Statutes of 2017.

**Location:** 10/3/2017-A. CHAPTERED

**Summary:** Would, to the extent funding is made available, authorize the State Water Resources Control Board to establish the Water and Wastewater Loan and Grant Program to provide funding to eligible applicants for specified purposes relating to drinking water and wastewater treatment. This bill would authorize a county or qualified nonprofit organization to apply to the board for a grant to award loans or grants, or both, to an eligible applicant. The bill would authorize the board to use a funding source that is authorized for and consistent with the purposes of the program.

**Position**  
Approve

**Subject**

**AB 313**

**(Gray D) Water.**

**Current Text:** Vetoed: 10/15/2017 [Text](#)

**Introduced:** 2/6/2017

**Last Amend:** 7/18/2017

**Status:** 10/15/2017-Vetoed by Governor.

**Location:** 10/15/2017-A. VETOED

**Summary:** Current law authorizes the State Water Resources Control Board to adopt an order setting administrative civil liability based on the allegations set forth in the complaint without a hearing, unless a written request for a hearing signed by, or on behalf of, the party served with the complaint is delivered to or received by mail by the board within 20 days after receipt of the complaint. This bill, commencing July 1, 2018, would establish a Water Rights Division within the Office of Administrative Hearings, as prescribed.

**Position**  
Watch

**Subject**

**AB 339**

**(Mathis R) State Water Pollution Cleanup and Abatement Account.**

**Current Text:** Chaptered: 10/3/2017 [Text](#)

**Introduced:** 2/7/2017

**Last Amend:** 4/4/2017

**Status:** 10/3/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 439, Statutes of 2017.

**Location:** 10/3/2017-A. CHAPTERED

**Summary:** The Porter-Cologne Water Quality Control Act creates the State Water Pollution Cleanup and Abatement Account in the State Water Quality Control Fund and continuously appropriates moneys in the account to the state board for the purposes of cleaning up waste or abating its effects on state waters. Current law, until July 1, 2018, authorizes the state board to pay these moneys from the account to, among others, a community water system that services a disadvantaged community to be used to assist in addressing urgent drinking water need, among other purposes. This bill would limit the above-described payments to grants, and would delete the July 1, 2018, sunset date. By extending the term of an existing appropriation, this bill would make an appropriation.

**Position**  
Watch

**Subject**

**AB 355**

**(Chu D) Water pollution: enforcement.**

**Current Text:** Chaptered: 10/6/2017 [Text](#)

**Introduced:** 2/8/2017

**Last Amend:** 6/7/2017

**Status:** 10/6/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 524, Statutes of 2017.

**Location:** 10/6/2017-A. CHAPTERED

**Summary:** Current law permits the State Water Resources Control Board or regional board, in lieu of assessing all or a portion of the mandatory minimum penalties against a publicly owned treatment works serving a small community, as defined, to elect to require the publicly owned treatment works to spend an equivalent amount towards completion of a compliance project proposed by the publicly owned treatment works if the state board or regional board makes certain findings. Current law, for these purposes, defines "a publicly owned treatment works serving a small community." This bill, for purposes of the exception, would instead define publicly owned treatment works serving a small community as a publicly owned treatment works serving a population of 20,000 persons or fewer or a rural county, with a financial hardship.

**Position**

Support

**Subject**

**AB 378**

**(Garcia, Cristina D) Greenhouse gases, criteria air pollutants, and toxic air contaminants.**

**Current Text:** Amended: 5/30/2017 [Text](#)

**Introduced:** 2/9/2017

**Last Amend:** 5/30/2017

**Status:** 9/11/2017-Reconsideration granted. Ordered to inactive file at the request of Assembly Member Cristina Garcia.

**Location:** 9/11/2017-A. INACTIVE FILE

**Summary:** The California Global Warming Solutions Act requires the State Air Resources Board, when adopting rules and regulations to achieve greenhouse gas emissions reductions beyond the statewide greenhouse gas emissions limit and to protect the state's most impacted and disadvantaged communities, to follow specified requirements, consider the social costs of the emissions of greenhouse gases, and prioritize specified emission reduction rules and regulations. This bill would require the state board to consider and account for the social costs of the emissions of greenhouse gases when adopting those rules and regulations.

**Position**

Watch

**Subject**

Climate  
Change/Energy  
Workgroup

**AB 398**

**(Garcia, Eduardo D) California Global Warming Solutions Act of 2006: market-based compliance mechanisms: fire prevention fees: sales and use tax manufacturing exemption.**

**Current Text:** Chaptered: 7/25/2017 [Text](#)

**Introduced:** 2/9/2017

**Last Amend:** 7/14/2017

**Status:** 7/25/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 135, Statutes of 2017.

**Location:** 7/25/2017-A. CHAPTERED

**Summary:** The California Global Warming Solutions Act of 2006 requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan at least once every 5 years. The act authorizes the state board to adopt a regulation that establishes a system of market-based declining annual aggregate emissions limits for sources or categories of sources that emit greenhouse gases, applicable from January 1, 2012, to December 31, 2020, inclusive, as specified. This bill would require the state board, no later than January 1, 2018, to update the scoping plan, as specified.

**Position**

Refer to  
Energy/Climate  
Workgroup

**Subject**

Climate  
Change/Energy  
Workgroup

**AB 408**

**(Chen R) Eminent domain: final offer of compensation.**

**Current Text:** Introduced: 2/9/2017 [Text](#)

**Introduced:** 2/9/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was JUD. on 2/21/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Current law governing settlement offers in eminent domain proceedings authorizes the recovery of litigation expenses under certain circumstances. This bill would provide that if a court finds, on motion of the defendant, that the offer of the plaintiff was lower than 90% of the compensation awarded in the proceeding, then the court would be required to include the defendant's litigation costs in the costs allowed. If the court finds that the offer of the plaintiff was at least 90% and less than 100% of the compensation awarded in the proceeding, the court would be authorized to include the defendant's litigation costs in the costs allowed.

**Position**  
Oppose

**Subject**  
Local  
Government

**AB 429**

**(Grayson D) State water policy: water rights: use and transferability.**

**Current Text:** Introduced: 2/13/2017 [Text](#)

**Introduced:** 2/13/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/13/2017)  
(May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Current law declares that the growing water needs of the state require the use of water in an efficient manner and that the efficient use of water requires certainty in the definition of property rights to the use of water and transferability of those rights. This bill would make nonsubstantive changes to those declarations.

**Position**  
Spot Bill, Watch  
Close

**Subject**

**AB 474**

**(Garcia, Eduardo D) Hazardous waste: spent brine solutions.**

**Current Text:** Chaptered: 10/15/2017 [Text](#)

**Introduced:** 2/13/2017

**Last Amend:** 8/21/2017

**Status:** 10/15/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 840, Statutes of 2017.

**Location:** 10/15/2017-A. CHAPTERED

**Summary:** Current law exempts from certain requirements of the Hazardous Waste Control Law wastes from the extraction, beneficiation, or processing of ores and minerals that are not subject to regulation under the federal Resource Conservation and Recovery Act of 1976, including spent brine solutions used to produce geothermal energy that meet specified requirements. This bill would exempt spent brine solutions that are byproducts of the treatment of groundwater to meet California drinking water standards from those same requirements if certain conditions are met, including that the spent brine solutions are transferred for dewatering via a closed piping system to lined surface impoundments regulated by the California regional water quality control boards.

**Position**  
Watch

**Subject**

**AB 551**

**(Levine D) Political Reform Act of 1974: postemployment restrictions.**

**Current Text:** Chaptered: 9/1/2017 [Text](#)

**Introduced:** 2/14/2017

**Last Amend:** 4/18/2017

**Status:** 9/1/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 196, Statutes of 2017.

**Location:** 9/1/2017-A. CHAPTERED

**Summary:** The Political Reform Act of 1974 prohibits, for a period of one year after the official leaves his or her position, elected and other specified local officials who held positions with a local government agency, as defined, from acting as agents or attorneys for, or otherwise representing, for compensation, any other person, by appearing before, or communicating with, that local government agency, or any committee, subcommittee, or present member of that local government agency, or any officer or employee of the local government agency. Current law excludes from this prohibition appearances and communications by a board member, officer, or employee of another local government agency, or an employee or representative of a public agency, as specified, in which the individual is appearing or communicating on behalf of that agency. This bill would specify that the one-year prohibition applies to independent contractors of a local government agency or a public agency who are appearing or communicating on behalf of that agency.

**Position**  
Watch Close,  
Work with other  
organizations

**Subject**  
Local  
Government

**AB 554**

**(Cunningham R) Desalination: statewide goal.**

**Current Text:** Amended: 3/27/2017 [Text](#)

**Introduced:** 2/14/2017

**Last Amend:** 3/27/2017

**Status:** 6/2/2017-Failed Deadline pursuant to Rule 61(a)(8). (Last location was APPR. on 5/26/2017)  
(May be acted upon Jan 2018)

**Location:** 6/2/2017-A. 2 YEAR

**Summary:** The Cobey-Porter Saline Water Conversion Law provides that it is the intention of the Legislature that the Department of Water Resources undertake to find economic and efficient methods of desalting saline water so that desalted water may be made available to help meet the growing water requirements of the state. This bill would establish a goal to desalinate 300,000 acre-feet of drinking water per year by the year 2025 and 500,000 acre-feet of drinking water per year by the year 2030.

**Position**  
Watch

**Subject**

**[AB 574](#)**

**(Quirk D) Potable reuse.**

**Current Text:** Chaptered: 10/6/2017 [Text](#)

**Introduced:** 2/14/2017

**Last Amend:** 9/1/2017

**Status:** 10/6/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 528, Statutes of 2017.

**Location:** 10/6/2017-A. CHAPTERED

**Summary:** Current law required the State Department of Public Health to, on or before December 31, 2013, adopt uniform water recycling criteria for indirect potable reuse for groundwater recharge. Current law also required the department to develop and adopt uniform water recycling criteria for surface water augmentation, as defined, by December 31, 2016, if a specified expert panel found that the criteria would adequately protect public health, and required the department to investigate the feasibility of developing uniform water recycling criteria for direct potable reuse and to provide a final report on that investigation to the Legislature by December 31, 2016. Current law defined the terms "direct potable reuse" and "surface water augmentation" for these purposes. This bill would specify that "direct potable reuse" includes "raw water augmentation" and "treated drinking water augmentation."

**Position**  
Support

**Subject**

**[AB 588](#)**

**(Dababneh D) Contractual assessments: financing public improvements: right to cancel documentation.**

**Current Text:** Amended: 3/23/2017 [Text](#)

**Introduced:** 2/14/2017

**Last Amend:** 3/23/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was B. & F. on 3/23/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Current law prohibits a public agency from permitting a property owner to participate in programs relating to voluntary contractual assessments to finance certain improvements, unless the property owner is given the right to cancel the contractual assessment in a document, as provided. Current law requires the document to contain specified information, including that if the property owner sends or delivers the written notice to cancel in some way other than mail, fax, or email, it must be delivered to a specified address no later than an unspecified date. This bill would instead require the document to provide that if the property owner sends or delivers the written notice to cancel in some way other than mail, fax, or email, it must be delivered to a specified address no later than midnight on the 3rd business day after whichever of specified events occurs last.

**Position**  
Watch Close

**Subject**

**[AB 617](#)**

**(Garcia, Cristina D) Nonvehicular air pollution: criteria air pollutants and toxic air contaminants.**

**Current Text:** Chaptered: 7/26/2017 [Text](#)

**Introduced:** 2/14/2017

**Last Amend:** 7/14/2017

**Status:** 7/26/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 136, Statutes of 2017.

**Location:** 7/26/2017-A. CHAPTERED

**Summary:** Would require the State Air Resources Board to develop a uniform statewide system of annual reporting of emissions of criteria air pollutants and toxic air contaminants for use by certain categories of stationary sources. The bill would require those stationary sources to report their annual emissions of criteria air pollutants and toxic air contaminants, as specified.

**Position**  
Watch Close

**Subject**

**[AB 640](#)**

**(Harper R) Recycled water: recycling criteria.**

**Current Text:** Introduced: 2/14/2017 [Text](#)

**Introduced:** 2/14/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/14/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Current law, the Porter-Cologne Water Quality Control Act, requires the State Water Resources Control Board to establish uniform statewide recycling criteria for each varying type of use of recycled water if the use involves the protection of public health. The act defines recycling criteria to mean the levels of constituents of recycled water, and the means for assurance of reliability under the design concept that will result in recycled water that is safe for the uses to be made. This bill would make technical, nonsubstantive changes to that definition.

**Position**

Spot Bill, Watch  
Close

**Subject**

**AB 641 (Harper R) Water conservation and reclamation projects.**

**Current Text:** Introduced: 2/14/2017 [Text](#)

**Introduced:** 2/14/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/14/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Current law, the Water Conservation Projects Act of 1985, declares that the intent of the act is to encourage local agencies and private enterprise to implement potential water conservation and reclamation projects by establishing a state program to finance or assist in financing projects that meet state criteria and will result in an additional supply of water for use in areas of need. This bill would make nonsubstantive changes in that provision.

**Position**

Spot Bill, Watch  
Close

**Subject**

**AB 642 (Harper R) Desalinated water.**

**Current Text:** Introduced: 2/14/2017 [Text](#)

**Introduced:** 2/14/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/14/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** The Cobey-Porter Saline Water Conversion Law declares that the growing water needs of the state require the development of cost-effective and efficient water supply technologies and that desalination technology is now feasible to help provide significant new water supplies from seawater, brackish water, and reclaimed water. This bill would declare the intent of the Legislature to enact subsequent legislation relating to desalination.

**Position**

Spot Bill, Watch  
Close

**Subject**

**AB 733 (Berman D) Enhanced infrastructure financing districts: projects: climate change.**

**Current Text:** Chaptered: 10/11/2017 [Text](#)

**Introduced:** 2/15/2017

**Last Amend:** 6/26/2017

**Status:** 10/11/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 657, Statutes of 2017.

**Location:** 10/11/2017-A. CHAPTERED

**Summary:** Current law authorizes the legislative body of a city or a county to establish an enhanced infrastructure financing district to finance public capital facilities or other specified projects of communitywide significance, and makes related findings and declarations. This bill would additionally authorize the financing of projects that enable communities to adapt to the impacts of climate change, including, but not limited to, specified impacts described in the bill, and would make conforming changes to the Legislature's findings and declarations.

**Position**

Approve

**Subject**

**AB 765 (Low D) Local initiative measures: submission to the voters.**

**Current Text:** Chaptered: 10/13/2017 [Text](#)

**Introduced:** 2/15/2017

**Last Amend:** 5/11/2017

**Status:** 10/13/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 748,

Statutes of 2017.

**Location:** 10/13/2017-A. CHAPTERED

**Summary:** If a district initiative measure qualifies for the ballot, current law requires that the election for the measure be either at a special election or at the next regular election, depending on whether the initiative petition contains a specified request. This bill instead would require that the election for a county, municipal, or district initiative measure that qualifies for the ballot be the next statewide or regular election, as applicable, unless the governing body of the county, city, or district calls a special election. The bill also would make conforming changes.

**Position**  
Watch

**Subject**

**AB 816**

**(Kiley R) California Environmental Protection Agency: Natural Resources Agency: Web casts of public meetings and workshops.**

**Current Text:** Introduced: 2/15/2017 [Text](#)

**Introduced:** 2/15/2017

**Status:** 9/1/2017-Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENSE FILE on 8/21/2017)(May be acted upon Jan 2018)

**Location:** 9/1/2017-S. 2 YEAR

**Summary:** Would require that each department, board, and commission of the Natural Resources Agency, except as specified, and each department, board, and office of the California Environmental Protection Agency Web cast all onsite public meetings, in a manner that enables listeners and viewers to ask questions and provide public comment by telephone or electronic communication commensurate with those attending the meeting. The bill would require the agencies to make the recording of a Web cast available online for no less than 3 years for subsequent viewing by interested members of the public.

**Position**  
Watch

**Subject**

**AB 851**

**(Caballero D) Local agency contracts.**

**Current Text:** Chaptered: 10/16/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 9/7/2017

**Status:** 10/15/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 821, Statutes of 2017.

**Location:** 10/16/2017-A. CHAPTERED

**Summary:** Current law authorizes a county, until January 1, 2018, with approval of the board of supervisors, to utilize construction manager at-risk construction contracts for the erection, construction, alteration, repair, or improvement of any building owned or leased by the county, subject to certain requirements, including that the method may only be used for projects that are in excess of \$1,000,000. This bill would extend that authorization described above until January 1, 2023. This bill contains other related provisions and other current laws.

**Position**  
Watch, as amended

**Subject**

**AB 869**

**(Rubio D) Sustainable water use and demand reduction: recycled water.**

**Current Text:** Amended: 8/24/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 8/24/2017

**Status:** 9/1/2017-Failed Deadline pursuant to Rule 61(a)(12). (Last location was N.R. & W. on 8/24/2017)(May be acted upon Jan 2018)

**Location:** 9/1/2017-S. 2 YEAR

**Summary:** Current law imposes various water use reduction requirements that apply to urban retail water suppliers, including a requirement that the state achieve a 20% reduction in urban per capita water use by December 31, 2020. This bill would require long-term standards for urban water conservation and water use to include a credit for recycled water, as specified.

**Position**  
Watch

**Subject**

**AB 943**

**(Santiago D) Land use regulations: local initiatives: voter approval.**

**Current Text:** Amended: 7/19/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 7/19/2017

**Status:** 9/1/2017-Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENSE FILE on 8/21/2017)(May be acted upon Jan 2018)

**Location:** 9/1/2017-S. 2 YEAR

**Summary:** The Planning and Zoning Law, among other things, authorizes the legislative body of any county or city to adopt ordinances to regulate land use. Current law also establishes procedures by which city or county ordinances may be enacted or amended by initiative. This bill, in the case of an ordinance or an amendment of an ordinance that would reduce density or stop development or construction of any parcels located less than one mile from a major transit stop, as defined, within a city, county, or city and county that is proposed by the voters of the city, county, or city and county in accordance with specified law, would require that the proposed ordinance or amendment of an ordinance receive 55% of the votes cast on the ordinance in order to become effective.

**Position**

Work w/author

**Subject**

**AB 958**

**(Ting D) Hazardous materials: perfluoroalkyl and polyfluoroalkyl substances.**

**Current Text:** Amended: 7/17/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 7/17/2017

**Status:** 9/1/2017-Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. on 7/17/2017) (May be acted upon Jan 2018)

**Location:** 9/1/2017-S. 2 YEAR

**Summary:** Under its regulatory authority, the Department of Toxic Substances Control has adopted the 2015–17 Priority Product Work Plan, which describes categories from which the department will select priority products for which safer alternatives are to be evaluated. This bill would require the department to include in the 2018–20 Priority Product Work Plan, and subsequent work plans, as necessary, food packaging containing perfluoroalkyl or polyfluoroalkyl substances. The bill would require the department, on or before January 1, 2020, to begin the adoption of Green Chemistry regulations for that food packaging, unless the department, on or before January 1, 2019, makes a finding that sufficient data is not available to conduct and complete the priority product evaluation and regulatory process for that food packaging.

**Position**

Support

**Subject**

**AB 967**

**(Gloria D) Human remains disposal: alkaline hydrolysis: licensure and regulation.**

**Current Text:** Chaptered: 10/15/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 9/12/2017

**Status:** 10/15/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 846, Statutes of 2017.

**Location:** 10/15/2017-A. CHAPTERED

**Summary:** Would, commencing July 1, 2020, require the Cemetery and Funeral Bureau to license and regulate hydrolysis facilities, as defined, and hydrolysis facility managers, and would enact requirements applicable to hydrolysis facilities substantially similar to those applicable to crematoria. By expanding the definition of crimes relating to the disposition of human remains and creating new crimes, this bill would impose a state-mandated local program.

**Position**

Neutral, As Amended

**Subject**

**AB 968**

**(Rubio D) Urban water use: water efficiency.**

**Current Text:** Amended: 4/17/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 4/17/2017

**Status:** 5/26/2017-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2017)(May be acted upon Jan 2018)

**Location:** 5/26/2017-A. 2 YEAR

**Summary:** Would require each urban retail water supplier to develop a water efficiency target, as defined, for 2025 in its 2020 urban water management plan required to be submitted by July 1, 2021, and to achieve that target. The bill would authorize an urban retail water supplier to adjust and update the water efficiency target, as appropriate, when the supplier reports its compliance in achieving the water efficiency targets and its implementation of the identified performance measures in its 2025 urban water management plan required to be submitted by July 1, 2026. The bill would require each urban retail water supplier to meet its adjusted 2025 water efficiency target by December 31, 2025, unless the supplier makes a certain report to the department.

**Position**

Watch

**Subject**

**AB 979**

**(Lackey R) Local agency formation commissions: district representation.**

**Current Text:** Chaptered: 9/1/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 5/15/2017

**Status:** 9/1/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 203, Statutes of 2017.

**Location:** 9/1/2017-A. CHAPTERED

**Summary:** The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 provides for the selection of representatives of independent special districts on each local agency formation commission by an independent special district selection committee pursuant to a nomination and election process. This bill would additionally require the executive officer to call and hold a meeting of the special district selection committee upon the adoption of a resolution of intention by the committee relating to proceedings for representation of independent special districts upon the commission pursuant to specified law.

**Position**

Watch Close

**Subject**

**AB 1000 (Friedman D) Water conveyance: use of facility with unused capacity.**

**Current Text:** Amended: 7/3/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 7/3/2017

**Status:** 9/1/2017-Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENSE FILE on 8/28/2017)(May be acted upon Jan 2018)

**Location:** 9/1/2017-S. 2 YEAR

**Summary:** Current law prohibits the state or a regional or local public agency from denying a bona fide transferor of water from using a water conveyance facility that has unused capacity for the period of time for which that capacity is available, if fair compensation is paid for that use and other requirements are met. This bill would, notwithstanding that provision, prohibit a transferor of water from using a water conveyance facility that has unused capacity to transfer water from a groundwater basin underlying desert lands, as defined, that is in the vicinity of specified federal lands or state lands to outside of the groundwater basin unless the State Lands Commission, in consultation with the Department of Fish and Wildlife, finds that the transfer of the water will not adversely affect the natural or cultural resources of those federal and state lands.

**Position**

Watch

**Subject**

**AB 1025 (Rubio D) Incompatible public offices.**

**Current Text:** Amended: 4/20/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 4/20/2017

**Status:** 4/28/2017-Failed Deadline pursuant to Rule 61(a)(2). (Last location was ED. on 3/6/2017)(May be acted upon Jan 2018)

**Location:** 4/28/2017-A. 2 YEAR

**Summary:** Current law prohibits a public officer, including an appointed or elected member of a governmental board, from simultaneously hold 2 public offices that are incompatible. Current prescribes certain circumstances that result in offices being incompatible, unless the simultaneous holding of the particular offices is compelled or expressly authorized by law. This bill would repeal these provisions.

**Position**

Refer to Legis  
Comm

**Subject**

**AB 1030 (Ting D) Energy storage systems.**

**Current Text:** Amended: 3/30/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 3/30/2017

**Status:** 4/28/2017-Failed Deadline pursuant to Rule 61(a)(2). (Last location was L. & E. on 3/9/2017) (May be acted upon Jan 2018)

**Location:** 4/28/2017-A. 2 YEAR

**Summary:** Would establish 4 energy policy goals of the state with respect to energy storage and would require the PUC, on behalf of electrical corporations, and require the governing board, on behalf of a local publicly owned electric utility, to undertake specified actions with respect to customer- and load-sited energy storage systems in order to achieve those energy policy goals, including a rebate program dedicated to energy storage that carves out a portion of funding for low-income customers and disadvantaged communities.

**Position**

**Subject**

Refer to  
Energy/Climate  
Workgroup

Climate  
Change/Energy  
Workgroup

**AB 1036 (McCarty D) Organic waste: composting.**

**Current Text:** Amended: 6/20/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 6/20/2017

**Status:** 7/14/2017-Failed Deadline pursuant to Rule 61(a)(10). (Last location was E.Q. on 5/18/2017) (May be acted upon Jan 2018)

**Location:** 7/14/2017-S. 2 YEAR

**Summary:** Current law requires the California Environmental Protection Agency and the Department of Food and Agriculture, with the Department of Resources Recycling and Recovery, the State Water Resources Control Board, and the State Air Resources Board, to, among other things, assess the state's progress toward developing the organic waste processing and recycling infrastructure necessary to meet the state goals specified in certain state laws and documents. This bill would require those entities to assess the state's progress towards developing the organic waste processing and recycling infrastructure necessary to meet the state goals specified in an additional state law, as provided, and would make other changes in these provisions.

**Position**

Refer to  
Energy/Climate  
Workgroup

**Subject**

Climate  
Change/Energy  
Workgroup

**AB 1089 (Mullin D) Local elective offices: contribution limitations.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 6/20/2017-Coauthors revised.

**Location:** 4/5/2017-A. APPR. SUSPENSE FILE

**Summary:** Would, commencing January 1, 2019, prohibit a person from making to a candidate for local elective office, and would prohibit a candidate for local elective office from accepting from a person, a contribution totaling more than the amount set forth in the act for limitations on contributions to a candidate for elective state office.

**Position**

Watch

**Subject**

Local  
Government

**AB 1117 (Fong R) California Environmental Quality Act.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 4/28/2017-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 3/6/2017)(May be acted upon Jan 2018)

**Location:** 4/28/2017-A. 2 YEAR

**Summary:** Would prohibit a lead agency from being required to evaluate the aesthetic effects of a project subject to CEQA and would prohibit aesthetic effects from being considered significant effects on the environment, except in certain circumstances. This bill contains other related provisions and other existing laws.

**Position**

Watch

**Subject**

Local  
Government

**AB 1129 (Stone, Mark D) Coastal resources: structures: beach access and protection.**

**Current Text:** Amended: 4/26/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/26/2017

**Status:** 6/2/2017-Failed Deadline pursuant to Rule 61(a)(8). (Last location was INACTIVE FILE on 6/1/2017)(May be acted upon Jan 2018)

**Location:** 6/2/2017-A. 2 YEAR

**Summary:** The California Coastal Act of 1976 requires the permitting of revetments, breakwaters, groins, harbor channels, seawalls, cliff retaining walls, and other such construction that alters natural shoreline processes when required to serve coastal-dependent uses or to protect existing structures or public beaches in danger from erosion and when designed to eliminate or mitigate adverse impacts on local shoreline sand supply. This bill would also require that the permitted construction of those structures be consistent with the policies of the act, including policies regarding protection of public access, shoreline ecology, natural landforms, and other impacts on coastal resources, and would define the term "existing structure" for the purposes of those provisions.

**Position**  
Oppose, unless  
amended

**Subject**

**AB 1132 (Garcia, Cristina D) Nonvehicular air pollution: order for abatement.**

**Current Text:** Chaptered: 8/7/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 7/10/2017

**Status:** 8/7/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 171, Statutes of 2017.

**Location:** 8/7/2017-A. CHAPTERED

**Summary:** Current law regulates the emission of air pollutants by stationary sources and authorizes the regional air quality management districts and air pollution control districts (air districts) to enforce those requirements. Current law authorizes the governing boards and the hearing boards of air districts to issue an order for abatement, after notice and an abatement hearing, whenever they find a violation of those requirements. This bill would authorize an air pollution control officer, if the officer finds that any person is causing an imminent and substantial endangerment to the public health or welfare, or the environment, by violating those requirements, to issue an interim order for abatement pending an abatement hearing before the hearing board of the air district.

**Position**  
Watch

**Subject**

**AB 1180 (Holden D) Los Angeles County Flood Control District: taxes, fees, and charges.**

**Current Text:** Chaptered: 10/9/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 8/21/2017

**Status:** 10/9/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 617, Statutes of 2017.

**Location:** 10/9/2017-A. CHAPTERED

**Summary:** Would authorize the Los Angeles County Flood Control District to levy a tax, in compliance with the applicable provisions of Article XIIIIC of the California Constitution, or impose a fee or charge, in compliance with the applicable provisions of Article XIIID of the California Constitution, to pay the costs and expenses of carrying out projects and programs to increase stormwater capture and reduce stormwater and urban runoff pollution in the district, and would specify that projects funded by the revenues from the tax, fee, or charge may include projects providing multiple benefits that increase water supply, improve water quality, and, where appropriate, provide community enhancements, as prescribed.

**Position**  
Approve

**Subject**

**AB 1198 (Dahle R) Net energy metering.**

**Current Text:** Amended: 4/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/17/2017

**Status:** 4/28/2017-Failed Deadline pursuant to Rule 61(a)(2). (Last location was U. & E. on 3/9/2017) (May be acted upon Jan 2018)

**Location:** 4/28/2017-A. 2 YEAR

**Summary:** Current law requires a large electrical corporation to offer this standard contract or tariff to an eligible customer-generator beginning July 1, 2017, or prior to that date if ordered to do so by the commission because it has reached the net energy metering program limit, as specified, established for the corporation. Current law requires the Public Utilities Commission to ensure that the standard contract or tariff made available to eligible customer-generators ensures that customer-sited renewable distributed generation continues to grow sustainably and include specific alternatives designed for growth among residential customers in disadvantaged communities. This bill would instead require that the specific alternatives be designed for growth among residential customers in lower income households, as defined.

**Position**  
Spot Bill, Watch  
Close

**Subject**

**AB 1211 (Dahle R) State policy for water quality control.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/17/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Under current law, the Porter-Cologne Water Quality Control Act, the state policy for water quality control is required to consist of water quality principles and guidelines for long-range resource planning, water quality objectives, and other principles and guidelines deemed essential by the State Water Resources Control Board for water quality control. This bill would make technical, nonsubstantive changes to that provision.

<b>Position</b>	<b>Subject</b>
Spot Bill, Watch Close	

**AB 1223 (Caballero D) Construction contract payments: Internet Web site posting.**

**Current Text:** Chaptered: 10/8/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 9/5/2017

**Status:** 10/8/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 585, Statutes of 2017.

**Location:** 10/8/2017-A. CHAPTERED

**Summary:** Current law imposes specified requirements on state agencies regarding payment of construction contracts. Current law also requires the Department of General Services to publish in the California State Contracts Register notice of progress payments made to prime contractors. This bill would require, within 10 days of making a construction contract payment, a state agency that maintains an Internet Web site to post on its Internet Web site the project for which the payment was made, the name of the construction contractor or company paid, the date the payment was made or the date the state agency transmitted instructions to the Controller or other payer to make the payment, the payment application number or other identifying information, and the amount of the payment.

<b>Position</b>	<b>Subject</b>
Disapprove	Local Government

**AB 1248 (Gloria D) Public agencies: information.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was L. GOV. on 3/13/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Current law requires the governing body of a public agency, as defined, within 70 days after the commencement of its existence, to file with the Secretary of State a statement containing specified information about the public entity and its governing board and officers. This bill would require that the filing of the statement occur within 60 days after commencement of the existence of the public agency. The bill would make other nonsubstantive changes to these provisions.

<b>Position</b>	<b>Subject</b>
Spot Bill, Watch Close	

**AB 1250 (Jones-Sawyer D) Counties: contracts for personal services.**

**Current Text:** Amended: 9/5/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 9/5/2017

**Status:** 9/5/2017-Read second time and amended. Re-referred to Com. on RLS.

**Location:** 9/5/2017-S. RLS.

**Summary:** Would establish specific standards for the use of personal services contracts by counties. The bill would allow a county or county agency to contract for personal services currently or customarily performed by employees, as applicable, when specified conditions are met. The bill would exempt certain types of contracts from its provisions, and would exempt a city and county from its provisions. By placing new duties on local government agencies, the bill would impose a state-mandated local program. The bill also would provide that its provisions are severable.

<b>Position</b>	<b>Subject</b>
Refer to Legis Comm	

**AB 1288 (Eggman D) Solid waste: management: funding.**

**Current Text:** Amended: 5/1/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 5/1/2017

**Status:** 7/14/2017-Failed Deadline pursuant to Rule 61(a)(10). (Last location was E.Q. on 6/1/2017) (May be acted upon Jan 2018)

**Location:** 7/14/2017-S. 2 YEAR

**Summary:** Current law requires methane emissions reduction goals to include specified targets for reducing organic waste in landfills. Current law requires the Department of Resources Recycling and Recovery, in consultation with the State Air Resources Board, to adopt regulations that achieve the specified targets for reducing organic waste in landfills. This bill would require the department, in adopting those regulations, to conduct at least one public workshop to discuss funding strategies for new and expanded organic waste reduction infrastructure, including, but not limited to, existing public and private funding models and opportunities for new statewide funding sources.

**Position**

Watch

**Subject**

Climate  
Change/Energy  
Workgroup

**AB 1333 (Dababneh D) Political Reform Act of 1974: local government agency notices.**

**Current Text:** Amended: 5/18/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 5/18/2017

**Status:** 5/26/2017-In committee: Held under submission.

**Location:** 5/26/2017-A. APPR.

**Summary:** Would require every local government agency that maintains an Internet Web site to prominently post on its Internet Web site, as specified, a notice of any upcoming election in which voters will vote on a tax measure or proposed bond issuance of the agency. The bill would also require every local government agency that publishes an electronic newsletter to include the notice in the electronic newsletter. By imposing new duties on local government agencies, the bill would impose a state-mandated local program.

**Position**

Disapprove

**Subject**

Local  
Government

**AB 1342 (Flora R) Greenhouse Gas Reduction Fund: healthy forest programs, organic waste projects, and recycling projects.**

**Current Text:** Amended: 4/27/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/27/2017

**Status:** 5/26/2017-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/17/2017)(May be acted upon Jan 2018)

**Location:** 5/26/2017-A. 2 YEAR

**Summary:** Would make moneys from the Greenhouse Gas Reduction Fund, upon appropriation, available to the Department of Forestry and Fire Protection for healthy forest programs that reduce greenhouse gas emissions caused by uncontrolled wildfires, as specified; to the Department of Resources Recycling and Recovery for instate organic waste recycling projects that reduce greenhouse gas emissions, as specified; and to the Department of Resources Recycling and Recovery for instate recycling projects that reduce greenhouse gas emissions and help achieve the state's policy goal that not less than 75% of solid waste generated be source reduced, recycled, or composted by the year 2020.

**Position**

Approve

**Subject**

Climate  
Change/Energy  
Workgroup

**AB 1438 (Committee on Environmental Safety and Toxic Materials) State Water Resources Control Board: environmental laboratories: public water systems: certificates and permits: procedures.**

**Current Text:** Chaptered: 9/27/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 9/27/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 327, Statutes of 2017.

**Location:** 9/27/2017-A. CHAPTERED

**Summary:** The Environmental Laboratory Accreditation Act authorizes the State Water Resources Control Board to adopt regulations to establish reporting requirements, establish the accreditation procedures, recognize the accreditation of laboratories located outside California, and collect laboratory accreditation fees. Current law authorizes the state board to implement these provisions by entering and inspecting laboratories for these purposes, as specified. Current law makes it a crime to interfere with the state board with regard to those inspection provisions. This bill would revise and recast those provisions.

**Position****Subject**

Watch

**AB 1479 (Bonta D) Public records: custodian of records: civil penalties.****Current Text:** Vetoed: 10/13/2017 [Text](#)**Introduced:** 2/17/2017**Last Amend:** 9/1/2017**Status:** 10/13/2017-Vetoed by Governor.**Location:** 10/13/2017-A. VETOED**Summary:** Would, until January 1, 2023, require public agencies to designate a person or persons, or office or offices to act as the agency's custodian of records who is responsible for responding to any request made pursuant to the California Public Records Act and any inquiry from the public about a decision by the agency to deny a request for records. The bill also would make other conforming changes. Because the bill would require local agencies to perform additional duties, the bill would impose a state-mandated local program.**Position****Subject**

Oppose

Local  
Government**AB 1529 (Thurmond D) Cross-connection control and backflow protection.****Current Text:** Amended: 9/8/2017 [Text](#)**Introduced:** 2/17/2017**Last Amend:** 9/8/2017**Status:** 9/15/2017-Read third time. Refused passage.(FAILED) (Ayes 10. Noes 21.). Motion to reconsider made by Senator Lara. Reconsideration granted. (Ayes 38. Noes 0.) Ordered to inactive file at the request of Senator Lara.**Location:** 9/15/2017-S. INACTIVE FILE**Summary:** Would require the State Water Resources Control Board, on or before January 1, 2020, to update its backflow protection and cross-connection control regulations and to set forth uniform, statewide standards for the certification of backflow prevention device testers and cross-connection control specialists, as provided. The bill would require a public water system to implement a cross-connection control program that complies with applicable regulations and the standards set forth by the state board.**Position****Subject**

Disapprove

**AB 1531 (Berman D) Court fees: electronic filing.****Current Text:** Amended: 9/13/2017 [Text](#)**Introduced:** 2/17/2017**Last Amend:** 9/13/2017**Status:** 9/15/2017-Re-referred to Com. on RLS. pursuant to Assembly Rule 96.**Location:** 9/15/2017-A. RLS.**Summary:** Current law authorizes a court or agent of the court to impose a fee, subject to Judicial Council approval, for the use of a credit or debit card or electronic funds transfer, as specified. Existing law, for purposes of this provision, deems an electronic filing service provider who is required to collect and remit a filing fee or other court fee to complete an electronic filing transaction to be an agent of the court solely for that purpose, unless otherwise specified. This bill, in case of a duplicate payment by a party or an electronic filing service provider submitting a payment on behalf of a party, would require the court to issue any appropriate refund to the entity that made the most recent payment. The bill also would make a conforming change.**Position****Subject**

Support

**AB 1552 (Quirk-Silva D) Women, minority, disabled veteran, and LGBT business enterprise procurement: late payment penalties.****Current Text:** Amended: 9/12/2017 [Text](#)**Introduced:** 2/17/2017**Last Amend:** 9/12/2017**Status:** 9/15/2017-Re-referred to Com. on RLS. pursuant to Assembly Rule 96.**Location:** 9/15/2017-A. RLS.**Summary:** Current law requires each electrical, gas, water, wireless telecommunications service provider, or telephone corporation with gross annual revenues exceeding \$25,000,000, and its commission-regulated subsidiaries and affiliates, to annually submit a detailed and verifiable plan for increasing procurement from women, minority, disabled veteran, and LGBT business enterprises, as defined. This bill would require each electrical, gas, water, mobile telephony service provider, or

telephone corporation, with gross annual revenues exceeding \$25,000,000, and its commission-regulated subsidiaries and affiliates, to pay an undisputed invoice by its required payment approval date, as defined. If the payment is not made by that date, the bill would require the utility to pay a late payment penalty to a disabled veteran, minority, women, or LGBT business enterprise claimant a penalty at a rate of 10% above the United States Prime Rate, and to all other claimants a penalty at a rate of 1% above the Pooled Money Investment Account daily rate, of the amount of the late undisputed invoice, as specified.

Position	Subject
Refer to Energy/Climate Workgroup	Climate Change/Energy Workgroup

**AB 1594 (Bloom D) Ocean protection: plastic pollution.**

**Current Text:** Amended: 6/26/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 6/26/2017

**Status:** 7/14/2017-Failed Deadline pursuant to Rule 61(a)(10). (Last location was E.Q. on 7/6/2017) (May be acted upon Jan 2018)

**Location:** 7/14/2017-S. 2 YEAR

**Summary:** Current law provides that any action to increase recycling taken by the Division of Recycling in the Department of Resources Recycling and Recovery, or by any person or entity, affecting, among other things, the method of invoicing the sale of beverages as provided is not a violation of specified laws relating to business practices. This bill would provide that any action to increase recycling taken by the Division of Recycling in the Department of Resources Recycling and Recovery, or by any person or entity, affecting, among other things, the method of invoicing the sale of any food or drinks for the purposes of increasing food and drink packaging recycling is not a violation of specified laws relating to business practices.

Position	Subject
Watch	

**AB 1603 (Ridley-Thomas D) Meyers-Milias-Brown Act: local public agencies.**

**Current Text:** Amended: 8/24/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 8/24/2017

**Status:** 9/16/2017-Ordered to inactive file at the request of Senator McGuire.

**Location:** 9/16/2017-S. INACTIVE FILE

**Summary:** Under the Meyers-Milias-Brown Act (MMBA), employees of local public agencies have the right to form, join, and participate in the activities of employee organizations of their own choosing for the purpose of representation on all matters of employer-employee relations. The MMBA authorizes a local public agency to adopt reasonable rules and regulations after consultation in good faith with representatives of a recognized employee organization or organizations for the administration of employer-employee relations under the act. This bill would revise the definition of "public employee" for the purpose of the Meyers-Milias-Brown Act to also include persons jointly employed by a public agency and any other employer at specified clinics and hospitals.

Position	Subject
Watch	

**AB 1605 (Caballero D) Maximum contaminant level: nitrate: replacement water.**

**Current Text:** Amended: 4/27/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/27/2017

**Status:** 5/26/2017-Failed Deadline pursuant to Rule 61(a)(5). (Last location was JUD. on 5/1/2017) (May be acted upon Jan 2018)

**Location:** 5/26/2017-A. 2 YEAR

**Summary:** The California Safe Drinking Water Act, requires the state board to administer provisions relating to the regulation of drinking water to protect public health and vests with the state board specified responsibilities. This bill would prohibit a person or entity providing replacement water, as defined, to address drinking water that exceeds the maximum contaminant level for nitrate in groundwater from being deemed to have caused pollution or a nuisance, or from being liable for negligence or trespass, if certain conditions are met.

Position	Subject
Approve	

**AB 1628 (Grayson D) Public works: independent contractors.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/17/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Would declare the intent of the Legislature to enact legislation that would prohibit the use of independent contractors on public works projects.

**Position**

Spot Bill, Watch  
Close

**Subject**

**AB 1654 (Rubio D) Water conservation.**

**Current Text:** Amended: 7/12/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 7/12/2017

**Status:** 7/21/2017-Failed Deadline pursuant to Rule 61(a)(11). (Last location was RLS. on 7/17/2017) (May be acted upon Jan 2018)

**Location:** 7/21/2017-S. 2 YEAR

**Summary:** Would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.

**Position**

Watch

**Subject**

**AB 1662 (Obernolte R) Net energy metering.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/17/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-A. 2 YEAR

**Summary:** Under current law, generation eligible for net energy metering that had all local and state permits required to commence construction on or before December 31, 2002, and had completed construction on or before September 30, 2003, is entitled, regardless of any change in customer or ownership of the energy system, for the life of the installation, to the net energy metering terms in effect on the date the local and state permits were acquired. This bill would make a nonsubstantive change to that provision.

**Position**

Spot Bill, Watch  
Close

**Subject**

**AB 1671 (Caballero D) Backflow protection and cross-connection controls: standards.**

**Current Text:** Chaptered: 10/6/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 7/11/2017

**Status:** 10/6/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 533, Statutes of 2017.

**Location:** 10/6/2017-A. CHAPTERED

**Summary:** Current law requires any person who owns a public water system to ensure that the system does certain things, including, but not limited to, that it will not be subject to backflow under normal operating conditions. Current law, to ensure that testing and maintenance of backflow prevention devices are performed by persons qualified to do testing and maintenance, authorizes local health officers to maintain programs for certification of backflow prevention device testers and requires the certification program to be consistent with backflow protection regulations adopted by the state board. This bill would require a public water system to implement a cross-connection control program that complies with, and would require the certification program to be consistent with, applicable regulations and the standards described in (2).

**Position**

Approve

**Subject**

**ACA 4 (Aguiar-Curry D) Local government financing: affordable housing and public infrastructure: voter approval.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 4/24/2017-Referred to Coms. on L. GOV. and APPR.

**Location:** 4/24/2017-A. L. GOV.

**Summary:** Local government financing: affordable housing and public infrastructure: voter approval.

**Position**  
Support, if  
amended, work  
with author

**Subject**

**SB 5 (De León D) California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018.**

**Current Text:** Chaptered: 10/15/2017 [Text](#)

**Introduced:** 12/5/2016

**Last Amend:** 9/10/2017

**Status:** 10/15/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 852, Statutes of 2017.

**Location:** 10/15/2017-S. CHAPTERED

**Summary:** Would enact the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018, which, if approved by the voters, would authorize the issuance of bonds in an amount of \$4,000,000,000 pursuant to the State General Obligation Bond Law to finance a drought, water, parks, climate, coastal protection, and outdoor access for all program. The bill, upon voter approval, would reallocate \$100,000,000 of the unissued bonds authorized for the purposes of Propositions 1, 40, and 84 to finance the purposes of a drought, water, parks, climate, coastal protection, and outdoor access for all program.

**Position**  
Work w/author

**Subject**

**SB 80 (Wieckowski D) California Environmental Quality Act: notices.**

**Current Text:** Vetoed: 10/16/2017 [Text](#)

**Introduced:** 1/11/2017

**Last Amend:** 6/21/2017

**Status:** 10/15/2017-Vetoed by the Governor. In Senate. Consideration of Governor's veto pending.

**Location:** 10/16/2017-S. VETOED

**Summary:** The California Environmental Quality Act requires the lead agency to mail certain notices to persons who have filed a written request for notices. The act provides that if the agency offers to provide the notices by email, upon filing a written request for notices, a person may request that the notices be provided to him or her by email. This bill would require the lead agency to post those notices on the agency's Internet Web site. The bill would require the agency to offer to provide those notices by email. Because this bill would increase the level of service provided by a local agency, this bill would impose a state-mandated local program.

**Position**  
Watch

**Subject**  
Local  
Government

**SB 92 (Committee on Budget and Fiscal Review) Public resources.**

**Current Text:** Chaptered: 6/27/2017 [Text](#)

**Introduced:** 1/11/2017

**Last Amend:** 6/9/2017

**Status:** 6/27/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 26, Statutes of 2017.

**Location:** 6/27/2017-S. CHAPTERED

**Summary:** Current law regulating commercial fishing imposes, or authorizes the imposition of, various license, permit, and registration fees. Current law requires specified persons to pay commercial fishing fees, referred to as a "landing tax," calculated on the total weight of fish delivered, based on a rate-per-pound schedule applicable to specified aquatic species. This bill would rename the "landing tax" as a "landing fee" and would revise the rate schedule by increasing certain fees while decreasing other fees to specified amounts. The bill would make conforming and other related changes.

**Position**  
Watch Close

**Subject**

**SB 100 (De León D) California Renewables Portfolio Standard Program: emissions of greenhouse gases.**

**Current Text:** Amended: 9/11/2017 [Text](#)

**Introduced:** 1/11/2017

**Last Amend:** 9/11/2017

**Status:** 9/11/2017-September 11 hearing postponed by committee. From committee with author's amendments. Read second time and amended. Re-referred to Com. on U. & E.

**Location:** 9/8/2017-A. U. & E.

**Summary:** The Legislature has found and declared that its intent in implementing the California Renewables Portfolio Standard Program requires the PUC is to attain, among other targets for sale of

eligible renewable resources, the target of 50% of total retail sales of electricity by December 31, 2030. This bill would revise the above-described legislative findings and declarations to state that the goal of the program is to achieve that 50% renewable resources target by December 31, 2026, and to achieve a 60% target by December 31, 2030.

**Position**  
Watch

**Subject**

**SB 119 (Committee on Budget and Fiscal Review) Budget Act of 2017.**

**Current Text:** Amended: 9/11/2017 [Text](#)

**Introduced:** 1/11/2017

**Last Amend:** 9/11/2017

**Status:** 9/15/2017-Read second time. Ordered to third reading. Ordered to inactive file on request of Assembly Member Calderon.

**Location:** 9/15/2017-A. INACTIVE FILE

**Summary:** The Budget Act of 2017 made appropriations for the support of state government for the 2017-18 fiscal year. This bill would amend the Budget Act of 2017 by amending and adding items of appropriation. This bill would declare that it is to take effect immediately as a Budget Bill.

**Position**  
Watch Close

**Subject**

**SB 120 (Committee on Budget and Fiscal Review) Transportation.**

**Current Text:** Amended: 9/11/2017 [Text](#)

**Introduced:** 1/11/2017

**Last Amend:** 9/11/2017

**Status:** 9/15/2017-Read second time. Ordered to third reading. Ordered to inactive file on request of Assembly Member Calderon.

**Location:** 9/15/2017-A. INACTIVE FILE

**Summary:** Would authorize the Secretary of Transportation to assume the responsibilities of the United States Secretary of Transportation under NEPA and other federal environmental laws for any railroad, public transportation, or multimodal project undertaken by state agencies, as specified. The bill would provide that the State of California consents to the jurisdiction of the federal courts with regard to the compliance, discharge, or enforcement of these responsibilities. The bill would repeal these provisions on January 1, 2021.

**Position**  
Watch Close

**Subject**

**SB 121 (Committee on Budget and Fiscal Review) Greenhouse Gas Reduction Fund: Expenditure Plan.**

**Current Text:** Amended: 9/7/2017 [Text](#)

**Introduced:** 1/11/2017

**Last Amend:** 9/7/2017

**Status:** 9/11/2017-September 11 hearing postponed by committee. Joint Rule 62(a) suspended.

**Location:** 9/7/2017-A. BUDGET

**Summary:** This bill would express the intent of the Legislature to enact statutory changes necessary to implement the 2017 Greenhouse Gas Reduction Fund Expenditure Plan.

**Position**  
Watch Close

**Subject**

**SB 178 (Wieckowski D) Parklands: Centerville Park.**

**Current Text:** Chaptered: 10/3/2017 [Text](#)

**Introduced:** 1/24/2017

**Last Amend:** 5/23/2017

**Status:** 10/3/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 458, Statutes of 2017.

**Location:** 10/3/2017-S. CHAPTERED

**Summary:** Would authorize the City of Fremont to transfer to the Fremont Unified School District up to 4.6 acres of parkland in Centerville Park if certain conditions are met, including that the transferred property only be used for a public school facility. The bill would require the city to sign an agreement with the department relating to the transfer that includes a requirement that the city spend no less than \$5,000,000 to develop a replacement neighborhood park by June 30, 2023.

**Position**  
Spot Bill, Watch  
Close

**Subject**

**SB 224 (Jackson D) Personal rights: sexual harassment.**

**Current Text:** Amended: 8/21/2017 [Text](#)

**Introduced:** 2/2/2017

**Last Amend:** 8/21/2017

**Status:** 8/21/2017-From committee with author's amendments. Read second time and amended. Re-referred to Com. on APPR. Withdrawn from committee. Re-referred to Com. on RLS.

**Location:** 8/21/2017-S. RLS.

**Summary:** Current law establishes liability for sexual harassment when the plaintiff proves specified elements, including, among other things, that there is a business, service, or professional relationship between the plaintiff and defendant. Current law states that a relationship may exist between a plaintiff and certain persons, including an attorney, holder of a master's degree in social work, real estate agent, and real estate appraiser. This bill would include an investor among those listed persons who may be liable to a plaintiff for sexual harassment.

**Position**

Oppose, Work  
with Others

**Subject**

Local  
Government

**SB 229 (Wieckowski D) Accessory dwelling units.**

**Current Text:** Chaptered: 10/8/2017 [Text](#)

**Introduced:** 2/2/2017

**Last Amend:** 9/8/2017

**Status:** 10/8/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 594, Statutes of 2017.

**Location:** 10/8/2017-S. CHAPTERED

**Summary:** Would authorize a local agency to provide by ordinance for the creation of accessory dwelling units in areas zoned to allow single-family or multifamily use. The bill would authorize the ordinance to prohibit the sale or other conveyance of the unit separate from the primary residence. The bill would extend the use of the maximum standards to a proposed accessory dwelling unit on a lot zoned for residential use that includes a proposed single-family dwelling.

**Position**

Neutral, As  
Amended

**Subject**

**SB 231 (Hertzberg D) Local government: fees and charges.**

**Current Text:** Chaptered: 10/6/2017 [Text](#)

**Introduced:** 2/2/2017

**Last Amend:** 4/19/2017

**Status:** 10/6/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 536, Statutes of 2017.

**Location:** 10/6/2017-S. CHAPTERED

**Summary:** Articles XIIIC and XIIID of the California Constitution generally require that assessments, fees, and charges be submitted to property owners for approval or rejection after the provision of written notice and the holding of a public hearing. Current law, the Proposition 218 Omnibus Implementation Act, prescribes specific procedures and parameters for local jurisdictions to comply with Articles XIIIC and XIIID of the California Constitution and defines terms for these purposes. This bill would define the term "sewer" for these purposes. The bill would also make findings and declarations relating to the definition of the term "sewer" for these purposes.

**Position**

Support Concept

**Subject**

**SB 258 (Lara D) Cleaning Product Right to Know Act of 2017.**

**Current Text:** Chaptered: 10/16/2017 [Text](#)

**Introduced:** 2/8/2017

**Last Amend:** 8/23/2017

**Status:** 10/15/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 830, Statutes of 2017.

**Location:** 10/16/2017-S. CHAPTERED

**Summary:** Current law regulates the existence of, and disclosure of, specified chemicals and components in consumer products, including phthalates and bisphenol A. This bill would require a manufacturer of a designated product, as defined, that is sold in the state to disclose on the product label and on the product's Internet Web site information related to chemicals contained in the designated product, as specified.

**Position**

Support

**Subject**

**SB 262 (Wieckowski D) Climate change: climate adaptation: advisory council.**

**Current Text:** Introduced: 2/8/2017 [Text](#)

**Introduced:** 2/8/2017

**Status:** 7/14/2017-Failed Deadline pursuant to Rule 61(a)(10). (Last location was NAT. RES. on 5/18/2017)(May be acted upon Jan 2018)

**Location:** 7/14/2017-A. 2 YEAR

**Summary:** Current law requires the Office of Planning and Research to establish an advisory council, comprised of members for a range of disciplines, to support the office's goals to facilitate coordination among state, regional, and local agency efforts to adapt to the impacts of climate change. This bill would specify that the members on the advisory council serve staggered terms of 4 years. The bill would require the members of the advisory council to select a chairperson from their members.

**Position**

Watch

**Subject**

Climate  
Change/Energy  
Workgroup

**SB 417 (Berryhill R) State Water Resources Control Board.**

**Current Text:** Introduced: 2/15/2017 [Text](#)

**Introduced:** 2/15/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was RLS. on 2/15/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-S. 2 YEAR

**Summary:** Current law declares that to provide for the orderly and efficient administration of the water resources in the state, it is necessary to establish the State Water Resources Control Board to exercise the adjudicatory and regulatory functions of the state in the field of water resources. Existing law declares the intent of the Legislature to combine the water rights, water quality, and drinking water functions of the state government to provide for coordinated consideration of water rights, water quality, and safe and reliable drinking water. This bill would make nonsubstantive changes to these declarations.

**Position**

Spot Bill, Watch  
Close

**Subject**

**SB 423 (Cannella R) Indemnity: design professionals.**

**Current Text:** Amended: 3/21/2017 [Text](#)

**Introduced:** 2/15/2017

**Last Amend:** 3/21/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was JUD. on 3/29/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-S. 2 YEAR

**Summary:** Current law provides, with respect to contracts and amendments to contracts entered into on or after January 1, 2011, with a public agency for design professional services, that all provisions, clauses, covenants, and agreements contained in, collateral to, or affecting these contracts or amendments to contracts that purport to require the design professional to defend the public agency under an indemnity agreement, including the duty and the cost to defend, are unenforceable, except for claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the design professional. Current law provides that all contracts and all solicitation documents between a public agency and a design professional are deemed to incorporate these provisions by reference. This bill would make these provisions applicable to all contracts for design professional services entered into by any person or public or private entity on or after January 1, 2018.

**Position**

Watch Close,  
Work with other  
organizations

**Subject**

Local  
Government

**SB 431 (Bates R) Planning and zoning: building codes: accessory dwelling units.**

**Current Text:** Amended: 3/20/2017 [Text](#)

**Introduced:** 2/15/2017

**Last Amend:** 3/20/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was T. & H. on 3/29/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-S. 2 YEAR

**Summary:** Would, if a local agency makes its provisions applicable by ordinance or resolution, authorize a local building inspector for 5 years following adoption of the ordinance or resolution to waive some or all requirements, with specified exceptions for certain health and safety requirements, of an applicable building code with respect to an accessory dwelling unit constructed prior to January 1, 2008, for the purpose of issuing a building permit for that accessory dwelling unit. The bill would

specify that an accessory dwelling unit issued a permit pursuant to these provisions would not count toward the local agency's allocation of the regional housing need.

**Position**  
Watch

**Subject**

**SB 448 (Wieckowski D) Local government: organization: districts.**

**Current Text:** Chaptered: 9/27/2017 [Text](#)

**Introduced:** 2/15/2017

**Last Amend:** 7/17/2017

**Status:** 9/27/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 334, Statutes of 2017.

**Location:** 9/27/2017-S. CHAPTERED

**Summary:** Current law requires a report of an audit of a special district's accounts and records made by a certified public accountant or public accountant to be filed with the Controller and the county auditor of the county in which the special district is located within 12 months of the end of the fiscal year or years under examination. This bill would instead require special districts defined by a specified provision to file those audit reports with the Controller and special districts defined by another specified provision to file those audit reports with the Controller and with the local agency formation commission of either the county in which the special district is located or, if the special district is located in 2 or more counties, with each local agency formation commission within each county in which the district is located.

**Position**  
Watch Close,  
Work with other  
organizations

**Subject**  
Local  
Government

**SB 450 (Hertzberg D) Public bodies: bonds: public notice.**

**Current Text:** Chaptered: 10/9/2017 [Text](#)

**Introduced:** 2/15/2017

**Last Amend:** 9/8/2017

**Status:** 10/9/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 625, Statutes of 2017.

**Location:** 10/9/2017-S. CHAPTERED

**Summary:** Current law authorizes the governing body of a public body to authorize the issuance of bonds pursuant to a resolution, indenture, agreement, or other instrument providing for the issuance of bonds. Current law defines a "public body" to mean, among other entities, a county, city, or city and county. This bill, prior to authorization of the issuance of certain bonds, would require the governing body of a public body to obtain and disclose specified information regarding the bonds in a meeting open to the public.

**Position**  
Watch

**Subject**  
Local  
Government

**SB 496 (Cannella R) Indemnity: design professionals.**

**Current Text:** Chaptered: 4/30/2017 [Text](#)

**Introduced:** 2/16/2017

**Last Amend:** 4/5/2017

**Status:** 4/28/2017-Approved by the Governor. Chaptered by Secretary of State. Chapter 8, Statutes of 2017.

**Location:** 4/28/2017-S. CHAPTERED

**Summary:** Current law provides, with respect to contracts and amendments to contracts entered into on or after January 1, 2011, with a public agency, as defined, for design professional services, that all provisions, clauses, covenants, and agreements contained in, collateral to, or affecting these contracts or amendments to contracts that purport to require the design professional to defend the public agency under an indemnity agreement, including the duty and the cost to defend, are unenforceable, except for claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the design professional. This bill would instead make these provisions applicable to all contracts for design professional services entered into on or after January 1, 2018.

**Position**  
Disapprove

**Subject**  
Local  
Government

**SB 584 (Committee on Budget and Fiscal Review) Budget Act of 2017.**

**Current Text:** Amended: 5/1/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 5/1/2017

**Status:** 5/3/2017-Re-referred to Com. on B. & F.R.

**Location:** 5/3/2017-S. BUDGET & F.R.

**Summary:** This bill would express the intent of the Legislature to enact statutory changes relating to the Budget Act of 2017.

**Position**

Watch

**Subject**

**SB 589**

**(Hernandez D) Municipal separate storm sewer systems: financial capability analysis: pilot project.**

**Current Text:** Amended: 4/26/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/26/2017

**Status:** 5/26/2017-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/25/2017)(May be acted upon Jan 2018)

**Location:** 5/26/2017-S. 2 YEAR

**Summary:** Current law requires the State Water Resources Control Board or the regional boards to issue waste discharge requirements that apply and ensure compliance with the federal Clean Water Act and any more stringent effluent standards or limitations necessary to implement water quality control plans, or for the protection of beneficial uses, or to prevent nuisance. This bill would require the state board, in conjunction with an educational institution, to establish financial capability assessment guidelines for municipal separate storm sewer system permittees by an unspecified date.

**Position**

Approve

**Subject**

**SB 602**

**(Allen D) Pesticides: neonicotinoids: labeling.**

**Current Text:** Amended: 4/6/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/6/2017

**Status:** 6/2/2017-Failed Deadline pursuant to Rule 61(a)(8). (Last location was INACTIVE FILE on 6/1/2017)(May be acted upon Jan 2018)

**Location:** 6/2/2017-S. 2 YEAR

**Summary:** Would, on and after July 1, 2018, require labeling, as specified, of commercially available seeds and plants sold at retail establishments, excluding noxious weed seeds and plants, that have been treated with a neonicotinoid pesticide. The bill would specify that a violation of this requirement is not a crime but would constitute an unfair and unlawful business act or practice.

**Position**

Watch

**Subject**

**SB 623**

**(Monning D) Water quality: Safe and Affordable Drinking Water Fund.**

**Current Text:** Amended: 8/21/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 8/21/2017

**Status:** 9/1/2017-From committee: Without recommendation. (Ayes 11. Noes 0.) (September 1) Re-referred to Com. on RLS.

**Location:** 9/1/2017-A. RLS.

**Summary:** Would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the board to administer the fund to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure. The bill would authorize the state board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, bequests, and settlements from parties responsible for contamination of drinking water supplies.

**Position**

Watch Close

**Subject**

**SB 633**

**(Portantino D) Water quality objectives: stormwater.**

**Current Text:** Amended: 4/26/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/26/2017

**Status:** 5/26/2017-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/25/2017)(May be acted upon Jan 2018)

**Location:** 5/26/2017-S. 2 YEAR

**Summary:** Would require a regional board preparing a water quality control plan for a region having a

population in excess of 10 million residents to additionally consider opportunities to convey stormwater to a regional site within the watershed in which the stormwater originated for capture and infiltration and to consider the opportunity for stormwater capture when determining past and probable future beneficial uses of water, as specified. This bill contains other related provisions.

**Position** **Subject**  
Watch

**SB 657** **(Bates R) California Public Records Act: reverse public records actions.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 4/28/2017-Failed Deadline pursuant to Rule 61(a)(2). (Last location was JUD. on 3/9/2017) (May be acted upon Jan 2018)

**Location:** 4/28/2017-S. 2 YEAR

**Summary:** Would require a court in a reverse public records action to apply the provisions of the California Public Records Act as if the action had been initiated by a person requesting disclosure of a public record. This bill would require the requestor, as defined, to be named as a real party of interest in a reverse public records action, and would require a court to allow the requestor, at his or her request, to be heard on the merits of the reverse public records action.

**Position** **Subject**  
Oppose, Work  
with Others

**SB 659** **(Stern D) Alternative energy financing.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was RLS. on 2/17/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-S. 2 YEAR

**Summary:** The California Alternative Energy and Advanced Transportation Financing Authority Act authorizes the authority, until January 1, 2021, to provide financial assistance in the form of a sales and use tax exclusion for certain projects, with the purpose of promoting California-based manufacturing, California-based jobs, advanced manufacturing, the reduction of greenhouse gases, or the reduction in air and water pollution or energy consumption. The act prohibits the sales and use tax exclusions from exceeding \$100,000,000 for each calendar year. This bill would make nonsubstantive changes to these provisions and would delete an obsolete provision.

**Position** **Subject**  
Spot Bill, Watch  
Close

**SB 686** **(Wilk R) Public contracts: claim resolution.**

**Current Text:** Introduced: 2/17/2017 [Text](#)

**Introduced:** 2/17/2017

**Status:** 5/12/2017-Failed Deadline pursuant to Rule 61(a)(3). (Last location was JUD. on 3/9/2017) (May be acted upon Jan 2018)

**Location:** 5/12/2017-S. 2 YEAR

**Summary:** Current law establishes, for contracts entered into on or after January 1, 2017, a claim resolution process applicable to any claim by a contractor in connection with a public works project against a public entity. Current law defines a claim as a separate demand by the contractor for one or more of the following: a time extension for relief from damages or penalties for delay, payment of money or damages arising from work done pursuant to the contract for a public work, or payment of an amount disputed by the public entity, as specified. In the case in which a claimant disputes the public entity's response or the public entity fails to respond, current law requires a public entity to schedule a meet and confer conference for the settlement of the dispute. This bill would require the public entity to, instead, conduct the meet and confer conference within that some period.

**Position** **Subject**  
Spot Bill, Watch  
Close  
Local  
Government

**SB 705** **(Allen D) Solid waste: expanded polystyrene food service containers.**

**Current Text:** Amended: 5/26/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 5/26/2017

**Status:** 6/2/2017-Failed Deadline pursuant to Rule 61(a)(8). (Last location was INACTIVE FILE on 6/1/2017)(May be acted upon Jan 2018)

**Location:** 6/2/2017-S. 2 YEAR

**Summary:** Would enact the Ocean Pollution Reduction Act of 2017. The bill would prohibit a food vendor, as defined, that is subject to specified federal requirements for the posting of calories and nutrients imposed upon restaurants and other retail food establishments, on and after January 1, 2020, from dispensing prepared food to a customer in an expanded polystyrene food service container. The bill would prohibit all food vendors from dispensing prepared food to a customer in an expanded polystyrene food service container on and after January 1, 2022.

**Position**  
Watch

**Subject**

**SB 740**

**(Wiener D) Onsite treated water.**

**Current Text:** Amended: 4/26/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 4/26/2017

**Status:** 5/26/2017-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/25/2017)(May be acted upon Jan 2018)

**Location:** 5/26/2017-S. 2 YEAR

**Summary:** Would, on or before December 1, 2018, require the State Water Resources Control Board, in consultation with other state agencies, to adopt regulations, consistent with federal and state law in effect on January 1, 2018, to provide comprehensive risk-based standards for local jurisdictions permitting programs for onsite recycling of water in multifamily residential, commercial, and mixed-use buildings for nonpotable use. The bill would require the regulations to address specified issues and practices relating to the management, monitoring, and treatment of recycled water for nonpotable use.

**Position**  
Support

**Subject**

**SB 745**

**(Stern D) Vehicle registration: Environmental rebates.**

**Current Text:** Amended: 9/8/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 9/8/2017

**Status:** 9/8/2017-From committee with author's amendments. Read second time and amended. Re-referred to Com. on RLS.

**Location:** 9/8/2017-S. RLS.

**Summary:** Would establish the Climate Policy Rebate program and the Climate Policy Rebate Special Fund. The program would provide rebates to offset the transportation improvement fee imposed on a vehicle. The bill would require quarterly transfers of funds from the Greenhouse Gas Reduction Fund to the Climate Policy Rebate Special Fund in amounts needed to fund the rebates, as determined by the department. The bill would require the amount of an individual rebate to equal the transportation improvement fee imposed on a vehicle, and those rebates would be paid from the Climate Policy Rebate Special Fund to the department upon appropriation by the Legislature.

**Position**  
Spot Bill, Watch  
Close

**Subject**

**SB 775**

**(Wieckowski D) California Global Warming Solutions Act of 2006: market-based compliance mechanisms.**

**Current Text:** Amended: 5/1/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 5/1/2017

**Status:** 5/8/2017-May 10 hearing postponed by committee.

**Location:** 5/1/2017-S. E.Q.

**Summary:** The California Global Warming Solutions Act of 2006 designates the State Air Resources Board as the state agency charged with monitoring and regulating sources of emissions of greenhouse gases. The act authorizes the state board to include use of market-based compliance mechanisms. Current law prohibits a state agency from linking a market-based compliance mechanism with any other state, province, or country unless the state agency notifies the Governor. Current law requires the Governor to issue specified findings within 45 days of receiving that notice from a state agency and to provide those findings to the Legislature. This bill would add to the findings required to be issued by the Governor and provided to the Legislature in those circumstances.

**Position**  
Watch

**Subject**

**SB 778**

**(Hertzberg D) Water systems: consolidations: administrative and managerial services.**

**Current Text:** Amended: 7/13/2017 [Text](#)

**Introduced:** 2/17/2017

**Last Amend:** 7/13/2017

**Status:** 9/1/2017-Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. on 8/23/2017) (May be acted upon Jan 2018)

**Location:** 9/1/2017-A. 2 YEAR

**Summary:** Would require, on or before March 1, 2018, and regularly thereafter, as specified, the State Water Resources Control Board to track and publish on its Internet Web site an analysis of all voluntary and ordered consolidations of water systems that have occurred on or after July 1, 2014. The bill would require the published information to include the resulting outcomes of the consolidations and whether the consolidations have succeeded or failed in providing an adequate supply of safe drinking water to the communities served by the consolidated water systems.

**Position**

Watch Close

**Subject**

**SCA 4**

**(Hertzberg D) Water conservation.**

**Current Text:** Introduced: 2/2/2017 [Text](#)

**Introduced:** 2/2/2017

**Status:** 2/16/2017-Referred to Com. on RLS.

**Location:** 2/2/2017-S. RLS.

**Summary:** The California Constitution requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable and that the waste or unreasonable use or unreasonable method of use of water be prevented. This measure would declare the intent of the Legislature to amend the California Constitution to provide a program that would ensure that affordable water is available to all Californians and to ensure that water conservation is given a permanent role in California's future.

**Position**

Work w/author

**Subject**

**SCR 80**

**(Dodd D) Water Professionals Appreciation Week.**

**Current Text:** Chaptered: 9/19/2017 [Text](#)

**Introduced:** 8/23/2017

**Last Amend:** 9/6/2017

**Status:** 9/13/2017-Chaptered by Secretary of State- Chapter 159, Statutes of 2017

**Location:** 9/13/2017-S. CHAPTERED

**Summary:** This measure would proclaim the first week of October, beginning on the first Saturday of the month and ending on the Sunday of the following weekend, Water Professionals Appreciation Week, and would encourage public water and wastewater agencies to offer tours, open houses, and other events during that time to educate Californians on the important functions of those agencies.

**Position**

Support

**Subject**

**Total Measures: 99**

**Total Tracking Forms: 99**



**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**DATE:** December 11, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer

**SUBJECT:** Agenda Item No. 12 - Meeting of December 18, 2017  
Information Item: **CASA 2017 Annual Conference**

**Recommendation**

Receive an informational report on the California Association of Sanitation Agencies (CASA) 2017 Annual Conference on the sessions attended by the General Manager.

**Background**

CASA held its annual conference on August 22-24, 2017. The following is a summary of the presentations from the conference attended by the General Manager. Handouts are available for most of the presentations. Please let us know what session you would be interested in obtaining more information on, and copies or links to the presentations can be provided.

- Federal Legislative Committee
- Public Private Partnerships Panel
- Research Update from the Water Environment and Reuse Foundation
- Watershed Solutions Panel
- Bay Area Biosolids Coalition Meeting
- State Legislative Committee

**Attachments:**

CASA 2017 Annual Conference Program Guide  
CASA August 2017 Federal Legislative Committee Meeting Agenda and attachments  
CASA August 2017 State Legislative Committee Meeting Agenda and attachments

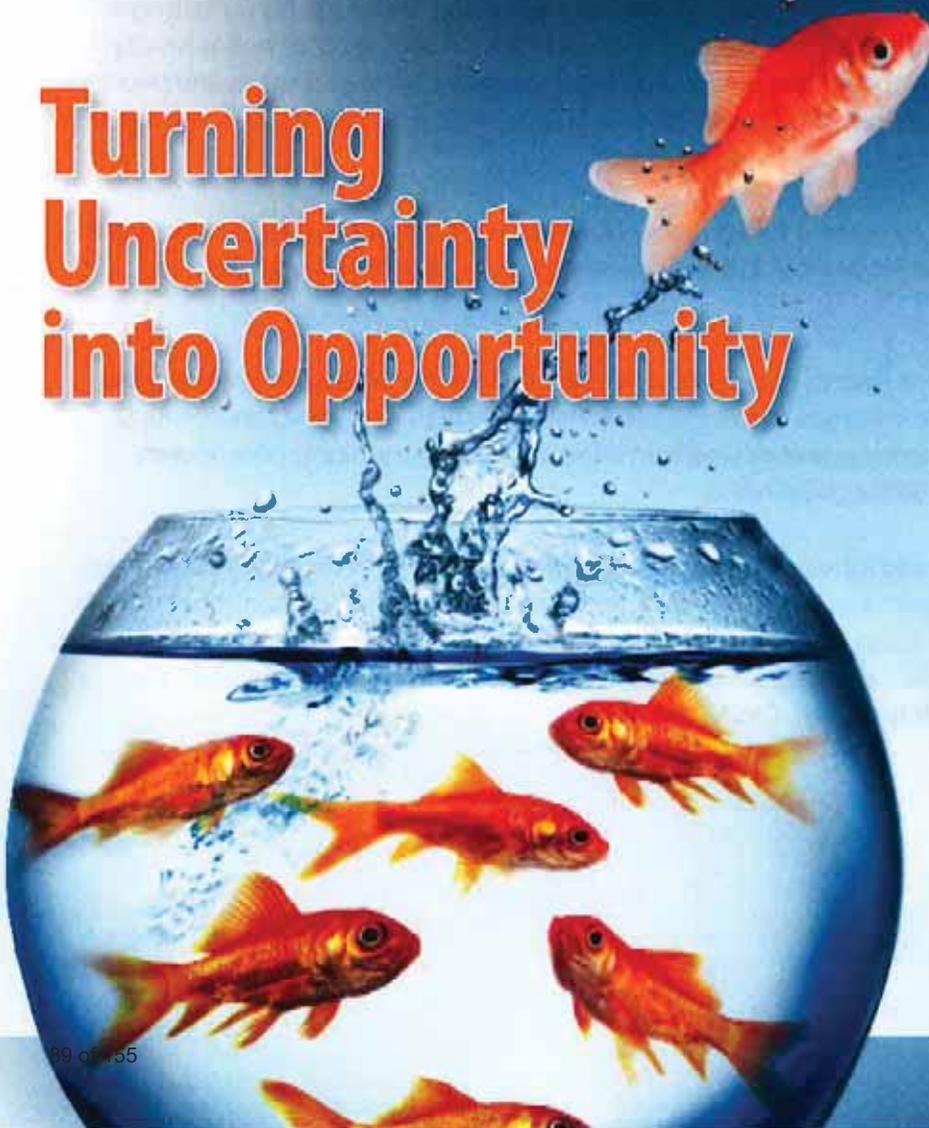
# PROGRAM



## 62<sup>nd</sup> ANNUAL CONFERENCE

August 22-24, 2017 • Marriott Marquis • San Diego, CA

**Turning  
Uncertainty  
into Opportunity**





## Message from the Executive Director



Bobbi Larson,  
*CASA Executive Director*

Welcome to our 2017 Annual Conference. We are excited to present a great lineup of speakers and panels as we explore our theme of “turning uncertainty into opportunity.” In an environment of changing laws, regulations and policy, the clean water community continues to provide essential environmental and public health protection while embracing innovation, producing renewable resources and investing in critical infrastructure. Our conferences are an important forum for exchanging ideas, learning about new approaches, and building the professional relationships that are key to our collective success.

We are fortunate to have several of California’s best and brightest leaders here to share their insights and vision for California. State Controller Betty Yee will provide her perspective on the fiscal challenges we face. San Diego Mayor Kevin Faulconer will discuss his vision for “One San Diego” as well as his city’s groundbreaking Pure Water project. And Joaquin Esquivel will bring us the latest initiatives and priorities from the State Water Board. Private public partnerships, collaborative regional solutions, and new research will also be highlighted during the course of the conference.

On Tuesday afternoon, we offer something for everyone. Our concurrent sessions will tackle operations and management best practices, Proposition 218 and rate related issues, and the latest regulatory developments.

Don’t miss the presentation of the Awards of Excellence, where CASA will honor the achievements and innovations of our members. We invite you to join our committee meetings, which will feature robust discussions of key issues. Wednesday evening’s reception offers a great opportunity to unwind with colleagues and compare notes on the day’s events.

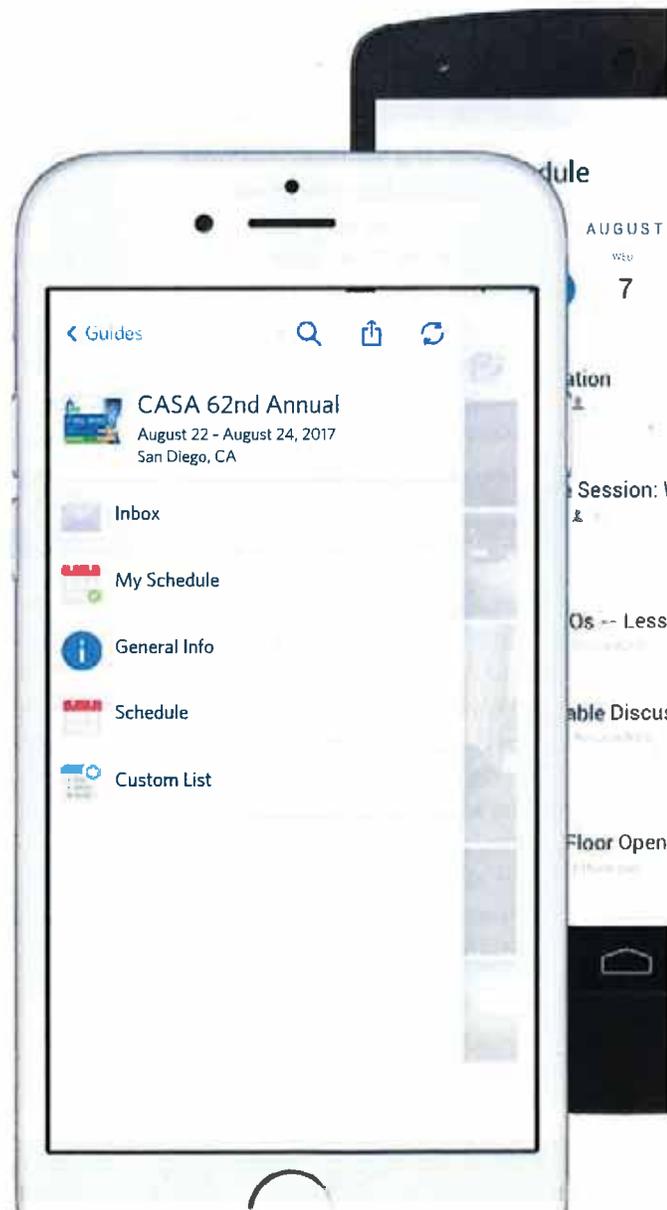
Our priorities for the months ahead include more focused member recruitment, continuing our work on a long-range organizational growth and succession plan, and advocating for our members’ interests on a variety of regulatory and policy issues, including diversion of organics from landfills, nutrient management and toxicity. For all of our initiatives, our strength is our membership. Thank you for joining us for the conference and for all your contributions to CASA’s success.

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# 62<sup>nd</sup> ANNUAL CONFERENCE

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## Tuesday, August 22, 2017

- 7:00 a.m. - 12:00 p.m. CSRMA Training Seminar & Breakfast**  
Location: Temecula 1-4
- 9:00 a.m. - 5:00 p.m. Registration**  
Location: San Diego Foyer
- 10:00 a.m. - 12:00 p.m. CASA Board of Directors Meeting**  
Location: Presidio
- 12:00 p.m. - 1:00 p.m. Communications Workgroup Meeting**  
Location: Torrey Pines 2-3  
*Chair Sue Stephenson, Dublin San Ramon Services District*
- 1:00 p.m. - 4:00 p.m. Concurrent Sessions**

### SESSION 1

Location: San Diego B

#### Utility Rates, Accessory Dwelling Units (ADU) and Prop. 218

#### Implementing the New ADU Laws and Prop. 218 Considerations

Moderator: **Adam Link, CASA**

- **Carl Nelson, Bold, Polisner, Maddow, Nelson & Judson**
- **Robert Kwong, Arnold LaRoche**
- **Mathews VanConas & Zirbel LLC**
- **Doug Dove, Bartle Wells Associates**

#### Achieving the Rates You Need: Prop. 218 Notices

Moderator: **Sue Stephenson, Dublin San Ramon Services District**

- **Emily Barnett, Central Contra Costa Sanitary District**
- **Tim Healy, Napa Sanitation District**
- **Jeff Reinhardt, Las Virgenes Municipal Water District**
- **Paul Sciuto, Monterey One Water**

### SESSION 2

Location: San Diego A

#### Operations and Management Best Practices

Moderator: Vince De Lange, Delta Diablo

- **Pia Jacobsen, Danish Water Technology Alliance, Wastewater Innovation in Denmark**
- **Randy Lee, Inland Empire Utilities Agency**

- **Jean-Marc Petit, Central Contra Costa Sanitary District, Central San Best Management Practices**
- **Robin Morishita, Leucadia Wastewater District, Improving Collection System Performance**

### SESSION 3

Location: San Diego C

#### Regulatory Hot Topics

#### Biosolids Regulations and Developments

Moderator: **Jackie Zipkin, East Bay**

#### Municipal Utility District

- Kern Litigation Update
- SB 1383 Implementation
- EPA Determination of Credits for Transportation Fuel Produced from Co-Digestion
- AB 1901 Implementation

#### Water Quality Regulations and Developments

Moderator: **Lisa Haney, Orange County Sanitation District**

- **Tom Grovhoug, Larry Walker Associates, Biostimulatory Substances Policy Developments**
- **Dave Smith, USEPA Region 9, USEPA Collaboration**
- **Paul Causey, Central Contra Costa Sanitary District, Collection System Workgroup Updates**
- **Steve Jepsen, SCAP and Dave Williams, BACWA, Upcoming Regional Association Priorities**

1:00 p.m. – 2:15 p.m.

2:15 p.m. – 2:45 p.m. BREAK

2:45 p.m. – 4:00 p.m.

# 62<sup>nd</sup> ANNUAL CONFERENCE

August 22-24, 2017 • Marriott Marquis • San Diego, CA

## Tuesday, August 22, 2017 *continued*

- 4:15 p.m. – 5:30 p.m. Federal Legislative Committee Meeting**  
Location: San Diego C  
*Chair Jim Colston, Orange County Sanitation District*
- 4:15 p.m. – 5:30 p.m. Associates Committee Meeting**  
Location: Torrey Pines 2-3  
*Chair Layne Baroldi, Synagro*  
  
*Brent Eidson, City of San Diego Public Utilities Department, Pure Water San Diego*
- 5:00 p.m. – 6:30 p.m. CSRMA Executive Board Meeting**  
Location: Presidio
- 5:30 p.m. – 6:30 p.m. Meet & Greet Reception**  
Location: Temecula 1-4

## Wednesday, August 23, 2017

- 7:30 a.m. – 5:00 p.m. Registration**  
Location: San Diego Foyer
- 7:45 a.m. – 9:00 a.m. Breakfast**  
Location: San Diego Foyer
- 7:30 a.m. – 9:00 a.m. CSRMA Board of Directors Meeting**  
Location: San Diego C
- 7:45 a.m. – 9:00 a.m. Utility Leadership Committee Meeting**  
Location: San Diego A  
*Chair Ben Horenstein, City of Santa Rosa Utilities Department*  
  
*Paul Cook, Irvine Ranch Water District, IRWD Battery Storage Project*
- 9:15 a.m. – 12:00 p.m. Morning Session**  
Location: San Diego B  
*Vice President Paul Bushee Presiding*
- 9:30 a.m. – 10:00 a.m. Opening Address: Kevin Faulconer, Mayor, San Diego**
- 10:00 a.m. – 11:15 a.m. Public Private Partnerships Panel**  
*Hala Titus, CDM Smith, Overview/Moderator*  
*Ben Munoz, Selma Kingsburg Fowler Sanitation District & Ashu Jain, Opterra Energy, Solar & Energy Storage Project*  
*Traci Minamide, City of LA Sanitation, Digester Gas Utilization Project*
- 11:15 a.m. – 11:45 a.m. Presentation of the 2017 CASA Awards of Excellence**
- 12:00 p.m. – 1:45 p.m. Conference Luncheon & Business Session**  
Location: San Diego A  
*President Jeff Moorhouse Presiding*
  - Dues Resolution
  - Legislative Updates
  - 2017 Education Foundation Scholarship Recipients

# 62<sup>nd</sup> ANNUAL CONFERENCE

August 22-24, 2017 • Marriott Marquis • San Diego, CA

## Wednesday, August 23, 2017 *continued*

- 2:00 p.m. - 4:30 p.m.**     **Afternoon Session**  
Location: San Diego B  
*Secretary/Treasurer Traci Minamide Presiding*
- 2:00 p.m. - 2:30 p.m.**     **Research for One Water: Reuse, Recovery, and Resiliency**  
*Jeff Mosher, Water Environment and Reuse Foundation*
- 2:30 p.m. - 4:00 p.m.**     **We're in this Together: Working Toward Sustainable Watersheds**  
Moderator: *Bobbi Larson, CASA*  
*Pamela Creedon, Central Valley Regional Water Board, CV SALTS*  
*Dave Williams, Bay Area Clean Water Agencies, Bay Area Nutrients*  
*Ashli Desai, Larry Walker Associates, Development of Biostimulatory Objectives for the Santa Margarita River Watershed*
- 4:30 p.m. - 5:30 p.m.**     **Bay Area Biosolids Coalition Meeting**  
Location: Torrey Pines 2-3
- 5:30 p.m. - 6:30 p.m.**     **Reception**  
Location: Coronado Terrace

## Thursday, August 24, 2017

- 7:30 a.m. - 11:00 a.m.**     **Registration**  
Location: San Diego Foyer
- 7:30 a.m. - 9:30 a.m.**     **Breakfast**  
Location: San Diego Foyer
- 8:00 a.m. - 9:00 a.m.**     **State Legislative Committee Meeting**  
Location: San Diego A  
*Chair Traci Minamide, City of Los Angeles, LA Sanitation*
- 9:15 a.m. - 11:00 a.m.**     **Closing Session**  
Location: San Diego B  
*President Jeff Moorhouse Presiding*
- 9:15 a.m. - 10:00 a.m.**     **Keynote: Perspective on Accountability and Reform**  
*State Controller Betty Yee*
- 10:00 a.m. - 10:45 a.m.**     **Priorities and Challenges for California Water**  
*Joaquin Esquivel, Member, State Water Board*
- 10:45 a.m. - 11:00 a.m.**     **Passing of the Gavel, announcement of election results, adjourn**
- 11:00 a.m. - 3:00 p.m.**     **Attorneys Committee Meeting**  
Location: San Diego A  
*Chair Claire Collins, Lewis, Brisbois, Bisgaard & Smith*

# Speakers



**EMILY BARNETT,  
CENTRAL CONTRA COSTA  
SANITARY DISTRICT**

Emily Barnett is the Communications and Intergovernmental Relations Manager for Central Contra Costa Sanitary District (Central San). She also serves as the Vice-Chair of the CASA Communications Workgroup. She brings more than 17 years' experience working in both the public and private sectors in communications, media relations, issues management, stakeholder/community engagement, government relations and advocacy. Ms. Barnett previously worked as the Director of Communications and Strategy Development for ClearEra Communications, as a Government Relations Manager for Pacific Gas & Electric Company, and as a District Representative for the California State Senate. Ms. Barnett has a Masters' Degree in Communication Studies from San Jose State University and a Bachelors' Degree in Political Science from California State University, Stanislaus.



**PAUL A. COOK, IRVINE  
RANCH WATER DISTRICT**

Paul A. Cook is the General Manager of Irvine Ranch Water District. As General Manager, Mr. Cook is responsible for all aspects of day-to-day district operations including a staff of nearly 325 and a combined annual Operating and Capital Budget of over \$225 million.

Mr. Cook is a registered civil engineer with more than 22 years of experience in water and wastewater system projects in both the public and private sectors. Previous to his appointment as General Manager, Mr. Cook was the IRWD Assistant General Manager. Prior to joining IRWD, he served as the Manager of Engineering for Central and West Basin Municipal Water Districts in Los Angeles County where he was responsible for a \$350 million, five-year capital improvements program that included one of the largest water recycling projects in the nation.

Mr. Cook received his Bachelor of Science degree in civil engineering from University of Pacific in Stockton, CA. He went on to earn a Master of Science degree in civil engineering from California State University Long Beach and an MBA degree from the University of California at Irvine.



**PAMELA CREEDON,  
CENTRAL VALLEY  
REGIONAL WATER QUALITY  
CONTROL BOARD**

Pamela Creedon is the Executive Officer of the Central Valley Regional Water Quality Control Board. She is a licensed Civil Engineer and a Board Certified Environmental Engineer with more than 37 years of professional experience, including over 26 years of experience in both the public and private sectors developing and implementing water quality regulatory programs. She has served as the Executive Officer for the Central Valley Water Board for more than 11 years. She holds a Bachelor of Science and Master of Science in Civil Engineering from California State University, Sacramento. She is a member of the American Academy of Environmental Engineers and Tau Beta Pi, as well as a member of the Board of Directors for the San Francisco Estuary Institute and Aquatic Science Center.



**ASHLI DESAI,  
LARRY WALKER  
ASSOCIATES**

Ashli Desai is a Vice President with Larry Walker Associates. She has over 20 years of experience in facilitating coordination between municipal agencies, stakeholder groups, and regulatory agencies to provide solutions for solving water quality problems. Her current focus is supporting TMDL development, implementation, and watershed management program development throughout Southern California. Ms. Desai has a masters' degree in Civil and Environmental Engineering from Stanford University.

# Speakers



**DOUGLAS DOVE,  
BARTLE WELLS ASSOCIATES**

Douglas Dove is a principal consultant at Bartle Wells Associates with more than 20 years of municipal finance and project management experience. Doug specializes in

strategic financial planning, bond marketing, and utility rate setting. He has worked for a wide variety of public agencies and developed financing plans to support virtually all types of public works programs. Since joining BWA in 1990, Doug has secured billions of dollars of capital funding for public agencies through the issuance of municipal bonds and procurement of federal and state grants and loans. He is a Certified Independent Professional Municipal Advisor. Doug has an M.S. in Civil Engineering from the University of California, Berkeley and a B.S. in Civil Engineering from Drexel University.



**BRENT EIDSON,  
CITY OF SAN DIEGO**

Brent Eidson is the City's Deputy Director of External Affairs and has more than 15 years of experience working with legislators, administrators and regulators in both Sacramento

and Washington, D.C. to advance city legislative, budgetary and regulatory priorities. He is a leader in the efforts to gain federal approval for secondary equivalency for the Pt. Loma Wastewater Treatment Plant.

Before joining the Public Utilities Department in 2011, Brent was Assistant Director of Governmental Relations and a Policy Advisor to Mayor Jerry Sanders (2006 – 2011), where he was responsible for developing and implementing the City's state and federal legislative and budgetary platforms. As part of those duties, he worked successfully to negotiate the current Pt. Loma Wastewater Treatment Plant discharge permit with the California Coastal Commission, setting the stage for what is now the Pure Water San Diego Program.

Brent completed his education at the University of San Diego with a major in International Relations/Political Science and a minor in International Business.



**E. JOAQUIN ESQUIVEL,  
STATE WATER RESOURCES  
CONTROL BOARD**

E. Joaquin Esquivel was appointed to the State Water Resources Control Board (Board) by Governor Edmund G. Brown Jr. in March of 2017. Prior to his

appointment to the Board he served as Assistant Secretary for Federal Water Policy at the California Natural Resources Agency. Working in Governor Brown's Washington, D.C. office, Mr. Esquivel represented the interests of the Natural Resources Agency and its departments and facilitated communication, outreach, coordination, and the development of policy priorities between the Agency, the Governor's Office, the California Congressional delegation, and federal stakeholder agencies in the nation's capital.

Mr. Esquivel previously worked for U.S. Senator Barbara Boxer of California for eight and a half years in her Washington, D.C. office.

Mr. Esquivel is a graduate of U.C. Santa Barbara with a B.A. in English, was born and raised in California's Coachella Valley, and is the proud son of educators and grandson of farm workers.



**MAYOR KEVIN FAULCONER,  
CITY OF SAN DIEGO**

Kevin L. Faulconer became the 36th mayor of San Diego on March 3, 2014, on a campaign message of bringing San Diego together and restoring integrity to City Hall.

Shortly after taking office, Mayor Faulconer began implementing his vision for "One San Diego," a unified city with an inclusive city government that creates

# Speakers

opportunities for San Diegans and delivers results for every neighborhood.

His accomplishments include directing 50 percent of all new major revenue toward neighborhood improvements; doubling the miles of streets repaired annually; hiring the first female police chief in San Diego history; improving emergency response times in underserved neighborhoods; increasing hours at libraries and recreation centers to their highest level in a decade; creating a year-round indoor homeless shelter for families and veterans that replaced temporary outdoor winter tents; negotiating a five-year agreement with police officers to address recruitment and retention problems; helping innovative companies grow and expand in San Diego, and bringing a customer-service attitude to city government.

Mr. Faulconer graduated in 1990 from San Diego State University.



**TIM HEALY,  
NAPA SANITATION  
DISTRICT**

Tim Healy is the General Manager of Napa Sanitation District, which provides wastewater collection, treatment and disposal services to over

82,000 customers in the City of Napa and surrounding unincorporated areas. He has worked at the Napa Sanitation District for 26 years, starting as an Engineer with the district and becoming General Manager in 2010. Tim leads the district's 51 employees and manages its operations. The District treats an average of 10 million gallons of wastewater each day, and produces recycled water and biosolids for reuse.

A Napa native, Tim received his bachelor's degree in civil engineering from the University of the Pacific.



**PIA JACOBSEN,  
AARHUS WATER & THE  
WATER TECHNOLOGY  
ALLIANCE**

Pia Jacobsen is currently on a leave of absence from her position as Program Manager in Operations at one of

Denmark's largest utilities, Aarhus Water Ltd.. Aarhus Water supplies clean drinking water to and treats wastewater from 300,000 customers. Pia has 15-years of experience on optimizing the drinking water system through development and improvement projects. As a participant in the Danish Water Technology Alliance, Pia is working diligently to establish a strong network of professionals in the U.S. through which common goals and results can be achieved. At the same time, Pia is committed to maintaining close contact with Danish utilities and authorities at the forefront of total water cycle solutions.



**ASHU JAIN,  
OPTERRA ENERGY SERVICES**

Ashu Jain is a Senior Manager with OpTerra Energy Services, the largest independent energy efficiency and renewable energy company in the country. Ashu has more than 35 years

of experience in the energy services industry. He holds a BS in Mechanical Engineering from Indian Institute of Technology, an MBA from UCLA and is a California-Licensed Professional Mechanical Engineer. Ashu has also served on the Board of Orange County Waste & Recycling.



**ROBERT N. KWONG,  
ARNOLD LAROCHELLE  
MATHEWS VANCONAS &  
ZIBEL LLP**

Robert N. Kwong brings more than 25 years of experience in land use and environmental law to A to Z Law. Prior to joining

# Speakers

the firm, Robert was Assistant County Counsel for the County of Ventura for 11 years, providing legal counsel, litigation and transactional representation to the Resource Management Agency's Planning, Environmental Health, Code Compliance and Building & Safety divisions. He advised the Ventura County Board of Supervisors and County Planning Commission on many controversial land-use projects.

Robert also served as general counsel to the Ventura County Air Pollution Control District and its staff, handling matters related to federal and state Clean Air Acts and regulations; air quality grant programs; permitting and enforcement issues. In this capacity, Robert was on the forefront of Climate Change laws and regulations involving the California Global Warming Solutions Act of 2006 (AB 32) and the Sustainable Communities and Climate Protection Act of 2008 (SB 375). In addition, Robert provided legal counsel to other Ventura County agencies and departments.

Robert received a Bachelor of Science degree in Real Estate & Entrepreneurial Management from the University of Pennsylvania's Wharton School of Business in 1982 as well as a Bachelor of Arts degree in American Socio-Economic History from the University of Pennsylvania's College of Arts & Sciences in 1982. Robert earned his Juris Doctorate from the Loyola School of Law in Los Angeles in 1985.



**RANDY LEE, INLAND  
EMPIRE UTILITIES AGENCY**

Randy Lee is the Executive Manager of Operations/Assistant General Manager at IEUA. Randy joined IEUA in 2000, and during his tenure has worked in Construction

Management, Engineering, Operations, and Technical Services/Environment Compliance departments. Randy left the Agency for a couple of years, holding the position of Assistant Director of Recycling Operations for the Irvine Ranch Water District. In 2015, Randy returned to IEUA and was promoted to his current position in May of 2016. Randy holds BS and MS degrees from the University of

California, Riverside and is a Professional Engineer-Civil. In addition, he has a Grade V Wastewater Certificate.



**TRACI MINAMIDE,  
CITY OF LOS ANGELES  
SANITATION**

Traci is the Chief Operating Officer for the City of Los Angeles, LA Sanitation. In this capacity, she assists the director by maintaining bureau-wide

oversight of operational activities in a program that consists of three core services: wastewater collection and treatment, solids resources, and watershed protection (stormwater). Her main area of focus is in wastewater treatment, water recycling, and biosolids management where over 450 million gallons per day are collected and treated. Traci has been with the city for 25 years and has previously served with the city's Department of Water and Power and the Irvine Ranch Water District. She has served in many capacities including water planning, industrial pretreatment, environmental regulations, and wastewater treatment.

Traci holds a Bachelor of Science in civil engineering from California State Polytechnic University at Pomona and a Master of Science in environmental engineering from Loyola Marymount University. She is also a licensed professional civil engineer in the State of California and a board certified environmental engineer.



**ROBIN MORISHITA,  
LEUCADIA WASTEWATER  
DISTRICT**

Robin Morishita is the Technical Services Manager for the Leucadia Wastewater District. As the Technical Services Manager, Robin is responsible

for the Field Services Department (Operations) and executing Leucadia's Asset Management Plan and Capital Improvement Program. Robin began his career in the wastewater industry in 1991 at the Encina Wastewater

# Speakers

Authority. In 2003 he left Encina and joined Leucadia to manage the CIP. In 2011, he was promoted to his current position.

Born and raised in Hawaii, Robin is a graduate of the U.S. Naval Academy with a Bachelor of Science Degree in Systems Engineering. He has a Certificate in Government Contract Management from San Diego State University. Robin is a retired Navy Captain from the Naval Reserves.



**JEFFREY J. MOSHER, M.S.,  
WATER ENVIRONMENT &  
REUSE FOUNDATION**

Jeff Mosher is the Chief Research Officer at WE&RF. Before joining WE&RF, he served as the Executive Director for the National Water Research

Institute (NWRI). As Executive Director, he managed NWRI's research program, as well as organized events, identified research funding opportunities and research partners, and communicated the results of research to the water community and public.

Mr. Mosher has worked in the water industry for more than 18 years. Prior to joining NWRI, he spent 3 years with the WaterReuse Foundation. As Director of Research Programs, he was responsible for directing the Foundation's multi-million dollar research program, overseeing staff and financial resources, identifying research partners, planning and holding workshops and conferences, and supporting the needs of the Board of Directors, advisory committees, and volunteers. Mr. Mosher worked for the Association of Metropolitan Water Agencies from 1999 to 2002 as Director of Technical Services, where he spearheaded technical support for the Association, which represents large municipally-owned drinking water systems. In this capacity, he helped establish and coordinate a national advisory committee on water utility security prior to the September 11, 2001, terrorist attacks on the United States. He worked for 10 years as an environmental consultant in the areas of water quality, regulation, and policy. In addition, he worked 3 years in technical services in the manufacturing industry.

Jeff received a B.S. in Chemistry from the College of William and Mary and an M.S. in Environmental Engineering from George Washington University.



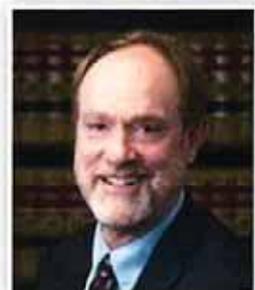
**BEN MUNOZ, JR.,  
SELMA-KINGSBURG-  
FOWLER COUNTY  
SANITATION DISTRICT**

Ben Muñoz, Jr. is the General Manager of Selma-Kingsburg-Fowler County Sanitation District. He is ultimately

responsible for the safe, efficient, collection, treatment and disposal of wastewater for the District's three member cities, Selma, Kingsburg, Fowler and parts of unincorporated Fresno County.

He started working in the public sector in 1980 as a Wastewater Reclamation Plant Operator Trainee and was promoted to Reclamation/Utility Services Manager with the City of Dinuba prior to working with the District. He has been with the District since 1999, starting as an Assistant General Manager and assuming his current position as General Manager in 2009.

Mr. Muñoz holds a BA in Management and Organizational Development from Fresno Pacific University and a MBA from University of Phoenix. He currently holds a valid Grade V Wastewater Treatment Plant Operator Certificate, Grade 3 Water Treatment Plant Operator Certificate and Grade 2 Water Distribution Operator Certificate issued by the State Water Resources Control Board.



**CARL P. A. NELSON,  
BOLD, POLISNER, MADDOW,  
NELSON & JUDSON**

Carl began his law practice in 1984 with the predecessor firm of Bold and Polisner, and was one of the original partners when the current firm

was created in 1993. He is the past chair of the CASA Attorneys Committee. His practice has specialized in issues

# Speakers

relating to the formation and administration of complex contractual arrangements, including real property, construction, and contracts for water, wastewater and electrical service, typically in connection with providing the infrastructure necessary to serve a growing customer base. Carl also has significant experience in the law of public agency rates and charges, in the rules and regulations under which publicly owned utilities provide services to their customers, in all phases of public agency governance matters, and in environmental and natural resources matters, with an emphasis on water rights and water quality.

Carl received his A.B. from University of California at Berkeley in 1977, and his J.D. from University of California, Hastings College of the Law, in 1984.



**JEAN-MARC PETIT,  
CENTRAL CONTRA COSTA  
SANITARY DISTRICT**

Jean-Marc Petit is the Director of Engineering and Technical Services for Central Contra Costa Sanitary District. He has been with the district

since 2014 and has 31 years of experience in water and wastewater. Prior to joining the district, Jean-Marc was an engineering consultant practicing in California, Colorado and the Midwest. Jean-Marc holds a BS and MS in Civil Environmental Engineering from Colorado State University and holds PE licenses in six states including California.



**JEFF REINHARDT,  
LAS VIRGENES MUNICIPAL  
WATER DISTRICT**

Jeff has been with Las Virgenes Municipal Water District since 2003, where he manages public outreach, education, customer communications, media

relations and legislative issues. He has more than 30 years of experience as a communications professional including positions with two Fortune 500 firms. He is a freelance

writer, with articles published in several national, regional and professional periodicals. Jeff also served as mayor, city council member and planning commission member in Agoura Hills, CA from 1991-2005.



**PAUL SCIUTO,  
MONTEREY ONE WATER**

Paul A. Sciuto is the General Manager for the Monterey Regional Water Pollution Control Agency (MRWPCA). In that role, he is responsible for the day-to-day administration of the

MRWPCA and for the implementation of Board policy. Mr. Sciuto served as Deputy General Manager for MRWPCA from August 2014 to June 2015. Prior to that, Mr. Sciuto served as the Assistant General Manager/Engineer at South Tahoe Public Utility District from October 2003 to August 2014. Mr. Sciuto has over 27 years of overall experience exclusively in the wastewater/reclaimed water/potable Water industry. He has over 15 years' experience in executive utility management of wastewater, reclaimed water, and/or potable water public entities. He holds a Bachelor of Science Degree from the University of California Davis in Civil Engineering, an MBA in Finance from California State University Hayward and a Master of Science in Technology Management from Pepperdine University, George L. Graziadio School of Business and Management.



**DAVID WILLIAMS,  
BAY AREA CLEAN WATER  
AGENCIES**

David (Dave) Williams is the Executive Director of the Bay Area Clean Water Agencies. He previously served as the Director of Wastewater for the East Bay

Municipal Utility District in Oakland and has more than 35 years of experience in wastewater engineering.

Dave is a registered Professional Engineer. He holds a Master of Science Degree in Civil/Sanitary Engineering

# Speakers

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and a Bachelor of Science Degree in Civil Engineering from Purdue University; and a Master of Science Degree in Business Administration from U.C. Berkeley. Mr. Williams is a Board Member of the San Francisco Estuary Institute/ Aquatic Science Center and a Past President of CASA as well as the National Association of Clean Water Agencies.



## STATE CONTROLLER BETTY T. YEE

State Controller Betty T. Yee was elected in November 2014, following two terms of service on the California Board of Equalization. As Controller, she continues to serve the Board as its fifth voting member.

Ms. Yee was first elected to the Board of Equalization in 2006 where she represented 21 counties in northern and central California. She was elected to her second four-year term in 2010.

Now serving as the state's chief fiscal officer, Ms. Yee also chairs the Franchise Tax Board and serves as a member of the California Public Employees' Retirement System (CalPERS) and the California State Teachers' Retirement System (CalSTRS) Boards. These two boards have a combined portfolio of nearly \$500 billion.

Ms. Yee has more than 30 years of experience in public service, specializing in state and local finance and tax policy. Ms. Yee previously served as Chief Deputy Director for Budget with the California Department of Finance where she led the development of the Governor's Budget, negotiations with the Legislature and key budget stakeholders, and fiscal analyses of legislation on behalf of the Administration. Prior to this, she served in senior staff positions for several fiscal and policy committees in both houses of the California State Legislature. She also cofounded the Asian Pacific Youth Leadership Project, which exposes California high school youth to the public service, public policy, and political arenas.

A native of San Francisco, Ms. Yee received her bachelor's degree in sociology from the University of California, Berkeley, and she holds a master's degree in public administration.

## 2017 CEF Recipient Profiles



**Cheryl Fichter** is entering her senior year at the University of California, Davis, studying chemical engineering. She has held three positions in the Society of Women Engineers, and will be section President in the 2017-18 school year. She has done research in a Physical

Chemistry lab at UC Davis, and has had internships with Pacific Gas & Electric, Chevron Corporation, and Morgan Stanley. In her free time, Cheryl likes oil painting and playing with dogs.



**Phillip Leone** is a full-time student at the Santa Rosa Junior College. Phillip is studying the Water and Wastewater Treatment Operator Associate of Science (A.S.). Phillip has recently become a Water Distribution Grade D1 Certified Operator, and a Water Treatment Grade

T1 Certified Operator. In May of this year, he passed his

Wastewater Grade 1 exam and is completing his 1800 hours. When Phillip is not at school or working, he is a part-time intern at Graton CSD as an Operator-in-Training. Phillip is also a member of WEF, and a member of the CWEA Redwood Empire Section. He aspires to land a position in Operations or Environmental Compliance in the near future.



**Sierra Winter** is a junior environmental science and management major at University of California, Davis. Sierra has always loved being in nature and first became interested in water systems from a high school science project. Sierra is interning at UC Davis helping graduate students with their research

projects. In the future, she plans on earning a PhD and working in water management while doing research.

"I'm extraordinarily grateful for this opportunity to expand my knowledge of water management in order to reach my full potential as an environmental scientist," says Sierra.

**Turning  
Uncertainty  
into Opportunity**



### ORGANIZATIONS

Brown and Caldwell  
 Carollo Engineers  
 Carpinteria Sanitary District  
 CASA Associates  
 The Covello Group, Inc.  
 Central Contra Costa Sanitary District  
 City of Los Angeles, LASAN  
 Cupertino Sanitary District  
 Dublin San Ramon Services District  
 Emerald Bay Service District  
 Gary Butler Insurance Agency  
 HDR Engineering, Inc.  
 Ironhouse Sanitary District  
 Lee & Ro  
 Lystek International  
 Mark Thomas & Co. Inc.  
 Moorhouse Financial Services  
 Opterra Energy Services  
 Orange County Sanitation District  
 Smith Moore & Associates  
 South Orange County Wastewater Authority  
 V.W. Housen & Associates  
 Waste Connections, Inc.

### INDIVIDUALS

Pervaiz & Rehanan Anwar  
 Layne Baroldi  
 Gary Brasser  
 Paul Bushee  
 Charlotte Craven  
 Brian Danley  
 Richard Duffey  
 Mike Dunbar  
 Jim & Michelle Graydon  
 Kevin M. Hardy  
 Erika Herthel  
 John Hoagland  
 Valerie Houchin  
 Jay Z. James  
 AShwini Kantak  
 Wendell Kerr  
 Roberta L. Larson  
 William C. Long  
 Allison Mackenzie  
 Jean M. Mariani  
 Alan Miller  
 Brant M. Miller  
 Logan Olds  
 Henry Perea  
 A. Gerald Peters  
 Robert Reid  
 Kenneth & Patricia Robbins  
 Patrick Sheilds  
 Charles Weir  
 David R. Williams  
 Jackie Zipkin

## Upcoming CASA Events



Mark your  
calendar!

**November 14, 2017**

**Innovative Technology Workshop**  
**HS Lordships**  
 Berkeley, CA

**November 15, 2017**

**Innovative Technology Workshop**  
**UC Irvine Student Center**  
 Irvine, CA

**January 24-26, 2018**

**Winter Conference**  
**Hilton Palm Springs**

**February 26-28, 2018**

**Washington D.C. Policy Forum**  
**The St. Regis**

**April 11, 2018**

**CASA WateReuse Public Policy Forum**  
**The Sutter Club**  
 Sacramento, CA

**August 8-10, 2018**

**63<sup>rd</sup> Annual Conference**  
**Marriott Monterey**

*Read your CASA Connects newsletter and visit our website for event updates.*



## Make a Difference on Capitol Hill

Actions speak louder than words. Join your colleagues in the nation's capital **February 26-28, 2018** to stand up for citizen suit reform, recycled water funding, and regulatory streamlining. Hear first-hand from members of the California congressional delegation, USEPA and members of the Washington press corps, and have your voice heard.

Save the dates and keep an eye out for more information



## 2017 CASA BOARD OF DIRECTORS

**Jeff M. Moorhouse** – PRESIDENT

*Carpinteria Sanitary District*

**Paul Bushee** – VICE PRESIDENT

*Leucadia Wastewater District*

**Traci Minamide** – SECRETARY/TREASURER

*City of Los Angeles, LA Sanitation*

**Timothy P. Becker** – DIRECTOR

*Oro Loma Sanitary District*

**Jason Dow** – DIRECTOR

*Central Marin Sanitation Agency*

**Scott M. Goldman** – DIRECTOR

*South Orange County Wastewater Authority*

**Jasmin Hall** – DIRECTOR

*Inland Empire Utilities Agency*

**John E. (Jack) Hoagland** – DIRECTOR

*Rancho California Water District*

**Grace Hyde** – DIRECTOR

*Los Angeles County Sanitation Districts*

**William C. Long** – DIRECTOR

*Novato Sanitary District*

**Georgan Vonheeder-Leopold** – DIRECTOR

*Dublin San Ramon Services District*

**Roland Williams** – DIRECTOR

*Casto Valley Sanitary District*

**Marco Palilla** – ASSOCIATES DIRECTOR

*HDR Engineering*

## 2017 COMMITTEE CHAIRPERSONS

### ASSOCIATES

Chair – **Layne Baroldi**

Vice Chair – **Brian Danley**

Secretary – **Omar Moghaddam**

### ATTORNEYS

Chair – **Claire Collins**

Vice Chair – **John Bakker**

### AWARDS

Chair – **Jack Hoagland**

### FEDERAL LEGISLATIVE

Chair – **Jim Colston**

Vice Chair – **Talyon Sortor**

### PROGRAM PLANNING

Chair – **Jason Warner**

Vice Chair – vacant

### STATE LEGISLATIVE

Chair – **Traci Minamide**

Vice Chair – **Greg Baatrup**

### UTILITY LEADERSHIP

Chair – **Ben Horenstein**

Vice Chair – **Jasmin Hall**

## WORKGROUPS

### COLLECTION SYSTEMS

Chair – **Paul Causey**

### COMMUNICATIONS

Chair – **Sue Stephenson**

Vice Chair – **Emily Barnett**

### ENERGY

Chair – **Martha Davis**

### REGULATORY

Co-Chair – **Lisa Haney**

Co-Chair – **Jackie Zipkin**

### SCIENCE & RESEARCH

Chair – **Karri Ving**

### SWRCB OPERATOR CERTIFICATION PROGRAM

#### ADVISORY COMMITTEE APPOINTEES

**Rick Staggs**, Fresno-Clovis Regional  
Wastewater Plant

**Levi Fuller**, Dublin San Ramon Services District

## STAFF MEMBERS

**Roberta L. Larson**

Executive Director

**Greg Kester**

Director of Renewable Resource Programs

**Adam D. Link**

Director of Government Affairs

**Jessica Gauger**

Manager of Legislative Affairs

**Debbie Welch**

Association Services Manager

**Cheryl MacKelvie**

Executive Assistant, Meetings and  
Membership

## CONSULTANTS

**Eric Sapirstein**

Federal Legislative Advocate

**Joyce Gwidt**

Conference Arrangements Chair

**Michael F. Dillon**

State Lobbyist

**Sarah Deslauriers**

Climate Change Program Manager



# California Association of Sanitation Agencies

## Federal Legislative Committee Agenda

Tuesday, August 22, 2017

4:15 p.m. - 5:30 p.m.

Room: San Diego C

### DETAILS

Committee/Workgroup Name	Federal Legislative Committee	
Meeting Date	August 22, 2017	
Meeting Time	Start: 4:15 p.m.	End: 5:30 p.m.
Meeting Location/ Conference Call Info	IN PERSON MEETING 333 W. Harbor Drive, San Diego, CA ROOM SAN DIEGO-C	

### COMMENCEMENT

	<b>Presenter</b>
Call to order	Jim Colston
Welcome, introductions, roll call	Jim Colston
Review/approval of agenda	Jim Colston

### A. PRIORITY ISSUES/ACTION ITEMS

	TIME	ITEM	PRESENTER	PROPOSED NEXT STEPS
1.	10	Congressional and Administration Update	Sapirstein	
2.	10	Permit Term Extension	Colston/Sapirstein / Link	- Legislative vehicle identified - Agency support letters <b>[attached]</b> - Next steps
3.	10	Citizen Suits (H.R. 2693 – Hunter)	Sapirstein / Link	- Legislation reintroduced - Next steps
4.	10	<b>Financing:</b> WIFIA Selection Process	Colston	- USEPA Approvals and California Project list available <b>[attached]</b>
5.	5	<b>Financing:</b> Tax Reform - Tax Exempt Bonds	Sapirstein/Link	- Letters of support submitted - Coalition letter to Treasury on political subdivisions <b>[attached]</b>

### B. DISCUSSION and INFORMATIONAL ITEMS

	TIME	ITEM	PRESENTER	NOTES
6.	10	Regulatory Reform	Link / Sapirstein	- Response from USEPA to CASA regulatory reform letters <b>[attached]</b>
7.	10	Infrastructure Policy	Sapirstein	- Action on proposals pending at the Administration, privatization issues
8.	5	FFY 2018 Budget—SRF/WIFIA/Water Recycling	Sapirstein	- House and Senate action in support
9.	5	WaterSense – Certification of Technologies	Green/Walsh	- Language to preserve treatment standards and compliance <b>[attached]</b> - Response letter from Admin. Pruitt <b>[attached]</b>

**C. CLOSING**

New Business	
Next Meeting	Fall Meeting Date and Time TBD

July 27, 2017

Claudia Bill-de la Peña  
Mayor

The Honorable Julia Brownley  
United States House of Representatives  
1019 Longworth House Office Building  
Washington, D.C. 20515

Via Fax: 202-225-1100

**RE: Support for Amendment to the Water Quality Improvement Act of 2017 (H.R. 465) Extending NPDES Permit Terms to Ten Years**

Dear Congresswoman Brownley:

On behalf of the City of Thousand Oaks, we request your sponsorship to amend the Water Quality Improvement Act of 2017 (H.R. 465) to require the US Environmental Protection Agency (USEPA) to authorize ten-year terms for National Pollutant Discharge Elimination System (NPDES) permits. This change would support enhanced planning and efficient permitting of local water quality programs, and give us the time needed to comply with existing regulatory requirements before imposition of new mandates.

Thousand Oaks has two NPDES permits: Hill Canyon Treatment Plant wastewater discharge and the City's stormwater program. Extending these permit terms to 10 years would be beneficial, as both programs are within watersheds that have Total Maximum Daily Loads (TMDLs) for salts, nutrients, metals, toxicity, pesticides, trash, sediment and others. These TMDLs have been incorporated into our NPDES permits as water quality limits that need to be achieved by a certain time. Meeting the water quality and time limits, as part of compliance with the TMDLs requires extensive water quality monitoring and infrastructure improvements that take time to complete, and usually more than five years to implement.

When the Clean Water Act was adopted in 1972, Congress authorized USEPA, or a delegated state, to grant waste discharge permits for a period of no more than five years. At the time, this was an appropriate timeframe for renewal to ensure significant progress toward basic water quality improvements. However, much has changed over the last 45 years.

The environmental needs of today require new ways of doing business and new technologies to improve water quality. Requirements in NPDES permits are becoming more restrictive, and the treatment technologies necessary to meet those limits are becoming more expensive and time intensive to implement. At the same time, it is widely understood that the nation's most challenging water quality problems do not derive from traditional point source dischargers. Longer permit terms would allow states to direct more

**Amendment to Water Quality Improvement Act - Support**

**July 27, 2017**

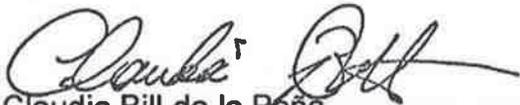
**Page 2**

resources to nonpoint and watershed-based solutions instead of a perpetual cycle of five-year NPDES permit renewals. Standard permit reopener provisions already provided by statute allow permits to address new conditions if necessary prior to permit expiration.

The California Association of Sanitation Agencies, National Association of Clean Water Agencies, American Public Works Association and many others in the watershed community support this amendment, and we hope you consider it during the mark-up phase.

If you have any questions, please feel free to contact me at (805) 449-2121. Thank you for your continued support of the City of Thousand Oaks.

Sincerely,



Claudia Bill-de la Reña

Mayor

c: City of Camarillo  
Adam Fink, CASA Director of Government Affairs  
Eric Sapirstein, ENS Resources  
Assemblymember Jacqui Irwin  
Senator Henry Stern  
Van Scoyoc and Associates

CMO: 660-40\H:\COMMON\Legislation 2017\07 27 17 Support NPDES 10 year amendment Julia Brownley.docx



# City of Camarillo

601 Carmen Drive • P.O. Box 248 • Camarillo, CA 93011-0248

Office of the Mayor  
(805) 388-5307  
FAX (805) 388-5318

July 19, 2017

The Honorable Julia Brownley  
United States House of Representatives  
1019 Longworth House Office Building  
Washington, DC 20515

**RE: Support for Amendment to the Water Quality Improvement Act of 2017 (H.R. 465)  
Extending NPDES Permit Terms to Ten Years**

Dear Congresswoman Brownley:

On behalf of the City of Camarillo, I write to request your sponsorship of an amendment to the Water Quality Improvement Act of 2017 (H.R. 465) when the Committee on Transportation and Infrastructure marks up the bill. Specifically, we request that as part of this bill, USEPA be authorized to allow ten year terms for National Pollutant Discharge Elimination System (NPDES) permits. This change would allow for enhanced planning and efficient permitting of local wastewater facilities such as ours, and give us the time needed to comply with existing regulatory requirements before imposition of new mandates.

Camarillo has two sets of NPDES permits: Camarillo Sanitation District sewer discharge and City stormwater program. Extending the permit term to 10 years would be beneficial, as both programs are within a watershed that has Total Maximum Daily Loads (TMDLs) for salts, nutrients, metals, toxicity, legacy pesticides, trash and sediment. All these TMDLs have been incorporated into our NPDES permits as water quality limits that need to be achieved by a certain time. Meeting the aforesaid quality limits and implementation actions as part of compliance with TMDLs requires extensive water quality monitoring and infrastructure improvements that take time to complete, and usually take more than five years to implement.

When the Clean Water Act was adopted in 1972, Congress authorized USEPA or a delegated state to grant waste discharge permits for a period of no more than five years. At the time, this was an appropriate timeframe for renewal to ensure significant progress toward basic water quality improvements. However, much has changed over the last 45 years.

The water quality needs of today require new ways of doing business to bring innovation to the way we make water quality improvements. Requirements in NPDES permits are becoming more restrictive, and the treatment technologies necessary to meet those limits

become more expensive and time intensive to implement. Local public agencies have often not yet completed the upgrades necessary to comply with their prior permit when they are hit with new terms and requirements. At the same time, it is widely understood that the nation's most challenging water quality problems do not derive from traditional point source dischargers. In order to ensure that our federal, state and local resources are efficiently allocated to address the most pressing water quality issues, we urge you to support the amendment of H.R. 465 as follows:

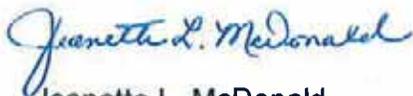
Section 402(b)(1)(B) of the Federal Water Pollution Control Act (as amended) is amended by striking the word "five" and inserting in lieu thereof "ten."

This change would allow states to direct more resources to nonpoint and watershed-based solutions instead of a perpetual cycle of five year NPDES permit renewals. At the same time, standard permit reopener provisions already provided by statute and regulation would allow permits to be reopened and new conditions inserted if necessary prior to permit expiration.

The California Association of Sanitation Agencies (CASA), and many others in the wastewater community support this amendment. The National Association of Clean Water Agencies, representing clean water utilities nationwide, is also supportive of the concept of extended NPDES permit terms to provide additional flexibility in achieving maximum environmental and public health protections in the most fiscally responsible manner for local ratepayers.

Again, we request that you support this commonsense approach to protecting our lakes, streams, rivers, coastal and near coastal waters. If you have any questions, please feel free to contact me at (805) 388-5307.

Sincerely,



Jeanette L. McDonald  
Mayor

c: Camarillo City Council  
Adam Link, CASA Director of Government Affairs  
Bryan Funk, The Furman Group  
Eric Sapirstein, ENS Resources  
Assemblymember Jacqui Irwin  
Senator Hannah-Beth Jackson  
Congressman Bob Gibbs

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- Orange
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- Seal Beach
- Stanton
- Tustin
- Villa Park
- County of Orange
- Costa Mesa Sanitary District
- Midway City Sanitary District
- Irvine Ranch Water District
- Yorba Linda Water District

*Orange County Sanitation District*

10844 Ellis Avenue, Fountain Valley, CA 92708  
714.962.2411 • www.ocsd.com

July 26, 2017

The Honorable Grace Napolitano  
1610 Longworth  
Washington, D.C. 20515

**Subject: Support the Amendment to the Water Quality Improvement Act of 2017 (H.R. 465) Extending NPDES Permit Terms to Ten Years – Congressman Bob Gibbs**

Dear Congresswoman Napolitano:

On behalf of the Orange County Sanitation District, I write to request your sponsorship of an amendment to the Water Quality Improvement Act of 2017 (H.R. 465). Specifically, we request that as part of this bill, the United States Environmental Protection Agency (USEPA) be authorized to allow ten year terms for National Pollutant Discharge Elimination System (NPDES) permits. This change would allow for enhanced planning and efficient permitting of local wastewater facilities such as ours and give us the time needed to comply with existing regulatory requirements before imposition of new mandates.

The needs of today require a new way of doing business. Requirements in NPDES permits are becoming more restrictive and the treatment technologies necessary to meet those limits have become more expensive and time intensive to implement. Local public agencies have often not yet completed the upgrades necessary to comply with their prior permit when they are subject to new terms and requirements. In order to ensure that our federal, state and local resources are efficiently allocated, we urge you to support the amendment of H.R. 465 as follows:

Section 402(b)(1)(B) of the Federal Water Pollution Control Act (as amended) is amended by striking the word "five" and inserting in lieu thereof "ten."

Again, we strongly request that you support the amendment of H.R. 465. If you have any questions, please feel free to contact our office at (714) 593-7444.

Sincerely,

Gregory C. Sebourn, PLS  
Board Chairman

cc: Adam Link, CASA Director of Government Affairs



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- Midway City Sanitary District
- Irvine Ranch Water District
- Yorba Linda Water District

*Orange County Sanitation District*

10844 Ellis Avenue, Fountain Valley, CA 92708  
714.962.2411 • www.ocsd.com

July 26, 2017

The Honorable Alan J. Lowenthal  
125 Cannon House Office Building  
Washington, D.C. 20515

**Subject: Support the Amendment to the Water Quality Improvement Act of 2017 (H.R. 465) Extending NPDES Permit Terms to Ten Years – Congressman Bob Gibbs**

Dear Representative Lowenthal:

On behalf of the Orange County Sanitation District, I write to request your sponsorship of an amendment to the Water Quality Improvement Act of 2017 (H.R. 465). Specifically, we request that as part of this bill, the United States Environmental Protection Agency (USEPA) be authorized to allow ten year terms for National Pollutant Discharge Elimination System (NPDES) permits. This change would allow for enhanced planning and efficient permitting of local wastewater facilities such as ours and give us the time needed to comply with existing regulatory requirements before imposition of new mandates.

The needs of today require a new way of doing business. Requirements in NPDES permits are becoming more restrictive and the treatment technologies necessary to meet those limits have become more expensive and time intensive to implement. Local public agencies have often not yet completed the upgrades necessary to comply with their prior permit when they are subject to new terms and requirements. In order to ensure that our federal, state and local resources are efficiently allocated, we urge you to support the amendment of H.R. 465 as follows:

Section 402(b)(1)(B) of the Federal Water Pollution Control Act (as amended) is amended by striking the word "five" and inserting in lieu thereof "ten."

Again, we strongly request that you support the amendment of H.R. 465. If you have any questions, please feel free to contact our office at (714) 593-7444.

Sincerely,



Gregory C. Sebourn, PLS  
Board Chairman

cc: Adam Link, CASA Director of Government Affairs





July 20, 2017

**Main Office**

10060 Goethe Road  
Sacramento, CA 95827-3553  
Tel: 916.876.6000  
Fax: 916.876.6160

**Treatment Plant**

8521 Laguna Station Road  
Elk Grove, CA 95758-9550  
Tel: 916.875.9000  
Fax: 916.875.9068

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**Claudia Goss**

*Public Affairs Manager*

The Honorable John Garamendi  
U.S. House of Representatives  
Washington, D.C. 20515

**Subject: Support for Amendment to the Water Quality Improvement Act of 2017 (H.R. 465) Extending NPDES Permit Terms to Ten Years**

Dear Congressman Garamendi:

I am writing, on behalf of the Sacramento Regional County Sanitations District (Regional San), to request your sponsorship of an amendment to the Water Quality Improvement Act of 2017 (H.R. 465) when the Committee on Transportation and Infrastructure marks up the bill. Specifically, we request that as part of this bill, USEPA be authorized to allow ten-year terms for National Pollutant Discharge Elimination System (NPDES) permits. This change would allow for enhanced planning and efficient permitting of local wastewater facilities such as ours, and give us the time needed to comply with existing regulatory requirements before imposition of new mandates.

As you are aware, Regional San provides wastewater conveyance and treatment to over 1.4 million residents in the Sacramento region. We were issued a revised NPDES permit in 2010 which required us to implement an approximately \$1.7 billion upgrade to our treatment facility by 2023. In 2016, the State and Regional San had to expend additional resources to renew our NPDES permit, even though Regional San was moving forward to complete the treatment plant upgrades mandated in the 2010 permit. This is an example of wasted resources to satisfy an administrative requirement that was unnecessary. When the Clean Water Act was adopted in 1972, Congress authorized USEPA or a delegated state to grant waste discharge permits for a period of no more than five years. At the time, this was an appropriate timeframe for renewal to ensure significant progress toward basic water quality improvements. However, much has improved over the last 45 years.

The water quality needs of today require new ways of doing business to bring innovation to the way we make water quality improvements. In order to ensure that our federal, state and local resources are efficiently allocated to address the most pressing water quality issues, we urge you to support the amendment of H.R. 465 as follows:

Section 402(b)(1)(B) of the Federal Water Pollution Control Act (as amended) is amended by striking the word "five" and inserting in lieu thereof "ten".

The Honorable John Garamendi

July 20, 2017

Page 2

This change would give states more flexibility to direct resources where they are needed, instead of allocating them to the perpetual cycle of five year NPDES permit renewals. At the same time, standard permit reopener provisions already provided by statute and regulation would allow permits to be reopened and new conditions inserted if necessary prior to permit expiration.

The California Association of Sanitation Agencies (CASA), and many others in the wastewater community support this amendment. The National Association of Clean Water Agencies, representing clean water utilities nationwide, is also supportive of the concept of extended NPDES permit terms to provide additional flexibility in achieving maximum environmental and public health protections in the most fiscally responsible manner for local ratepayers.

Again, we strongly request that you support this commonsense approach to protecting our lakes, streams, rivers, coastal and near coastal waters. If you have any questions, please feel free to contact Terrie Mitchell, Legislative & Regulatory Affairs Manager at 916-876-6092 ([mitchellt@sacsewer.com](mailto:mitchellt@sacsewer.com)).

Sincerely,



Prabhakar Somavarapu

District Engineer

cc: Christoph Dobson, Regional San Director of Policy & Planning  
Terrie Mitchell, Regional San Manager of Legislative & Regulatory Affairs  
Eric Sapirstein, ENS Resources  
Adam Link, CASA Director of Government Affairs



The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

## FY 2017 SELECTION ROUND

---

**NUMBER OF PROJECTS SELECTED:** 12

**TOTAL LOAN AMOUNT REQUESTED:** \$2.3 billion for loans ranging from \$22 to \$625 million

**TOTAL WATER INFRASTRUCTURE INVESTMENT SUPPORTED:** \$5.1 billion for projects costing from \$45 million to \$1.3 billion

**ESTIMATED PRIVATE INVESTMENT IN PROJECTS:** \$1 billion

**ESTIMATED STATE REVOLVING FUND INVESTMENT IN PROJECTS:** \$700 million

**NUMBER OF PEOPLE IMPACTED:** 20 million in 9 states, including small, medium and large communities

**TYPES OF BORROWERS:** Private and public entities, including a State Revolving Fund (SRF) program

**TYPES OF PROJECTS:** Wastewater collection and treatment, drinking water distribution and treatment, stormwater management, and water recycling projects.

## WIFIA APPLICATION PROCESS

---

### PHASE 1: PROJECT SELECTION

- On January 10, 2017, EPA announced the amount of funding available and solicited letters of interest from prospective borrowers.
- In April 2017, EPA received 43 letters of interest in response to this request.
- EPA reviewed these letters of interest following the framework established in the Water Infrastructure Finance and Innovation Act of 2014. The assessment includes an eligibility screening, a preliminary creditworthiness assessment, a preliminary engineering feasibility analysis, and a selection criteria scoring.
- **On July 19, 2017, EPA announced the 12 projects selected to continue with the application process.**

### PHASE 2: PROJECT APPROVAL

- After an invitee applies for WIFIA credit assistance, the WIFIA program conducts a detailed financial and engineering review in order to develop the terms and conditions for the project.
- Once a mutually agreeable term sheet is developed, the Administrator approves the loan and executes the term sheet.

### PHASE 3: NEGOTIATION AND CLOSING

- Based on the term sheet, the WIFIA program finalizes the terms of credit assistance.
- At closing, the Administrator and the borrower execute the credit agreement, which is the binding legal document that allows the borrower to receive WIFIA funds.

## SOUTHEAST WATER POLLUTION CONTROL PLANT BIOSOLIDS DIGESTER FACILITIES PROJECT

**PROSPECTIVE BORROWER:** San Francisco Public Utility Commission

**LOCATION:** San Francisco, California

**TOTAL PROJECT COSTS:** \$1.3 billion

**REQUESTED WIFIA LOAN AMOUNT:** \$625 million

**POPULATION SERVED BY SYSTEM:** 1.4 million people

**PROJECT TYPE:** Wastewater treatment plant

### PROJECT DESCRIPTION:

San Francisco Public Utility Commission will replace its existing, outdated 60-year old solids treatment facilities with infrastructure that produces higher-quality Class A biosolids; captures and treat odors more effectively; and maximizes biogas utilization and energy recovery. This project will provide a new efficient solids treatment system to maintain regulatory compliance; ensure treatment reliability by meeting current seismic standards and improving standard operations; and provide advanced odor control and reduce impact on the adjacent community.

## FY 2017 SELECTION ROUND

**NUMBER OF PROJECTS SELECTED:** 12

**TOTAL LOAN AMOUNT:** \$2.3 billion to public and private entities

**TOTAL WATER INFRASTRUCTURE INVESTMENT SUPPORTED:** \$5.1 billion

**NUMBER OF PEOPLE IMPACTED:**

20 million in 9 states



Selected projects must submit an application for a WIFIA loan, pass a creditworthiness assessment, negotiate a mutually agreeable term sheet, and execute a credit agreement to receive WIFIA funding. An invitation to apply indicates that EPA believes the selected projects will be able to attain WIFIA loans.

## GROUNDWATER REPLENISHMENT SYSTEM FINAL EXPANSION

**PROSPECTIVE BORROWER:** Orange County Water District

**LOCATION:** Orange County, California

**TOTAL PROJECT COSTS:** \$253 million

**REQUESTED WIFIA LOAN AMOUNT:** \$124 million

**POPULATION SERVED BY SYSTEM:** 2.4 million people

**PROJECT TYPE:** Water Recycling

### PROJECT DESCRIPTION:

Orange County Water District will expand its existing water recycling plant from 100 millions of gallons per day (mgd) to 130 mgd by using treated wastewater from the Orange County Sanitation District Plant #2. The project will create another 31,000 acre-feet per year of water supply for the service area; recharge the local groundwater; and reduce the need for imported water.

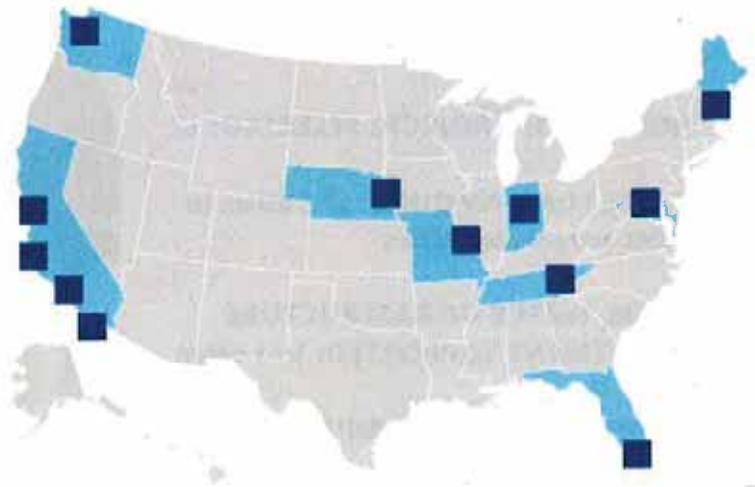
## FY 2017 SELECTION ROUND

**NUMBER OF PROJECTS SELECTED:** 12

**TOTAL LOAN AMOUNT:** \$2.3 billion to public and private entities

**TOTAL WATER INFRASTRUCTURE INVESTMENT SUPPORTED:** \$5.1 billion

**NUMBER OF PEOPLE IMPACTED:**  
20 million in 9 states



Selected projects must submit an application for a WIFIA loan, pass a creditworthiness assessment, negotiate a mutually agreeable term sheet, and execute a credit agreement to receive WIFIA funding. An invitation to apply indicates that EPA believes the selected projects will be able to attain WIFIA loans.

## PURE WATER SAN DIEGO

---

**PROSPECTIVE BORROWER:** City of San Diego

**LOCATION:** San Diego, California

**TOTAL PROJECT COSTS:** \$1.2 billion

**REQUESTED WIFIA LOAN AMOUNT:** \$492 million

**POPULATION SERVED BY SYSTEM:** 500,000 people

**PROJECT TYPE:** Water Recycling

### PROJECT DESCRIPTION:

The City of San Diego will construct the North City pure water facility to produce 30 millions of gallons per day of purified water production by 2021. This is the first phase in its multi-year Pure Water program. The project will use proven technology to clean non-potable recycled water into safe, high-quality, drinking water; provide a reliable, sustainable, water supply; reduces the need for imported water; and divert wastewater flows away from Point Loma, an ocean discharge.

## FY 2017 SELECTION ROUND

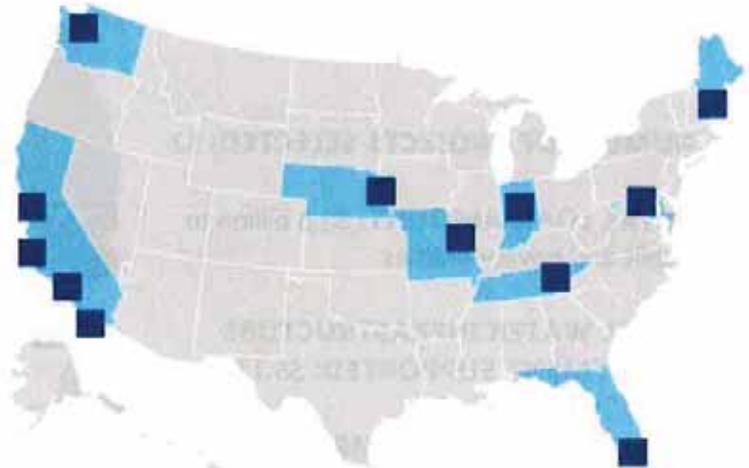
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**NUMBER OF PROJECTS SELECTED:** 12

**TOTAL LOAN AMOUNT:** \$2.3 billion to public and private entities

**TOTAL WATER INFRASTRUCTURE INVESTMENT SUPPORTED:** \$5.1 billion

**NUMBER OF PEOPLE IMPACTED:**  
20 million in 9 states



Selected projects must submit an application for a WIFIA loan, pass a creditworthiness assessment, negotiate a mutually agreeable term sheet, and execute a credit agreement to receive WIFIA funding. An invitation to apply indicates that EPA believes the selected projects will be able to attain WIFIA loans.

## WATER RECLAMATION PROJECT

---

**PROSPECTIVE BORROWER:** City of Morro Bay

**LOCATION:** Morro Bay, California

**TOTAL PROJECT COSTS:** \$167 million

**REQUESTED WIFIA LOAN AMOUNT:** \$82 million

**POPULATION SERVED BY SYSTEM:** 10,224 people

**PROJECT TYPE:** Water recycling

### PROJECT DESCRIPTION:

The City of Morro Bay, a small community, will replace its 63-year-old Morro Bay-Cayucos Wastewater Treatment Plant with a new water recycling facility. This project will remove from operation the existing, outdated wastewater treatment plant, which discharges into the estuary. The replacement facility will recycle wastewater to help supplement the City water supply; reduce reliance on imported water; improve groundwater quality with the addition of highly treated water; and move a critical piece of infrastructure to reduce flood risk.

## FY 2017 SELECTION ROUND

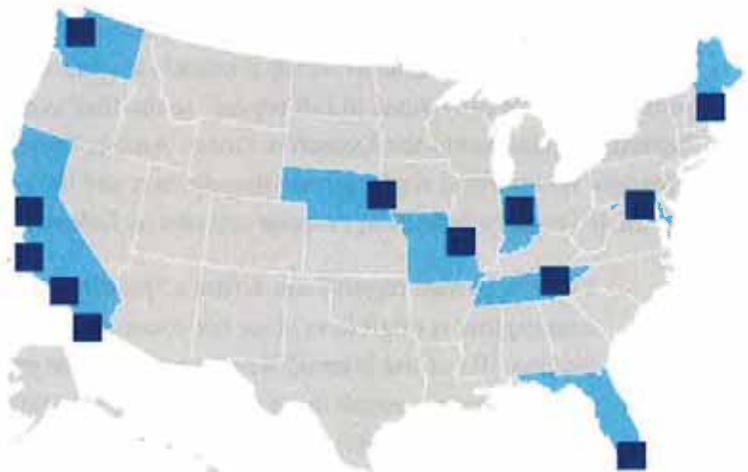
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**NUMBER OF PROJECTS SELECTED:** 12

**TOTAL LOAN AMOUNT:** \$2.3 billion to public and private entities

**TOTAL WATER INFRASTRUCTURE INVESTMENT SUPPORTED:** \$5.1 billion

**NUMBER OF PEOPLE IMPACTED:**  
20 million in 9 states



Selected projects must submit an application for a WIFIA loan, pass a creditworthiness assessment, negotiate a mutually agreeable term sheet, and execute a credit agreement to receive WIFIA funding. An invitation to apply indicates that EPA believes the selected projects will be able to attain WIFIA loans.



Internal Revenue Service  
CC:PA:LPD:PR (Notice 2017-38)  
Room 5205  
P.O. Box 7604  
Ben Franklin Station  
Washington, DC 20224

On May 23, 2016, the National Association of Clean Water Agencies (“NACWA”), the Association of Metropolitan Water Agencies, the National Association of Flood and Stormwater Management Agencies, the California Association of Sanitation Agencies, Water Environment Federation, and American Waterworks Association jointly submitted to the Treasury Department (“Treasury”) and the Internal Revenue Service (“IRS”) their letter respectfully requesting that Treasury and the IRS rescind, or at least redraft, the proposed regulations (published in the Federal Register on February 23, 2016 as REG-129067-15 at 81 Fed. Reg. 8870, and referred to in this letter as the “Proposed Regulations”), related to the definition of a “political subdivision” for tax-exempt bond purposes. For convenient reference, a copy of that letter (referred to in this letter as the “2016 Comment Letter”) is attached to this letter as Exhibit A.

On July 10, 2017, Treasury published its Notice 2017-38 (the “Notice”), implementing Executive Order 13789 (the “Executive Order”), issued by President Trump on April 21, 2017. In the Notice, Treasury identified eight regulations to which it intends to propose reforms “potentially ranging from streamlining problematic rule provisions to full repeal” in the final report that it will submit to the President in September pursuant to the Executive Order. Among those eight regulations are the Proposed Regulations. Treasury summarized the Proposed Regulations and the reasons for including them among the regulations to which Treasury intends to propose reforms as follows:

These proposed regulations define a “political subdivision” of a State (e.g., a city or county) that is eligible to issue tax-exempt bonds for governmental purposes under Section 103 of the Internal Revenue Code. The proposed regulations require a political subdivision to possess three attributes: (i) sovereign powers; (ii) a governmental purpose; and (iii) governmental control. Commenters stated that the longstanding “sovereign powers” standard was settled law and had been endorsed by Congress, and additional limitations were unnecessary. Commenters also stated that the proposed regulations would disrupt the status of numerous existing entities and that it would be burdensome and costly for issuers to revise their organizational structures to meet the new requirements of the proposed regulations.

In the Notice, Treasury requested comments on whether the regulations described in the Notice should be rescinded or modified, and in the latter case, how the regulations should be modified in order to reduce burdens and complexity. This letter responds to that request for comments related to the Proposed Regulations.

For all the reasons described in the 2016 Comment Letter, we commend Treasury for its intention to propose the rescission or modification of the Proposed Regulations. As we stated in the 2016 comment letter, “The Proposed Regulations must not be finalized in their current form.” Accordingly, we urge Treasury to propose the rescission of the Proposed Regulations in its final report. Though we strongly recommend rescission rather than modification, we also reiterate the following view we expressed in the 2016 Comment Letter: “If Treasury must make new rules in this area, it should abandon the current approach to the public purpose and control requirements, and narrowly focus the rules on the real problem that it perceives.” Again, though we do not consider new rule-making necessary on the matters covered by the Proposed Regulations and though we strongly prefer their rescission to their modification, we refer you to the specific potential modifications we described in the 2016 Comment Letter.

We appreciate Treasury’s solicitation of these comments and your consideration of them. On behalf of the undersigned organizations, please do not hesitate to contact Erica Spitzig, NACWA’s Deputy General Counsel, at 202/533-1813 or [espitzig@nacwa.org](mailto:espitzig@nacwa.org) if you have any questions about these comments or would like to discuss further.

Respectfully submitted,



Adam Krantz  
NACWA CEO



Susan Gilson  
NAFSMA Executive Director



Adam Link  
CASA Director of Government Affairs



Eileen O’Neill  
WEF Executive Director



Tracy Mehan  
AWWA Executive Director, Government Affairs



Diane Van De Hei  
AMWA Chief Executive Officer



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JUL 10 2017

RECEIVED  
7/13/17

OFFICE OF  
POLICY

Mr. Adam D. Link  
Director of Government Affairs  
California Association of Sanitation Agencies  
1225 8<sup>th</sup> Street, Suite 595  
Sacramento, CA 95814

Dear Mr. Link:

On behalf of Administrator Pruitt, thank you for contacting us regarding the U.S. Environmental Protection Agency's efforts in response to Executive Order 13781: Comprehensive Plan for Reorganizing the Executive Branch. I have forwarded a copy of your communication to our team working on the plan to reorganize the EPA. I hope you will follow the progress of our efforts at <https://www.epa.gov/>.

As part of President Trump's agenda to make the federal government work better for the American people, we are evaluating a variety of ways to bring more balance to the work of the agency. In particular, we are refocusing the EPA on its intended mission, restoring cooperative federalism, and redesigning sensible regulations for economic growth while protecting the environment for future generations. Thank you again for your interest in the work of the EPA.

Sincerely,

*Samantha K. Dravis*

Samantha Dravis  
Senior Counsel and Associate Administrator

cc: Mick Mulvaney  
Eric Sapirstein

1           “(E) landscaping and gardening products,  
2           including moisture control or water enhancing  
3           technologies;

4           “(F) xeriscaping and other landscape con-  
5           versions that reduce water use;

6           “(G) whole house humidifiers; and

7           “(H) water-efficient buildings or facilities.

8           “(b) DUTIES.—The Administrator, coordinating as  
9           appropriate with the Secretary, shall—

10           “(1) establish—

11           “(A) a WaterSense label to be used for  
12           items meeting the certification criteria estab-  
13           lished in accordance with this section; and

14           “(B) the procedure, including the methods  
15           and means, and criteria by which an item may  
16           be certified to display the WaterSense label,  
17           minimizing unintended or negative impacts to  
18           wastewater treatment works, recycled water  
19           quality, or water quality in receiving water;

20           “(2) enhance public awareness regarding the  
21           WaterSense label through outreach, education, and  
22           other means;

23           “(3) preserve the integrity of the WaterSense  
24           label by—



**E. SCOTT PRUITT**  
**ADMINISTRATOR**

July 12, 2017

Mr. Howard Chan  
City Manager  
City of Sacramento  
915 I Street, Fifth Floor  
Sacramento, California 95814-2604

Dear Mr. Chan:

Thank you for writing to share the City of Sacramento's strong support for the U.S. Environmental Protection Agency's WaterSense program.

The EPA is responsible for protecting human health and the environment, and the President's budget for the EPA reflects the success of environmental protection efforts, a focus on core legal requirements and the important role of the states in implementing the nation's environmental laws, such as providing robust funding for critical drinking and wastewater infrastructure. These funding levels further the President's ongoing commitment to infrastructure repair and replacement and would allow states, municipalities and private entities to continue to finance high-priority infrastructure investments that protect human health.

The President's budget also reflects the EPA's priority to ease the burden of unnecessary federal regulations that impose significant costs for workers and consumers without justifiable environmental benefits. The budget process involves each federal agency, the Congress which approves funding levels and stakeholders from all across the country. As this long process continues, I will keep your views in mind.

Again, thank you for writing.

Respectfully yours,

A handwritten signature in black ink, appearing to read "Scott Pruitt", with a long horizontal flourish extending to the right.

E. Scott Pruitt



## State Legislative Committee Agenda

Thursday, August 24, 2017

8:00 a.m. – 9:00 a.m.

San Diego A, Marquis Marriott San Diego

### COMMENCEMENT

	Presenter
Call to order	T. Minamide, Chair
Welcome, introductions	T. Minamide, All
Review/approval of agenda	All

### A. PRIORITY LEGISLATION FOR REVIEW AND DISCUSSION

	ISSUE	DESCRIPTION	LEAD	POSITION/NOTES
1.	<a href="#">AB 574 (Quirk)</a>	WaterReuse sponsored legislation	J. Gauger B. Larson	Update
2.	<a href="#">AB 967 (Gloria)</a>	Biocremation licensure and regulation	J. Gauger A. Link	Update & review of proposed amendments
3.	Cap & Trade	Update on status of Cap & Trade funding and CASA efforts	J. Gauger	CASA & BAC letters attached

### B. LEGISLATION FOR REVIEW AND DISCUSSION

	ISSUE	DESCRIPTION	LEAD	POSITION/NOTES
1.	<a href="#">SB 5 (DeLeon)</a>	Parks Bond	J. Gauger	Waterreuse coalition letter attached
2.	<a href="#">SB 231 (Hertzberg)</a>	Prop 218 – Stormwater: Definition of “sewer”	J. Gauger A. Link	Coalition alert attached FYI
3.	Hertzberg/Skinner conservation bill	Hertzberg/Skinner water conservation proposal	B. Larson	
4.	<a href="#">SB 623 (Monning)</a>	Potential tax on water to fund safe drinking water	J. Gauger	Amendments and draft coalition letter attached

### C. OTHER ISSUES OF INTEREST

	ISSUE	DESCRIPTION	LEAD	POSITION/NOTES
1.	Little Hoover Commission	Roundtable meeting summary	J. Gauger	LHC summary attached
2.	Flushable wipes update	Update on status of NACWA project & CASA efforts	J. Gauger A. Link	
3.	Water Bond	Jerry Meral ballot measure effort <a href="http://bit.ly/2vMM2ae">http://bit.ly/2vMM2ae</a>	J. Gauger	

### CLOSING

Upcoming Events	Next SLC Meeting: TBD: December 2017
Adjourn	

**7639.10.**

(a) A licensed hydrolysis facility shall not conduct hydrolysis unless all of the following requirements are met:

- (1) The licensee has a written contract with the person or persons entitled to custody of the remains clearly stating the location, manner, and time of disposition of the remains, in which the person or persons entitled to custody of the remains agree to pay the licensee's regular fee for hydrolysis, disposition, and other services rendered, and any other contractual provisions required by the bureau.
- (2) Hydrolysis of remains occurs not more than 24 hours after delivery of the remains to the licensee unless the remains have been preserved in the interim by refrigeration or embalming.
- (3) The licensee has a contractual relationship with a licensed cemetery authority for final disposition of hydrolyzed human remains by burial, entombment, or inurnment of any and all remains that are not lawfully disposed of or that are not called for or accepted by the person or persons entitled to the custody and control of the disposition of those remains within 90 days of date of death.
- (4) The licensee contains and collects all hydrolysate. Hydrolysate shall not be disposed of using a sewer collection system, except as prescribed in paragraph (8).
- (5) The licensee ensures that any hydrolysate is transported by a state-licensed biomaterials handler to a publicly owned wastewater treatment plant or licensed industrial anaerobic digestion facility or waste-to-energy or biomass facility for the beneficial use or disposal of that hydrolysate, unless disposing of hydrolysate using a sewer collection system as prescribed in paragraph (8).
- (6) Acceptance of hydrolysate from a licensed hydrolysis facility and a state-licensed biomaterials handler shall be voluntary and at the discretion of each individual facility described in paragraph (5).
- (7) Acceptance of hydrolysate by a licensed industrial anaerobic digestion, waste-to-energy, or biomass facility, if the facility has an industrial process sewer connection to a sewer collection system, shall only be allowed with the consent of the publicly owned treatment works to which the sewer collection system is tributary.
- (8) A licensed hydrolysis facility may *only* dispose of hydrolysate using a sewer collection system ~~under if all of~~ the following conditions *are met*:
  - (A) The city, county, special district, joint powers authority, or other public agency that provides wastewater treatment services *where to* the licensed hydrolysis facility ~~is located specifically expressly~~ authorizes the disposal of hydrolysate into the sewer collection system.
  - (B) If the city, county, special district, joint powers authority, or other public agency that provides wastewater treatment services *where to* the licensed hydrolysis facility ~~is located~~ authorizes the disposal of hydrolysate through the sewer collection system, the licensee shall comply with all local ordinances, pretreatment requirements, permitting requirements, waste discharge requirements and all other applicable federal, state, and local laws, ordinances,

## CASA Proposed Compromise Amendments

and regulations governing *the protection of water quality and public health, promotion of water recycling*, and discharge into the sewer system.

(C) The licensee shall demonstrate compliance as deemed appropriate by the public agency providing wastewater treatment services. At a minimum this should include annual *water quality* testing *as prescribed* by the wastewater treatment agency.

(D) Authorization for disposal of hydrolysate using a sewer collection system shall be voluntary and at the discretion of each public agency described in subparagraph (A). *Each public agency described in subparagraph (A) has the discretionary authority to authorize or prohibit the discharge of hydrolysate into a sewer system for any reason, including for purposes of promoting advanced water recycling systems.*

(b) Existing alkaline hydrolysis facilities utilized by medical schools for the purpose of anatomical gifting shall not be subject to paragraphs (1) to (3), inclusive, of subdivision (a), and shall continue to be regulated under the guidelines of the state's anatomical gifting regulations.



August 16, 2017

The Honorable Kevin de Leon  
President pro Tempore  
State Capitol, Room 300  
Sacramento, CA 95821

The Honorable Anthony Rendon  
Assembly Speaker  
State Capitol, Room 219  
Sacramento, CA 95821

**RE: Support for Additional Cap & Trade Expenditures for Waste Diversion Projects**

Dear pro Tem De Leon and Speaker Rendon:

The California Association of Sanitation Agencies (CASA) respectfully requests the Legislature consider allocating additional Cap & Trade revenues for projects that maximize the wastewater sector's uniquely positioned ability to achieve tangible, cost-effective Greenhouse Gas (GHG) and Short-Lived Climate Pollutant (SLCP) emissions reductions. CASA is an association of California wastewater agencies engaged in advancing the recycling of wastewater into usable water, maximizing beneficial use of biosolids, generating renewable energy, and producing other valuable resources.

Wastewater agencies have the unique ability to provide tangible GHG reductions that will help the State meet GHG and SLCP reduction goals, largely by utilizing existing publicly owned wastewater infrastructure. CASA estimates that 75% of the food waste, as well as fats, oil and grease, currently landfilled in the State could be diverted for processing by wastewater agencies through anaerobic digestion (AD). Such diversion will help the state achieve the legislative mandate to divert 75% of organic waste from landfills by 2025 and the 40% reduction in methane emissions by 2030. The AD process results in the production and capture of digester gas, also known as biogas, which is generally about 60% methane and can be used to produce renewable power, biomethane (a renewable natural gas product that can replace fossil-based natural gas) and biofuel. The byproduct of the AD process, known as biosolids, can be directly land applied, used in reclamation projects, and/or turned into compost, all of which support California's healthy soils initiative. Innovative technology is also under development to use biosolids in the production of renewable energy products such as fuel.

In addition to the emissions reductions benefits of these types of wastewater projects, many projects also achieve other state priorities, such as addressing the water-energy nexus. The introduction of diverted organics to wastewater digesters results in additional generation of biogas. Biogas can be used in a variety of applications, including onsite generation, which offsets the large amount of energy that would otherwise be imported from the grid to treat wastewater and transport recycled water. Additionally, biosolids recycling through land application and composting can help the state achieve its water conservation and agricultural efficiency goals by improving soil health, increasing soil organic levels, increasing crop production and reducing the need to irrigate due to their high water holding capacity, thus allowing for more efficient irrigation practices.

The Legislative Analyst's Office indicates that Cap & Trade investments in waste diversion and other bioenergy categories is the single most cost-effective allocation of all Greenhouse Gas Reduction Funds. Given the significant GHG and SLCP emissions reductions that can be achieved by projects

within the wastewater sector, CASA respectfully offers the following suggestions for your consideration in FY 2017-18 Cap and Trade allocations.

- Allocate at least \$100 million to the CalRecycle Organics Grant Program for waste diversion projects. We strongly encourage the maximum investment possible in waste diversion projects if additional revenue becomes available this year or in future investment years;
- Express a preference for organics diversion projects that can demonstrate the most significant GHG and SLCP reductions, including those utilizing existing wastewater infrastructure;
- Consider including priority funding criteria for emissions reductions projects that address the water-energy nexus, improve soil health, and provide water efficiency benefits.

In addition to these funding suggestions, CASA has several key policy suggestions that, if implemented, would maximize the collaborative opportunities with the wastewater sector to assist the state in achieving its emissions goals. We would be happy to further discuss where policy support could help facilitate cost neutral alternatives, but also market certainty, for the products of co-digestion generated by these critical waste diversion projects.

CASA also supports the efforts of the Bioenergy Association of California in advocating for the allocation of revenues to support low carbon biofuels production. We look forward to working together as proactive partners on our multitude of shared objectives.

Sincerely,



Jessica Gauger  
Manager of Legislative Affairs



August 7, 2017

The Honorable Kevin de León  
President Pro Tem  
California State Senate  
Sacramento, CA 95814

The Honorable Anthony Rendon  
Speaker  
California State Assembly  
Sacramento, CA 95814

**Re: Allocation of Cap & Trade Revenues**

Dear Pro Tem de León and Speaker Rendon:

I am writing on behalf of the Bioenergy Association of California (BAC) to thank you for your continued leadership on climate change and to congratulate you on the passage of AB 398 to reauthorize the Cap & Trade Program. BAC and many of its members played a critical role in helping to secure passage of AB 398, as we did last year on SB 32, because of the bills' importance for bioenergy development in California. We now urge the Legislature to allocate significant funding to bioenergy production as the most cost-effective way to reduce Short-Lived Climate Pollutants and toxic air pollutants, restore carbon to the soil, and reduce catastrophic wildfires.

BAC represents more than 60 public agencies, private companies, local governments, environmental groups, utilities and others working to convert organic waste to low carbon fuels, renewable power, pipeline biogas, renewable hydrogen and more. BAC urges the State to allocate significant Cap & Trade revenues to bioenergy production and use for two paramount reasons:

1. **Bioenergy is the Single Most Cost-Effective Cap & Trade Investment.**

According to the Legislative Analyst's Office, Cap & Trade investments in waste diversion, dairy digesters and forest fuel removal were the most cost-effective of all Cap & Trade investments – about one-tenth the average cost of the state's Cap & Trade investments overall. Bioenergy related investments range from \$4 to \$10 per ton of CO2 reduction while the program average is \$57 per ton of CO2 reduction. See the attached chart from the LAO's 2016 report to the Legislature.

2. **Bioenergy Meets All Priorities for Cap & Trade Allocation.**

Bioenergy is the only investment that addresses all of the priorities set forth in AB 398 for allocating Cap & Trade revenues:

- a. Air toxic and criteria air pollutants - Biogas used in ultra-low emission trucks can reduce the largest sources of air toxic and criteria air pollutants in the most polluted air districts and communities.
- b. Low- and zero-carbon transportation - Biogas provides the lowest carbon transportation fuel of any kind, 2 to 6 times lower than electric vehicles.
- c. Sustainable agricultural practices, water efficiency, air quality – Bioenergy reduces methane and other air pollutants from dairies and agricultural waste; the byproducts of bioenergy generation – biochar and digestate - restore carbon to agricultural soils and improve water efficiency.
- d. Healthy forests – Bioenergy from forest waste helps to restore healthy forests and maintain forest carbon sequestration.
- e. Short-lived climate pollutants – Increasing bioenergy production is a critical strategy to reduce methane from organic waste and black carbon from wildfire and diesel vehicle emissions.
- f. Climate adaptation and resiliency – Bioenergy increases resilience by providing local energy supplies, particularly flexible generation renewable power needed to complement solar and wind power.

For all these reasons, BAC urges the State to allocate Cap & Trade revenues to bioenergy in the following areas:

- 20 percent of the Low Carbon Transportation Fund to low carbon biofuels production with priorities to biofuels that reduce SLCPs;
- 10 percent of the Low Carbon Transportation Fund to near-zero emission trucks that run on low carbon biofuels;
- \$100 million to CalRecycle for organic waste diversion programs;
- \$100 million to CalFire for bioenergy facilities and interconnection for projects that take High Hazard Zone fuel to meet the Governor's Emergency Order.
- \$75 million to CDFA for dairy methane reduction.

Sincerely,



Julia A. Levin  
Executive Director



## Estimated Average GHG Reduction Cost Is High With Wide Variation Across Programs

<b>Estimated Average Cost Per Ton of Reduction Varies Greatly</b>	
<b>Program</b>	<b>Cost Per Ton<sup>a</sup></b>
Organics and recycling loans	\$4
Forest health	4
Dairy digester research and development program	8
Organics composting/digestion grants	9
Forest legacy	10
Recycling manufacturing	15
Delta and coastal wetlands restoration	30
State water and efficiency and enhancement program	33
Clean vehicle rebates	46
Sustainable agricultural lands conservation	59
Mountain meadow ecosystems restoration	113
Urban and community forestry	116
Water-energy grant program	141
Affordable housing and sustainable communities	191
Single-family solar photovoltaics <sup>b</sup>	209
Transit and intercity rail capital	259
Single-family energy efficiency and solar water heating <sup>b</sup>	282
Large multifamily energy efficiency and renewables <sup>b</sup>	343
Enhanced fleet modernization program "plus-up"	414
Truck and bus voucher incentives	452
Incentives for public fleets pilot project for DACs	725
<b>Overall Average</b>	<b>\$57</b>

<sup>a</sup> Calculated as the amount of cap-and-trade funds awarded to a program divided by the total estimated greenhouse gas (GHG) emission reductions from the projects that receive cap-and-trade funds.  
<sup>b</sup> Assumes GHG reductions at the midpoint of the administration's estimated range.  
 DACs = disadvantaged communities.

- Administration's data suggests average cost of \$57 per ton reduced.
- At the most recent auction in February 2016, cap-and-trade allowances sold for substantially less—about \$13 per ton.



August 1, 2017

The Honorable Kevin De Leon  
 California State Senate  
 State Capitol  
 Sacramento, CA 95814

RE: SB 5 (De Leon) – California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (as amended July 18, 2017)– **SUPPORT AND AMEND**

Dear Senator De Leon:

On behalf of the above listed organizations we are writing to urge that the funding for recycled water projects in SB 5 be increased from \$125 million to \$375 million -- what was originally in your measure for water recycling and potable reuse.

Unlike other bond funding categories from Proposition 1, the recycled water monies from that initiative (\$625 million) are all but exhausted, and the available recycled water loan monies from the Clean Water State Revolving Fund are also under severe stress. More than **\$3 billion** in completed recycled water applications are awaiting funding decisions at the State Water Resources Control Board. Clearly this speaks to the need for an additional funding infusion for this purpose. Additional monies for

August 1, 2017  
The Honorable Kevin De Leon  
Re: SB 5 (De Leon  
Page 2

the existing efficient and well-run recycled water funding program would undoubtedly be well spent to address the funding request backlog.

Recycled water and potable reuse projects provide a drought proof new source of water that is resilient in the face of climate change impacts. These projects can also reduce stress on imported water supplies and under certain circumstances reduce impacts to sensitive receiving water bodies, while preserving other sources of water for environmental enhancement.

Again, we strongly urge that SB 5 be amended to restore recycled water funding to at least the originally proposed amount of \$375 million.

Thank you for your consideration of this request.



**The California Association of Realtors has inappropriately created a fear-mongering campaign that SB 231 is a tax. It's not true.**

The information being circulated by CAR is made up from whole cloth.

Recent events – the historic drought, overdrawn ground water supplies, and state and federal clean water mandates – have led to changing circumstances in the water world. Senate Bill 231 begins to address these challenges by providing local governments with clarity on how to establish a constitutionally-permissible property-related fee for a property-related service: safely and effectively managing storm water.

The fact is all dirty water must be cleaned; cities and counties are obligated to treat water prior to discharge. If local governments can't use property-related fees for this purpose, they will have to cut other services, such as parks, police, fire, etc.

That's because the State Constitution, pursuant to Proposition 218, requires local fees to be approved by a vote of the people. The drafters of Prop 218 explicitly stated that fees for essential property-related services are *not* subject to the vote requirement; these essential services include “sewer, water, and refuse collection services” (Cal. Const. Art. XIII D). The proponents of Prop 218 further revealed that these exceptions apply to “water delivery, garbage service, sewer service, and storm water management” (Understanding Proposition 218, *Legislative Analyst's Office, 1996*).

In 2002, the ruling in a single court case (HJTA v. City of Salinas) regarding a specific fee established under the exemption created a chilling effect for all local governments. The Court of Appeals ruled that the terms of Proposition 218 were “ambiguous” and so couldn’t determine whether Salinas’ fee was properly within the exemption or not.

In the aftermath, the Legislature has weighed in on defining those terms. In 2014, Speaker Rendon defined “water” under the exemptions to mean “water from any source,” adding clarity to what things constitute water supply. This bill clarifies the word “sewer” includes all public property necessary for the “disposal of sewage, industrial waste, or surface or storm waters.”

It doesn’t tax anyone. It doesn’t raise any taxes. It is not about taxes. It’s about local control. Senate Bill 231 simply removes the ambiguity of one court case that made cities fearful and unable to exercise this option to address their water challenges.

To be sure, if a local government establishes a property-related fee that is unconstitutional, they will be sued by Howard Jarvis Taxpayers Association.

This is about fear mongering to scare people. To the extent that you are being lobbied by your local real estate interests, ask them specifically how this affects them. Beyond labeling and fear mongering, you will find that there is no substance to their advocacy.

The 15 cities that oppose the measure are almost entirely in the eastern San Gabriel Valley. That opposition is driven by a Glendora councilmember and the former mayor, Judy Nelson, as well as the Glendora’s current mayor, Gary Boyer (himself a Realtor).

The bill is supported by a large and diverse set of local governments, because it gives them the control. Cities, counties, business groups, and labor from around the state are in agreement.

Don’t believe the misrepresentations that are being told.

**Support SB 231!**



**Directors**  
 Manny Fernandez  
 Tom Handley  
 Pat Kite  
 Anjali Lathi  
 Jennifer Toy

**Officers**  
 Paul R. Eldredge  
*General Manager/  
 District Engineer*

Karen W. Murphy  
*Attorney*

**DATE:** December 11, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
 Sami E. Ghossain, Manager of Technical Services  
 Raymond Chau, CIP Coach  
 Derek Chiu, Assistant Engineer

**SUBJECT:** Agenda Item No. 13 - Meeting of December 18, 2017  
 Information Item: **Consultant Shortlists for Capital Improvements Projects**

**Recommendation**

Information only.

**Background**

The District utilizes consultant shortlists to assist with the selection of consultants for future Capital Improvements Program (CIP) projects. Consultants on the shortlists have been pre-qualified by the District based on their firm’s qualifications, experience, and project team personnel. The shortlists are reviewed and updated every three years. The last update of the shortlists was in December 2014.

The current shortlists included the following categories and consultant firms:

<b>2014-2017 Shortlists</b>		
<b>Pipeline Design</b>	<b>Plant and Pump Station Design</b>	<b>Construction Management</b>
Brown and Caldwell	Beecher Engineering *	Anchor Engineering *
Woodard & Curran	Brown and Caldwell *	Brown and Caldwell *

<b>2014-2017 Shortlists (continued)</b>		
<b>Pipeline Design</b>	<b>Plant and Pump Station Design</b>	<b>Construction Management</b>
West Yost and Associates *	Carollo Engineers *	Covello Construction Management Plus *
Water Works Engineers	CH2M Hill	Harris & Associates
	Water Works Engineers	Jacobs Project Management Co.
	West Yost and Associates *	
	Woodard & Curran *	

Staff evaluated the current firms on the shortlists. The consultants that have been selected for CIP projects and had performed well in the last three years were retained for the new 2018-2020 shortlists. These firms are marked with an asterisk in the table above. Some firms on the shortlists may not have been selected for a project in the past three years, so staff requested those firms to submit updated Statements of Qualifications (SOQs).

For 2018-2020, staff determined the need to expand the shortlists categories. Based on a frequent need to hire consultants to conduct studies and master plans and to hire programmers to provide Programmable Logic Controller (PLC) and Supervisory Control and Data Acquisition (SCADA) programming services during CIP projects, staff decided to add two shortlist categories: Studies and Masterplans, and Programming.

Consultants selected to the Studies and Masterplans shortlist will be tasked with performing master plans, corrosion assessments, cathodic protection system evaluations, plant process evaluations, odor control studies, local limits studies related to industrial users' discharge constituent limits, facilities condition assessments, hydraulic modeling and capacity assessments, and other engineering studies.

Consultants selected to the Programming shortlist will provide PLC and SCADA programming services such as implementing new equipment and process control schemes, modifying existing control systems to accommodate new control strategies, providing additional operator controls of the equipment and process, and other programming needs at the wastewater treatment plant and remote sites.

In September 2017, staff invited 30 consultant firms to submit their SOQs in any shortlist category for which they would like to be considered. Staff received a total of 55 SOQs. After evaluating each firm's SOQ based on their relevant qualifications, experience, and project team personnel, staff completed the evaluation process and finalized the 2018-2020 shortlists summarized in the table below. The new firms are shown in bold text.

<b>2018-2020 Shortlists</b>		
<b>Pipeline Design</b>	<b>Plant and Pump Station Design</b>	<b>Studies and Master Plans</b>
<b>AECOM</b>	<b>AECOM</b>	<b>AECOM</b>
Brown and Caldwell	<b>Arc Sine Engineering</b>	<b>Brown and Caldwell</b>
<b>Carollo Engineers</b>	Beecher Engineering	<b>Carollo Engineers</b>
West Yost and Associates	Brown and Caldwell	<b>CH2M Hill</b>
Woodard & Curran	Carollo Engineers	<b>Corrpro</b>
	<b>Hazen and Sawyer</b>	<b>JDH Corrosion</b>
	<b>TJC and Associates</b>	<b>V&amp;A Consulting Engineers</b>
	West Yost and Associates	<b>West Yost and Associates</b>
	Woodard & Curran	<b>Woodard &amp; Curran</b>

<b>Construction Management</b>	<b>Programming</b>
Anchor Engineering	<b>Arc Sine Engineering</b>
Brown and Caldwell	<b>Carollo Engineers</b>
<b>Carollo Engineers</b>	<b>Glenmount Global Solutions</b>
Covello Construction Management Plus	<b>JSP Automation</b>
Jacobs Project Management Co.	<b>Tesco Controls</b>
<b>Tanner Pacific</b>	<b>Work Smart Automation</b>

Staff will utilize the new shortlists through 2020 and re-evaluate the lists prior to their expiration at the end of 2020.

PRE/SEG/RC/DC: dl

**UNION SANITARY DISTRICT  
CHECK REGISTER  
11/26/2017-12/08/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
166238	12/7/2017	84676	ATLANTIC MACHINERY, INC	VACTOR JETTER TRUCK	\$277,501.62	\$277,501.62
166249	12/7/2017	2550408A	DELTA DENTAL SERVICE	NOVEMBER 2017 DENTAL	\$2,811.15	\$24,059.45
	12/7/2017	2550408C		NOVEMBER 2017 DENTAL	\$21,248.30	
166265	12/7/2017	22845	LANCE, SOLL & LUNGHARD LLP	2017 DISTRICT AUDIT - YEAR END FIELDWORK	\$17,000.00	\$17,000.00
166226	11/30/2017	761520171122	PACIFIC GAS AND ELECTRIC	SERV TO 11/21/17 NEWARK PS	\$16,871.06	\$16,897.54
	11/30/2017	224720171120		SERV TO 11/19/17 CS TRAINING TRAILER	\$26.48	
166281	12/7/2017	849608	UNIVAR USA INC	4598 GALS SODIUM HYPOCHLORITE	\$2,255.70	\$14,227.41
	12/7/2017	850500		5000 GALS SODIUM HYPOCHLORITE	\$2,452.92	
	12/7/2017	849975		5000 GALS SODIUM HYPOCHLORITE	\$2,452.92	
	12/7/2017	849518		5001 GALS SODIUM HYPOCHLORITE	\$2,453.41	
	12/7/2017	850472		4703 GALS SODIUM HYPOCHLORITE	\$2,307.21	
	12/7/2017	849969		4699 GALS SODIUM HYPOCHLORITE	\$2,305.25	
166234	12/7/2017	171101572	AIRTECH MECHANICAL INC	SERVICE CALL: BLDG 54 NEW SUPPLY FAN	\$13,765.00	\$13,765.00
166268	12/7/2017	245889	MACIAS GINI & O'CONNELL LLP	TEMP LABOR-ALGER, L. 9/25/2017-10/19/2017	\$12,432.00	\$12,432.00
166248	12/7/2017	4	CRATUS INC	FORCE MAIN CORROSION REPAIRS - WEST	\$10,710.69	\$10,710.69
166218	11/30/2017	4071036120171119	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 11/17/17-BENSON ROAD	\$8,929.83	\$10,467.45
	11/30/2017	4071037120171119		SERV TO: 11/17/17-BENSON ROAD	\$1,423.31	
	11/30/2017	4071038120171121		SERV TO: 11/17/17-BENSON ROAD	\$114.31	

**UNION SANITARY DISTRICT  
CHECK REGISTER  
11/26/2017-12/08/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
166255	12/7/2017	201681702	GATEWAY PRODUCTS GROUP INC	24 INDUSTRIAL SPARK PLUGS	\$8,142.00	\$8,142.00
166266	12/7/2017	37432220171201	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - DEC 2017	\$7,370.14	\$7,370.14
166247	12/7/2017	2899	CONTROLWORX LLC	1 WATERCHAMP REBUILD	\$7,116.37	\$7,116.37
166232	12/7/2017	67424	3T EQUIPMENT COMPANY INC	PIPE PATCH KITS, MANHOLE HOOKS, HOSES	\$6,262.16	\$6,262.16
166241	12/7/2017	11304689	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$2,003.87	\$5,859.39
	12/7/2017	17304551		PLANT GROUNDWATER WELLS MONITORING	\$3,855.52	
166257	12/7/2017	127807	GOVERNMENT STAFFING SVCS. INC.	TEMP LABOR-SADEGHIAN, B. WK END 11/3/2017 & 11/10/2017	\$5,520.00	\$5,520.00
166284	12/7/2017	20171121	W.L. HICKEY SONS, INC	PERMIT BOND/DEPOSIT REFUND	\$5,000.00	\$5,000.00
166283	12/7/2017	20171201	VISION SERVICE PLAN - CA	DECEMBER 2017 VISION STMT	\$3,271.68	\$3,271.68
166276	12/7/2017	25039	RMC WATER AND ENVIRONMENT	LOCAL LIMITS STUDY 2017	\$2,676.13	\$3,221.63
	12/7/2017	25032		PRETREATMENT CONSULTING SERVICES	\$545.50	
166244	12/7/2017	17987264	CANON SOLUTIONS AMERICA INC	MONTHLY LEASE 6 CANON COLOR COPIERS	\$3,154.15	\$3,154.15
166275	12/7/2017	916003273801	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - DEC 2017	\$2,527.29	\$2,527.29
166267	12/7/2017	15096	LOOKINGPOINT INC	ANNUAL SUPPORT FOR PHONE AND NETWORK	\$1,225.00	\$2,450.00
	12/7/2017	15250		ANNUAL SUPPORT FOR PHONE AND NETWORK	\$1,225.00	
166279	12/7/2017	20171207	JESAL SHAH	THIRD PARTY CLAIM	\$2,236.61	\$2,236.61
166245	12/7/2017	21508607	CARBOLINE COMPANY	PAINT & RELATED PAINT SUPPLIES	\$821.68	\$1,818.66
	12/7/2017	21508988		PAINT & RELATED PAINT SUPPLIES	\$996.98	

**UNION SANITARY DISTRICT  
CHECK REGISTER  
11/26/2017-12/08/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
166258	12/7/2017	9602053556	GRAINGER INC	2 SLOW CLOSING VALVES	\$1,259.93	\$1,589.43
	12/7/2017	9601686182		ASTD PARTS & MATERIALS	\$51.09	
	12/7/2017	9597661785		ASTD PARTS & MATERIALS	\$59.12	
	12/7/2017	9604508144		1 RED TAPE 100FT	\$219.29	
166242	12/7/2017	94621	BRUCE BARTON PUMP SERVICE INC	1 SUMP PUMP	\$1,114.51	\$1,114.51
166240	12/7/2017	786628	BRENNTAG PACIFIC, INC.	3846 LBS SODIUM HYDROXIDE	\$1,039.10	\$1,039.10
166264	12/7/2017	45026013	KELLY SERVICES INC	TEMP LABOR-LUU, A. WK END 11/12/2017	\$1,036.20	\$1,036.20
166236	12/7/2017	612534	A-PRO PEST CONTROL INC	NOVEMBER PEST CONTROL	\$1,005.00	\$1,005.00
166237	12/7/2017	10504499	AT&T	SERV: 10/13/17 - 11/12/17	\$42.71	\$952.54
	12/7/2017	10504501		SERV: 10/13/17 - 11/12/17	\$87.12	
	12/7/2017	10504497		SERV: 10/13/17 - 11/12/17	\$757.02	
	12/7/2017	10504500		SERV: 10/13/17 - 11/12/17	\$65.69	
166243	12/7/2017	99032681	CALTROL INC	2 PRESSURE GAUGES	\$869.06	\$869.06
166250	12/7/2017	282255	ENTHALPY ANALYTICAL LLC	12 LAB SAMPLE ANALYSIS	\$190.00	\$825.00
	12/7/2017	282103		11 LAB SAMPLE ANALYSIS	\$175.00	
	12/7/2017	282142		16 LAB SAMPLE ANALYSIS	\$460.00	
166280	12/7/2017	8883	TURNER RISK CONSULTING INC	CONFINED SPACE TRAINING - VONG	\$275.00	\$745.00
	12/7/2017	8895		TRAFFIC FLAGGER TRAINING - BULLIS	\$195.00	
	12/7/2017	8884		CONFINED SPACE TRAINING - BULLIS	\$275.00	

**UNION SANITARY DISTRICT  
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11/26/2017-12/08/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
166246	12/7/2017	54734407	CINTAS CORPORATION	1 2-PART JACKET: LUNA M.	\$250.84	\$732.47
	12/7/2017	54729886		3 2-PART JACKETS: RODRIGUEZ T., SHURMAN R., SILVA K.	\$481.63	
166270	12/7/2017	1470765	MOBILE MODULAR MANAGEMENT CORFFMC TRAILER RENTAL - NOV 2017		\$693.63	\$693.63
166271	12/7/2017	20171130	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - NOV 2017	\$628.47	\$628.47
166222	11/30/2017	9593058549	GRAINGER INC	2 100 FOOT ROLLS OF TAPE	\$438.58	\$601.70
	11/30/2017	9590007044		1 PODIUM STEPLADDER	\$163.12	
166251	12/7/2017	231036	ENVIRONMENTAL PRODUCTS & ACCES	2-1.25" HOSE REEL SWIVEL	\$539.43	\$539.43
166254	12/7/2017	6083173295	G&K SERVICES CO	ASTD DUST MOPS, WET MOPS & TERRY TOWEL	\$17.22	\$516.93
	12/7/2017	6083173294		UNIFORM LAUNDERING SERVICE	\$367.61	
	12/7/2017	6083170831		ASTD DUST MOPS, WET MOPS & TERRY TOWEL	\$17.22	
	12/7/2017	6700124472		3 POLO SHIRTS	\$114.88	
166219	11/30/2017	9225	MADHU CHALEMCHERLA	REFUND # 20516	\$500.00	\$500.00
166220	11/30/2017	9176	E Z PLUMBING	REFUND # 20525	\$500.00	\$500.00
166227	11/30/2017	9160	JIGNESH PATEL	REFUND # 20517	\$500.00	\$500.00
166253	12/7/2017	9221	CITY OF FREMONT	REFUND # 20539	\$500.00	\$500.00
166259	12/7/2017	9347	RAJ GUPTA	REFUND # 20537	\$500.00	\$500.00
166286	12/7/2017	9346	DONG "DAVID" ZHANG	REFUND # 20538	\$500.00	\$500.00

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
166269	12/7/2017	51237678	MCMASTER SUPPLY INC	3 FT WEATHER-RESISTANT SUCTION WATER HOSE	\$39.68	\$462.83
	12/7/2017	51286579		1 EASY-TO-WELD ALLOY STEEL TUBE	\$78.09	
	12/7/2017	51300797		ASTD PARTS & MATERIALS	\$212.74	
	12/7/2017	51141196		4 METAL CLAMPS	\$33.56	
	12/7/2017	51251794		2 NYLON TUBES	\$39.01	
	12/7/2017	50529057		ASTD PARTS & MATERIALS	\$22.45	
	12/7/2017	50567667		1 40-MESH SCREEN STRAINER	\$37.30	
166277	12/7/2017	7697594601	RS HUGHES CO INC	ASTD PPE EQUIPMENT	\$448.33	\$448.33
166224	11/30/2017	21071127.2	SCOTT MARTIN	EXP REIMB: QUARTERLY FMC RECOGNITION LUNCH	\$291.43	\$436.93
	11/30/2017	20171127.1		EXP REIMB: PARKING @ AIRPORT & HOTEL - INFARED THERMOGRAPHY	\$145.50	
166256	12/7/2017	1841081426	GOODYEAR COMM TIRE & SERV CTRS	4 TIRES	\$423.52	\$423.52
166263	12/7/2017	1054258	INDUSTRIAL SAFETY SUPPLY	2-6' GAS DETECTOR EXTENDIBLE PROBES	\$382.88	\$382.88
166262	12/7/2017	3023434345	IDEXX DISTRIBUTION INC	1 SIMPLATES MEDIA/40 GAMMA IRRAD COLILERT 18	\$380.13	\$380.13
166273	12/7/2017	15303G	R & S ERECTION OF S ALAMEDA	PM SERVICE ON ALL GATES	\$351.75	\$351.75
166230	11/30/2017	85340220171121	SAN FRANCISCO WATER DEPT	SERVICE 10/20/2017 TO 11/20/2017	\$265.34	\$265.34
166228	11/30/2017	20171127	MICHELLE POWELL	TRAVEL REIMB: LODGINING DEPOSIT CASA CONFERENCE 2018	\$209.31	\$209.31
166272	12/7/2017	20171204	SHAWN NESGIS	EXP REIMB: SUPPORT TEAM ANNUAL EVENT	\$205.23	\$205.23
166229	11/30/2017	20171005	MARC QUIJANO	EXP REIMB: AIRFARE INTERVIEW LAB DIRECTOR	\$169.38	\$169.38
166239	12/7/2017	12285530	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$161.67	\$161.67

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11/26/2017-12/08/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
166233	12/7/2017	9069872297	AIRGAS NCN	1 BODY TIG TORCH	\$100.97	\$158.17
	12/7/2017	9069872298		ASTD PARTS & MATERIALS	\$57.20	
166285	12/7/2017	14355	WESTERN MACHINE & FAB INC	1 SPANNER WRENCH PIN INSTALL	\$145.00	\$145.00
166260	12/7/2017	10715287	HACH COMPANY	1 SENSOR CAP REPLACEMENT	\$140.48	\$140.48
166221	11/30/2017	20171128	MOHAMMAD GHOURY	EXP REIMB: LUNCH FOR SACGISA JPA MTG	\$114.08	\$114.08
166274	12/7/2017	91600	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE DECEMBER 2017	\$97.90	\$97.90
166235	12/7/2017	5173382	ALL INDUSTRIAL ELECTRIC SUPPLY	1 EATON CONTACTOR	\$76.83	\$76.83
166231	11/30/2017	20171122	EDWARD TATOLA	EXP REIMB: AIRPORT PARKING FOR INFARED THERMOGRAPHY TRNG	\$76.50	\$76.50
166278	12/7/2017	1818202002	SAN LEANDRO ELECTRIC SUPPLY	50 BLK CABLE TIES	\$69.87	\$69.87
166261	12/7/2017	3L4655	HARRINGTON INDUSTRIAL PLASTICS	3-3" ADAPTER	\$53.82	\$53.82
166225	11/30/2017	51042062	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$44.64	\$44.64
166223	11/30/2017	1066707	HAYWARD WATER SYSTEM	WATER SERV 9/11/17 - 11/08/17	\$38.40	\$38.40
166252	12/7/2017	599697326	FEDERAL EXPRESS CORPORATION	SHIPPING SERVICE - GM	\$28.28	\$28.28
166282	12/7/2017	98XW53457	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 11/11/17	\$12.50	\$12.50

**UNION SANITARY DISTRICT  
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11/26/2017-12/08/2017.**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
<b>Invoices:</b>				<b>Checks:</b>		
<b>Credit Memos :</b>		<b>0</b>				
<b>\$0 - \$1,000 :</b>		<b>69</b>	<b>17,892.45</b>	<b>\$0 - \$1,000 :</b>	<b>41</b>	<b>15,058.00</b>
<b>\$1,000 - \$10,000 :</b>		<b>29</b>	<b>94,432.36</b>	<b>\$1,000 - \$10,000 :</b>	<b>19</b>	<b>69,734.32</b>
<b>\$10,000 - \$100,000 :</b>		<b>6</b>	<b>92,027.05</b>	<b>\$10,000 - \$100,000 :</b>	<b>8</b>	<b>119,559.54</b>
<b>Over \$100,000 :</b>		<b>1</b>	<b>277,501.62</b>	<b>Over \$100,000 :</b>	<b>1</b>	<b>277,501.62</b>
<b>Total:</b>		<b>105</b>	<b>481,853.48</b>	<b>Total:</b>	<b>69</b>	<b>481,853.48</b>

## **Sewer rate hikes near as city plans \$900M project**

### **San Mateo set to overhaul wastewater treatment plant**

By Samantha Weigel Daily Journal staff

The cost of treating wastewater in San Mateo is going up and the city is encouraging the public to come learn why.

As the city begins its \$900 million capital improvement Clean Water Program, it will also overhaul how it charges residents and businesses that rely upon San Mateo's sewer system.

This Wednesday and Thursday will mark an opportunity for the public to discuss proposed sewer rate changes that could, for the first time, include a fixed-rate component.

Currently, sewer rates are tied directly to water consumption, which inadvertently proved problematic when customers succeeded in meeting state conservation targets during the drought emergency.

The city is now trying to manage the lasting financial impacts of the multi-year dry spell that left a dent in projected revenue projections designed to support financing for the project.

The proposal includes rate increases ranging 10 percent to 14 percent annually for the next five years and follows the 36 percent increase to fiscal year 2017-18 rates. That sharp increase was intended to help offset the shortfall in projected revenue, which was ultimately attributed to the drought.

"It was one of those unintended consequences of water conservation," said City Manager Larry Patterson. "But we still have the same fixed costs to operate the system, so we have to fix that issue."

Part of the proposed solution the council supported was to create a hybrid rate model with a fixed rate as well as an adjustable component based on consumption. The changes apply to both residential as well as commercial users, and are slated for consideration by the City Council in early 2018. In the meantime, city staff is hoping to engage the public and provide insight into the challenges as well as benefits of funding the \$900 million program.

The project includes an overhaul of the Detroit Drive wastewater treatment plant and improvements to the conveyance system. The plans aim have environmental benefits and aim to meet state mandates it cease discharging raw sewage into the Bay, which occurs during extreme storms when the plant's capacity is maxed out. The city is also incorporating sustainability measures into the plans, including the potential of recycling water on site.

The treatment plant services thousands in Foster City, Hillsborough and the Crystal Springs Sanitation District, where rates are also expected to increase as San Mateo navigates funding options.

The city plans to apply for nearly \$700 million in low-interest state revolving loan funds. However, that pool of funding has become extremely competitive and there are no guarantees. As a backup, the city has also been studying traditional financing mechanisms, Patterson said.

The multi-year rate increases could position the city to be more competitive by providing more stable funding predictions when it goes to seek bonds or funding, he added.

“We want to go for a multi-year planning because of the magnitude of the capital program we have,” Patterson said, describing the \$900 million expenditure as over a relatively short period of time. “To be able to go out for bonds or to get a state-revolving loan fund, we need to have stable or predictable rate structure.”

Staff is drafting a proposal of how to adjust rates before presenting it to the council next year. However, an earlier draft indicated a hybrid model of a fixed component and volumetric-based rate would translate to the average household's current \$61.55 monthly bill increasing to about \$61.93 in 2019 and up to \$119.50 five years later, according to the city.

While few are expected to enjoy double-digit annual rate increases, Patterson noted the multi-year structure provides users with the ability to plan further down the road. Ultimately, regardless of how the improvements are financed, it will be paid by the ratepayers.

This week's public forums will provide an overview of the Clean Water Program and Patterson encouraged people to attend to learn about the improvements to the infrastructure upon which residents rely.

“We want people to understand what's behind the rates,” Patterson said. “The more informed they can become, I think the better it is for us and the better it is for them so they can also plan [for] what's coming down the road.”

Visit [cleanwaterprogramsanmateo.org](http://cleanwaterprogramsanmateo.org) for more information. This week's meetings run 6:30 p.m. to 8:30 p.m. Wednesday, Nov. 29, at the San Mateo Main Library, 55 W. Third Ave.; and Thursday Nov. 30 at City Hall, 330 W. 20th Ave.

[samantha@smdailyjournal.com](mailto:samantha@smdailyjournal.com)



# SECURING SOUTHERN CALIFORNIA'S WATER FUTURE

Utilities' water reuse projects aim to expand dwindling supplies

By Alanna Maya

Severe drought, dwindling local water supplies and the high costs associated with imported water have many utilities looking for new ways to increase their local drinking water supplies to fill future needs. In Southern California, several public and private utilities have chosen water reuse as the answer to these problems.

"In California, these treatment processes are called AWT's, or advanced water treatment plants," said Mehul V. Patel, P.E., Orange County Water District's (OCWD) director of water production. He oversees the operations, maintenance and staff responsible for the day-to-day activities of the Groundwater Replenishment System (GWRS) facility and has been with the District for 18 years. "Our [state] regulations now require that any indirect potable reuse project — which is what these kinds [of processes] are considered — follows this same treatment train: microfiltration, then reverse osmosis, and finally UV light and chemical treatment."

Since the mid-1970s, OCWD has been a leader in the reuse of municipal wastewater. In 1975, the district opened Water Factory 21 (WF 21), which took treated wastewater from the Orange County Sanitation District (OCSD), blended it with deep well water and injected it into the basin at a local ocean outfall. The facility was the first in the world to use reverse osmosis to purify wastewater to drinking water standards in 1977, treating a maximum of 15 million gallons a day (MGD) while offsetting the total amount of wastewater effluent being discharged into the Pacific Ocean. By 1990, WF 21's 15 MGD capacity was not enough to meet the needs of the growing population and the district began looking at expansion. The ocean outfall in use by OCSD was also near capacity, and so, the two agencies collaborated on a solution and expanded their reuse efforts together.

"It was a perfect storm because the Sanitation District needed to get rid of its treated wastewater, we needed to find another source of replenishment water to fill our aquifer and we needed to upgrade the old seawater intrusion barrier plant. So that all came together and we partnered up to build the GWRS," Patel said.

The GWRS facility, which repurposes 100 MGD of municipal wastewater through microfiltration, reverse osmosis, and ultraviolet light with hydrogen peroxide before returning it to the drinking water supply, has been the poster-child for AWT in the state since coming on-line in 2008.

“The partnership [between OCWD and OCSD] is what made the program really unique,” Patel said. “By the sanitation district needing us to help decrease its ocean discharge levels, [and our needs for] more flow, they literally were a financial partner [as well].”

In fact, about \$200 million of the total \$481 million in construction costs for the initial 70 MGD GWRS facility came from OCSD. Currently, the sanitation district “gifts” its treated wastewater to OCSD and takes back all of the waste stream from the GWRS facility at no cost. The relationship provides a significant cost savings for the water district, Patel said.

In 2015, the GWRS completed a \$143 million, 30 MGD expansion project. In addition to increasing local potable water supply, the program has significantly decreased the amount of wastewater discharged into the Pacific Ocean — all while providing enough water for about 850,000 people. The Groundwater Replenishment System Final Expansion Project (GWRSFEP) will increase the program’s treatment capacity to 130 MGD, and is expected to be completed by December 2023.

And the partnership between OCWD and OCSD is ongoing. While most wastewater treatment plants (WWTPs) have a collection system that routinely scans for oils, grease and environmental contaminants, OCSD’s enhanced source control tests for drinking water contaminants before sending water to GWRS for treatment. OCWD then screens for over 400 contaminants during its process. If plant managers find something they believe to be coming from the WWTP, they communicate and the two agencies work together to find the source of the contaminant and a treatment solution.



The OCWD’s Groundwater Replenishment System currently repurposes 100 MGD of municipal wastewater. At full build-out, the program will supply 130 MGD of advanced treated water to Orange County residents. Photo courtesy OCWD.

“Our [treatment] model and [interagency] cooperation is something that other [utilities] are trying to follow,” Patel said, “realizing that they need to work together because the wastewater treatment plant has an influence on what happens at the reclamation plant.”

As the area’s major success story, OCWD has worked with other agencies to set up their own AWT programs, hosting engineers and utility representatives from agencies in

Southern California and as far as Australia and Singapore. While visitors are of course curious about the treatment process, Patel said the agencies broad public acceptance and minimal community pushback seems to be the biggest draw.

“What we share with a lot of other agencies, more than just our treatment process, is that before we even put pen to paper on a preliminary design, we had already started our community outreach,” Patel said. “The message was very honest in terms of telling people, literally, that this is treated wastewater that we are going to turn into beyond drinking water quality and it is going to mix with the other drinking water supplies, but none of it will go directly to your house. It will be part of the water supply indirectly, and it is what we have to do in order to keep up with demand in this area.”

Patel underscored the importance of not only being up front and honest but also having the staff do all of the outreach and the presentations rather than consultants or PR firms. “We tell everyone that they need to use the staff that actually run the plant, teach them how to speak publicly, be honest and not to use a lot of jargon.”



Water at the GWRS goes through several treatment processes before being sent to be mixed in with the local drinking water supply. Photo courtesy OCWD.

OCWD has hosted hundreds of facility tours and “tastings” at the GWRS, and is a staple at community fairs and outreach programs. “A big part of our ongoing outreach is conducting tours of our facility,” Patel said. “We don’t turn anyone down, even if a single person calls, we will give them a tour where they get a chance to taste the water here.” Patel noted the recent passing of state legislation that allows the facility to bottle a small portion of the water produced there. “So we have been able to bring the water to events like festivals and community fairs so that people who cannot come to the plant can see the water, taste it and see that it is safe,” he said. “We are a big believer that the outreach can never stop, and that it has to be early and often.”

## **BUILDING MORE LOCAL SUPPLIES**

About an hour or so north of OCWD, the Metropolitan Water District of Southern California (Metropolitan) delivers an average of over 2 billion gallons of water a day to 19 million customers across Southern California. About 55 percent of water provided to Metropolitan customers comes from outside sources like the Colorado River. Recently, Metropolitan launched a water recycling program in conjunction with the Sanitation Districts of Los Angeles County and broke ground on a 500,000-gallon-per-day demonstration facility. The Advanced Purification Center is expected to begin operations by the end of 2018.



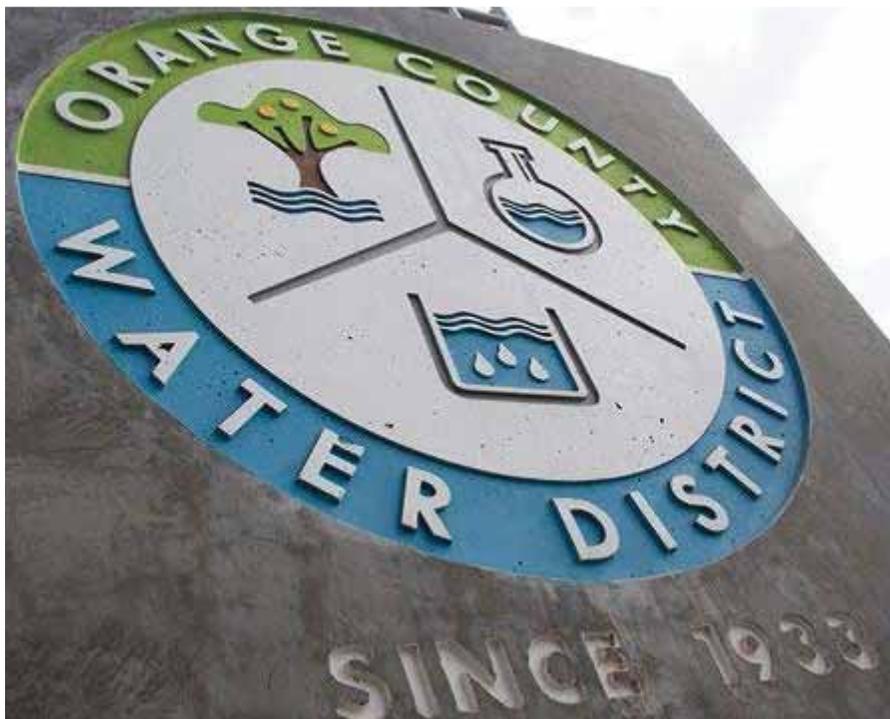
Tastings conducted at the PURE Water Program demonstration facility allow visitors from the community to sample the water that will become part of their drinking water supply. Photo courtesy City of San Diego.

Jeffrey Kightlinger, who is the general manager and chief executive officer for Metropolitan said the Regional Recycled Water Program is one of the agency’s largest undertakings in its history.

“Early on, we came to the realization that our imported supply was not growing; and if anything [these water sources] are getting more constricted over time, while our region is continuing to grow in population,” he said. “So, we had to come up with a plan to serve our region on a flat baseline of imported water.” According to Kightlinger, Metropolitan had to do two things: ensure the continued reliability of the baseline imported supply by continuing to invest in it and maintain it; and develop new local supplies to accommodate growth in the area through conservation, demand management reduction and local resources.

In the early 1990s, Metropolitan began supporting local reuse projects through subsidies to offset the cost of imported water. Subsidies are designed to make local projects cost-competitive with Metropolitan’s imported water, which is relatively inexpensive because of the large volume of water being moved by the agency. The money comes from a public goods charge Metropolitan calls its water stewardship rate, a fee attached to each drop of imported water the agency sells. Today, about 400,000 acre-feet of water a year is recycled in Southern California annually through its local resources project plan program, including OCWD’s GWRS facility, which partnered with Metropolitan on subsidizing the early stages of development for its water recycling program.

“We have now subsidized over three dozen projects throughout Southern California, and the program has worked quite well,” Kightlinger said, “but we are seeing that we have already picked off some of the low hanging fruit, and the easier projects have been [addressed].”



OCWD has been a leader in the reuse of municipal wastewater since the mid-1970s. Photo courtesy OCWD

Kightlinger said the projects Metropolitan is now considering are more complex and difficult. “A subsidy alone hasn’t really been enough to push them over the top to make them a viable [option for our member agencies],” he explained. “Through the Regional

Recycled Water Program, we would become the project developer and operator ourselves ... for the next wave of water projects that are multi-jurisdictional, big, complex projects — too big for one small city to handle on its own.” A regional agency like Metropolitan would have the ability to facilitate, he noted.

Under the Regional Recycled Water Program, Metropolitan would purify treated wastewater from the Sanitation Districts’ Joint Water Pollution Control Plant in Carson, Calif., to produce a safe, high-quality water source.

“At full build-out, this would be the largest recycled water facility in the nation at up to 150 MGD and it would enable us to replenish three different groundwater basins to keep [them] filled with water and take away the need for using imported water to replenish those basins,” Kightlinger said. “Assuming everything works well with the demonstration plant, we would hope to be moving into design within a couple of years.”

But for Kightlinger what’s more important than the treatment process or the cost and design of the facility is the communication with water customers.

“For a project like this, you have a large community that is eventually going to be getting their water from us, and you have a lot of communities that don’t necessarily traffic in social media or watch the local news,” he noted, “so we are going to have to find different ways to reach out to them to make sure that they are involved because we have to make people comfortable.” He noted the success of OCWD’s public outreach campaign. “Orange County Water was the poster child for this — they spent several years attending every meeting possible in the community, blanketing the area with information, so that when they finally rolled out their project, there was broad community acceptance. We want to replicate that.”

## **COMMUNICATION IS CRITICAL**

The City of San Diego knows firsthand the undesirable impacts of poor communication. This public utility has been operating an advanced water treatment demonstration facility for the last 11 years to showcase the PURE Water Program, as it is called today.

“When this program first came about [in the mid 1990s], some very negative monikers like ‘toilet to tap’ were being thrown around in regard to the regional reuse efforts we wanted to explore,” recalled Brent Eidson, the city’s external affairs deputy director.

“Though these terms did not adequately describe the treatment process, the city council did not move forward at the time,” Eidson recalled. “When we decided to come back to this project in the mid-2000s, we realized that public outreach was essential to the success. [When] we constructed the demonstration plant, we also included contracts for outside consultants to help us develop our messaging and outreach efforts on the program. So, we have really been working on that nonstop since 2010.”

The City of San Diego has hosted more than 12,500 people for tours of its PURE Water demonstration facility, and continues to work closely with city government to get its message — that AWT is the future of drinking water supply in the area — to the community. Just last year, a public opinion poll, conducted by another agency but focusing on San Diegans showed a 73 percent approval rate when respondents were asked if they would support the use of highly treated advanced water in their drinking water supply.

The PURE Water program is expected to deliver about 1/3 of the drinking water needs for San Diegans by 2035. The program will take tertiary treated water from the North City Water Reclamation Plant and purify it before transferring the water to the Miramar reservoir, which has a capacity of 6,682.4 acre-feet. From the reservoir, it will go to the city's drinking water plant for additional treatment, and finally enter the potable water distribution system.

The challenge today is that, because of early setbacks, the program is still in the design phase, so keeping the project in the news with little to report has been a daunting task.

“Sometimes, when you go through the design of things, there’s not really a lot to talk about. Engineers are just working at their [CAD stations] and we don’t see anything for months and months; there is nothing ‘new’ to show anyone, so we have tried to be creative to keep our name in the public eye,” Eidson said.



The City of San Diego's PURE Water program demonstration facility went online in 2011. While the city designs the ultimate program, it is still in operation today. Photo courtesy City of San Diego.

“Even though our demonstration facility was designed to run from 2011-2012 for the purposes of state reporting, we’ve never stopped operating and that has been an important tool as a way to provide awareness and outreach to our customers,” he said. Last October, an open house there attracted more than 400 people for tours and tastings.

As both San Diego and Los Angeles move forward with their AWT programs, Patel said the message needs to be consistent and honest. “Our message all along has been that these advanced water treatment programs are an option for areas where drought is an issue, like in Southern California, and they can be done safely and effectively,” he said. “It’s a matter of getting people to understand that our supplies are limited and finding an alternative supply is something we will all have to do eventually.” **WW**

About the Author: **Alanna Maya** is the assistant editor for WaterWorld and Industrial WaterWorld magazines. Email her at [alannam@pennwell.com](mailto:alannam@pennwell.com).