



BOARD MEETING AGENDA
Monday, July 11, 2016
Regular 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.

 2. Pledge of Allegiance.

 3. Roll Call.

 - Motion 4. Approve Minutes of the Special Meeting of June 27, 2016.

 - Motion 5. Approve Minutes of the Meeting of June 27, 2016.

 6. Written Communications.

 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.

 - Presentation 8. South Bay Salt Pond Restoration: Project Update.

 - Motion 9. Adopt a Resolution Declaring the Results of the Presidential Primary Election Held June 7, 2016.

 10. Swearing in of Reelected Boardmember Manny Fernandez and Reappointed Boardmembers Pat Kite and Anjali Lathi.

- Board to Take a Recess for a Reception**
Honoring Reelected and Reappointed Boardmembers
Please join us for a reception in the Boardroom.
(15 minutes approximately)
-
- Motion 11. Election of Officers for the Board of Directors for FY 2017.

- Information 12. Information Items:
 - a. Check Register.
 - b. Report on the East Bay Dischargers Authority (EBDA) Commission Meeting of June 16, 2016.

- Information 13. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*
 - a. Legal/Community Affairs Committee – will not meet.
 - b. Budget & Finance Committee – will not meet.
 - c. Personnel Committee – will not meet.
 - d. Engineering and Information Technology Committee – will not meet.
 - e. Legislative Committee – will not meet.
 - f. Ad Hoc Subcommittee for Communications Strategy.

- Information 14. General Manager’s Report. *(Information on recent issues of interest to the Board).*

- 15. 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.

- 16. Adjournment – The Board will adjourn to a Special Meeting Closed Session to be held in the Alvarado Conference Room on Tuesday, July 12, 2016, at 6:30 p.m.

- 17. Adjournment – The Board will then adjourn to the next Regular Meeting in the Boardroom on Monday, July 25, 2016, at 7:00 p.m.

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 “Oral Communications” 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 in the Boardroom and are to be completed prior to discussion of the agenda item.

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

**NOTICE OF
COMMITTEE MEETING**

All meetings will be held in
the General Manager's Office
5072 Benson Road, Union City, CA 94587



BOARD MEETING OF JULY 11, 2016

Committee Membership:

Budget and Finance	Directors Manny Fernandez and Pat Kite (Alt. – Jennifer Toy)
Engineering and Information Technology Committee	Directors Tom Handley and Jennifer Toy (Alt. – Pat Kite)
Legal/Community Affairs	Directors Pat Kite and Anjali Lathi (Alt. – Tom Handley)
Legislative Committee	Directors Manny Fernandez and Tom Handley (Alt–Pat Kite)
Personnel Committee	Directors Manny Fernandez and Jennifer Toy (Alt. – Anjali Lathi)
Audit Committee	Directors Anjali Lathi and Jennifer Toy (Alt. Manny Fernandez)

No Committee Meetings will be held prior to the July 11, 2016, Board meeting.

Committee meetings may include teleconference participation by one or more Directors.
(Gov. Code Section 54953 (b))

Committee Meetings are open to the public. Only written comments will be considered. No action will be taken.

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
June 27, 2016**

CALL TO ORDER

President Toy called the special meeting to order at 6:00 p.m.

ROLL CALL

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

STAFF: Paul Eldredge, General Manager
Karen Murphy, District Counsel
Leah Castella, Special Counsel
Sami Ghossain, Technical Services Manager
Pamela Arends-King, Business Services Manager/CFO
Raymond Chau, Capital Improvements Projects Coach

ORAL COMMUNICATIONS

There were no oral communications.

CLOSED SESSION

The Board adjourned to Closed Session for the following matter:

Conference with Legal Counsel – Anticipated Litigation
Initiation of litigation pursuant to Government Code Section 54956.9(d)(4):
One potential case

The Board reconvened to Open Session. President Toy reported there was no reportable action.

ADJOURNMENT:

The special meeting was adjourned at approximately 6:48 p.m. to the next Regular Board Meeting in the Boardroom on Monday, June 27, 2016, at 7:00 p.m.

SUBMITTED:

ATTEST:

KRISTINA SILVA
ADMINISTRATIVE ASSISTANT

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 11th day of July, 2016

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
June 27, 2016**

CALL TO ORDER

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

PLEDGE OF ALLEGIANCE

ROLL CALL

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

STAFF: Paul Eldredge, General Manager
Karen Murphy, District Counsel
Robert Simonich, Fabrication, Maintenance, and Construction Manager
Sami Ghossain, Technical Services Manager
Pamela Arends-King, Business Services Manager/CFO
James Schofield, Collection Services Manager
Raymond Chau, Capital Improvements Projects Manager
Sheila Tolbert, Human Resources Manager
Kristina Silva, Administrative Specialist

APPROVAL OF THE MINUTES OF THE MEETING OF JUNE 13, 2016

It was moved by Secretary Kite, seconded by Director Fernandez, to approve the Minutes of the Meeting of June 23, 2016. Motion carried unanimously.

WRITTEN COMMUNICATIONS

There were no written communications.

ORAL COMMUNICATIONS

There were no oral communications.

PUBLIC HEARING TO CONSIDER COLLECTION OF SEWER SERVICE CHARGES ON THE TAX ROLLS FOR FISCAL YEAR 2017 AND ADOPTION OF A RESOLUTION ELECTING TO COLLECT SEWER SERVICE CHARGES ON THE TAX ROLLS

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge stated the District has collected sewer service charges on the general Alameda County tax rolls for many years. The Board must annually hold a public hearing to consider and reauthorize collection of the sewer service charges on the tax rolls.

The report was made available for public inspection at the District's offices, and staff published the notice of the filing of the report and the public hearing to consider the report in the Argus newspaper on June 3, 2016, and June 10, 2016, and the Tri-City Voice on June 7, 2016, and June 14, 2016.

President Toy opened the public hearing. There were no oral or written public protests or comments received. President Toy closed the public hearing.

It was moved by Secretary Kite, seconded by Director Fernandez, to adopt Resolution No. 2781 Adopting Report on Sewer Service Charge Rates for Fiscal Year 2017 and Electing to Collect Sewer Service Charges on Tax Rolls. Motion carried unanimously.

CONSIDER APPROVING FINAL OPERATING AND CIP BUDGETS FOR FISCAL YEAR 2017

This item was reviewed by the Budget & Finance Committee. The information was presented to the Board of Directors at the Budget Workshop held April 27, 2016, and at the regular Board meeting of June 13, 2016. The budgets included in the Board meeting packet reflect Board input from both sessions.

Business Services Manager/CFO Arends-King presented the information and highlighted the following items within the revised budget:

- Budget includes the increase for sewer service charges and first year of capacity increase fees
- Total Revenues and proceeds - \$64,475,190
- Total Expenditures - \$64,475,190
- Amount going to Total Reserves - \$7,170,458
- Increase in personnel cost of approximately \$313,000 due to additional plant operator positions, including benefits and retirement for those positions.
- Increase of \$100,000 to PG&E due to the Cogen engine down time.
- Increase of \$7,000 to East Bay Dischargers Authority.
- Special projects budget was increased by \$465,000. \$350,000 will be used for the treatment master plan and increase for the IT network masterplan.
- The Co-digestion Pilot Masterplan was removed.

It was moved by Vice President Handley, seconded by Secretary Kite, to Approve the Final Operating and CIP Budgets for Fiscal Year 2017. Motion carried unanimously.

CONSIDER A RESOLUTION TO ACCEPT A SANITARY SEWER EASEMENT FOR TRACT 8127 – MISSION PLACE, LOCATED ALONG DRISCOLL ROAD BETWEEN BEATRICE STREET AND ROSEWALK COURT IN THE CITY OF FREMONT

This item was reviewed by the Legal/Community Affairs Committee. Technical Services Manager Ghossain stated Summerhill Driscoll, LLC is constructing twenty-four, multifamily residential units at Driscoll Road, between Beatrice Street and Rosewalk Court, in the city of Fremont. Sanitary sewer service to the residential development will be provided by the construction of a new 8-inch main, connected to an existing 8-inch main in Driscoll Road. Summerhill Driscoll, LLC has constructed the new sewer main across Driscoll Road and in streets within the development. The streets within the development do not meet the City of Fremont street dimension and structure setback requirements and were, therefore, designated as private streets. Summerhill Driscoll, LLC has granted the District a sanitary sewer easement that provides for access, maintenance, and service of the new sewer mains within the private streets.

It was moved by Director Lathi, seconded by Director Kite, to Approve Resolution No. 2782 to Accept a Sanitary Sewer Easement for Tract 8127 – Mission Place, Located Along Driscoll Road Between Beatrice Street and Rosewalk Court in the City of Fremont. Motion carried unanimously.

PROVIDE DIRECTION REGARDING 2016 BOARD COMPENSATION SURVEY

This item was reviewed by the Personnel Committee. At the December 14, 2015, Board meeting it was requested that the District prepare a survey of Board compensation for surrounding agencies with comparable services. Human Resources Manager Tolbert requested direction regarding which agencies to survey, and also asked the Board to clarify if the survey should include only salary or all benefits (salary, medical retirement etc.). Previously, Human Resources conducted a Board of Director salary survey in 2011 and 2014.

Vice President Handley stated the East Bay Discharge Authority (EBDA) is currently preparing a salary survey for the commissioner, and suggested the District may want to wait until the survey is completed to review EBDA's findings.

The Board agreed by consensus to table the item of a Board compensation survey to a later date.

MONTHLY OPERATIONS REPORT FOR MAY 2016

This item was reviewed by the Legal/Community Affairs and Budget & Finance Committees. General Manager Eldredge reported the following:

- Odor Complaints: The District received two odor complaints received during the month of May 2016. The first was received from Fremont. No odors were found after staff inspected the USD mains, storm drain inlets, alley adjacent to the building, and grease traps. The complaining party was advised they should contact the property manager to request they inspect the drains and ceiling pipe vents for the source of the

odor inside the building. The second complaint was received from a Union City resident regarding an odor reportedly emanating from the treatment plant. The Plant Coach and an operator conducted two odor patrols in the afternoon and no odor was detected. The District has also reached out to wild life agencies that manage the ponds to see if they are draining ponds or doing something that would create odor.

- Hours Worked and Leave Time by Work Groups
 - Staff is looking into how the information can be presented differently, in different categories, per a request received at the Committee meeting

Business Services Manager/CFO Arends-King reported the following:

- Revenues:
 - Capacity fees increased \$477,000
 - SERF loan proceeds were \$366,000
- Operating expenses were within budget
- Major capital expenditures were for the High Speed Aeration Project and MCC and PLC Replacement Project
- Investment report was on target

General Manager Eldredge reported the following:

- Technical Services:
 - 69 sewer permits were issued in May which was increased from 19 permits issued in April and 51 permits issued in March
- Treatment & Disposal:
 - Cogen Power production was lower due to one engine out of commission

INFORMATION ITEMS:

Check Register

All questions were answered to the Board's satisfaction.

COMMITTEE MEETING REPORTS:

The Legal/Community Affairs, Budget & Finance, and Personnel Committees met.

GENERAL MANAGER'S REPORT:

General Manager Eldredge reported the following:

- At the end of July, Staff will tour the Ora Loma levee project. The District was approached to participate in a similar project for the Eden Landing area. John Bourgeois is scheduled to provide a presentation at the July 11, 2016, Board meeting regarding specifics of the project.
- The Department of Home Land Security has completed a seismic analysis of the greater Bay Area. The analysis was based on the ramifications of a 7.0 earthquake on the Hayward fault to roadways, bridges, water, and wastewater facilities in the area. The report indicated that most water facilities would have complete failure of all pipelines or extensive damage to the filter gallery. Alameda County Water

District (ACWD) is referenced by name in the report. The analysis concluded that ACWD would experience extensive pipeline breaks. Union Sanitary District (USD) was also referenced in the report. USD was reported to be in the “Extensive” repair category, which is one below the “Complete” damage category. Home Land Security did not contact the District for information on our facility. Staff contacted consultants that had previously completed a seismic study of the District facilities. It was found that the Home Land Security report was generated by use of a program for the analysis that relied upon many generalizations and did not include information such as recent upgrades and repairs. There is a comment period available for the report, and staff is looking into providing comments.

- Director Handley stated Staff should provide the comments to Home Land Security to let the public know the District was not contacted during the preparation of the analysis nor was it given the opportunity to provide any information for the report.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 7:34 p.m. to the next scheduled Regular Board Meeting to be held in the Boardroom on Monday, July 11, 2016, at 7:00 p.m.

SUBMITTED:

ATTEST:

KRISTINA SILVA
ADMINISTRATIVE ASSISTANT

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 11th day of July, 2016



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: July 5, 2016

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager / District Engineer
Regina McEvoy, Assistant to the General Manager / Board Secretary
Karen Murphy, General Counsel

SUBJECT: Agenda Item No. 9 – Meeting of July 11, 2016
ADOPT A RESOLUTION DECLARING THE RESULTS FROM THE JUNE 7, 2016 ELECTION

Recommendation

Receive the Official Canvass of the June 7, 2016, Presidential Primary Election as certified by the Alameda County Registrar of Voters as to Union Sanitary District Director Ward 1, and adopt a resolution declaring the results of the election.

Background

On January 11, 2016, the Board of Directors adopted Resolution No. 2771, Calling the June 7, 2016 Election for Three Directors, and Resolution No. 2772, Consolidating the Union Sanitary District Election with the Presidential Primary Election on June 7, 2016.

Director Pat Kite, representing Ward 2, and Director Anjali Lathi, representing Ward 3, were the only candidates for their respective wards and were reappointed by the County to serve terms expiring June 2020. As to the election for the Director for Ward 1, staff has received the certified results from the Alameda County Registrar's Office, and the names of the persons voted for as candidates for Union Sanitary District Director, Ward 1. The total number of votes received and cast in favor of each of the persons voted for were as follows:

DIRECTOR – REPRESENTING WARD 1	
Manuel “Manny” Fernandez	7,402
Amit Kumar Salwan	3,273

All election results have been canvassed and certified by the Registrar of Voters and are presented to the Board of Directors.

Attachments: Resolution – Declaring Results of the Election Held June 7, 2016
Exhibit A to Resolution which is the Official Canvass of the June 7, 2016 Presidential Primary Election

RESOLUTION NO. _____

**RESOLUTION OF THE BOARD OF DIRECTORS OF UNION SANITARY DISTRICT
DECLARING THE RESULTS OF THE ELECTION
HELD JUNE 7, 2016**

WHEREAS, on June 7, 2016, Alameda County conducted a Presidential Primary Election; and

WHEREAS, on January 11, 2016, the Board of Directors adopted Resolution No. 2771, Calling the June 7, 2016 Election for Three Directors, and Resolution No. 2772, Consolidating the Union Sanitary District Election with the Presidential Primary Election on June 7, 2016; and

WHEREAS, the Union Sanitary District offices to be filled by such Presidential Primary Election were for three Directors serving Ward 1, Ward 2, and Ward 3, with terms expiring June 2020; and

WHEREAS, Director Pat Kite, representing Ward 2, and Director Anjali Lathi, representing Ward 3, were the only candidates for their respective wards, and a petition signed by voters in the District requesting that an election be held for such offices was not filed; and

WHEREAS, Director Pat Kite was appointed by the County to the office of Union Sanitary District Director, Ward 2; and

WHEREAS, Director Anjali Lathi was appointed by the County to the office of Union Sanitary District Director, Ward 3; and

WHEREAS, the Alameda County Registrar of Voters did canvass the returns of the consolidated election with respect to the Director for Ward 1, and did certify to this Board of Directors the results of the votes cast at the election, which certification is attached hereto as Exhibit "A", and incorporated herein by reference; and

WHEREAS, the total number of ballots cast in Ward 1 was 13,430, and the names of persons voted for were as follows:

DIRECTOR – REPRESENTING WARD 1	
Manuel "Manny" Fernandez	7,402
Amit Kumar Salwan	3,273

WHEREAS, Director Manuel "Manny" Fernandez received the highest number of votes, and was elected to the office of Union Sanitary District Director, Ward 1.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Union Sanitary District does find and state that the canvass by the Registrar of Voters of Alameda County, and the results of the Presidential Primary Election as to the Director of Union Sanitary District for Ward 1, are hereby ratified, confirmed, approved, and declared.

On motion duly made and seconded, this resolution was adopted by the following vote on July 11, 2016:

AYES:

NOES:

ABSENT:

ABSTAIN:

JENNIFER TOY
President, Board of Directors
UNION SANITARY DISTRICT

Attest:

PAT KITE
Secretary, Board of Directors
UNION SANITARY DISTRICT



REGISTRAR OF VOTERS

ALAMEDA COUNTY • CALIFORNIA

TIM DUPUIS
REGISTRAR OF VOTERS

CYNTHIA CORNEJO
DEPUTY REGISTRAR OF VOTERS

June 22, 2016

Union Sanitary District
Regina McEvoy, Assistant to the General Manager
5072 Benson Road
Union City, CA 94587

Dear Ms. McEvoy:

Enclosed are the Certificate of Election Results, Certificate of Appointment and a copy of the Official Canvass for the Union Sanitary District Presidential Primary Election held on June 7, 2016.

If you have any questions, please contact me at (510) 272-6933.

Sincerely,

Tim Dupuis
Registrar of Voters
Alameda County

Enclosures

STATE OF CALIFORNIA }
COUNTY OF ALAMEDA } ss.

I, **TIM DUPUIS**, Registrar of Voters for the County of Alameda, State of California, having canvassed the returns of all votes cast in the **Union Sanitary District, Ward 1** at the Presidential Primary Election held on Tuesday, **June 7, 2016**, do hereby certify the following to be a full, true and correct Statement of the Results of all the votes cast, to which this certificate is attached, at said election for each candidate in the **Union Sanitary District, Ward 1** for the office of **District Director**.

I hereby set my hand and my official seal this **22nd** day of **June 2016**.



TIM DUPUIS
Registrar of Voters
Alameda County
State of California

CERTIFICATE OF REGISTRAR OF VOTERS PURSUANT TO SECTION 10515 OF THE CALIFORNIA ELECTIONS CODE CONCERNING THE PRESIDENTIAL PRIMARY ELECTION HELD ON TUESDAY, JUNE 7, 2016, IN THE UNION SANITARY DISTRICT, WARD 3.

I, **TIM DUPUIS**, Registrar of Voters, County of Alameda, State of California, do hereby certify that the number of Directors to be elected at the Presidential Primary Election held on Tuesday, June 7, 2016 in the Union Sanitary District, Ward 3, is: **One**

I further certify that the number of nominees for Director of Union Sanitary District, Ward 3, does not exceed the number of offices for Director to be filled at said election.

I further certify that the following candidate has been duly nominated for the elective office of Director, Union Sanitary District, Ward 3:

ANJALI LATHI

I hereby certify that a petition signed by voters in the District requesting that an election be held for such office was not filed.

Dated at Oakland, California

This 22nd Day of June, 2016



TIM DUPUIS
Registrar of Voters
Alameda County
State of California

CERTIFICATE OF REGISTRAR OF VOTERS PURSUANT TO SECTION 10515 OF THE CALIFORNIA ELECTIONS CODE CONCERNING THE PRESIDENTIAL PRIMARY ELECTION HELD ON TUESDAY, JUNE 7, 2016, IN THE UNION SANITARY DISTRICT, WARD 2.

I, **TIM DUPUIS**, Registrar of Voters, County of Alameda, State of California, do hereby certify that the number of Directors to be elected at the Presidential Primary Election held on Tuesday, June 7, 2016 in the Union Sanitary District, Ward 2, is: **One**

I further certify that the number of nominees for Director of Union Sanitary District, Ward 2, does not exceed the number of offices for Director to be filled at said election.

I further certify that the following candidate has been duly nominated for the elective office of Director, Union Sanitary District, Ward 2:

L. PATRICIA (PAT) KITE

I hereby certify that a petition signed by voters in the District requesting that an election be held for such office was not filed.

Dated at Oakland, California

This 22nd Day of June, 2016



TIM DUPUIS
Registrar of Voters
Alameda County
State of California

**ALAMEDA COUNTY Statement of Vote
PRESIDENTIAL PRIMARY ELECTION**

UNION SANITARY DISTRICT DIRECTOR, WARD 1

	Registration	Ballots Cast	Turnout (%)		UNION SANITARY DISTRICT MANUEL "MANNY" FERNANDEZ	AMIT KUMAR SALWAN	Under Vote	Over Vote								
821100 - Vote by Mail Reporting	1288	433	33.67		202	132	88	0								
821100 - Election Day Reporting	1288	120	9.33		40	45	32	0								
821110 - Vote by Mail Reporting	979	238	24.11		137	49	40	0								
821110 - Election Day Reporting	979	136	13.89		76	31	29	0								
821140 - Vote by Mail Reporting	881	228	25.88		105	78	39	0								
821140 - Election Day Reporting	881	97	11.01		39	35	22	0								
821200 - Vote by Mail Reporting	1350	340	25.19		187	81	61	1								
821200 - Election Day Reporting	1350	181	13.41		85	51	41	0								
821210 - Vote by Mail Reporting	1472	431	29.28		248	93	75	0								
821210 - Election Day Reporting	1472	198	13.32		102	46	49	0								
821400 - Vote by Mail Reporting	880	273	31.74		153	76	37	0								
821400 - Election Day Reporting	880	129	15.00		81	24	24	0								
821500 - Vote by Mail Reporting	985	312	31.68		172	71	61	1								
821500 - Election Day Reporting	985	138	13.81		73	38	24	0								
821600 - Vote by Mail Reporting	984	220	22.82		142	41	26	0								
821600 - Election Day Reporting	984	148	15.15		93	20	30	0								
821710 - Vote by Mail Reporting	787	238	30.24		159	39	40	0								
821710 - Election Day Reporting	787	148	18.55		89	20	37	0								
821730 - Vote by Mail Reporting	1588	458	29.21		280	92	80	1								
821730 - Election Day Reporting	1588	190	12.12		94	44	51	0								
821800 - Vote by Mail Reporting	1785	359	20.34		210	101	41	0								
821800 - Election Day Reporting	1785	228	12.82		97	79	40	0								
821900 - Vote by Mail Reporting	1053	260	24.69		141	68	44	0								
821900 - Election Day Reporting	1053	145	13.77		54	55	35	0								
821910 - Vote by Mail Reporting	783	227	29.75		143	40	38	1								
821910 - Election Day Reporting	783	82	10.75		40	21	22	0								
822000 - Vote by Mail Reporting	1184	299	25.25		158	93	41	0								
822000 - Election Day Reporting	1184	166	14.02		67	58	37	0								
822010 - Vote by Mail Reporting	1034	236	22.82		124	62	48	1								
822010 - Election Day Reporting	1034	149	14.41		77	34	36	0								
822200 - Vote by Mail Reporting	912	236	25.88		127	67	38	0								
822200 - Election Day Reporting	912	153	16.78		72	36	43	0								
823000 - Vote by Mail Reporting	1033	264	25.58		155	51	47	0								
823000 - Election Day Reporting	1033	149	14.42		74	27	47	0								
823100 - Vote by Mail Reporting	1011	232	22.95		137	48	38	0								
823100 - Election Day Reporting	1011	168	16.62		110	21	35	0								
823200 - Vote by Mail Reporting	1600	332	20.75		222	66	32	0								
823200 - Election Day Reporting	1600	305	19.06		212	39	49	0								
823400 - Vote by Mail Reporting	973	278	28.37		159	50	52	2								
823400 - Election Day Reporting	973	110	11.31		49	28	33	0								
823500 - Vote by Mail Reporting	781	198	25.10		110	54	30	0								
823500 - Election Day Reporting	781	113	14.47		58	28	20	0								
823510 - Vote by Mail Reporting	1038	282	27.17		187	60	25	0								
823510 - Election Day Reporting	1038	158	15.03		88	32	34	0								
823600 - Vote by Mail Reporting	1412	328	23.23		222	58	45	0								
823600 - Election Day Reporting	1412	163	11.54		81	48	33	0								
823810 - Vote by Mail Reporting	784	209	26.68		139	40	27	0								
823810 - Election Day Reporting	784	91	11.61		54	22	12	0								
823700 - Vote by Mail Reporting	1375	328	23.85		181	94	43	0								
823700 - Election Day Reporting	1375	172	12.51		75	48	45	0								
823710 - Vote by Mail Reporting	722	159	22.02		99	35	16	0								
823710 - Election Day Reporting	722	75	10.39		38	21	14	0								
823720 - Vote by Mail Reporting	898	230	25.61		114	58	45	0								
823720 - Election Day Reporting	898	110	12.25		53	25	30	0								
823730 - Vote by Mail Reporting	1334	293	21.96		152	84	49	0								
823730 - Election Day Reporting	1334	175	13.12		87	42	43	0								
823800 - Vote by Mail Reporting	1243	340	27.35		165	107	53	0								
823800 - Election Day Reporting	1243	141	11.34		64	38	38	0								
823810 - Vote by Mail Reporting	900	253	28.11		140	66	37	0								

**ALAMEDA COUNTY Statement of Vote
PRESIDENTIAL PRIMARY ELECTION**

UNION SANITARY DISTRICT DIRECTOR, WARD 1													
	Registration	Ballots Cast	Turnout (%)	UNION SANITARY DISTRICT MANUEL "MANNY" FERNANDEZ	AMIT KUMAR SALWAN	Under Vote	Over Vote						
823810 - Election Day Reporting	900	124	13.78	65	33	27	0						
823900 - Vote by Mail Reporting	800	233	29.13	125	63	39	0						
823900 - Election Day Reporting	800	133	16.63	72	36	23	0						
9423810 - Vote by Mail Reporting	0	0	0.00	0	0	0	0						
9423810 - Election Day Reporting	0	0	0.00	0	0	0	0						
9821310 - Vote by Mail Reporting	47	19	40.43	13	4	0	0						
9821310 - Election Day Reporting	47	0	0.00	0	0	0	0						
9822020 - Vote by Mail Reporting	248	82	33.06	33	26	23	0						
9822020 - Election Day Reporting	248	3	1.21	1	1	1	0						
Vote by Mail Reporting Totals	34042	8842	25.97	5042	2147	1398	7						
Election Day Reporting Totals	34042	4588	13.48	2360	1126	1038	0						
District Totals - Absentee													
District Grand Totals													
15th Congressional District	34042	13430	39.45	7402	3273	2432	7						
10th State Senatorial District	34042	13430	39.45	7402	3273	2432	7						
20th Assembly District	34042	13430	39.45	7402	3273	2432	7						
2nd Dist, Board of Equalization	34042	13430	39.45	7402	3273	2432	7						
2nd Supervisorial District	34042	13430	39.45	7402	3273	2432	7						
ALAMEDA	34042	13430	39.45	7402	3273	2432	7						
City of Hayward	0	0	0.00	0	0	0	0						
City of Union City	34042	13430	39.45	7402	3273	2432	7						
Grand Totals	34042	13430	39.45	7402	3273	2432	7						



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: July 1, 2016

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Regina McEvoy, Assistant to the General Manager/Board Secretary
Karen Murphy, General Counsel

SUBJECT: Agenda Item No. 11 - Meeting of July 11, 2016
Election of Officers for the Board of Directors for FY 2017

Recommendation

It is recommended that the Board appoint and elect by motion the officers to serve as President, Vice President, and Secretary for Fiscal Year 2017, in accordance with the attached policy.

Background

The current policy was approved by the Board in March 2016, and designates the offices of President, Vice President, and Secretary. The policy states the Board shall annually elect by majority vote the President, Vice-President, and Secretary for one year terms.

Historically, the Board has followed a rotation of officers, where Vice President becomes President, Secretary becomes Vice President, and the 4th member in rotation becomes Secretary. At present, Director Handley is Vice President, Director Kite is Secretary, and Director Lathi is the 4th member in the rotation.

In accordance with Policy 3070, Board officers in office at the beginning of the meeting shall retain their positions until the adjournment of the meeting and newly elected Board officers will assume their duties immediately following the meeting.

Attachment: Board Policy 3070, Boardmember Officers and Committee Membership

Effective: 03/14/16	Boardmember Officers and Committee Membership	Policy Number 3070 Page 1 of 3
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Policy

Selection of Board Officers will be held annually at the first regular meeting in the month of July of each year. Internal Board committee memberships shall be established no later than the second regularly scheduled meeting in July of each year, following the selection of the Board Officers. External commissions/committees representatives shall be established no later than the first regularly scheduled meeting in May of each year.

Purpose

To provide a written record of the procedure approved by the Board for electing its Officers and establishing its committee memberships.

Procedure

Board Officers

1. The Officers are President, Vice President, and Secretary and the term of office shall be for one year.
2. The President shall preside over the meetings of the Board of Directors and be responsible for the following:
 - a. maintaining order and following the published agenda
 - b. ensuring Boardmembers are allowed to participate in discussions
 - c. allowing the public to speak on agenda items
 - d. facilitating dialog among the public, staff, and Boardmembers
 - e. appointment of members of the Board of Directors to Committee assignments
 - f. signing resolutions, ordinances, and construction contracts on behalf of the District
 - g. representing the Board of Directors on issues or at events as designated by the full Board

The Vice President shall fulfill the duties of the President when the President is absent or otherwise unavailable.

The Secretary shall ensure the recording of the minutes of the Board of Directors meetings and sign the adopted Minutes, shall sign all Resolutions and Ordinances passed by the District, and shall serve as Vice President when the Vice President is absent or otherwise unavailable. If the President and Vice President are both absent, and a quorum is present, the Secretary shall preside over the meetings of the Board of Directors as the Board President.

3. At the first regularly scheduled Board meeting in July, or as soon thereafter as the item can be agendaized at a regular Board meeting, the Board shall appoint its Board Officers. During election years, the newly elected Boardmembers shall be sworn in as the first item of business on the agenda followed immediately by the selection of the Board Officers. During non-election years, the selection of the Board Officers shall be considered after the last motion item on the agenda. The Board shall elect the President, Vice-President and Secretary for one year terms. The election or removal of the President, Vice-President or Secretary shall require a majority vote of the Board. The Board may choose to follow a rotation of officers.

The Board officers in office at the beginning of the meeting shall retain their positions until the adjournment of the meeting and the newly selected Board Officers shall assume their duties immediately following this meeting.

Internal Board Committee Memberships

1. Internal committees are: Budget and Finance; Construction; Legal/Community Affairs; Legislative; Personnel; and Audit Committee. There is no fixed schedule for meetings set by this policy and appointments are made by the President, as set forth below. Notwithstanding the above, meetings are noticed and open to the public.
2. Annually, following the election of Board officers, and at the same meeting as the election of the officers, Directors shall be provided a list of the internal committees along with an internal committee interest form. The internal committee interest form shall be completed in order of preference and provided to the General Manager, or designee, no later than 11 calendar days in advance of the next Board meeting.
3. The President is delegated the authority to appoint Directors to the internal committees. The President shall make every effort to rotate committee assignments and ensure a similar number of committee assignments for each Board member. Notice of internal committee membership appointments will be contained in an information item to the Board at the next regularly scheduled meeting following the selection of the Board Officers. The determination of the Board President on committee assignments shall be considered final.
4. Ad Hoc committees are called as needed by a majority vote of the Board of Directors.

External Commissions / Committee Representatives (CCR)

1. External commissions/committees include: the EBDA Commission; the Joint Powers Authority for Geographic Information Systems; the Alameda County Water District Finance Authority (ACWDFA); and the Alameda County Chapter of the California Special Districts Association.

2. Membership on the EBDA Commission shall be a maximum of two consecutive years, with a possible three years in exceptional circumstances if approved by the Board.
3. The Board of Directors will elect the representatives for the External Committees no later than the first regularly scheduled Board meeting in May of each year in order to ensure that the representatives may be seated for the first meeting of the new committee or commission. At the prior meeting, Directors shall be provided a list of the external committees along with an external committee interest form. The external committee interest form shall be completed in order of preference and provided to the General Manager, or designee, no later than 11 calendar days in advance of the meeting. The committee interests shall be compiled in a staff report by the General Manager, or designee, and provided to the Board for consideration. The Board shall elect the CCRs for one year terms or as otherwise decided by the Board majority. The election or removal of CCRs shall require a majority vote of the Board.

Management Responsibility

The General Manager will be responsible for scheduling on the Board agenda, the election or appointment of Board officers and external commissions, pursuant to the schedule shown above. The General Manager, or designee, will provide the following to the new President, with copies to the Board: (1) a list of the last ten years and current committee memberships; (2) a copy of this policy; and (3) a list of internal committee interests. In consultation with the Board President, the General Manager will also be responsible for scheduling on the Board agenda the announcement of committee appointments.

Supersedes Policy Dated: July 2004, September 2005, January 2008, September 2010, October 2013

Approved by: Board of Directors March 14, 2016
Reviewers: General Manager, Board of Directors, District's attorney
Notify Person: General Manager
Review frequency: Every 3 years
Next Review: March 2019

**UNION SANITARY DISTRICT
CHECK REGISTER
06/18/2016-07/17/2016**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161408	6/23/2016	6040	DW NICHOLSON CORP	MCC & PLC REPLACEMENT - PHASE 3	\$123,476.96	\$696,153.99
	6/23/2016	6052		PLANT FACILITIES IMPROVEMENTS	\$232,649.97	
	6/23/2016	6012		HIGH SPEED AERATION BLOWER	\$340,027.06	
161419	6/23/2016	800394.22	GSE CONSTRUCTION CO INC	THICKENER CONTROL BLDG IMPROV PHASE II	\$300,189.55	\$420,565.95
	6/23/2016	800466.01		DIFFUSER REPLACEMENT AERATION BASIN TANK #5	\$120,376.40	
161555	6/30/2016	15412	SAK CONSTRUCTION LLC	ALVARADO-NILES ROAD SS REHABILITATION	\$206,140.21	\$206,140.21
161501	6/30/2016	5379789	FISHER SCIENTIFIC	ICAP 7400 DUO FULL MFC & PARTS	\$81,653.77	\$81,653.77
161443	6/23/2016	170120160608	PACIFIC GAS AND ELECTRIC	SERV TO 05/19/16 PLANT	\$77,545.53	\$77,545.53
161569	6/30/2016	30104046	SYNAGRO WEST LLC	MAY 2016 BIOSOLIDS DISPOSAL	\$74,744.46	\$74,744.46
161517	6/30/2016	12605	HYDRO INTERNATIONAL WASTEWATER	WEST DEGRITTER OVERHAUL PARTS	\$28,722.28	\$57,444.56
	6/30/2016	12604		EAST DEGRITTER OVERHAUL PARTS	\$28,722.28	
161402	6/23/2016	201303525	COVELLO GROUP INC	THICKENER CONROL BUILDING IMPROVEMENTS PHASE II	\$48,293.24	\$54,371.24
	6/23/2016	20150233		FREMONT & PASEO PADRE LS IMPROVEMENTS	\$4,602.00	
	6/23/2016	201300833		COGENERATION PROJECT	\$1,476.00	
161562	6/30/2016	121796	SHAPE INCORPORATED	1 FLYGT PUMP	\$51,821.00	\$51,821.00
161541	6/30/2016	1056281	POLYDYNE INC	45,340 LBS CLARIFLOC C-6267	\$39,799.45	\$43,947.55
	6/30/2016	1052177		41,900 LBS CLARIFLOC WE-539	\$4,148.10	

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161461	6/23/2016	2029742	WEST YOST ASSOCIATES	PINE STREET EASEMENT	\$1,592.50	\$25,894.00
	6/23/2016	2029743		NEWARK BACKYARD SS RELOCATION - PHASE 3	\$5,860.40	
	6/23/2016	2029744		SLUDGE DEGRITTER SYSTEM	\$10,422.60	
	6/23/2016	2029745		PLANT FACILITIES IMPROVEMENTS	\$2,350.00	
	6/23/2016	2029920		ALVARADO-NILES ROAD SS REHABILITATION	\$4,807.50	
	6/23/2016	2029741		NEWARK BACKYARD SS RELOCATION - PHASE 3	\$861.00	
161485	6/30/2016	1866	CDW GOVERNMENT LLC	FY16 NETWORK R&R	\$154.00	\$24,889.75
	6/30/2016	1731		1 WYSE THIN CLIENT EVALUATION	\$614.90	
	6/30/2016	2215		FY16 NETWORK R&R	\$12,766.11	
	6/30/2016	9882		1 CISCO IE200 LAN BASE LICENSE	\$195.00	
	6/30/2016	9804		ASTD RSA TOKENS FOR MOBILE PROJECT	\$1,550.30	
	6/30/2016	3963		FY16 NETWORK R&R	\$9,609.44	

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161573	6/30/2016	753243	UNIVAR USA INC	4,999 GALS SODIUM HYPOCHLORITE	\$2,260.60	\$22,455.40
	6/30/2016	750647		5,009 GALS SODIUM HYPOCHLORITE	\$2,265.12	
	6/30/2016	751912		5,001 GALS SODIUM HYPOCHLORITE	\$2,261.50	
	6/30/2016	751795		4,800 GALS SODIUM HYPOCHLORITE	\$2,170.61	
	6/30/2016	750933		5,002 GALS SODIUM HYPOCHLORITE	\$2,261.95	
	6/30/2016	751184		5,010 GALS SODIUM HYPOCHLORITE	\$2,265.58	
	6/30/2016	750646		5,009 GALS SODIUM HYPOCHLORITE	\$2,265.12	
	6/30/2016	752544		4,955 GALS SODIUM HYPOCHLORITE	\$2,240.70	
	6/30/2016	752678		4,862 GALS SODIUM HYPOCHLORITE	\$2,198.64	
	6/30/2016	753591		5,010 GALS SODIUM HYPOCHLORITE	\$2,265.58	
161440	6/23/2016	103458	MUNIQIP, LLC	ASTD PARTS & MATERIALS - IPS PUMP 2 OVERHAUL 2016	\$20,471.23	\$20,471.23
161498	6/30/2016	902662457	EVOQUA WATER TECHNOLOGIES	41,360 LBS HYDROGEN PEROXIDE	\$19,290.30	\$19,290.30
161493	6/30/2016	XJXR36JX4	DELL MARKETING LP C/O DELL USA	10 FY16 Q4 DESKTOPS	\$15,770.07	\$18,999.96
	6/30/2016	XJXR55N66		10 FY16 Q4 DESKTOP MONITORS	\$3,229.89	
161534	6/30/2016	103490	MUNIQIP, LLC	MISSION MH MONITORS	\$17,242.21	\$17,242.21
161420	6/23/2016	800394.22E	GSE CONSTRUCTION CO INC	THICKENER CONTROL BLDG IMPROV PHASE II - ESCROW PYMT	\$15,799.45	\$15,799.45
161525	6/30/2016	20591	MCGUIRE & HESTER	NEWARK BACKYARD SS RELOCATION - PHASE 3	\$15,675.00	\$15,675.00

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161464	6/30/2016	65851	3T EQUIPMENT COMPANY INC	10 PIPEPATCH KIT - WINTER	\$5,643.00	\$15,244.45
	6/30/2016	65920		3 PIPEPATCH KIT - WINTER	\$3,268.74	
	6/30/2016	65828		12 PIPEPATCH KIT - WINTER	\$6,332.71	
161452	6/23/2016	21804	RMC WATER AND ENVIRONMENT	NPDES PERMIT ASSISTANCE FOR HAYWARD MARSH	\$14,343.99	\$14,343.99
161559	6/30/2016	3085948	SC FUELS	6,447 GALS UNLEADED REGULAR GASOLINE	\$14,336.73	\$14,336.73
161411	6/23/2016	111530	FOLGER GRAPHICS	PRINT AND MAIL 2016 NEWSLETTER	\$13,557.28	\$13,557.28
161425	6/23/2016	12587	HYDRO INTERNATIONAL WASTEWATER	DEGRITTER BELT	\$13,352.59	\$13,352.59
161414	6/23/2016	229806	CITY OF FREMONT	SACGISA	\$12,293.01	\$12,293.01
161393	6/23/2016	29192	CALIFORNIA WATER TECHNOLOGIES	41,380 LBS FERROUS CHLORIDE	\$4,645.57	\$9,711.28
	6/23/2016	29155		44,060 LBS FERROUS CHLORIDE	\$5,065.71	
161460	6/23/2016	36718	WECO INDUSTRIES LLC	120 GALS SANAFOAM VAPOROOTER II	\$8,011.03	\$9,491.10
	6/23/2016	36654		ASTD PARTS & MATERIALS	\$1,480.07	
161446	6/23/2016	8057688	PILLSBURY WINTHROP SHAW PITTMAN	LABOR & EMPLOYMENT LAW FEES	\$8,394.00	\$8,394.00
161412	6/23/2016	235605	FRANK A OLSEN COMPANY	5 PUMP ROOM 1 SLUDGE PUMP CHECK VALVES	\$8,248.11	\$8,248.11
161521	6/30/2016	132651	KNAPP POLLY PIG INC	1 PIG	\$8,057.34	\$8,057.34
161459	6/23/2016	5786	VON EUW TRUCKING	23.25 HRS DUMP FEES & 141.53 TONS 3/4 CLASS II AB	\$6,898.04	\$6,898.04
161457	6/23/2016	748851	UNIVAR USA INC	4,800 GALS SODIUM HYPOCHLORITE	\$2,170.61	\$6,670.56
	6/23/2016	749216		4,999 GALS SODIUM HYPOCHLORITE	\$2,260.60	
	6/23/2016	749234		4,952 GALS SODIUM HYPOCHLORITE	\$2,239.35	

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161388	6/23/2016	51656	BEECHER ENGINEERING	MCC & PLC REPLACEMENT - PHASE 3	\$5,040.00	\$6,230.00
	6/23/2016	51653		STANDBY POWER SYSTEM UPGRADE	\$1,190.00	
161507	6/30/2016	9116739542	GRAINGER INC	ASTD PARTS & MATERIALS	\$35.35	\$5,715.43
	6/30/2016	9142716381		ASTD PARTS & MATERIALS	\$1,553.33	
	6/30/2016	9146445326		ASTD PARTS & MATERIALS	\$2,575.14	
	6/30/2016	9128802189		1 AIR COMPRESSOR	\$302.51	
	6/30/2016	9142716373		24 PR LEATHER DRIVERS GLOVES	\$117.21	
	6/30/2016	9127058643		1 EA TRAY CABLE, SHIELDED	\$222.30	
	6/30/2016	9127058635		2 EA FACESHIELDS	\$18.26	
	6/30/2016	9122405005		ASTD PARTS & MATERIALS	\$891.33	
161467	6/30/2016	1502	ALAMEDA COUNTY TREASURER	DEVELOPMENT & FACILITATION OF ET RETREAT	\$5,367.50	
161384	6/23/2016	1195	AUTOMATED NETWORK CONTROLS	HIGH SPEED AERATION BLOWER	\$5,124.76	
161471	6/30/2016	15311	ALLIED FLUID PRODUCTS CORP	ASTD PARTS & MATERIALS	\$4,843.80	\$4,843.80
161482	6/30/2016	29181	CALIFORNIA WATER TECHNOLOGIES	43,080 LBS FERROUS CHLORIDE	\$4,830.59	\$4,830.59
161449	6/23/2016	160531	PROSAFE	40 HRS INSPECTIONS & 4 HRS SPCC INSPECTIONS	\$4,400.00	\$4,400.00
161508	6/30/2016	1183986	GROENIGER AND COMPANY	ASTD PARTS & MATERIALS	\$3,465.56	\$4,258.26
	6/30/2016	1184234		6 ASTD INSIDE GRIPPER MECH PLUGS	\$323.46	
	6/30/2016	1184015		42 FEET PIPE	\$469.24	
161511	6/30/2016	31727	HARRIS & ASSOCIATES	NEWARK BACKYARD SS RELOCATION - PHASE 3	\$4,255.00	\$4,255.00

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161576	6/30/2016	36832	WECO INDUSTRIES LLC	1 WEEK TRAILER JETTER RENTAL	\$1,250.00	\$3,488.14
	6/30/2016	36719		REPAIR OF CAMERA	\$727.76	
	6/30/2016	36777		ASTD PARTS & MATERIALS	\$1,510.38	
161477	6/30/2016	7458	AUTOZONE DEVELOPMENT	REFUND # 19021	\$3,300.00	\$3,300.00
161561	6/30/2016	8102	SH & SH INTERNATIONAL LLC	REFUND # 19028	\$3,300.00	\$3,300.00
161572	6/30/2016	8371	CITY OF UNION CITY	REFUND # 19024	\$3,300.00	\$3,300.00
161543	6/30/2016	1867801	PULLTARPS MFG	1 SUPER SHIELD PULLTARP & 1 TARP WITH FLAPS	\$1,428.52	\$3,253.43
	6/30/2016	1868141		1 OPEN BUNKER SYSTEM & 1 VINYL TARP	\$1,824.91	
161492	6/30/2016	265878	CURTIS & TOMPKINS, LTD	25 LAB SAMPLE ANALYSIS	\$890.00	\$3,245.00
	6/30/2016	266256		5 LAB SAMPLE ANALYSIS	\$505.00	
	6/30/2016	265997		2 LAB SAMPLE ANALYSIS	\$90.00	
	6/30/2016	266028		25 LAB SAMPLE ANALYSIS	\$605.00	
	6/30/2016	266273		70 LAB SAMPLE ANALYSIS	\$1,155.00	
161423	6/23/2016	3J6073	HARRINGTON INDUSTRIAL PLASTICS	100 FEET HOSE	\$418.00	\$3,242.32
	6/23/2016	3J6022		1 EA PUMP	\$1,336.12	
	6/23/2016	3J6072		ASTD PARTS & MATERIALS	\$603.49	
	6/23/2016	3J5995		250 FEET OF TUBING	\$884.71	
161530	6/30/2016	602161	MISSION RUBBER COMPANY LLC	50 EA ASTD CLAY FITTINGS	\$3,226.87	\$3,226.87
161538	6/30/2016	816515	PACHECO BROTHERS GARDENING INC	WEED ABATEMENT AT IPS	\$2,940.00	\$2,940.00

**UNION SANITARY DISTRICT
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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161512	6/30/2016	28267017009	HERTZ EQUIPMENT RENTAL	MIX TANK RENTAL 5/11 TO 6/08/16	\$2,926.00	\$2,926.00
161418	6/23/2016	9108709610	GRAINGER INC	ASTD PARTS & MATERIALS	\$1,465.55	\$2,806.04
	6/23/2016	9114551170		ASTD PARTS & MATERIALS	\$18.28	
	6/23/2016	9108998627		1 EA SUPPLY VENTILATOR	\$996.71	
	6/23/2016	9114226401		2 EA AIR SAFETY VALVES	\$18.59	
	6/23/2016	9114226393		1 EA FLOWMETER	\$306.91	
161539	6/30/2016	32711	PACIFIC PLUMBING & SEWER SERV	WASHER INSTALLATION & MODIFY CABINET & COUNTER	\$2,610.00	\$2,610.00
161428	6/23/2016	8242	K HOVNIANIAN HOMES	REFUND # 19011	\$2,500.00	\$2,500.00
161444	6/23/2016	75512228	PACIFIC GAS AND ELECTRIC	PLANT SHUTDOWN 6/24/16	\$2,500.00	\$2,500.00
161487	6/30/2016	37725	CLAREMONT BEHAVIORAL SERVICES	HARASSMENT PREVENTION TRAINING	\$2,500.00	\$2,500.00
161496	6/30/2016	7956	ENDVRCORP	REFUND # 19037	\$2,500.00	\$2,500.00
161514	6/30/2016	8227	D R HORTON	REFUND # 19046	\$2,500.00	\$2,500.00
161540	6/30/2016	16135	PACIFIC WATER RESOURCES	1 PUMP SHAFT WITH KEYS & 1 SHAFT SLEEVE	\$2,334.04	\$2,334.04
161439	6/23/2016	24864800	MOTION INDUSTRIES INC	2 DOUBLE LIP SEALS	\$41.93	\$2,325.36
	6/23/2016	24864780		2 EA BALL BEARINGS	\$1,672.55	
	6/23/2016	24864645		1 EA ROLLER BEARING	\$483.56	
	6/23/2016	24864837		1 SHAFT	\$127.32	
161475	6/30/2016	20160628	PAMELA ARENDS-KING	EXP REIMB: SAFETY STRATEGY & 4TH QUARTER EMP REC GIFT CARC	\$2,305.83	\$2,305.83

**UNION SANITARY DISTRICT
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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161442	6/23/2016	XCTZO1D	PACHECO BROTHERS GARDENING INC	WEED ABATEMENT WORK JUNE 2016	\$915.00	\$2,280.00
	6/23/2016	XCTZO1C		LANDSCAPE MAINTENANCE SERVICES JUNE 2016	\$1,365.00	
161575	6/30/2016	8045263464	VWR INTERNATIONAL LLC	ASTD LAB SUPPLIES	\$353.98	\$2,200.71
	6/30/2016	8045122328		3 PKS VIAL COD DIGESTION HR	\$604.26	
	6/30/2016	8045299423		2 IONIC STRENGTH ADJUSTOR 32OZ	\$68.75	
	6/30/2016	8045283740		3 BUFFER PH7 & 2 BUFFER PH 10CC	\$96.36	
	6/30/2016	8045137383		2 PKS TUBE HYDROGEN SULFIDE DETECTOR	\$146.08	
	6/30/2016	8045235635		2 CS CONTAINER 8OZ NO LID & 1 BUFFER PH 4.01 32OZ	\$259.55	
	6/30/2016	8045137382		1 BUFFER PH 6.86 1GAL	\$32.30	
	6/30/2016	8045105177		2 PKS VIAL COD DIGESTION LR	\$436.61	
	6/30/2016	8045246961		2 CS CAP SNAP LID ONLY NS	\$202.82	
161432	6/23/2016	129822	LANDTEC NORTH AMERICA INC	COGEN GEM 5000 CALIBRATION	\$2,133.55	\$2,133.55
161533	6/30/2016	8447	MR. ROOTER PLUMBING	REFUND # 19036	\$1,000.00	\$2,000.00
	6/30/2016	8438		REFUND # 19025	\$1,000.00	
161392	6/23/2016	628468	BRENNTAG PACIFIC, INC.	3846 LBS SODIUM HYDROXIDE	\$1,986.40	\$1,986.40
161570	6/30/2016	21611	TANNER PACIFIC INC	ALVARADO-NILES ROAD SS REHABILITATION	\$1,900.00	\$1,900.00
161472	6/30/2016	20160501	AMAZON.COM LLC	05/16 - ASTD OFFICE SUPPLIES	\$1,850.13	\$1,850.13
161397	6/23/2016	18113	CLI-METRICS SERVICE COMPANY	SERVICE REQUEST: BLDGS 70, 82 & 83	\$1,496.32	\$1,802.96
	6/23/2016	18168		PREVENTATIVE MAINTENANCE (QUARTERLY)	\$306.64	

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161484	6/30/2016	358748	CALTROL INC	4 PRESSURE GAUGES	\$1,746.19	\$1,746.19
161434	6/23/2016	12823	LOOKINGPOINT INC	MONTHLY PREMIER SERVICE - JUNE 2016	\$500.00	\$1,725.00
	6/23/2016	12841		ANNUAL SUPPORT FOR PHONE AND NETWORK -MAY 2016	\$1,225.00	
161522	6/30/2016	21028674	LABOR READY	TEMP LABOR-PERRY R., WK END 06/10/16	\$1,008.78	\$1,669.71
	6/30/2016	21023128		TEMP LABOR-PERRY R., WK END 06/03/16	\$660.93	
161532	6/30/2016	24865088	MOTION INDUSTRIES INC	1 EA ROLLER BEARING	\$456.67	\$1,659.02
	6/30/2016	24864471		10 EA LUBRICANT	\$659.13	
	6/30/2016	248665318		2 EA CHARGING VALVE FOR ACCUMALATOR	\$523.80	
	6/30/2016	24865126		1 EA SEAL KIT	\$19.42	
161403	6/23/2016	13850	CRANE WORKS INC	CENTRIFUGE BRIDGE CRANE LIMIT SWITCH	\$1,658.90	\$1,658.90
161536	6/30/2016	45955103	OFFICE TEAM	TEMP LABOR-PENALOSA, J., WKEND 06/03/16	\$798.40	\$1,646.70
	6/30/2016	45909215		TEMP LABOR-PENALOSA, J., WKEND 05/27/16	\$848.30	
161489	6/30/2016	55752	COKER PUMP AND EQUIPMENT	1 ECO-GEARCHEM PUMP	\$1,637.22	\$1,637.22
161463	6/23/2016	26258	WILEY PRICE & RADULOVICH LLP	LABOR & EMPLOYMENT LAW FEES	\$1,601.26	\$1,601.26
161437	6/23/2016	66469309	MCMASTER SUPPLY INC	1 STEP-UP/DOWN AC TO AC TRANSFORMER	\$202.31	\$1,592.57
	6/23/2016	65596357		4 EA LG-LIFE RECHARGE NO MAINT LARGE-CELL BATTERIES	\$200.36	
	6/23/2016	65868073		1 TURN-LOCK, THREE-BLAD FEMALE RECEPTACLE	\$23.26	
	6/23/2016	65629586		ASTD PARTS & MATERIALS	\$1,166.64	
161405	6/23/2016	20160525.25	DALE HARDWARE INC	05/16 - ASTD PARTS & MATERIALS	\$1,530.24	\$1,530.24

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161528	6/30/2016	66719978	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS		
					\$270.85	\$1,493.38
	6/30/2016	66753691		2 EA GAUGES	\$127.67	
	6/30/2016	67549215		ASTD PARTS & MATERIALS	\$1,094.86	
161509	6/30/2016	92725438	H & E EQUIPMENT SERVICES INC	BOOMLIFT RENTAL - 6/8/16	\$1,490.50	\$1,490.50
161560	6/30/2016	1822	SERVTECH	PLASMA DOOR SENSOR REPAIR	\$1,350.00	\$1,350.00
161427	6/23/2016	3950	IRON MOUNTAIN	OFF-SITE STORAGE AND SERVICE MAY 2016	\$313.14	\$1,321.21
	6/23/2016	3530		OFF-SITE STORAGE AND SERVICE MAY 2016	\$762.97	
	6/23/2016	200970556		DATA/MEDIA OFF-SITE STORAGE - MAY 2016	\$245.10	
161476	6/30/2016	3222022307	AT&T	SERV: 06/10/16 - 07/09/16	\$1,203.20	\$1,203.20
161557	6/30/2016	1721727003	SAN LEANDRO ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$30.67	\$1,171.24
	6/30/2016	1724321002		30 COND CLAMPS	\$238.38	
	6/30/2016	1724321001		ASTD PARTS & MATERIALS	\$902.19	
161497	6/30/2016	93142775	ESRI INC	ARCGIS PRO TRAINING - R. SCOBEE	\$1,130.00	\$1,130.00
161535	6/30/2016	69365	NOZZTEQ INC	15 LUMBER JACK 8" CUTTING CHAINS	\$1,120.00	\$1,120.00
161550	6/30/2016	21952	RMC WATER AND ENVIRONMENT	ALVARADO TREATMENT PLANT SITE USE STUDY	\$1,106.49	\$1,106.49
161430	6/23/2016	20978992	LABOR READY	TEMP LABOR-PERRY R., WK END 05/27/16	\$1,066.76	\$1,066.76
161473	6/30/2016	553468	A-PRO PEST CONTROL INC	JUN PEST CONTROL	\$1,005.00	\$1,005.00
161564	6/30/2016	4868173061616	SIERRA SPRING WATER COMPANY	WATER SERVICE 05/20/16 - 06/16/16	\$765.63	\$1,004.63
	6/30/2016	8122768061616		BOTTLESS COOLERS RENTAL	\$239.00	

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161553	6/30/2016	7620397702	RS HUGHES CO INC	12 PRS GLOVE NEOPRENE SZ X LRG	\$63.09	\$992.93
	6/30/2016	7623302000		ASTD PPE & SAFETY SUPPLIES	\$648.41	
	6/30/2016	7620397701		ASTD PPE & SAFETY SUPPLIES	\$281.43	
161415	6/23/2016	20160621	ROSLYN FULLER	TRAVEL REIMB: PRIMA CONF - MEALS/LODGING/CAR/MILEAGE/PARKIN	\$990.93	\$990.93
161398	6/23/2016	20160528	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$975.20	\$975.20
161454	6/23/2016	792637250	TELEPACIFIC COMMUNICATIONS	WIRELESS INTERNET BACKUP - JUNE 2016	\$960.00	\$960.00
161381	6/23/2016	9936858179	AIRGAS NCN	CYLINDER RENTAL	\$947.07	\$947.07
161433	6/23/2016	3614	LATITUDE GEOGRAPHICS GROUP LTD	GEOCORTEX IMPLEMENTATION	\$937.25	\$937.25
161504	6/30/2016	1083800352	G&K SERVICES CO	ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$36.64	\$883.41
	6/30/2016	93846331		15 PR COVERALLS	\$601.15	
	6/30/2016	1083800350		UNIFORM LAUNDERING & RUGS	\$245.62	
161513	6/30/2016	602118481	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$855.83	\$855.83
161526	6/30/2016	20591R	MCGUIRE & HESTER	NEWARK BACKYARD SS RELOCATION - PHASE 3 - ESCROW PYMT	\$825.00	\$825.00

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161480	6/30/2016	11331060	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$69.03	\$813.12
	6/30/2016	11337000		ASTD OFFICE SUPPLIES	\$22.24	
	6/30/2016	11320680		ASTD OFFICE SUPPLIES	\$80.69	
	6/30/2016	11342590		ASTD OFFICE SUPPLIES	\$25.29	
	6/30/2016	11342550		ASTD OFFICE SUPPLIES	\$93.24	
	6/30/2016	11331270		ASTD OFFICE SUPPLIES	\$31.33	
	6/30/2016	11323770		ASTD OFFICE SUPPLIES	\$100.44	
	6/30/2016	11339940		ASTD OFFICE SUPPLIES	\$11.48	
	6/30/2016	11341590		ASTD OFFICE SUPPLIES	\$16.48	
	6/30/2016	11321930		ASTD OFFICE SUPPLIES	\$36.28	
	6/30/2016	11332790		1 DZ SHARPIES	\$9.19	
	6/30/2016	11333650		ASTD OFFICE SUPPLIES	\$32.98	
	6/30/2016	11322270		2 PK POST-IT FLAGS	\$10.98	
	6/30/2016	11321630		ASTD OFFICE SUPPLIES	\$273.47	
161510	6/30/2016	1687856	HANSON AGGREGATES INC	10.77 TONS 1/2 MED TYPE A AC-R	\$810.15	\$810.15
161490	6/30/2016	83744	CONCRETE WALL SAWING CO INC	CORE DRILLING & GPR SCANNING	\$800.00	\$800.00
161441	6/23/2016	45859180	OFFICE TEAM	TEMP LABOR-PENALOSA, J., WKEND 05/20/16	\$798.40	\$798.40
161502	6/30/2016	9812	FREMONT EXPRESS COURIER SVC	COURIER SERVICES: MAY 2016 DAILY MAIL/2 BOARDMEMBER DELIVER	\$795.00	\$795.00

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161542	6/30/2016	244132	PRESTIGE LENS LAB	SAFETY GLASSES - HOVEY	\$301.13	\$761.03
	6/30/2016	244099		SAFETY GLASSES - SEPULVEDA	\$248.56	
	6/30/2016	244134		SAFETY GLASSES - HERNANDEZ	\$211.34	
161520	6/30/2016	2066	KEN GRADY CO INC	1 EA COMBUSTIBLE GAS SENSOR	\$742.51	\$742.51
161474	6/30/2016	20160628.2	ROLLIE ARBOLANTE	EXP REIMB: CUSTOMER SERVICE TEAM 3RD Q SAFETY RECOGNITION	\$250.00	\$730.00
	6/30/2016	20160628.1		EXP REIMB: PARTY SUPPLIES & GIFT - A. BUNYI RETIREMENT EVENT	\$280.00	
	6/30/2016	20160628.3		EXP REIMB: CUSTOMER SERVICE TEAM 4TH Q SAFETY RECOGNITION	\$200.00	
161426	6/23/2016	515149	INSTRUMART	1 IPS PH PROBE	\$713.74	\$713.74
161416	6/23/2016	1083798462	G&K SERVICES CO	ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$33.70	\$703.78
	6/23/2016	1083798461		UNIFORM LAUNDERING SERVICE	\$403.01	
	6/23/2016	1083798460		UNIFORM LAUNDERING & RUGS	\$267.07	
161551	6/30/2016	1268317	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$689.03	\$689.03
161387	6/23/2016	5469838	BAY AREA NEWS GROUP EAST BAY	CREDIT FOR ORDER 0005469838	\$-170.00	\$662.00
	6/23/2016	973396		AD: TRI CITY INDUSTRIES	\$832.00	
161465	6/30/2016	9052105345	AIRGAS NCN	1 CYL ACETYLENE	\$50.46	\$652.81
	6/30/2016	9052199089		ASTD PARTS & MATERIALS	\$602.35	
161578	6/30/2016	3627731	WESTERN ENERGY SYSTEMS	36 O-RINGS & 12 SEALINGS	\$651.67	\$651.67
161396	6/23/2016	37711	CLAREMONT BEHAVIORAL SERVICES	JUL 2016 EAP PREMIUM	\$648.60	\$648.60
161399	6/23/2016	83757	CONCRETE WALL SAWING CO INC	CORE DRILLING	\$625.00	\$625.00

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161580	6/30/2016	84834227	XEROX CORPORATION	MTHLY MAINTENANCE BASED ON USE		
					\$480.96	\$609.06
	6/30/2016	84834228		MTHLY MAINTENANCE BASED ON USE	\$17.08	
	6/30/2016	84834230		MTHLY MAINTENANCE BASED ON USE	\$87.58	
	6/30/2016	84938382		MTHLY MAINTENANCE BASED ON USE	\$23.44	
161438	6/23/2016	160646	METROMOBILE COMMUNICATIONS INC	ANNUAL RADIO SERVICE - JUNE 2016	\$582.75	\$582.75
161451	6/23/2016	8200000009650	RED WING SHOE STORE	SAFETY SHOES - FORTNER, CHAPARRO & RIVERA	\$577.03	\$577.03
161456	6/23/2016	6980	TURNER RISK CONSULTING INC	CONFINED SPACE & FALL PROTECTION TRAINING - TATAKAMOTONGA	\$550.00	\$550.00
161445	6/23/2016	20160616	PETTY CASH	PETTY CASH REPLENISHMENT	\$501.84	\$501.84
161390	6/23/2016	8174	BODHI TREE RESIDENTIAL	REFUND # 19006	\$500.00	\$500.00
161431	6/23/2016	8354	LALO'S SEWER & DRAIN	REFUND # 19007	\$500.00	\$500.00
161450	6/23/2016	7771	R & B EQUIPMENT	REFUND # 19012	\$500.00	\$500.00
161478	6/30/2016	6650	SONA RUPA BASRA	REFUND # 19038	\$500.00	\$500.00
161486	6/30/2016	7982	RICHARD CHEN	REFUND # 19031	\$500.00	\$500.00
161495	6/30/2016	8437	E Z PLUMBING	REFUND # 19044	\$500.00	\$500.00
161499	6/30/2016	8201	EXPRESS PLUMBING	REFUND # 19026	\$500.00	\$500.00
161503	6/30/2016	8139	FRESH AIR MECHANICAL	REFUND # 19029	\$500.00	\$500.00
161545	6/30/2016	8107	NARAYANA RAO RAVAVARAPU	REFUND # 19030	\$500.00	\$500.00
161552	6/30/2016	8377	ROOTER HERO	REFUND # 19035	\$500.00	\$500.00
161556	6/30/2016	8175	SHANIMA SALWAN	REFUND # 19027	\$500.00	\$500.00

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161558	6/30/2016	8362	SANACT INC DBA ROTO-ROOTER	REFUND # 19045	\$500.00	\$500.00
161563	6/30/2016	7877	MARY SHEN	REFUND # 19042	\$500.00	\$500.00
161566	6/30/2016	8442	SOLUTION PLUMBING & DRAIN SERV	REFUND # 19047	\$500.00	\$500.00
161567	6/30/2016	8379	RAN SONG	REFUND # 19043	\$500.00	\$500.00
161579	6/30/2016	2114962001	WHCI PLUMBING SUPPLY CO	1 CONTROL MODULE ASSY	\$203.11	\$496.65
	6/30/2016	2110430003		1 JUNC BOX	\$114.16	
	6/30/2016	2119822001		1 BATT RETRO KIT SIDE-MOUNT (CLST & URINAL)	\$179.38	
161568	6/30/2016	34114	STARLINE SUPPLY COMPANY	10 CS COMPOSTABLE UTENSILS	\$491.90	\$491.90
161518	6/30/2016	1034608	INDUSTRIAL SAFETY SUPPLY	ASTD CALIBRATION GAS	\$483.75	\$483.75
161391	6/23/2016	102	SUZANNE BONTEMPO	OUR WATER OUR WORLD IPM ASSOCIATE	\$473.20	\$473.20
161524	6/30/2016	20160624	SCOTT MARTIN	EXP REIMB: TEAM SAFETY RECOGNITION EVENT	\$470.00	\$470.00
161481	6/30/2016	20160629	LAURIE BRENNER	EXP REIMB: AIRFARE TO NEW ORLEANS - WEFTEC SEPT 2016	\$461.97	\$461.97
161422	6/23/2016	1684236	HANSON AGGREGATES INC	6.05 TONS 1/2 MED TYPE A AC-R	\$458.70	\$458.70
161469	6/30/2016	20160629	ALAMEDA COUNTY WATER DISTRICT	PINE STREET EASEMENT	\$430.00	\$430.00
161395	6/23/2016	54898	CITYLEAF INC	PLANT MAINTENANCE - JUN 2016	\$420.23	\$420.23
161546	6/30/2016	8200000009705	RED WING SHOE STORE	SAFETY SHOES - COUTO & HOVEY	\$368.71	\$368.71
161470	6/30/2016	5141449	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$367.60	\$367.60

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161554	6/30/2016	2802362004	S & S SUPPLIES & SOLUTIONS	ASTD SAFETY SUPPLIES	\$-14.00	\$366.08
	6/30/2016	2802362005		60 PRS AZTEC BROWN SAFETY GLASSES	\$148.50	
	6/30/2016	2802362002		11 PRS AZTEC BROWN SAFETY GLASSES	\$27.23	
	6/30/2016	2802362003		ASTD SAFETY SUPPLIES	\$-173.00	
	6/30/2016	2802362001		ASTD SAFETY SUPPLIES	\$377.35	
161488	6/30/2016	35833	CLASSIC GRAPHICS	9 DECALS	\$354.68	\$354.68
161455	6/23/2016	180667216	TRENCH PLATE RENTAL COMPANY	28 DAYS TRENCH PLATE & EYEBOLT RENTAL	\$350.00	\$350.00
161537	6/30/2016	8468843	OVIVO USA LLC	ASTD CLARIFIER PARTS	\$335.91	\$335.91
161447	6/23/2016	20160621	JOHN POWELL	EXP REIMB: 2 CWEA GRADE II TEST FEES	\$335.00	\$335.00
161448	6/23/2016	122015	PREFERRED ALLIANCE INC	MAY 2016 SERVICE FEE	\$327.20	\$327.20
161529	6/30/2016	989282	MIL-RAM TECHNOLOGY, INC	COGEN GAS SKID H2S METER 2 REPAIR	\$293.00	\$293.00
161386	6/23/2016	20160615	IRMA REGINA BASTIAN	TUITION REIMBURSEMENT SPRING SEMESTER 2016	\$289.57	\$289.57
161400	6/23/2016	4104	CONSTRUCTION ZONE LLC, THE	100 PAVEMENT MARKERS	\$271.15	\$271.15
161519	6/30/2016	113258	INTERNATIONAL PAINT LLC	ASTD PAINT SUPPLIES	\$270.09	\$270.09
161574	6/30/2016	20160629	AUDREY VILLANUEVA	EXP REIMB: IAC LUNCH MEETING	\$249.23	\$249.23
161401	6/23/2016	17613014087	CORIX WATER PRODUCTS INC	ASTD BY-PASS PARTS	\$242.38	\$242.38
161577	6/30/2016	20160627	WEF-WATER ENVIRONMENT FEDERATI	WEF MEMBERSHIP M FORTNER	\$235.00	\$235.00
161417	6/23/2016	20160620	MOHAMMAD GHOURY	EXP REIMB: AIRFARE FOR ESRI USER CONF - SAN DIEGO	\$221.96	\$221.96
161505	6/30/2016	1083800351	G&K SERVICES CO	UNIFORM LAUNDERING SERVICE	\$200.70	\$200.70

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161479	6/30/2016	19097700	BECK'S SHOES	SAFETY SHOES: B. MEDEIROS	\$195.44	\$195.44
161544	6/30/2016	20160006	QUICK SPACE RENTALS	GUARD BOOTH RENTAL JUNE 2016	\$192.50	\$192.50
161462	6/23/2016	12755	WESTERN MACHINE & FAB INC	1 SST FLANGE DRILL & TAP	\$185.00	\$185.00
161409	6/23/2016	90078794119	ENTERPRISE GOV 43-1514861	RENTAL: P. NELSON,CLEVELAND, OH	\$180.90	\$180.90
161523	6/30/2016	20160628	DUNG LU	EXP REIMB: MEALS, FUEL, TIPS - THERMOGRAPHIC TRNG - ORE	\$174.55	\$174.55
161494	6/30/2016	20160628	ANDREW DUPLER	EXP REIMB: FOOD - A. BUNYI RETIREMENT EVENT	\$170.00	\$170.00
161394	6/23/2016	8040	CDW DIRECT, LLC	1 PLC46 MCC PHASE 3 SWITCH	\$169.00	\$169.00
161547	6/30/2016	2169	RED WING SHOE STORE	SAFETY SHOES - CARDENAS	\$168.26	\$168.26
161413	6/23/2016	18408	FREMONT RECYCLING & TRANSFER	1.68 TON GREEN WASTE	\$144.85	\$144.85
161531	6/30/2016	20160628	MICHAEL MOSLEY	EXP REIMB: MEALS, FUEL, TIPS - THERMOGRAPHIC TRNG - ORE	\$137.72	\$137.72
161407	6/23/2016	20160620	MICHAEL DUNNING	EXP REIMB: EC TEAM RECOGNITION	\$121.71	\$121.71
161466	6/30/2016	20160428.9	ENGINEERING FAIR - 2016 ALAMEDA COU	ACSEF AWARD, JUNIOR - TEACHER AWARD	\$100.00	\$100.00
161468	6/30/2016	1401	ALAMEDA COUNTY TREASURER	33 ASSESSOR'S MAPS	\$99.00	\$99.00
161548	6/30/2016	81467	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE JULY 2016	\$97.90	\$97.90
161424	6/23/2016	602097607	HILLYARD/SAN FRANCISCO	1 CA CHINET PAPER PLATES	\$97.09	\$97.09
161383	6/23/2016	635800120160531	AT&T	SERV: 05/01/16 - 05/31/16	\$90.08	\$90.08
161385	6/23/2016	92785	BARNETT MEDICAL SERVICES LLC	70 LBS PHARMACEUTICAL WASTE REMOVAL	\$85.00	\$85.00
161491	6/30/2016	4257	CONSTRUCTION ZONE LLC, THE	CLASS 3 SAFETY CLOTHING	\$78.56	\$78.56
161571	6/30/2016	20160621	EDWARD TATOLA	EXP REIMB: MEALS, MILEAGE JENBACHER	\$76.60	\$76.60

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161436	6/23/2016	100350	MCINERNEY & DILLON, P.C.	LEGAL SERVICES - PINE STREET EASEMENT	\$72.00	\$72.00
161565	6/30/2016	20160627	THOMAS SOLARI	EXP REIMB: MILEAGE FOR CALL OUT	\$65.33	\$65.33
161549	6/30/2016	298269	RKI INSTRUMENTS INC	2 SENSOR RETAINER & 2 SENSOR COVER RETAINER	\$62.70	\$62.70
161429	6/23/2016	20160623	KATHLEEN KING	EXP REIMB: SNACKS FOR QAI & MILEAGE FOR SEMINAR	\$59.92	\$59.92
161453	6/23/2016	20160620	DUSTIN STRASBURG	EXP REIMB: MILEAGE FOR CALL OUT	\$57.78	\$57.78
161406	6/23/2016	615320160618	DISH NETWORK	JUL 2016 - SERVICE FEE	\$50.89	\$50.89
161382	6/23/2016	4047286120160606	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 06/03/16 - PASEO PADRE	\$45.37	\$45.37
161404	6/23/2016	2880832	DAILY JOURNAL CORPORATION	AD NAME: ORDINANCE PUBLICATION	\$41.25	\$41.25
161389	6/23/2016	11311930	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$51.38	\$39.91
	6/23/2016	11314300		ASTD OFFICE SUPPLIES	\$17.13	
	6/23/2016	11312550		1 WRINGER BUCKET	\$219.99	
	6/23/2016	11305830C		CREDIT 1 TONER	\$-248.59	
161421	6/23/2016	262580	HANIGAN COMPANY INC	1 BOX BUSINESS CARDS - TERRAZAS	\$39.70	\$39.70
161435	6/23/2016	77813375	MATHESON TRI-GAS INC	MONTHLY CYLINDER RENTAL - MAY 2016	\$35.12	\$35.12
161506	6/30/2016	20160627	BRUCE GALLEG0 JR.	EXP REIMB: LIVESCAN - PRE-EMPLOYMENT BACKGROUND CK	\$35.00	\$35.00
161483	6/30/2016	170534	STATE OF CALIFORNIA	1 NEW HIRE FINGERPRINTS	\$32.00	\$32.00
161458	6/23/2016	9766234871	VERIZON WIRELESS	WIRELESS SERV 05/02/16-06/01/16	\$26.72	\$26.72
161515	6/30/2016	5617524	HOSE & FITTINGS ETC	ASTD PARTS & MATERIALS	\$8.52	\$24.96
	6/30/2016	5616843		ASTD PARTS & MATERIALS	\$16.44	

**UNION SANITARY DISTRICT
CHECK REGISTER
06/18/2016-07/17/2016**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161410	6/23/2016	165629	EXAMINETICS	2 HEARING TEST SUBMITTED DATA	\$24.75	\$24.75
161516	6/30/2016	529189	HULBERT LUMBER SUPPLY	ASTD LUMBER SUPPLIES	\$12.78	\$12.78
161527	6/30/2016	136489	MCIVORS HARDWARE	1 EA NOZZLE	\$7.65	\$7.65
161500	6/30/2016	1114433	FASTENAL	ASTD PARTS & MATERIALS	\$1.73	\$1.73

Invoices:

Credit Memos :	4	-605.59
\$0 - \$1,000 :	204	68,587.46
\$1,000 - \$10,000 :	90	260,300.30
\$10,000 - \$100,000 :	21	626,622.58
Over \$100,000 :	6	1,322,860.15
Total:	325	2,277,764.90

Checks:

\$0 - \$1,000 :	109	42,849.52
\$1,000 - \$10,000 :	66	206,681.77
\$10,000 - \$100,000 :	22	705,373.46
Over \$100,000 :	3	1,322,860.15
Total:	200	2,277,764.90



Summary of the EBDA Commission Meeting

Thursday, June 16, 2016, at 9:30 a.m.

Prepared by: P. Eldredge

- Commissioners Dias, Handley, Johnson, Prola, and Peixoto were present.
- The Consent Calendar was approved unanimously and included the Commission Meeting Minutes, List of Disbursements, and Treasurer's Report.
- The Commission unanimously approved the reports from the General Manager, Managers Advisory, Financial Management, Regulatory Affairs, Operations & Maintenance, and Personnel committees. The following items were discussed:
- **General Managers Report** - The General Manager discussed the 2015/16 EBDA Balanced Scorecard. The principle categories discussed were: 1) Permit Compliance, 2) Operational Optimization and Resiliency, 3) Infrastructure Stability, and 4) Financial Viability. Over the years, the amount of flow through the EBDA system has declined. Member agencies toxicity limits are in compliance with permit requirements. The use of peristaltic pumps has lowered EBDA's sodium bisulfite use from 1,200 tons to 700 tons, a decrease of about 40%. Electricity use is about 10% of EBDA's budget with OLEPS having the highest kilowatt hours. Staff is collaborating with Union Sanitary District staff to evaluate electric use at the AEPS. David Stoops uses EBDA's Asset Management tool to assess capital projects each year.
- **Managers Advisory Committee (MAC)** met with the General Manager on June 15, 2016 and discussed utility strategies and the RRF spending for 2016/17. The MAC also discussed the Senate Bill 163 Wastewater treatment: recycled water. CASA opposes the bill in its current form and suggests it be amended to allow agencies to set goals that are reasonable for individual agencies.
- **Financial Management Committee** approved the May list of disbursements and Treasurer's Report at the meeting of June 14, 2016. The Committee reviewed the proposed Asset Management Plan / RRF Schedule for FY 2016/17. Member agencies contribution will remain at \$450,000 this coming year. The Committee suggested staff develop a 5-10 year capital plan for future expenditures to improve planning. The Committee recommends full Commission approval of resolutions approving the Fiscal Year 2016/17 RRF spending and issuing a purchase order to Univar USA, Inc. for sodium bisulfite.
- **Regulatory Affairs Committee** met on June 15, 2016 and discussed permit compliance. The General Manager discussed a San Francisco Chronicle article on sea level rise that showed the importance of wetlands strategies for our member agencies. The Committee also reviewed the BACWA study on nutrient upgrade alternatives for its members.

- **Operations and Maintenance (O&M) Committee** met on June 13, 2016, and was updated on EBDA's performance. Superintendent of O&M David Stoops discussed Asset Management Plan / Renewal and Replacement Fund (RRF) Schedule for Fiscal Year 2016/2017. The major expenditure in the FY 2016/17 schedule is for the HEPS Motor Control Center replacement, which will likely carry over the next two fiscal years. The underground storage tank replacement project will be another priority in this RRF schedule. The SLEPS effluent pumps are scheduled to be inspected and refurbished if necessary and EBDA will continue the force main manhole coating project. The Committee expressed its support of the funding resolutions for the R&R Fund Schedule for FY 2016/17, a purchase order to Univar for \$175,000, and Amendment No. 3 to the Brown and Caldwell agreement.

David Stoops will revise the Risk Profile to include labor costs. Commissioner Handley suggested the risk profile be present in two tables in the future: 1) vertical assets (pump stations) and 2) transport system and outfall pipe.

- **Personnel Committee** met on June 13, 2016 and discussed staff performance during Fiscal Year 2015/16. The Committee also discussed the General Manager evaluation for the period of July 1, 2015 through June 30, 2016.
- **Motion to Accept Committee Appointments and Calendar for FY 2016/17** - The Commissioner Prola requested that the Financial Management Committee meet at 10:30 a.m. instead of 8:30 a.m. Tuesday. The Committee members agreed to the adjusted schedule for FY 2016/17.

The motion to accept the Committee appointments and revised calendar for FY 2016/17 was introduced by Commissioner Prola. The motion was seconded by Commissioner Johnson and carried unanimously, 5-0.

- **Closed Session** – The Commission met in closed session pursuant to Government Code Section 54957(b)(1) to discuss an annual review of the General Manager's performance and staff compensation. No reportable action was taken by the Commission in closed session on staff compensation.

The one reportable action taken in closed session was that the Commission reviewed the performance of the General Manager. The Commission agreed that the General Manager had met the goals set for the General Manager's performance and accordingly approved a cost-of-living adjustment per the General Manager's employment contract.

The Commission passed the following:

- Resolution Approving Asset Management Plan / Renewal and Replacement Fund Schedule for Fiscal Year 2016/2017 - The resolution was corrected for the annual contribution of \$450,000 to FY 2016/2017. Commissioner Peixoto moved for the approval of the amended resolution for asset management plan spending in fiscal year 2016/17. The motion was seconded by Commissioner Prola and carried unanimously, 5-0.

Ayes: Commissioners Handley, Johnson, Prola, Peixoto, and Chair Dias

Noes: None
Absent: None
Abstain: None

- Resolution Authorizing the General Manager to Issue a Purchase Order to Univar USA, Inc. for Sodium Bisulfite 25% Solution in FY 2016/2017 in an Amount Not to Exceed \$175,000 Without Prior Commission Approval - Commissioner Handley moved for the approval of the resolution authorizing a purchase order to Univar USA, Inc. for fiscal year 2016/17 in the amount of \$175,000. The motion was seconded by Commissioner Johnson and carried unanimously, 5-0.

Ayes: Commissioners Handley, Johnson, Prola, Peixoto, and Chair Dias
Noes: None
Absent: None
Abstain: None

- Resolution Approving Amendment No. 3 to the Engineering Services Agreement with Brown and Caldwell to Provide Engineering Assistance for the Transport System Condition Assessment (Phase 2A) Not to Exceed \$110,000 Without Prior Commission Approval - The Committee suggested that the resolution be amended to describe the transport system. Commissioner Peixoto moved for the approval the revised resolution for Amendment No. 3 to the Brown and Caldwell contract in the amount of \$110,000. The motion was seconded by Commissioner Prola and carried unanimously, 5-0.

Ayes: Commissioners Handley, Johnson, Prola, Peixoto, and Chair Dias
Noes: None
Absent: None
Abstain: None

- Resolution of Appreciation for Roland J. Dias - Commissioner Handley introduced the resolution of appreciation for Commissioner Dias. The motion was seconded by Commissioner Johnson and was adopted by a vote of 4-0, with Chair Dias abstaining.

Ayes: Commissioners Handley, Johnson, Prola, and Peixoto
Noes: None
Absent: None
Abstain: Chair Dias

- Resolution of Appreciation for Thomas R. Handley - Commissioner Johnson introduced the resolution of appreciation for Commissioner Handley. The motion was seconded by Commissioner Prola and was adopted by a vote of 4-0, with Commissioner Handley abstaining.

Ayes: Commissioners Johnson, Prola, Peixoto, and Chair Dias
Noes: None
Absent: None
Abstain: Commissioner Handley

EAST BAY TIMES

Accepting 'new normal' for water brings new challenges

By Alexander R. Coate and Jerry D. Brown

June 19, 2016

Droughts happen. And every one teaches us new habits and shows us new challenges. Droughts remind us that water is precious.

We write this on behalf of 10 member agencies of the Bay Area Water Agencies Coalition who serve more than 6.3 million Bay Area residents and thousands of businesses in Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma and Solano counties.

We thank our customers for their exceptional response to this drought and their tremendous conservation actions.

We also know they will maintain these water-wise habits for years — reducing demands on future supplies. Is conservation here to stay? Count on it.

These are not just waterwise habits. Our customers have taken permanent water efficiency actions: upgrades in appliances and irrigation systems, replacement of turf, repair of leaks.

In just the last two years alone, customer rebates for high-efficiency toilets, efficient clothes washers, and lawn replacements will save 831 million gallons per year of drinking water for Bay Area communities.

These permanent savings are not a new trend. Our local water agencies have active conservation programs that have been in place for decades.

Our rebate programs, home water-wise evaluations and audits, and lawn replacement programs were in place and ready for when dry years arrived.

We have been advancing water efficiency, water-wise habits, and leak detection in various forms for years. With this recent drought, we are learning new lessons that will help us advance our programs and maintain the water savings our customers have achieved.

As we look ahead and consider new state directives, improved snowpack and water-supply conditions, and the possibility of returning dry conditions, we want to thank Gov. Jerry Brown and the State Water Resources Control Board for recognizing that local water agencies know our customers, water supplies and challenges best.

Our water systems, many put in place 100 years ago or more, are incredibly reliable.

As we adapt to a “new normal,” we also must recognize challenges that lie ahead.

With successful conservation and water wise habits come reduced water sales, challenging revenue shortfalls and the need for cost efficiencies.

Water service is a capital-intensive business. With substantial fixed costs, achieving financial sustainability is key. Forgoing upkeep on the maintenance of the water systems that the Bay Area depends upon is not an option.

We also must pursue local and regional water supply reliability efforts, which include new infrastructure, recycled water projects and development of other alternative water supplies.

Municipal water systems are amazing, complex operations that must be managed responsibly. Before a single drop of water is delivered to your tap, it has been collected and transported from its source, treated and tested, and traveled miles to get to your home or business.

The complex water treatment and delivery process is a responsibility entrusted to us by our customers, and we work to deliver that service to homes and businesses, with the fire protection and water quality you expect, 24 hours a day, 7 days a week.

We are proud of the service we provide, and we encourage you to learn how we deliver safe drinking water to your tap every day.

Thank you again to our customers, local leaders and the state. Together, we successfully made it through this dry period. Together, we will move forward with new habits learned, new efficiencies locked in, and a commitment to planning wisely for the future. *Alexander R. Coate is general manager of East Bay Municipal Utility District and Jerry D. Brown is general manager of the Contra Costa Water District. Also signing the piece were water managers Robert Shaver, Alameda County Water District; Nicole Sandkulla, Bay Area Water Supply and Conservation Agency; Joy Eldredge, city of Napa; Krishna Kumar, Marin Municipal Water District; Harlan L. Kelly Jr., San Francisco Public Utilities Commission; Grant Davis, Sonoma County Water Agency; Roland Sanford, Solano County Water Agency; and Jill Duerig, Zone 7 Water Agency.*



For Immediate Release

Contact: **Brooke Sobol**
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June 20, 2016

CASA, Coalition Stop Bill to Ban Ocean Discharging

The California Association of Sanitation Agencies (CASA), along with a coalition of associations and agencies involved in water recycling has successfully lobbied to stop SB 163 (Hertzberg). The bill, if passed, would have required the State Water Board to develop regulations to require ocean and bay dischargers to recycle at least 50% of their treated wastewater by January 1, 2033.

The bill was considered during a hearing of the Assembly Environmental Safety and Toxic Materials Committee on June 14. In response to opposition, Senator Hertzberg offered amendments that had not yet been made publicly available for review. Due to questions and concerns voiced from CASA and other groups, the bill was continued to a second, special hearing scheduled for June 21.

Today, Senator Hertzberg requested to cancel the second hearing, therefore the bill is no longer moving through the legislature.

CASA and other organizations opposed the bill for a number of important reasons: a statewide mandate would be expected to cost local public agencies tens of billions of dollars; most of which would be borne by local ratepayers. Additionally, the coalition argued that a statewide mandate is not a feasible, practical, or efficient method to promote water recycling because it fails to account for significant regional and watershed differences. Finally, the coalition noted that such an initiative is premature in light of pending regulatory processes and recent steps taken toward meeting recycled water goals.

Groups joining CASA in opposition to the bill included Watereuse, the Association of California Water Agencies, California Municipal Utilities Association, and several individual CASA member agencies.

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For 60 years, the California Association of Sanitation Agencies has been the leading voice for public wastewater agencies on regulatory, legislative and legal issues. Working alongside our member agencies, we influence decisions affecting the recycling of wastewater into usable water,

energy, and other valuable resources. Through these efforts we help create a clean and sustainable environment for Californians.

EAST BAY TIMES

Bill targets ‘mom and pop’ operations

Tiny water districts on way out?

Proposed legislation would make it harder to create new agencies

June 20, 2016

By Paul Rogers

progers@bayareanewsgroup.com

California’s drought has revealed that when it comes to water, not every community is equal. Large urban areas, from the Bay Area to Los Angeles, asked residents to conserve, raised rates to buy water from other places and generally have gotten by without much inconvenience, other than brown lawns and shorter showers.

But communities served by smaller systems, from farm towns to forest hamlets — often lacking money, expertise and modern equipment — have struggled and, in some cases, nearly run out of water entirely.

Now, a bill by a Bay Area state lawmaker aims to slow the spread of little “mom and pop” water providers by making it very difficult to create new ones.

The problem, says state Sen. Bob Wieckowski, D-Fremont, is that California has 7,642 water systems. Some serve only campgrounds, prisons or schools. Of the ones in communities with full-time residents, 63 percent have 200 or fewer connections.

Many have no permanent employees. Some own only one well and have leaky, aging pipes and tanks. State records show they have far more health violations than large city water districts, involving everything from arsenic to bacteria levels in drinking water.

“We see a proliferation of these small districts, some with 100 homes, 200 homes, even 15 homes,” Wieckowski said. “Some of them are just putting in a well and saying, ‘this is a water district’ without the money or the technical expertise to operate it.”

Current law

Under current law, in much of California anyone can create a private company or a new public agency to set up a water system with a vote from local officials, such as the county.

Wieckowski’s bill, Senate Bill 1263, would require applicants instead to identify other water agencies within 3 miles, then meet with those agencies, and write a report comparing how much it would cost residents to simply connect to the existing, larger

water system rather than creating a new one. Every new system would need a permit from the State Water Resources Control Board in Sacramento.

“There’s no rhyme or reason now,” he said. “We need to be more efficient.”

The bill, which passed the Senate 21-14 last month, also requires a study of how a new system’s supply would hold up over 20 years, including in droughts.

But the debate, pitting environmentalists against business interests, is raising questions about whether bigger is better, and how much local control matters.

Opponents include the California Chamber of Commerce, California Building Industry Association and Association of California Water Agencies. They note that it’s often developers who need to create new water systems, particularly if they can’t work out agreements with existing ones.

“In its current form, the bill would set up an openended bureaucratic process that could make it more expensive to build new homes and developments,” said Valerie Nera, a lobbyist with the California Chamber of Commerce.

Supporters cite a 2015 state water board report that showed systems with under 200 connections accounted for 69 percent of all arsenic violations in the state, 94 percent of nitrate violations and 92 percent of bacteria violations.

“Some of these smaller agencies are not able to provide people with clean water,” said Kathryn Phillips, director of Sierra Club California. “We’ve seen a lot of that happening in the San Joaquin Valley, and we want to make sure that doesn’t happen again. This provides more oversight.”

But others say having larger agencies provide water gives locals less say over rates and rules.

“We’ve seen what happens with consolidation of smaller business into larger corporations. Sometimes you don’t have the same level of service, and you can fall through the cracks,” said Tyler Boswell, who works as an operator for seven small water systems in the mountains between Los Gatos and the Santa Cruz County line.

Running out

In 2014, as the drought worsened, Boswell watched as Aldercroft Heights, a small community near Lexington Reservoir whose water system serves 350 people, was told by San Jose Water Co., which serves 1 million people, that it might run out of water. The reason: San Jose Water was going to stop releases of water from Lake Elsmán, which empties into Los Gatos Creek, the main source of water for Aldercroft Heights. The tiny community dug a well, put in strict conservation rates and got by when natural springs continued to feed the creek. Other small areas had an even rougher time.

Lompico, a community of 480 people east of Boulder Creek in the Santa Cruz Mountains, saw its wells drying up in 2014.

“It was pretty bad. We were running out of water,” said Merrie Schaller, a former member of the Lompico Water District board. “We have old redwood tanks. Everything leaks. We had to tell people, ‘Don’t use water unless you have to.’ Nobody could grow a garden.”

The district, founded generations ago when the area was a collection of summer vacation cabins, raised rates and got a grant from the state to build an emergency pipeline connecting it with the larger San Lorenzo Valley Water District. A vote to merge with that district failed by one vote, but then passed on a later vote, and took effect this month.

“A lot of it is emotional,” she said. “People here said it was cool to have our own water district. They thought nobody gets to tell us what to do. But the state tells us what to do. Everybody has to meet the public health standards, and it’s not cheap.”

Research: California Years Away From Making Drought Recovery

June 21, 2016 1:09 PM

FRESNO, Calif. (AP) – It could take California four years to recover from the most severe drought on record, even if the next several winters bring above-normal snowfall to the Sierra Nevada, researchers said Tuesday releasing a study.

One winter of El Nino storms that delivered a near-normal snowfall wasn't enough to make up for the deficit from four consecutive dry years in the Sierra, a critical water supply statewide, the study says.

The lack of snow forces water suppliers and farmers to draw heavily on reservoirs, groundwater and other sources, said Steve Margulis, a civil and environmental engineering professor at the University of California, Los Angeles who led the study.

“The deficit we have is so large it is very, very unlikely to recover in one year,” he said.

Snow typically falls each winter in the Sierra and melts during the warm months, rushing down streams and rivers into reservoirs. It provides critical water supplies to millions of residents and vast farmland in the nation's leading agricultural state.

Consecutive dry years are common in California, but this drought – now entering a fifth year – is the most severe in the last 1,200 years, according to studies cited in the research.

California recovered in as little as one year from past droughts, such as one in 1977, but this one is exceptional, said Margulis, publishing the findings in the *Geophysical Research Letters*, a journal of the American Geophysical Union.

In the study, researchers combined three decades of NASA satellite imagery taken of the Sierra snowpack with state snowpack measurements collected since 1951.

Today, California's snowpack is at 8 percent of normal for this time of year, according to the state Department of Water Resources figures.

The study is designed to help leaders chart water policy. Last year, state regulators imposed historic cutbacks on farms and cities. Restrictions on residents were recently relaxed, allowing local water districts to set their own conservation efforts.

“It is critical for regions like California, that rely on their regional snowpack for water supply, to understand the dynamics of the system,” Margulis said.

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JUNE 27, 2016 6:00 AM

Sacramento region to California: We've got plenty of water

By Phillip Reese and Ryan Sabalow
preese@sacbee.com

The Sacramento region's largest water districts have given a resounding answer to the question of whether they could handle three more years of drought: We have plenty of water.

The State Water Resources Control Board last month asked California's urban water districts to evaluate how much water they would need in the next three years if drought persisted – and whether their supplies would meet that demand. Districts that certify their supplies are adequate will not face mandatory water-use cuts. Those with inadequate supplies must set conservation goals proportional to their anticipated shortfall.

The new localized approach to water conservation in California is a sharp reversal from last year, when a “we're all in this together” ethos led the state to demand mandatory water-use cuts of more than 28 percent throughout most of the Sacramento region compared with 2013.

Each of the 10 largest districts in the Sacramento region told the state last week that their water supplies are healthy and there is no need to impose mandatory percentage-based cuts again this year. Some districts reported large surpluses, contending they could withstand multiple years of drought without running out of water. Others reported a surplus but said that they would ask for voluntary conservation from customers. The city of Sacramento reported adequate supplies but nonetheless will maintain a two-day-a-week outdoor watering schedule and has set a water-use reduction target of 20 percent compared with 2013.

Several large districts in Southern California, which received far less precipitation this winter and remain dependent on imported water, also reported having ample supplies to withstand three more years of drought. Earlier this month, the Metropolitan Water District of Southern California, a mammoth wholesaler serving 19 million people, told its contractors that it had adequate supplies for the next three

years. The Los Angeles Department of Water and Power and the San Diego County Water Authority also reported they had passed the state's so-called drought stress test.

Under the state's newly relaxed conservation rules, California's 400 urban water districts were to submit an analysis of their supply conditions and conservation outlook by last Wednesday. The water board won't publish the responses until next month. The Sacramento Bee asked a number of individual districts across the region and California for copies of their submissions.

Water board chairwoman Felicia Marcus said Friday that, without analyzing the submissions, it's too early to say whether California is looking at a widespread retreat from last year's conservation efforts. Under the state's 2015 mandates, cities and suburbs cut usage nearly 25 percent statewide compared with 2013.

"We'll have a problem if people step back and say, 'Water your lawn with wild abandon,' " she said. "But I suspect it's going to be a more complex story. I think we're going to take a little while to see what this means."

Environmentalists interviewed said they saw troubling contradictions between the optimistic supply outlooks so many districts are reporting and the realities of the state's water situation. Forty percent of the state is in extreme or exceptional drought and the entire state is abnormally dry, according to the National Drought Mitigation Center.

Federal officials are struggling to come up with a plan for managing north-state reservoirs in a manner that ensures irrigation water for farms this summer, as well as cold, healthy flows for endangered fish species brought to the brink of extinction by the long drought. One of the plans under consideration could significantly deplete reservoirs, including Folsom Lake, a primary source of drinking water for the Sacramento region.

Noah Garrison, a water law expert and environmental scientist at the UCLA Institute of the Environment and Sustainability, said amid that uncertainty, as well as forecasts of a dry La Niña winter, it's unthinkable that districts would say they're in good shape.

"It's incredibly short-sighted," he said. "And it's emblematic of the way California has treated its problem over the past four or five years."

Water officials in the Sacramento region counter that they've asked ratepayers to spend millions in recent years on drought resiliency programs and that supplies were boosted by near-normal precipitation in Northern California. The state's two largest reservoirs have more water than average for this time of year. Eight of California's 12 major reservoirs are at depths that are at least 75 percent of normal. The region has ample groundwater.

Still, agency officials acknowledged that much of the state remains in drought, which means they're facing seemingly contradictory narratives: Tell their customers to keep conserving – while at the same time announcing that their water supplies are adequate to handle years of continued dry weather. The Placer County Water Agency offers an example of how that messaging challenge is playing out. It has spent years investing in reservoirs and pumping facilities. It has solid water contracts in the high Sierra that have come through even in the worst of the drought. Its reservoirs stand above normal levels.

So the agency reported a huge surplus to the state and recently lifted restrictions on outdoor watering. “We certainly have full supply,” said agency spokesman Ross Branch. “We have more than enough supply to meet our customer demands.”

But the agency will continue to offer rebates to customers pursuing conservation. It also will remind them that the drought is not over. “We certainly believe that using water efficiently is a good stewardship of the resource,” Branch said.

At the Los Angeles Department of Water and Power, a similar story is unfolding. Officials said they have enough water to withstand three more dry years, thanks to investments in supply capacity and extensive turf replacement rebates offered to customers. But they also want residents to continue to conserve.

“Staying on the path we are on will allow us to weather the next few years as we bring on more local water supplies and drive down our reliance on imported water,” senior assistant general manager Marty Adams said in a written statement. “In short, the zero percent requirement by the state goes hand-in-hand with the city’s reduced water demands and future water supply plans.”

Tim Quinn, executive director of the Association of California Water Agencies, said telling customers to conserve while acknowledging healthy water supplies is not a contradiction. The focus now, he said, should be on long-term savings.

“We’ve got the resources in place so that we are drought-prepared in no small part because of the sacrifices and the conservation and the local resource investments that we have been making in the past,” he said. “But this is not the time to let up on those things. This is the time to raise the bar. ... Climate change and other things are just going to make the challenge greater.”

Water board staff will spend the next two weeks reviewing the supply evaluations. Max Gomberg, the board’s climate and conservation manager, said staff likely would present their findings to the water board in early July.

Marcus, the water board chair, said several districts that have reported adequate water supplies have assured the board their customers would continue to conserve, even in the absence of mandatory cuts. Districts will be required to report monthly how much water customers use. The board could choose to be more aggressive if conservation stops.

“My hope is folks will keep conserving,” she said. “You don’t have to regulate everything.”



By: [Justin Worland](#)

June 27, 2016

But it's at risk of contamination from oil and gas drilling

Part of the solution to California's [demand for water](#) in the face of the state's [crippling drought](#) may lie 10,000 feet beneath the surface of the state's Central Valley. New [research](#) published in the journal *PNAS* suggests that the region's aquifers, areas deep underground where water can collect, have three times the usable groundwater as previously estimated.

"It's not often that you find a 'water windfall,' but we just did," said study author Robert Jackson, a professor at Stanford University, in a press release. "There's far more fresh water and usable water than we expected."

Researchers behind the study say their work underscores the need for state officials to monitor [oil and gas extraction that could contaminate](#) an important if untapped resource. Nearly a third of oil and gas drilling sites are located near groundwater reservoirs, threatening the health of the water, according to the study.

The ongoing [California drought](#) has led state officials to enact dramatic water conservation measures in hopes of preserving enough water to fuel the state's agriculture sector and provide for its nearly 40 million residents. And, while the new study offers a potential solution, extracting water from such depths would not be easy. Deep drilling is costly and much of the water would likely be brackish—or salty—and require the installation of desalination facilities.

"No one is monitoring deep aquifers," said study author Mary Kang, a Stanford researcher, in a press release. "We might need to use this water in a decade, so it's definitely worth protecting."



California Takes Regulatory Steps Toward DPR



By Sara Jerome
@sarmje

California is developing new regulations for wastewater that may permit direct potable reuse (DPR), expanding on the momentum of popular indirect reuse programs.

The effort comes amid the state's persistent drought. The U.S. Drought Monitor says no area of the state is completely rid of abnormally-dry conditions despite the repeal of conservation mandates in May.

Indirect potable reuse (IPR) is also getting a regulatory boost. The State Water Resources Control Board adopted new rules in June aiming to simplify regulations for water agencies pursuing these projects, according to KQED.

The new rules affirm recycled water "as a resource by permitting its use through water recycling requirements as opposed to waste discharge requirements," according to a release from the water board. "Adoption of the Order is one more step toward the goal of substituting as much recycled water for potable water as possible by 2030."

The board is expected to unveil new rules for DPR by the end of the year, according to KQED. Jennifer West, managing director of WaterReuse California, weighed in on how she expects that to look, per KQED:

By the end of December, the state water board will finalize regulations that will allow highly purified recycled water to be added to drinking water reservoirs. This added water must meet or exceed all drinking water standards. They are developing these regulations with the advice of an expert panel. Also by the end of the year, the board will release a report to the state legislature on the feasibility of developing statewide regulations on "direct potable reuse" or DPR. This is when the highly purified recycled water is placed directly into the drinking water supply, or directly upstream of a drinking water distribution system. These types of potable reuse projects have the potential to greatly expand the use of recycled water in California, well beyond what we are using today.

Once wary of "toilet-to-tap," Californians have shifted their opinion on recycled water amid years of record-breaking drought.

“Many water agencies over the past few years have rolled out small recycled water programs. These are mainly producing nonpotable water for outdoor irrigation, and have become popular with people who want to continue watering their gardens without impacting their water bills,” KQED said.

West, from WaterReuse California, says recycled water is already an important part of the supply in the state.

“There are lots of estimates out there in terms of how much recycled water can be developed. But we think that an additional 1.5 to 2.5 million acre-feet (1.9–3 billion cubic meters) is a pretty solid projection. That is a lot of water,” she said.

To read more about advances in water recycling visit [Water Online’s Water Reuse Solutions Center](#).

Civil grand jury: Consolidate sanitary districts

June 30, 2016, 05:00 AM Daily Journal staff report

The county's six independent sanitary districts need to consolidate operations and cover their costs with user fees rather than property taxes, according to a report released Wednesday by the San Mateo County Civil Grand Jury.

The report took particular exception to issues related to the districts' boards of directors. Although directors are publicly elected, the report finds that most elections are uncontested, voter turnout is low and there are no term limits.

The civil grand jury recommends establishing term limits, eliminating employment benefits for directors, educating the public on how the districts are governed and encouraging new candidates to run.

Although the civil grand jury found no evidence of fiscal corruption, it noted there are "many opportunities for overspending," because of inefficient operations and questionable management practices at the sanitary districts.

Its report states that the sewage systems themselves are aging yet there are insufficient plans for modernizing. The report predicts that users will face sharply rising rates as the need for upgrading becomes crucial.

There are 45 separate agencies in the county responsible for collecting and treating sewage.

The report studied the six special districts that have boards of directors elected by voters, five of which rely on countywide property taxes to subsidize their operations.

The districts studied were the Bayshore Sanitary District, East Palo Alto Sanitary District, Granada Community Services District, Montara Water and Sanitary District, Westborough Water District and West Bay Sanitary District.

Together, the districts serve 115,000 residents and cover small areas scattered along the northern coast and the Bay.

The civil grand jury is also recommending that the San Mateo County Local Agency Formation Commission initiate a service review of the Westborough Water District to examine whether its operations might be more efficient and effective if they were consolidated with another agency's operations.

The report notes that San Mateo County's sewer agencies experience more sewage overflows than urban neighbors such as San Jose and central Contra Costa County.

In addition, the independent sanitary districts are not prepared to handle emergencies such as earthquakes, floods or landslides that could affect their systems. The civil grand jury called on the six districts to develop plans for coordinating resources in the event of a large-scale event.

Go to sanmateocourt.org/grandjury to read the full report. - See more at:

<http://www.smdailyjournal.com/articles/news/2016-06-30/civil-grand-jury-consolidate-sanitary-districts/1776425164293.html#sthash.yutZYAbk.dpuf>



Thursday June 30, 2016

Will San Mateo begin converting wastewater into drinking water?

By Brendan P. Bartholomew on June 30, 2016 1:00 am

Big improvements are in store for San Mateo's sewage treatment facilities, including possibly turning wastewater into drinking water.

In the near term, the changes will result in cleaner wastewater flowing to the San Francisco Bay, and enable much of the city's car and truck fleet to be powered by energy reclaimed from waste.

The city's short-term goals also include turning wastewater into nonpotable "gray" water that will be used to irrigate landscaped medians and parks.

Long-term, however, city officials may even begin converting wastewater into safe, potable drinking water depending on the outcome of California's drought.

San Mateo's wastewater treatment plant is located east of U.S. Highway 101, and serves San Mateo and Foster City, as well as portions of Hillsborough, Belmont, the Crystal Springs Sanitation District and unincorporated San Mateo County.

The roughly \$23 million project includes upgrading the facility's computer control network, installing a new crane for improved safety and operations, replacing motor control centers, and replacing various filters, pumps, pipes, gates and valves.

The plant's ability to extract solid waste and convert it to compressed natural gas (CNG) is also getting a big boost with the addition of new refinery equipment and a CNG gas station for fueling city vehicles.

Some of the renovation and upgrade work is well under way, but the city held a groundbreaking ceremony Monday.

Councilwoman Maureen Freschet noted San Mateo had just 500 residents when it was incorporated in 1894, but the town still relies on some of the same wastewater infrastructure installed during that era, despite its population having grown to more than 102,000 residents.

Mayor Joe Goethals elicited laughs from the gathering of city officials and contractors when he joked that some of the equipment being replaced was older than City Manager Larry Patterson, who is 65 and has worked for the city since 2000.

Councilwoman Diane Papan also provoked chuckles when she quipped, “When I ran for office, my big slogan was, ‘I’m gonna make sewers sexy!’”

But when it comes to some decidedly un-sexy topics, Clean Water Program Manager Cathi Zammit said the city would need strong cooperation from residents.

Baby wipes and similar products for adults can create huge problems in sewer systems, and must be separated from wastewater before solid waste can be converted to CNG, Zammit said.

“Baby wipes are not biodegradable like they say they are,” the program manager noted.

Zammit explained baby wipes often clog the sewer lateral lines connecting homes to city sewers, forcing homeowners to pay thousands of dollars to repair pipes on their properties.

Zammit said the acronym “FOG,” for fats, oils and grease, can help residents remember what substances should not be poured down drains.

“Please don’t pour cooking oil or fat from steak down your drain,” Zammit said.

San Mateo Facilities and Fleet Services Manager David Fink said the plant’s increased ability to manufacture CNG from waste would play a key role in the city’s plan to rotate 75 percent of its nonemergency fleet to natural gas-powered vehicles over the next two years.

That means about 220 staff cars, along with Public Works and Parks and Recreation trucks, will have their carbon footprints reduced by running on CNG. But when it comes to emergency services, Fink noted police and fire officials tend to prefer to wait and see whether new vehicle technologies prove themselves in less critical applications.

The city, for instance, plans to have Police Chief Susan Manheimer trade in her unmarked Ford Taurus-based Police Interceptor for a CNG-powered Chevrolet Impala so she can determine whether its performance and reliability are adequate for police work.

The city expects its wastewater treatment plant upgrades to be completed by November 2018.

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