



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

Notice of Date Change

**REGULAR CLOSED SESSION MEETING
AND
REGULAR BUSINESS MEETING**

Wednesday, February 13, 2019

Notice is hereby given that the Regular Closed Session and Regular Business meetings of the Board of Directors have been rescheduled from Tuesday, February 12, 2019 to Wednesday, February 13, 2019. The Regular Closed Session meeting will be held at 11:00 am and the Regular Business meeting at 1:15 pm in the Administration Building Board Room, 375 - 11th Street, Oakland, California.

Dated: February 7, 2019



Rischa S. Cole

Secretary of the District



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

**AGENDA
Wednesday, February 13, 2019**

**REGULAR CLOSED SESSION
11:00 a.m., Boardroom**

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

ANNOUNCEMENT OF CLOSED SESSION AGENDA:

1. Existing litigation pursuant to Government Code section 54956.9(a):
 - a. *AMCO Insurance Company v. East Bay Municipal Utility District*
Contra Costa County Superior Court, Case No. MSC18-01846
 - b. *Timothy Alford, et al. v. East Bay Municipal Utility District, et al.*
Contra Costa County Superior Court, Case No. MSC16-01348
2. Significant exposure to litigation pursuant to Government Code section 54956.9(d)(2):
 - a. Town of Moraga
Claim No. 2017-L-290
 - b. William Strauss and Suzanne Strauss
Claim No. 2018-L-076
 - c. Waste Management of Alameda County, Inc.
Claim No. 2017-L-183-1

(The Board will hold Closed Session in Conference Room 8)

REGULAR BUSINESS MEETING
1:15 p.m., Boardroom

ROLL CALL:

BOARD OF DIRECTORS:

- Pledge of Allegiance
- Amend 2019 Board Committee Assignments
- Presentation of Past President Plaque

ANNOUNCEMENTS FROM CLOSED SESSION:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

CONSENT CALENDAR: (Single motion and vote approving 8 recommendations, including 1 resolution.)

1. Approve the Special and Regular Meeting Minutes of January 22, 2019.
2. File correspondence with the Board.
3. Authorize an agreement beginning on or after February 13, 2019 with Lettis Consultants International, Inc., in an amount not to exceed \$281,030 to provide engineering geology consulting services to support the Pardee Dam – Foothills Fault System Study.
4. Authorize an agreement beginning on or after February 13, 2019 with Schneider Electric Systems USA, Inc., in an amount not to exceed \$716,467 for supplying industrial control systems cybersecurity services for the District's Supervisory Control and Data Acquisition network for three years.
5. Authorize an agreement beginning on or after February 13, 2019 with Solutionwerks, Inc., in an amount not to exceed \$150,843 for turboexpander rebuild services for the Oxygen Production Plant (cryogenic facility) at the Main Wastewater Treatment Plant.
6. Authorize a cost-sharing agreement between EBMUD, Contra Costa Water District, and the San Luis & Delta-Mendota Water Authority in an amount not to exceed \$128,333 for the preparation of a revised Environmental Impact Statement/Environmental Impact Report for the Long-Term Water Transfer Program and potential litigation costs.
7. Authorize an amendment to the agreement with LEE & RO, Inc. to increase the agreement amount by \$55,000, to a total amount not to exceed \$121,000 for additional design services for the Demonstration Recharge, Extraction, and Aquifer Management Project.
8. Appoint Special Assistant IV (Manager of Public Affairs). (Resolution)

DETERMINATION AND DISCUSSION:

9. General Manager's Report:
- Delta Update
 - Customer Assistance Program Meetings with City of Oakland Councilmembers
 - Water Supply Update
 - Monthly Report – January 2019

REPORTS AND DIRECTOR COMMENTS:

10. Committee Reports:
- Finance/Administration
 - Planning
 - Legislative/Human Resources
11. Other Items for Future Consideration.
12. Director Comments.

ADJOURNMENT:

The next Regular Meeting of the Board of Directors will be held at 1:15 p.m. on Tuesday, February 26, 2019 in the Administration Center Boardroom, 375 Eleventh Street, Oakland, California.

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.

BOARD CALENDAR

Date	Meeting	Time/Location	Topics
Wednesday, February 13	Planning Committee Linney {Chair}; McIntosh; Patterson	9:00 a.m. Training Resource Center	<ul style="list-style-type: none"> • Private Sewer Lateral Ordinance Changes • Long-Term Water Transfer EIS/EIR Cost-Share Agreement Approval • Sobrante and Upper San Leandro Water Treatment Plants Control Systems Improvements Project Update • EBMUD Interagency Collaboration • Renewal of Mokelumne Aqueduct Routine Maintenance Agreements and Announcement of the Availability of the Mitigated Negative Declaration
	Legislative/Human Resources Committee Coleman {Chair}; Mellon; McIntosh	10:30 a.m. Training Resource Center	<ul style="list-style-type: none"> • Semi-Annual Update on District Values and Organizational Improvements Program
	Board of Directors	11:00 a.m. 1:15 p.m.	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
Monday, February 18	President's Day Holiday		<ul style="list-style-type: none"> • <i>District Offices Closed</i>
Tuesday, February 26	Sustainability/Energy Committee	TBD Training Resource Center	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
	Finance/Administration Committee	TBD Training Resource Center	
	Board of Directors	11:00 a.m. 1:15 p.m.	
Tuesday, March 12	Planning Committee	TBD Training Resource Center	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
	Legislative/Human Resources Committee	TBD Training Resource Center	
	Long-Term Water Supply Workshop	TBD Training Resource Center	
	Board of Directors	11:00 a.m. 1:15 p.m.	

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: February 13, 2019

MEMO TO: Board of Directors

FROM: Marguerite Young, President 

SUBJECT: Amend 2019 Board Committee Assignments

At its February 13, 2019 Regular meeting, the Board will be asked to amend the 2019 Board committee assignments to reflect that effective February 14, 2019, Director Mellon will be assigned to the Planning Committee and Director Patterson will be assigned to the Legislative/Human Resources Committee. All other committee assignments approved by the Board on January 22, 2019 remain the same.

Planning

Director Linney, Chair
Director McIntosh
Director Mellon

2nd Tuesday of the month at 9:15 a.m.
Administration Center Building
Training Resource Center, 2nd Floor

Legislative/Human Resources

Director Coleman, Chair
Director McIntosh
Director Patterson

2nd Tuesday of the month at 10:15 a.m.
Administration Center Building
Training Resource Center, 2nd Floor

Finance/Administration

Director Patterson, Chair
Director Coleman
Director Katz

4th Tuesday of the month at 10:00 a.m.
Administration Center Building
Training Resource Center, 2nd Floor

Sustainability/Energy

Director Linney, Chair
Director Katz
Director Mellon

4th Tuesday, quarterly, time to be determined
Administration Center Building
Training Resource Center, 2nd Floor

DSRSD/EBMUD Recycled

Water Authority (DERWA)

Director Coleman
Director Mellon
Director Linney, Alternate

1st Monday in Feb.;
3rd Monday in May;
4th Monday in March, July, Sept., and Nov.
(meetings at 6:00 p.m.)
Contact: Linda H. Hu, 287-1691

Freeport Regional Water Authority

Director Coleman
Director Patterson
Director Katz, Alternate

2nd Thursday, quarterly at 10:00 a.m. with locations to be announced

Retirement Board

Director Mellon
President Young

3rd Thursday odd numbered months at 8:30 a.m.
Administration Center Building
Training Resource Center, 2nd Floor

Upper Mokelumne River Watershed

Authority

Director Coleman
Director Patterson
Director Katz, Alternate
Director Linney, Alternate

4th Friday, quarterly at 1:30 p.m.
McLean Hall, Pardee Center

Business Forum (Ad Hoc)

Director Coleman
Director Katz
Director Patterson
Director Mellon, Alternate

Meeting dates, times, and location to be determined

EBMUD/EBRPD Liaison

Director Katz
Director Linney
Director Mellon, Alternate

Meeting dates, times, and location to be determined

Oakland Chamber of Commerce

Director Linney
Director Katz, Alternate
Director Patterson, Alternate

Special Districts Association of Alameda County/Special Districts Selection Committee

Director Mellon, Member
Director Katz, Alternate
Director Patterson, Alternate

Special Districts Association of Contra Costa County

Director McIntosh, Member
Director Mellon, Alternate
Director Coleman, Alternate

MY:rsc

MINUTES

Tuesday, January 22, 2019

**East Bay Municipal Utility District
Board of Directors
375 Eleventh Street
Oakland, California**

Special Meeting

President Marguerite Young called to order the Special Meeting of the Board of Directors at 8:17 a.m. in the Training Resource Center. The Board met in workshop session for Budget Workshop #1 for Fiscal Years (FY) 2020/2021.

ROLL CALL

Directors John A. Coleman, Doug Linney, Lesa R. McIntosh, Frank Mellon, William B. Patterson, and President Marguerite Young were present at roll call. Director Andy Katz arrived at 8:20 a.m.

Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Director of Finance Sophia D. Skoda, Manager of Customer and Community Services Andrew L. Lee, Special Assistant to the General Manager Douglas I. Wallace, Assistant to the General Manager Janetta M. Johnson, and Secretary of the District Rischa S. Cole.

DISCUSSION

- Filed with the Board was 1) a presentation entitled "FY20 & FY21 Budget Workshop #1," dated January 22, 2019; and 2) Mockup of proposed revisions to the EBMUD water bill.

Director of Finance Sophia D. Skoda presented an overview of the workshop topics which included a review of the District's long-term financial stability goals, trends in District budget revenue increases and California and District rate increases, preliminary projections for the FY20 and FY21 budget and rates, non-rate revenue, fiscal challenges based on projected revenues and projected cost pressures, water sales projections, a summary of the Wastewater System cost of service (COS) study, a hypothetical earthquake recovery scenario, an update on recent activities in the District's affordability programs for ratepayers, and proposed revisions to the customer water bill.

Ms. Skoda reported that FY20 and FY21 budget priorities will include ongoing planning for long-term financial stability and an increase in Water System capital spending to address the continued need to replace aging infrastructure including information technology infrastructure, rehabilitate water treatment plants and reservoirs, replace water distribution pipelines, and reline the Mokelumne Aqueducts. Increases in Wastewater System capital spending will pay for improvements and seismic retrofits at the Main Wastewater Treatment Plant (MWWTP), upgrades to the Resource Recovery receiving station, and improvements to the Power Generation Station. In regards to budget assumptions, staff is recommending the District remain conservative and reduce water sales projections for FY20, FY21 and FY22 from 144/147/150

million gallons per day (MGD) with 2 percent growth thereafter to 141/143/144 MGD with 1 percent growth. She explained that even with reduced water sales projections, the District has had success in progressing towards its long-term financial stability goals and project water rate increases at 6.5 percent for FY20 and for FY21, which is lower than the 7 percent projection made two years ago and 4 percent for FY20 and for FY21 for wastewater rates which is the same projections made two years ago.

Next, she reviewed a hypothetical earthquake recovery scenario which demonstrated how the District could use its debt capacity and rate stabilization and cash reserves to mitigate the financial impacts of recovering from an earthquake and discussed key findings from the Wastewater System cost of service (COS) study which was completed in 2015. The findings recommended adjustments to the wet weather charge to more accurately reflect program costs; a decrease in the residential treatment charge and a slight shift in the proportion of costs to non-residential uses with a corresponding increase in non-residential customer charges; confirmation of the wastewater monthly cap for single family residential customers; and to continue billing wastewater system treatment charges based on volume of flow while using alternative methods for measuring wastewater strength.

Manager of Customer and Community Services Andrew L. Lee reviewed proposed revisions to the customer water bill based on feedback from previous workshops. The revisions include adding the number of days in a billing period to clarify that the District's bills are generally bimonthly; changing the shading and bolding the text on the section of the bill listing city sewer service charges to highlight they are not District charges; and bolding the text on key aspects of the bill.

Next, Mr. Lee provided an update on the District's affordability programs; Customer Assistance Program (CAP) participation levels and expenditures; an analysis on providing retroactive discounts to new CAP customers; expanding the District's wastewater CAP discount from 35 to 50 percent; District efforts working with the cities of Berkeley, Emeryville and Oakland to implement a CAP on the cities' sewer service charges; partnerships with local charities; and federal and state low-income rate assistance efforts. He reported that as of December 2018, 6,805 of the District's residential customers and six homeless shelters participate in the District's CAP. He explained this is the highest level of participation since the program's inception and said as the program continues to grow additional staff may be needed by FY 2022/2023 to continue meeting service levels. After examining the impact of providing additional retroactive discounts to new CAP customers and determining the direct bill offset appears minimal, staff recommends focusing resources on supporting outreach efforts to increase new enrollment. In FY18, 5,188 CAP accounts received a 35 percent discount on their District wastewater charges. Staff explored increasing the discount from 35 to 50 percent and recommends maintaining the current discount rate in conformity with recent outreach efforts with the cities of Oakland, Berkeley, and Emeryville.

Staff has been working with the cities to develop an addendum to the Sewer Agency Charge Billing and Collection Agreement to implement a discount on their sewer service charges to provide financial relief to qualifying customers. If approved by the cities, the proposed addendum would provide the District the authority to extend a discount to the sewer service charges on a city's behalf in conformity to the District's 35 percent discount offered to its CAP

participants. While all three cities expressed initial support for the proposed addendum, Berkeley has been unresponsive to District attempts to discuss implementation and staff is reaching out to the City Manager for assistance. Emeryville staff retracted their plan to present this item to City Council and staff is reaching out to the City Manager for assistance. Oakland staff agreed to meet in December 2018 to develop a phased-in discount but the meeting was canceled due to Oakland staff unavailability. Staff is working with Oakland officials to schedule meetings with City Council members in February 2019. The Board will receive a schedule of these meetings once they are confirmed. Discussions regarding water and wastewater rate affordability continue and District staff currently recommends that the District continue to monitor and, as appropriate, engage in federal and state affordability efforts to ensure these measures will provide direct benefit to District customers including those customers who do not receive a water bill.

PUBLIC COMMENT

There was no public comment.

DISCUSSION

The Board asked questions and provided comments regarding the information presented and requested the following:

- Evaluate using general obligation bonds as a complement to, or in lieu of revenue bonds to fund long lifecycle capital improvement projects
- Estimate the avoided cost to wastewater systems when customers use graywater systems and evaluate providing a credit to customers using graywater systems
- Assess the avoided cost to the District as it correlates to a reduction in delinquent bills
- Consider evaluating multi-family and single-family residences separately in future cost of service studies for wastewater
- Copy of the District's memo regarding an audit of Pacific Gas and Electric's C.A.R.E. program
- Sensitivity analysis of a fixed vs. variable component of rates and impacts to revenue and customer bills
- Level of funding needed in the rate stabilization fund if fixed charges were decreased to 20%
- Rate impacts if system capacity charge revenue remains budgeted at \$30 million instead of increasing to \$40 million in FY20
- A breakdown of system capacity charges by customer class
- Cost impacts if FY20/21 rates were increased to 6.6% and 6.4% respectively, versus the proposed 6.5% and 6.5% respectively
- Irrigation charges for golf courses and other recreational facilities
- The District's rationale and approach to obtaining earthquake insurance
- Consider including information on confidence intervals when projecting water sales
- Revise language on water bill to emphasize "pass-through" nature of city charges
- Consider revising water bill to include subtotal of all EBMUD-related charges
- Summary of CAP application acceptance rate using data from the General Manager's monthly reports

- Determine if District CAP eligibility criterion, including income requirements, were revised between FY12 and FY13
- Data on referrals to St. Vincent De Paul and Catholic Charities from the District and other agencies
- Explore potential to revise the Municipal Utility District Act to address inability to “afford” bills versus inability to “pay” bills
- Schedule of meetings with Oakland City Council members to discuss implementing a CAP on the city’s sewer service charges
- Evaluate if a portion of CAP administrative costs should be allocated to the wastewater system
- Opportunities for the District to assume a leadership role in statewide low-income rate assistance discussions

ADJOURNMENT

President Young adjourned the Special Meeting at 11:04 a.m.

SUBMITTED BY:

Rischa S. Cole, Secretary of the District

APPROVED: February 13, 2019

Marguerite Young, President of the Board

MINUTES

Tuesday, January 22, 2019

**East Bay Municipal Utility District
Board of Directors
375 Eleventh Street
Oakland, California**

Regular Closed Session Meeting

President Marguerite Young called to order the Regular Closed Session Meeting of the Board of Directors at 11:10 a.m. in the Administration Center Board Room.

ROLL CALL

Directors John A. Coleman, Andy Katz, Doug Linney, Lesa R. McIntosh, Frank Mellon, William B. Patterson, and President Marguerite Young were present at roll call.

Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Assistant General Counsel Xanthe M. Berry (Items 1a, 1b and 2a) and Workers' Compensation Manager and Risk Specialist Vladimir Bessarabov (Items 1a, 1b and 2a).

PUBLIC COMMENT

There was no public comment.

ANNOUNCEMENT OF CLOSED SESSION AGENDA

President Young announced the closed session agenda. The Board convened to Conference Room 8 for discussion.

Regular Business Meeting

President Young called to order the Regular Business Meeting of the Board of Directors at 1:15 p.m. in the Administration Center Board Room.

ROLL CALL

Directors John A. Coleman, Andy Katz, Doug Linney, Lesa R. McIntosh, Frank Mellon, William B. Patterson, and President Marguerite Young were present at roll call.

Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer and Secretary of the District Rischa S. Cole.

BOARD OF DIRECTORS

President Young led the Pledge of Allegiance.

2019 Committee Assignments

President Young reviewed the 2019 Board Committee assignments.

- Motion by Director McIntosh, seconded by Director Coleman, to approve the 2019 Committee assignments, carried (7-0) by the following voice vote: AYES (Coleman, Katz, Linney, McIntosh, Mellon, Patterson, and Young.); NOES (None); ABSTAIN (None); ABSENT (None).

Motion No. 015-19 – Approved the following 2019 Board Committee Assignments:

Planning

Director Linney, Chair
Director McIntosh
Director Patterson

2nd Tuesday of the month at 9:15 a.m.

Administration Center Building
Training Resource Center, 2nd Floor
Training Resource Center, 2nd Floor

Legislative/Human Resources

Director Coleman, Chair
Director Mellon
Director McIntosh

2nd Tuesday of the month at 10:15 a.m.

Administration Center Building
Training Resource Center, 2nd Floor

Finance/Administration

Director Patterson, Chair
Director Coleman
Director Katz

4th Tuesday of the month at 10:00 a.m.

Administration Center Building
Training Resource Center, 2nd Floor

Sustainability/Energy

Director Linney, Chair
Director Katz
Director Mellon

Meets quarterly on 4th Tuesday

Administration Center Building
Training Resource Center, 2nd Floor

DSRSD/EBMUD Recycled Water Authority (DERWA)

Director Coleman
President Mellon
Director Linney, Alternate

Meets at 6:00 p.m.

1st Monday in February;

3rd Monday in May;

4th Monday in March, July, September, and November

Contact: Linda H. Hu, 287-1691

Freeport Regional Water Authority

Director Coleman
Director Patterson
Director Katz, Alternate

2nd Thursday at 10:00 a.m. quarterly basis, with locations to be announced

Retirement Board

Director Mellon
President Young

3rd Thursday odd numbered months at 8:30 a.m.
Administration Center Building
Training Resource Center, 2nd Floor

**Upper Mokelumne River
Watershed Authority**

Director Coleman
Director Patterson
Director Katz, Alternate
Director Linney, Alternate

4th Friday, quarterly at 1:30 p.m.
McLean Hall, Pardee Center

Business Forum (Ad Hoc)

Director Coleman
Director Katz
Director Patterson
Director Mellon, Alternate

Meeting dates, times, and location to be determined

EBMUD/EBRPD Liaison

Director Katz
Director Linney
Director Mellon, Alternate

Meeting dates, times, and location to be determined

Oakland Chamber of Commerce

Director Linney
Director Katz, Alternate
Director Patterson, Alternate

Special Districts Association of Alameda County/Special Districts Selection Committee

Director Mellon, Member
Director Katz, Alternate
Director Patterson, Alternate

Special Districts Association of Contra Costa County

Director McIntosh, Member
Director Mellon, Alternate
Director Coleman, Alternate

ANNOUNCEMENTS FROM CLOSED SESSION

There were no announcements required from closed session.

PUBLIC COMMENT

There was no public comment.

CONSENT CALENDAR

- Item 11 was pulled from the Consent Calendar for comment.
 - Motion by Director Coleman, seconded by Director Linney, to approve the recommended actions for Items 1-10 on the Consent Calendar, carried (7-0) by the following voice vote: AYES (Coleman, Katz, Linney, McIntosh, Mellon, Patterson, and Young); NOES (None); ABSTAIN (None); ABSENT (None).
1. **Motion No. 016-19** – Approved the Regular Meeting Minutes of January 8, 2019.
 2. The following correspondence was filed with the Board: **1)** Presentation entitled, “Water Supply Update,” dated January 22, 2019; **2)** Presentation entitled, “2019 Customer Opinion Survey,” dated January 22, 2019; **3)** EMC Research Hybrid Telephone/Email-to-Web Survey Draft, dated January 17, 2019; and **4)** Speakers’ Bureau and Outreach Record CY19, dated January 18, 2019.
 3. **Motion No. 017-19** – Awarded a contract to the lowest responsive/responsible bidder KWS Manufacturing Company, Ltd., in an amount, after the addition of taxes, not to exceed \$1,911,875 for the purchase of sixteen stainless steel screw conveyors for the Main Wastewater Treatment Plant Aerated Grit Tanks under Request for Quotation No. 1909.
 4. **Motion No. 018-19** – Authorized an agreement beginning on or after February 1, 2019 with Blue Sky Environmental, Inc., in the amount of \$22,400 annually for air emissions source testing at the Main Wastewater Treatment Plant for two years with two options to renew for an additional one-year period for a total cost of \$89,600.
 5. **Motion No. 019-19** – Authorized an agreement with Luhdorff & Scalmanini Consulting Engineers to develop the East Bay Plain Subbasin Groundwater Sustainability Plan in collaboration with the City of Hayward in an amount not to exceed \$1,591,442.
 6. **Motion No. 020-19** – Authorized an agreement beginning on or after January 22, 2019 with Pipe and Plant Solutions, Inc., in an amount not to exceed \$114,920 for closed-circuit television surveys of the City of Berkeley Virginia Street Storm Drain.
 7. **Motion No. 021-19** – Authorized an amendment to the contract with Equifax Workforce Solutions to increase the amount by \$100,000 to a total amount not to exceed \$170,000 for Patient Protection and Affordable Care Act compliance tracking, tax form preparation and fulfillment through July 2020.
 8. **Motion No. 022-19** – Authorized an amendment to the Memorandum of Agreement (MOA) for the Bay Area Regional Reliability partnership to extend the term of the MOA through December 31, 2021 and add scope for the development of a grant-funded Regional Water Market Program.
- Director Katz requested staff provide an update on the Regional Water Market Program at a future committee and board meeting. General Manager Alexander R. Coate advised this topic will be discussed at the Long-Term Water Supply workshop in March.

9. **Motion No. 023-19** – Approved the November 2018 and December 2018 Monthly Investment Transactions Reports.
10. **Resolution No. 35129-19** – Adopting The 2018 Mokelumne-Amador-Calaveras Integrated Regional Water Management Plan Update.
11. **Resolution No. 35130-19** – Confirming Appointment Of Standby Officers For The Board Of Directors Under The Emergency Succession Plan For The Board Of Directors.

Ward No. 1	1) Celia McCoy 2) Linda Jackson-Whitmore 3) Lynelle Lewis
Ward No. 2	1) Dennis Diemer 2) Carol Rowley 3) Robert Dean
Ward No. 3	1) Jennifer Jackson 2) Peter Vorster 3) Randle Kanouse
Ward No. 4	1) Helen Burke 2) Margo Schueler 3) Ronald M. Stork
Ward No. 5	1) Heinrich Albert 2) James Prola
Ward No. 6	1) Robert Harris 2) Jose Guzman 3) Kevin S. Blackburn
Ward No. 7	1) Calvin Sakamoto 2) Gene Ashford Jr. 3) Gregory Chan

- Director Mellon pulled Item 11 to acknowledge the individuals and their willingness to continue serving as Standby Officers for Calendar Year 2019. Director Coleman requested that staff issue a press release announcing the Standby Officers' confirmation.
- Motion by Director Mellon, seconded by Director Katz, to approve the recommended action for Item 11, carried (7-0) by the following voice vote: AYES (Coleman, Katz, Linney, McIntosh, Mellon, Patterson, and Young); NOES (None); ABSTAIN (None); ABSENT (None).

DETERMINATION AND DISCUSSION

12. General Manager's Report.

Manager of Maintenance and Construction David A. Briggs presented the Water Supply update as of January 20. He reviewed gross water production, the current snow pack, and precipitation in the East Bay (currently 84% of average) and the Mokelumne (currently 104% percent of average). He reported the District began flood control releases the week of January 14 and that as of January 20, the District's total system storage was 619,330 acre feet, which is 110% of average and 80% of capacity.

Special Assistant to the General Manager Douglas I. Wallace provided an update on the District's 2019 Customer Opinion Survey. The survey is scheduled to be conducted in February-March and will focus on rates, infrastructure renewal, and emergency preparedness. Staff in consultation with consultant EMC Research Inc., developed a statistical sample set to achieve 1,200 completed surveys. Mr. Wallace noted that for the first time, the survey will be conducted via hybrid live telephone interview (landline and cell phone) and email-to-web. Board members received a draft of the proposed survey questions at their places with a request to review and provide comments to staff by February 5. Mr. Wallace and EMC Research Inc. representative Jessica Polsky responded to Board questions regarding the hybrid survey methodology, the proposed questions and the overall purpose and expected outcomes of the survey. The Board requested revisions to the survey to include a question on income; an adjustment to the wording for question 28 to understand affordability; and to consider including a question on protecting the San Francisco Bay. Additionally, the Board asked staff to consider focusing the next survey on wastewater services after the District completes its Wastewater Master Plan.

General Manager Alexander R. Coate announced the latest version of the Speakers' Bureau and Outreach Record CY19 had been provided at Board places.

REPORTS AND DIRECTOR COMMENTS

13. Filed with the Board were the EBMUD/EBRPD Liaison Committee Minutes of October 18, 2018 and the Planning and Legislative/Human Resources Committee Minutes of January 8, 2019.
14. **Other Items for Future Consideration.**

None.
15. **Director Comments.**
 - Director Coleman reported attending/participating in the following events: Exchange Club meeting in Danville and Freeport Regional Water Authority meeting in Oakland on January 11; and San Francisco Regional Water Quality Control Board event for retiring Executive Director Bruce Wolfe in Berkeley on January 17. He reported on plans to attend/participate in the following events: ACWA Board meeting in Sacramento and an UMRWA Board meeting in Pardee on January 25; and a DERWA Board meeting in Dublin on February 4.
 - Director Mellon reported attending/participating in the following events: Alameda County Mayors' Conference in Dublin on January 9; Contra Costa County Mayors' Conference in Richmond on January 10; and an ACWA Region 5 Board of Directors meeting in Marina on January 18.
 - President Young advised that Board members attending conferences or other events on behalf of the District will need to include a 1-2 paragraph summary and supporting documentation with their Director comments.
 - Directors Katz, Linney, McIntosh, and Patterson had no comment.

ADJOURNMENT

President Young adjourned the meeting at 2:11 p.m.

SUBMITTED BY:

Rischa S. Cole, Secretary of the District

APPROVED: February 13, 2019

Marguerite Young, President of the Board

W:\Board of Directors - Meeting Related Docs\Minutes\Minutes 2019\2019 Regular Minutes\012219_regular_minutes.docx



AGENDA NO.
MEETING DATE

3.
February 13, 2019

TITLE PARDEE DAM – FOOTHILLS FAULT SYSTEM STUDY

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Authorize an agreement beginning on or after February 13, 2019 with Lettis Consultants International, Inc. (LCI) in an amount not to exceed \$281,030 to provide engineering geology consulting services to support the Pardee Dam – Foothills Fault System Study.

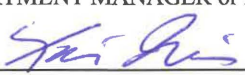
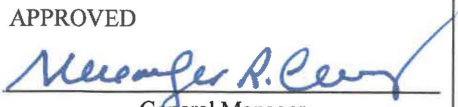
SUMMARY

The District operates the Pardee and Camanche Dams and Hydroelectric facilities (see attached map) under a license granted by the Federal Energy Regulatory Commission (FERC). Under this license, the District is obligated to retain an independent consultant (IC) to inspect the facilities and prepare a FERC Part 12D Potential Failure Mode Analysis and Safety Inspection Report every five years. In 2017, the IC recommended that the District evaluate the earthquake fault rupture hazard of nearby active faults within the Foothills Fault System and consider possible impacts on Pardee Dam. This study is proposed in response to that recommendation, and is one of several studies planned as described in the Dam Safety Annual Report presented at the Planning Committee on August 14, 2018.

DISCUSSION

This geologic study is a regulatory requirement resulting from the 2017 FERC Part 12D Safety Inspection Report on the Pardee Dam and Hydroelectric Facility. In this report, the IC recommended that the District: (1) evaluate the potential for permanent rock surface displacement caused by rupture of nearby active faults, which may involve a detailed probabilistic fault displacement hazard analysis, and (2) develop updated seismic ground motions for future seismic slope stability and dam sliding evaluations at both the Pardee and Camanche facilities.

This agreement includes scope to perform detailed geologic field mapping, excavate and log earthquake fault trenches, characterize local and background seismic sources, and prepare a summary report for submittal to FERC. The District will use the results of this study to evaluate the seismic hazard for

Funds Available: FY18-19; CIP#000861; Page 11		Budget Code: WSC/562/7999/5231/2012875:04
DEPARTMENT SUBMITTING <u>Engineering and Construction</u>	DEPARTMENT MANAGER or DIRECTOR  Xavier J. Irias	APPROVED  General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

upcountry District facilities and to satisfy regulatory requirements with FERC. This project supports the District's Long-Term Water Supply and Long-Term Infrastructure Investment Strategic Plan goals.

CONSULTANT SELECTION

Request for proposal was sent to 45 firms on the District's FY19 Engineering Consultant Roster with expertise in providing engineering geology services. Two proposals were received. LCI was selected based on their extensive experience, project approach, deliverables, and cost competitive proposal. LCI is a local business and a State certified small business enterprise.

SUSTAINABILITY

Economic

Funding for this item is included in the FY19 budget for the Dam Seismic Upgrades Project.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Environmental

The geologic study, and associated field work will be in compliance with the California Environmental Quality Act. All field work will be performed in compliance with the District's California Department of Fish and Wildlife Routine Maintenance Agreement and applicable FERC environmental procedures.

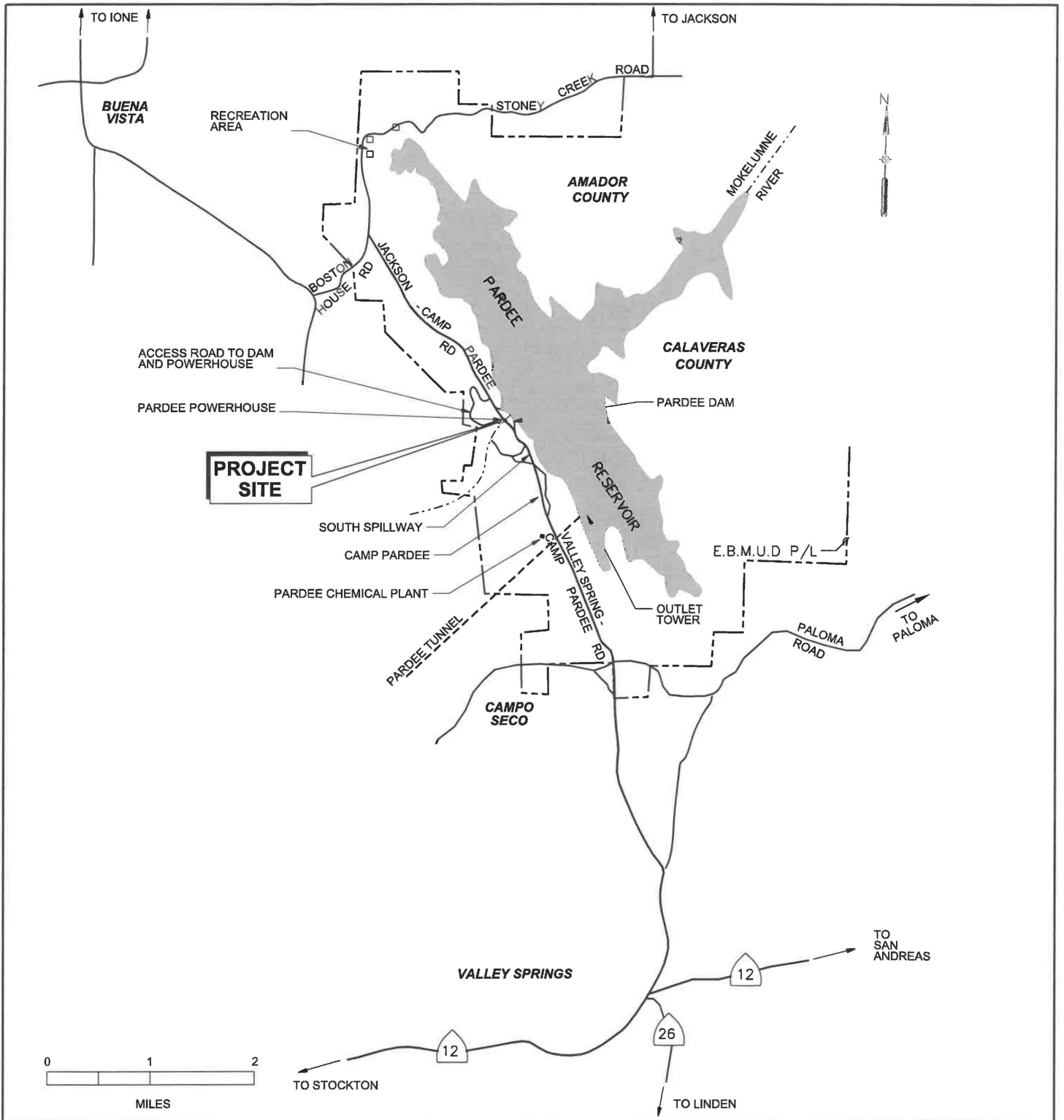
ALTERNATIVES

Perform the work with District forces. This alternative is not recommended because staff does not have the necessary experience and expertise to complete this required work.

Do not perform the work. This alternative is not recommended as the District has committed to FERC to perform this study.

Attachments

Location Map
P-035 – Contract Equity Program Summary
P-061 – Affirmative Action Summary



**PROJECT SITE
LOCATION MAP**

NOT TO SCALE

EAST BAY MUNICIPAL UTILITY DISTRICT

**PARDEE DAM
FOOTHILLS FAULT SYSTEM STUDY**

FIGURE 1



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE Professional Services Agreement Pardee Dam - Foothills Fault System Study	DATE: January 23, 2019
---	----------------------------------

CONTRACTOR:	PERCENTAGE OF CONTRACT DOLLARS				
Lettis Consultants International, Inc. (LCI) Walnut Creek, CA 94596	Local / Small Business	Availability Group	Contracting Objectives	Participation	
BID/PROPOSER'S PRICE:	FIRM'S OWNERSHIP		White Men	25%	95.3%
	Ethnicity	Gender	White Women	6%	4.7%
\$281,030	White	Men	Ethnic Minorities	25%	0.0%

CONTRACT EQUITY PARTICIPATION											
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME: Lettis Consultants International, Inc. (LCI)	\$249,580	White	X		88.8%						
SUBS: K.W. Emerson, Inc.	\$13,200	White		X		4.7%					
Trench Plate Rental Co.	\$10,250	White	X		3.6%						
Dr. David Schwartz (USGS Emeritus)	\$8,000	White	X		2.8%						
TOTAL	\$281,030				95.3%	4.7%	0.0%	0.0%	0.0%	0.0%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	23	10	3	36
Percent of Total Employees:	63.9%	27.8%	8.3%	
MSA Labor Market %:	28.0%	23.6%	48.4%	
MSA Labor Market Location:	California			

COMMENTS

Contract Equity Participation - 95.3% White Men participation and 4.7% White Women participation.

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	YES	



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title:		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN	TOTAL		
Pardee Dam - Foothills Fault System Study		National	10.5	10.7	3.7	0.7	27.3		
		9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9		
		Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2		
Professional Services Agreement	DATE:	Number of Ethnic Minority Employees							
R=Recmmd P=Prime S=Sub	Composition of Ownership								
Company Name, Owner/Contact Person, Address, and Phone Number		B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
RP	WM: L/SBE	Company Wide	0	2	1	0	3	8.3%	48.4%
Lettis Consultants International, Inc. Thea Carrillo 1981 N. Broadway, Suite 330 Walnut Creek, CA 94596 925-482-0360 ext. 222		Manager/Prof	0	1	1	0	2	6.7%	
		Technical/Sales	0	0	0	0	-	NA	
		Clerical/Skilled	0	1	0	0	1	16.7%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	13	11	0	0	-	NA	
		AA Plan on File:	NA		Date of last contract with District:		NA		
		Co. Wide MSA:	California		# Employees-Co. Wide:		36	Bay Area: 0	
S	WW	Company Wide	INFORMATION NOT PROVIDED						
K.W. Emerson, Inc. Alison@kwemerson.com P.O. Box 549 San Andreas, CA 95249 209-754-3839		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
S	WM	Company Wide	INFORMATION NOT PROVIDED						
Trench Plate Rental CO. hlutz@tprco.com 2924 47th Avenue Sacramento, CA 95824 916-421-1638		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
S	WM	Company Wide	INFORMATION NOT PROVIDED						
Dr. DavidSchwartz (USGS Emeritus) davidpschwartz@mac.com 345 Middlefield Road, MS 977 Menlo Park, CA 94025 925-588-6064		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
P	WM: LBE	Company Wide	0	5	1	0	6	23.1%	47.8%
GEI Consultants, Inc. Julie Jennings Kale 180 Grand Avenue, Suite 1410 Oakland, CA 94612 916-631-4533		Manager/Prof	0	3	1	0	4	16.7%	
		Technical/Sales	0	1	0	0	1	100.0%	
		Clerical/Skilled	0	1	0	0	1	100.0%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	5	1	0	6	23.1%	
		Co. Wide MSA:	Oakland		# Employees-Co. Wide:		26	Bay Area: 26	

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO. 4.
 MEETING DATE February 13, 2019

TITLE INDUSTRIAL CONTROL SYSTEMS CYBERSECURITY SERVICES

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Authorize an agreement beginning on or after February 13, 2019 with Schneider Electric Systems USA, Inc. (Schneider) in an amount not to exceed \$716,467 for supplying industrial control systems cybersecurity services for the District’s Supervisory Control and Data Acquisition (SCADA) network for three years.

SUMMARY

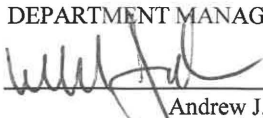
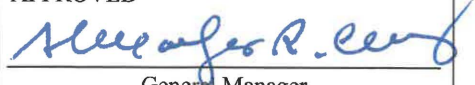
The District uses a sophisticated SCADA system implemented and maintained by Schneider that uses their proprietary software to monitor and control over 300 power production, water supply, transmission, treatment, and distribution facilities. To protect the SCADA environment from evolving cybersecurity threats, Schneider also installed firewalls that are integral to the SCADA environment and require ongoing maintenance and support.

DISCUSSION

Schneider originally implemented the firewalls in the SCADA environment in 2017 and has been supporting them ever since. This agreement provides for the continued support of the SCADA firewall environment. The agreement includes language that will indemnify both the District and Schneider for claims resulting from negligence or any willful misconduct of the indemnifying party. This agreement supports the District’s Water Quality and Environmental Protection Strategic Plan goal.

VENDOR SELECTION

Schneider installed and has been supporting the SCADA firewalls which are integral to the SCADA environment. Their knowledge and experience with the implementation of the District’s SCADA system and integrated SCADA firewall platform is necessary to maintain continuity of support. Switching to another vendor would require a significant investment in cost and training for the new vendor to become familiar with the District’s systems.

Funds Available: FY19		Budget Code: WSO/252/8773/5312
DEPARTMENT SUBMITTING Information Systems	DEPARTMENT MANAGER or DIRECTOR  Andrew J. Levine	APPROVED  General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

SUSTAINABILITY

Economic

This item is included in the FY19 operating budget.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Local 2019 and 21 were notified of the agreement on November 26, 2018. Local 21 issues were addressed and resolved on December 19, 2018. Local 2019 issues were addressed and resolved at a meeting on December 18, 2018. The District intends to evaluate consolidating to a common firewall platform across the business and SCADA networks at the end of this three-year agreement.

ALTERNATIVES

Procure SCADA firewall maintenance and support from another vendor. This alternative is not recommended because the costs to train a new vendor on the intricacies of the District's SCADA firewall implementation would be substantial.

Do not procure maintenance and support for the SCADA firewalls. This alternative is not recommended because the District does not have the resources to maintain and support the firewall platform installed in the SCADA environment.

Attachments

- P-035 – Contract Equity Program Summary
- P-061 – Affirmative Action Summary



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE General Services Agreement Industrial Control Systems Cybersecurity Services				DATE: February 13, 2019								
CONTRACTOR: Schneider Electric Systems USA, Inc. Foxboro, MA 02035			PERCENTAGE OF CONTRACT DOLLARS Direct Award									
BID/PROPOSER'S PRICE: \$716,467		FIRM'S OWNERSHIP Ethnicity: White Gender: Men		White Men: 25% White Women: 6% Ethnic Minorities: 25%	Contracting Objectives: 100.0% Participation: 0.0% Participation: 0.0%							
CONTRACT EQUITY PARTICIPATION												
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION							
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign	
PRIME: Schneider Electric Systems USA, Inc. SUBS: None	\$716,467	White	X		100.0%							
TOTAL	\$716,467				100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)												
	White Men	White Women	Ethnic Minorities	Total Employees								
No. of Employees:	492	228	114	834								
Percent of Total Employees:	59.0%	27.3%	13.7%									
MSA Labor Market %:	44.0%	40.6%	15.3%									
MSA Labor Market Location:	Massachusetts											
COMMENTS												
<i>Contract Equity Participation - 100% White Men participation.</i>												
Workforce Profile & Statement of Nondiscrimination Submitted				Good Faith Outreach Efforts Requirement Satisfied				Award Approval Recommended				
NA				NA								



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Industrial Control Systems Cybersecurity Services		Ethnic Minority Percentages From U.S. Census Data							
		B	H	A/PI	AI/AN	TOTAL			
General Services Agreement		DATE: 2/13/2019	National		10.5	10.7	3.7	0.7	27.3
		9 Bay Area Counties		5.5	16.2	14.2	0.4	39.9	
R=Recmmd P=Prime S=Sub		Composition of Ownership	Number of Ethnic Minority Employees						
Company Name, Owner/Contact Person, Address, and Phone Number		B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
RP	WM	Company Wide	17	21	73	2	113	13.5%	15.3%
Schneider Electric Systems USA, Inc. Deepa Peswani 38 Neponset Avenue Foxboro, MA 02035 508-549-6748		Manager/Prof	7	15	55	1	78	14.1%	
		Technical/Sales	2	0	2	1	5	8.5%	
		Clerical/Skilled	2	0	2	0	4	9.1%	
		Semi/Unskilled	6	6	14	0	26	14.8%	
		Bay Area	0	0	0	0	0	0.0%	
		AA Plan on File:	NA		Date of last contract with District:		NA		
		Co. Wide MSA:	Massachusetts		# Employees-Co. Wide:		834	Bay Area: 0	

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO. 5.
 MEETING DATE February 13, 2019

TITLE CRYOGENIC FACILITY TURBOEXPANDER REBUILD

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Authorize an agreement beginning on or after February 13, 2019 with Solutionwerks, Inc. in an amount not to exceed \$150,843 for turboexpander rebuild services for the Oxygen Production Plant (cryogenic facility) at the Main Wastewater Treatment Plant (MWWTP).

SUMMARY



Under this agreement, Solutionwerks, Inc. will rebuild two cryogenic turboexpanders also known as expansion turbines. Rebuild services will include disassembling, cleaning for oxygen service, and inspecting two turboexpander units followed by replacing, rebuilding and/or repairing key components. The two units will then be dynamically balanced, reassembled and prepared for long-term storage.

DISCUSSION

The District’s MWWTP cryogenic facility produces high-purity oxygen (HPO), which is required for biological removal of organic contaminants from wastewater in the activated sludge process. The cryogenic facility produces HPO through very low temperature liquefaction of air followed by fractional distillation to separate air into its components (mainly oxygen and nitrogen). Recently, two of the turboexpanders used to provide refrigeration for the process failed, requiring the use of spare units on hand. The District no longer has an available spare unit, putting the reliable operation of this facility in jeopardy if another turboexpander fails. This rebuild supports the District’s Long-Term Infrastructure Investment Strategic Plan goal, specifically to “maintain and improve the District’s infrastructure in a cost-effective manner.”

SERVICE PROVIDER SELECTION

A request for proposal was sent to three qualified potential proposers and posted on the District website, all of which submitted proposals. Proposals were evaluated based on project-specific evaluation criteria and weighting factors. Solutionwerks, Inc. was selected based on the evaluation criteria as well as their

Funds Available: FY19		Budget Code: WWC/911/7999/2011799/5312	
DEPARTMENT SUBMITTING	DEPARTMENT MANAGER or DIRECTOR		APPROVED
Wastewater	 Eileen M. White		 General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

successful history of turboexpander rebuild projects at municipal wastewater facilities throughout the United States.

SUSTAINABILITY

Economic

Funding for this item is included in the FY19 budget for the Routine Capital Equipment Replacement Project.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Local 444 was notified of this work on November 16, 2018, and did not raise any specific issues related to this agreement.

Environmental

Reliable operation of the cryogenic facility is essential for the District to continue to protect San Francisco Bay by treating wastewater prior to discharge.

ALTERNATIVES

Reject all proposals and do not perform the work. This alternative is not recommended because spare turboexpanders are necessary for the reliable operation of the cryogenic facility.

Perform the work with District forces. This alternative is not recommended because staff does not have the required expertise to rebuild turboexpanders.

Attachments

P-035 – Contract Equity Program Summary

P-061 – Affirmative Action Summary



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE Professional Services Agreement Cryogenic Facility Turboexpander Rebuild	DATE: <p style="text-align: center;">January 18, 2019</p>
--	---

CONTRACTOR: Solutionwerks, Inc. Emmaus, PA 18049	Small Business	PERCENTAGE OF CONTRACT DOLLARS				
		Availability Group	Contracting Objectives	Participation		
BID/PROPOSER'S PRICE: \$150,843	FIRM'S OWNERSHIP		White Men	25%	100.0%	
		Ethnicity	Gender	White Women	6%	0.0%
		White	Men	Ethnic Minorities	25%	0.0%

CONTRACT EQUITY PARTICIPATION											
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME: Solutionwerks, Inc.	\$150,843	White	X		100.0%						
SUBS: None											
TOTAL	\$150,843				100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	4	2	0	6
Percent of Total Employees:	66.7%	33.3%	0.0%	
MSA Labor Market %:	46.4%	40.2%	13.4%	
MSA Labor Market Location:	Pennsylvania			

COMMENTS

Contract Equity Participation - 100.0% White Men participation.

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	NA	



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title:		Ethnic Minority Percentages From U.S. Census Data								
Cryogenic Facility Turboexpander Rebuild				B	H	A/PI	AI/AN	TOTAL		
		National		10.5	10.7	3.7	0.7	27.3		
		9 Bay Area Counties		5.5	16.2	14.2	0.4	39.9		
Alameda/CC Counties		10.7	15.6	15.4	0.5	46.2				
Professional Services Agreement		DATE: 1/18/2019								
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees								
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
RP	WM: SBE	Company Wide	0	0	0	0	0	0.0%	13.4%	
Solutionwerks, Inc. Dennis Derr 22 South 2nd Street, Suite 3 Emmaus, PA 18049 610-928-7188		Manager/Prof	0	0	0	0	0	0.0%		
		Technical/Sales	0	0	0	0	0	0.0%		
		Clerical/Skilled	0	0	0	0	0	0.0%		
		Semi/Unskilled	0	0	0	0	0	0.0%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		Co. Wide MSA: Pennsylvania	# Employees-Co. Wide: 6				Bay Area: 0			
S	WW	Company Wide	INFORMATION NOT PROVIDED							
Bo-Ge Assembly Alan Stephenson 1123 Church Street Crosby, TX 77532 281-462-0073		Manager/Prof								
		Technical/Sales								
		Clerical/Skilled								
		Semi/Unskilled								
		Bay Area								
		Co. Wide MSA:								
P	Foreign	Company Wide	0	240	0	0	240	100.0%	34.1%	
Atlas Copco Comptec LLC Holly Simboli 48 School Road Voorhesville, NY 12186 518-765-5824		Manager/Prof	0	136	0	0	136	100.0%		
		Technical/Sales	0	11	0	0	0	0.0%		
		Clerical/Skilled	0	30	0	0	30	100.0%		
		Semi/Unskilled	0	63	0	0	0	0.0%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		Co. Wide MSA: New York	# Employees-Co. Wide: 240				Bay Area: 0			
P	WM	Company Wide	280	230	219	13	742	16.4%	13.4%	
Air Products and Chemicals, Inc. Tracey Saccani 7201 Hamilton Blvd. Allentown, PA 18195 610-481-4911		Manager/Prof	50	71	168	6	295	13.9%		
		Technical/Sales	9	13	8	1	31	8.8%		
		Clerical/Skilled	101	98	36	3	238	18.6%		
		Semi/Unskilled	120	48	7	3	178	23.3%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		Co. Wide MSA: Pennsylvania	# Employees-Co. Wide: 4,528				Bay Area: 0			

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO. 6.
 MEETING DATE February 13, 2019

TITLE LONG-TERM WATER TRANSFER EIS/EIR COST SHARE AGREEMENT

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Authorize a cost-sharing agreement (Agreement) between EBMUD, Contra Costa Water District (CCWD), and the San Luis & Delta-Mendota Water Authority (SLDMWA) in an amount not to exceed \$128,333 for the preparation of a revised Environmental Impact Statement/Environmental Impact Report (EIS/EIR) for the Long-Term Water Transfer Program and potential litigation costs.

SUMMARY

The purpose of the Long-Term Water Transfer Program (LTWT Program) is to facilitate the voluntary transfer of water from sellers in the Sacramento River Watershed to Central Valley Project water users south of the Delta and in the San Francisco Bay Area, including EBMUD and CCWD. Under the terms of the Agreement, EBMUD would provide up to \$28,333 to revise the EIS/EIR as necessary to implement the LTWT Program. If there is a legal challenge to the EIS/EIR, EBMUD would contribute up to \$100,000 for litigation costs. In exchange, EBMUD would have California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) coverage to participate in the LTWT Program for up to 50,000 acre-feet of water transfers per year through 2024. Participation in the LTWT Program will allow EBMUD to retain the flexibility to pursue water transfers if necessary without financially committing EBMUD to any particular water purchase. The Board was last briefed on the participation in the LTWT Program at the Long-Term Water Supply Workshop in March 2018. This item was discussed at the February 13, 2019 Planning Committee meeting.

DISCUSSION

In 2015, the United States Bureau of Reclamation (Reclamation) and SLDMWA completed a joint EIS/EIR to analyze the effects of the proposed transfers under the LTWT Program, pursuant to the requirements of the NEPA and CEQA. EBMUD and CCWD participated with Reclamation to obtain NEPA coverage as potential buyers of transfer water. In May 2015, AquAlliance, California Sportfishing Protection Alliance, Central Delta Water Agency, South Delta Water Agency, and Local Agencies of the North Delta filed a complaint challenging the draft EIS/EIR. In 2018, the court concluded that some parts of the EIS/EIR were inadequate under CEQA, NEPA, and the Federal Endangered Species Act (ESA).

Funds Available: FY-19 CIP		Budget Code: WSC/WNR/455/2005218
DEPARTMENT SUBMITTING Water and Natural Resources	DEPARTMENT MANAGER or DIRECTOR <i>Michael T. Tognolini</i> Michael T. Tognolini	APPROVED <i>Stefano R. Cerrito</i> General Manager

Contact the Office of EBMUD Secretary regarding questions about completing or submitting this form.

In response to the court's judgment, SLDMWA engaged a consultant to revise the EIS/EIR to remedy NEPA and CEQA inadequacies identified by the court. Under the terms of the Agreement, the costs for preparing the revised EIS/EIR were to be shared evenly among EBMUD, CCWD, and the ten SLDMWA buyer member agencies that are party to the LTWT Program. EBMUD would pay 1/12 of the costs for preparation of a revised EIS/EIR consistent with NEPA and CEQA requirements, up to \$28,333.

The Agreement further stipulates that, in the event of litigation related to the Agreement including any challenges to the EIS/EIR under CEQA, NEPA, or the ESA, EBMUD would contribute 1/12 of the litigation expenses, up to \$100,000. The timing and cost of any potential future litigation defense is unknown at this time; any adjustment needed to EBMUD's current cost commitment of \$100,000 would be brought to the Board for authorization at the appropriate time.

Approval of this Agreement supports EBMUD's Long-Term Water Supply Strategic Plan goal.

SUSTAINABILITY

Economic

Sufficient funds for EBMUD's cost-share are included in the FY19 budget for Additional Supplemental Supply Projects. The agreement limits EBMUD's cost-share commitment to revising and potentially defending the EIS/EIR, if necessary, and does not include any future commitments for EBMUD to purchase transfer water.

Social

This agreement will support development of long-term supplemental water supplies for EBMUD in dry years and strengthen the long-term partnership with the potential sellers.

Environmental

The Agreement will result in a revised environmental document that would cover EBMUD transfers under the LTWT Program, if needed.

ALTERNATIVE

Do not approve the agreement. This alternative is not recommended. The agreement is needed to help secure a potential long-term supplemental water supply for EBMUD in drought years.



AGENDA NO. 7.
 MEETING DATE February 13, 2019

TITLE AMENDMENT TO THE DEMONSTRATION RECHARGE, EXTRACTION, AND
 AQUIFER MANAGEMENT PROJECT DESIGN CONSULTANT AGREEMENT

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Authorize an amendment to the agreement with LEE & RO, Inc. to increase the agreement amount by \$55,000, to a total amount not to exceed \$121,000 for additional design services for the Demonstration Recharge, Extraction, and Aquifer Management (DREAM) Project.

SUMMARY

The DREAM Project (Project) consists of a one-time demonstration conjunctive use groundwater replenishment project involving 1,000 acre-feet (AF) of surface water supply provided by EBMUD. The North San Joaquin Water Conservation District (NSJWCD) South System surface water distribution facility will be used to convey the surface water to farmlands currently pumping groundwater. In exchange for providing surface water, EBMUD will receive up to 500 AF of groundwater extracted from an existing well for export to EBMUD customers. NSJWCD will also construct a new 2.8-mile pipeline from the extraction well south to EBMUD's Mokelumne Aqueducts, where the water will be pumped into an aqueduct and delivered to the East Bay. The Board was last briefed on the Project at the Long-Term Water Supply Board Workshop on March 27, 2018.

On January 17, 2018, the General Manager approved an agreement with LEE & RO, Inc. for \$66,000 to provide engineering consulting services to design the portions of the Project for which EBMUD is responsible, including the aqueduct tie-in connections and related components. Additional funds are required to complete the design.

DISCUSSION

EBMUD entered into an agreement with LEE & RO, Inc. to provide design of the aqueduct connections, the related components to the tie-in (optional water treatment system, water tank, booster pump, and communication system), and a section of the conveyance pipeline along EBMUD's right-of-way. Terms of the original agreement were based on EBMUD forces performing the construction.

During the review of the preliminary design for the Project, EBMUD staff identified additional tasks necessary to complete the design and determined that most or all of the construction would need to be

Funds Available: FY19		Budget Code: WSC/WNR/455/2012333
DEPARTMENT SUBMITTING Water and Natural Resources	DEPARTMENT MANAGER or DIRECTOR Michael T. Tognolini	APPROVED General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

contracted, because EBMUD staff that would normally perform this work is committed to other high priority aqueduct improvement projects. The proposed increased scope includes: completing a radio path survey; expanding the tie-in design to include Mokelumne Aqueduct No. 1, as well as Aqueduct No. 2; preparing documents suitable for contractor bidding and construction; and optional services to evaluate water treatment alternatives, and provide bid services and construction support. These additional services were not included in the original agreement with LEE & RO, Inc. Approval of this amendment supports EBMUD's Long-Term Water Supply Strategic Plan goal.

CONSULTANT SELECTION

A request for proposal was sent to five firms from EBMUD's FY17 Engineering Consultant Roster. Four of the firms were small business enterprises. Three firms submitted proposals. LEE & RO, Inc. was selected because it had the most thorough technical methodology, strong project team qualifications, and the most cost-effective approach.

SUSTAINABILITY

Economic

Funding for this item is included in the FY19 budget for the Additional Supplemental Supply Projects.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Local 2019 and Local 21 were notified of the original agreement on October 4, 2017, and did not raise any issues related to the agreement. Local 2019 and Local 21 were notified of the amendment to the agreement on January 11, 2019, and did not raise any issues related to the amendment.

Environmental

San Joaquin County prepared environmental documents for the Project, including a Draft and Final Initial Study/Mitigated Negative Declaration Acting as a responsible agency under CEQA, EBMUD's Board adopted findings and the Mitigation Monitoring and Reporting Program for the Project on September 12, 2017. EBMUD posted the Notice of Determination (NOD) for the Project in Alameda, Contra Costa, and San Joaquin Counties on September 13, 2017. No challenges were filed following posting of the NOD.

ALTERNATIVES

Select a different consultant to perform the work. This alternative is not recommended as LEE & RO, Inc. is the Engineer-of-Record for this project and as such, this additional work is an extension of the existing agreement with LEE & RO.

Perform work with EBMUD forces. District staff that would typically perform this work is committed for the next 12 months to other high priority capital design projects.

Amendment to the DREAM Project Design Consultant Agreement

February 13, 2019

Page 3

Delay or do not proceed with the work. This alternative is not recommended as the schedule for the DREAM Project is set by partnership agreements with San Joaquin County and NSJWCD, which are responsible for the overall project design and construction. The construction is scheduled for completion by September 2020.

Attachments: P-035 - Contract Equity Program Summary
P-061 - Affirmative Action Summary

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CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE <i>Professional Services Agreement</i> Amendment to the Demonstration Recharge, Extraction, and Aquifer Management Project Aqueduct Tie-In Design Consultant Agreement	DATE: January 12, 2018
---	----------------------------------

CONTRACTOR:	Small / Local Business	PERCENTAGE OF CONTRACT DOLLARS		
LEE & RO, Inc. Walnut Creek, CA 94596		Availability Group	Contracting Objectives	Participation
BID/PROPOSER'S PRICE:	FIRM'S OWNERSHIP		White Men	25%
	Ethnicity	Gender	White Women	6%
\$55,000 *	Asian	Men	Ethnic Minorities	25%
				10.9%
				0.0%
				89.1%

CONTRACT EQUITY PARTICIPATION											
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME: LEE & RO, Inc.	\$49,000	A/PI	X					89.1%			
SUBS: O'Dell Engineering	\$6,000	White	X		10.9%						
TOTAL	\$55,000				10.9%	0.0%	89.1%	0.0%	0.0%	0.0%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	22	5	31	58
Percent of Total Employees:	37.9%	8.6%	53.4%	
MSA Labor Market %:	28.0%	23.6%	48.4%	
MSA Labor Market Location:	California			

COMMENTS

Contract Equity Participation - 10.9% White Men participation and 89.1% Ethnic Minority participation.

*Total not to exceed: \$121,000.00 = \$66,000 (Original contract) + \$55,000 (Amendment)

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	NA	



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title:		Ethnic Minority Percentages From U.S. Census Data								
			B	H	A/PI	AI/AN	TOTAL			
Amendment to the Demonstration Recharge, Extraction, and Aquifer Management Project Aqueduct Tie-In Design Consultant Agreement		National	10.5	10.7	3.7	0.7	27.3			
		DATE:								
		Professional Services Agreement - Amendment		9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9	
1/12/2018										
R=Recmmd P=Prime S=Sub		Composition of Ownership		Number of Ethnic Minority Employees						
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
RP	EMM: A/PI - S/LBE	Company Wide	1	11	19	0	31	53.4%	48.4%	
LEE & RO, Inc. Gregory Holmes 1515 Oakland Blvd., Suite 240 Walnut Creek, CA 94596 626-667-5303		Manager/Prof	1	4	12	0	17	41.5%		
		Technical/Sales	0	4	5	0	9	90.0%		
		Clerical/Skilled	0	3	2	0	5	71.4%		
		Semi/Unskilled	0	0	0	0	0	0.0%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		AA Plan on File:	NA		Date of last contract with District:		1/22/2018			
		Co. Wide MSA:	California		# Employees-Co. Wide:		58	Bay Area:	0	
S	WM	Company Wide	INFORMATION NOT PROVIDED							
O'Dell Engineering Scott Roberts 1165 Scenic Drive, Suite B Modesto, CA 95350 209-571-1765		Manager/Prof								
		Technical/Sales								
		Clerical/Skilled								
		Semi/Unskilled								
		Bay Area								
		Co. Wide MSA:								
P	WM: SBE	Company Wide	0	2	6	0	8	22.9%	39.9%	
Schaaf & Wheeler, Consulting Civil Engineers Becky McIntyre 1171 Homestead Rd., Suite 255 Santa Clara, CA 95050 530-306-4405		Manager/Prof	0	2	5	0	7	21.9%		
		Technical/Sales	0	0	0	0	0	0.0%		
		Clerical/Skilled	0	0	1	0	1	100.0%		
		Semi/Unskilled	0	0	0	0	0	0.0%		
		Bay Area	0	2	6	0	8	22.9%		39.9%
		Co. Wide MSA:	9 Bay Area Counties		# Employees-Co. Wide:		35	Bay Area:	35	
P	WW: SBE	Company Wide	1	3	5	0	9	50.0%	39.9%	
SRT Consultants Tatyana T. Yurovsky 90 Montgomery Street, Suite 905 San Francisco, CA 94105 415-776-5800 ext.301		Manager/Prof	1	3	5	0	9	56.3%		
		Technical/Sales	0	0	0	0	0	0.0%		
		Clerical/Skilled	0	0	0	0	0	0.0%		
		Semi/Unskilled	0	0	0	0	0	0.0%		
		Bay Area	1	3	5	0	9	50.0%		39.9%
		Co. Wide MSA:	9 Bay Area Counties		# Employees-Co. Wide:		18	Bay Area:	18	

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO. 8.
 MEETING DATE February 13, 2019

TITLE APPOINTMENT OF SPECIAL ASSISTANT IV (MANAGER OF PUBLIC AFFAIRS)

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Appoint Kelly Zito as Special Assistant IV (Manager of Public Affairs), effective March 18, 2019.

SUMMARY



The District has conducted a comprehensive recruitment process for a Special Assistant IV, Manager of Public Affairs, responsible for public relations and community outreach. Kelly Zito is recommended for the position. The Special Assistant IV is exempt from the civil service provisions of the Municipal Utility District Act in accordance with Section 12055(b) which excludes officers, assistant officers, and other persons and employees appointed by the Board of Directors.

DISCUSSION

Over the past 20 years, Ms. Zito has served as Public Affairs Director for the United States Environmental Protection Agency’s (EPA) Region 9 office in San Francisco and as an award winning staff writer for the San Francisco Chronicle covering a wide range of water policy, environmental and social issues. Ms. Zito’s responsibilities with the EPA included managing a division of 18 staff responsible for strategic, public, internal and crisis communications as well as media, government and stakeholder relations.

Ms. Zito has a Bachelor of Science in Communications from Cornell University and was awarded and completed a Knight-Wallace Water Policy Fellowship with the University of Michigan.

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Funds Available:		Budget Code:	
DEPARTMENT SUBMITTING	DEPARTMENT MANAGER or DIRECTOR	APPROVED	
Human Resources	 Laura A. Acosta	 General Manager	


Office of General Counsel

RESOLUTION NO. _____

APPOINTING KELLY ZITO AS SPECIAL ASSISTANT IV
(MANAGER OF PUBLIC AFFAIRS)

Introduced by Director _____ ; Seconded by Director _____

WHEREAS, the Board of Directors has established the position of Special Assistant IV (Manager of Public Affairs) and such position has been assigned a salary range under the Management Salary Plan heretofore established for District officers, assistant officers, civil service exempt and certain civil service classes; and

WHEREAS, the Special Assistant IV (Manager of Public Affairs) position is exempt from the District civil service pursuant to State of California Public Utilities Code section 12055; and

WHEREAS, the Special Assistant IV (Manager of Public Affairs) position in the Office of General Manager is vacant and the General Manager has recommended that Kelly Zito be appointed to serve as Special Assistant IV (Manager of Public Affairs);

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the East Bay Municipal Utility District that it hereby appoints Kelly Zito to serve as Special Assistant IV (Manager of Public Affairs) effective March 18, 2019.

Adopted this 13th day of February, 2019 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

President

ATTEST:

Secretary

APPROVED AS TO FORM AND PROCEDURE

General Counsel

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: February 13, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Michael T. Tognolini, Director of Water and Natural Resources *MTT*

SUBJECT: Delta Update

INTRODUCTION

The District continues its active role in the major arenas for planning and advocacy in the Sacramento-San Joaquin Delta. This update summarizes recent and ongoing activities with the California WaterFix Project (WaterFix Project) as well as Delta operations related to the State Water Project (SWP) and Central Valley Project (CVP). An update on Delta issues will be provided during the February 13, 2019 Board meeting.

DISCUSSION

WaterFix

Since the last presentation to the Board in October 2017, the WaterFix Project has made slow progress, despite intensified efforts during the final year of Governor Jerry Brown's administration. In early 2018 a number of project participants, mostly agricultural users, declined to provide financial commitments to the project, and the Department of Water Resources (DWR) considered either downsizing the project from twin tunnels to a single tunnel, or proceeding with a phased approach that would have constructed only one tunnel at a time. In response to DWR's actions, the Board of Directors of the Metropolitan Water District of Southern California voted to increase its financial commitment to \$10.8 billion to advance construction of the twin tunnels. With that vote the project has, for now, cleared the hurdle of financial commitments, but two additional primary regulatory hurdles remain: consistency with the Delta Stewardship Council's (DSC) Delta Plan, and approval by the State Water Resources Control Board (SWRCB) of the joint DWR/Bureau of Reclamation (Reclamation) petition for a change in points of diversion in the Delta.

In July 2018, DWR filed its "Determination of Consistency" with the Delta Plan. The determination was appealed by numerous parties, and after the appeal hearings, in early December 2018, DWR chose to withdraw its Determination of Consistency. DWR expects to resubmit its determination to the DSC in 2019. The resubmittal is expected to address reduced reliance on the Delta, Delta flow and water quality requirements, demonstration of best available science with respect to climate change, sea level rise, and salinity impacts, and mitigation measures regarding local land use impacts.

The SWRCB hearings on the WaterFix Project water rights change petition concluded in the summer of 2018. DWR has yet to issue its final supplemental environmental impact report (EIR)

document on WaterFix, and the SWRCB has not signaled whether there will be Part 3 hearings before it makes its decision on the petition. The District is among 130 parties, consisting mainly of water agencies and environmental groups, which submitted protests to SWRCB on the petition. In Part 1 of the hearings, the District presented its case identifying potential injury to the Mokelumne Aqueducts and reverse flow issues at Freeport; in Part 2 of the hearings, the District presented its case identifying potential injury to Mokelumne fisheries.

Lawsuits have already been filed challenging the project's EIR and Biological Opinions, and it is expected that any decision of the SWRCB regarding new points of diversion will also be challenged. The District filed one of the 18 actions that challenged adequacy of the WaterFix Project EIR.

Delta Operations

In December 2018, DWR and Reclamation negotiated an amendment to the Coordinated Operation Agreement (COA). COA, which defines how SWP and CVP share water quality and environmental flow obligations, was originally signed in 1986 and was never amended to account for changes in flow requirements. The original COA allocated flow obligation responsibility to the CVP and SWP at 75 percent and 25 percent respectively. The amendment increases SWP responsibility to 35 percent and 40 percent in dry and critically dry years, respectively, and increases CVP responsibility to 80 percent in wet and above normal years. This amendment will benefit CVP customers, including the District, during dry and critically dry years.

DWR's approval of the COA amendment is being challenged in a lawsuit by a group of organizations led by the Pacific Coast Federation of Fishermen's Association, asserting that DWR has not met CEQA requirements concerning its approval of the COA amendment.

Reclamation is also pushing ahead with re-initiation of Endangered Species Act Section 7 consultation with the United States Fish and Wildlife Service and National Marine Fisheries Service on the Coordinated Long-Term Operation of the CVP and SWP. Reclamation's two goals, driven largely by the Trump administration, are to maximize water deliveries and optimize power generation. The extremely ambitious schedule indicates that the Biological Assessments would be completed by January 31, 2019, with a Final Biological Opinion by June 2019 and a Record of Decision by December 2019.

NEXT STEPS

Staff will continue following the SWRCB process on the WaterFix Project's petition to change the SWP and CVP points of diversion. Major uncertainties remain for the WaterFix, particularly with respect to the regulatory hurdles and pending litigation. The District will continue to support science that improves the understanding of fish passage through the Delta, and maintain an active stakeholder role in other Delta-related activities that could impact the District.

ARC:MTT:PGS

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: February 13, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Douglas I. Wallace, Special Assistant to the General Manager *DW*

SUBJECT: Customer Assistance Program Meetings with City of Oakland Councilmembers

SUMMARY

At the request of the Board, staff has conducted outreach to all three cities for which the District collects sewer service charges (i.e., Emeryville, Berkeley, and Oakland) to explore their interest in extending the District's Customer Assistance Program (CAP) discount to the cities' sewer collection charges. This memorandum provides an update on the progress made with the City of Oakland.

DISCUSSION

More than 50 percent of the District's CAP participants live in Oakland. As a result, Oakland's adoption of a CAP for its eligible residents would provide the most assistance to District customers. Staff met with the City of Oakland staff in July and again in October 2018 to discuss the extension of the CAP discount. Staff is now in the process of scheduling meetings with City of Oakland Councilmembers and EBMUD Board members to further the process. Based on Board member feedback the planned attendees for the meetings are attached. Staff has had positive responses from representatives for each of the Councilmembers. However, coordinating schedules is taking more time than anticipated. Staff will continue working with Councilmembers to schedule the requested meetings.

ARC:MLF:cw

Attachment

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**Planned Attendees for Meetings Regarding the Customer Assistance Program
Between the Oakland City Councilmembers and EBMUD Board members
2019**

Council District	Councilmember	Neighborhoods	Director Attendee(s)
At-Large	Rebecca Kaplan, Council President	City-wide	President Young
District 1	Dan Kalb	Temescal, Rockridge, North Oakland	President Young
District 2	Nikki Fortunato-Bas	Grand Lake, Trestle Glen, East Lake, Chinatown	President Young Director Patterson
District 3	Lynette Gibson McElhaney	West Oakland, Downtown, Adams Point, Jack London	Director Linney
District 4	Sheng Thao	Montclair, Oakmore, Diamond, Laurel	President Young Director Linney
District 5	Noel Gallo	Glenview, Fruitvale, San Antonio	Director Patterson
District 6	Loren Taylor	Maxwell Park, Mills College, Eastmont, Coliseum	Director Linney
District 7	Larry Reid	Oakland Zoo, Elmhurst, Airport	Director Patterson

ITEM 9

WATER SUPPLY UPDATE

**WILL BE PROVIDED
AS AN ORAL REPORT**

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: February 13, 2019
MEMO TO: Board of Directors
FROM: Alexander R. Coate, General Manager *ARC*
SUBJECT: Monthly Report – January 2019

HIGHLIGHTS

The California Energy Commission (CEC) selected the District to receive \$3 million in grant funding to develop a renewable natural gas project at the Main Wastewater Treatment Plant (MWWTP). The project will upgrade biogas from the MWWTP to pipeline quality that can be injected into the PG&E natural gas pipeline network and used as a transportation fuel. The grant is part of \$16.9 million in funding under the CEC's Alternative and Renewable Fuel and Vehicle Technology Program. The District was the top point scorer in the grant selection process and ranked number one in the commercial-scale category. In February, staff will provide an overview to the Sustainability/Energy Committee of its evaluation and recommendation on Board consideration of accepting the grant.

In January, staff conducted the 2018 Lower Mokelumne River salmon carcass survey with a record total of 2,598 carcasses including 803 coded wire tags. The data from the carcass survey will be used by the California Department of Fish & Wildlife (CDFW) to estimate the in-river spawning population and the percentage of natural origin fish. The percentage of natural origin salmon spawning in the Mokelumne River is slowly increasing compared to CDFW's 2014 report.

WATER SUPPLY

On January 4, the Department of Water Resources released its finalized prioritizations for groundwater basins under the Sustainable Groundwater Management Act, classifying the East Bay Plain as a "medium" priority basin. Medium priority basins are required to have a Groundwater Sustainability Plan in place by January 2022.

On January 17, the Central Contra Costa Sanitary District approved an agreement for a wastewater diversion project with DSRSD/EBMUD Recycled Water Authority (DERWA). This proposed project would divert wastewater to augment DERWA's supply. The DERWA Board approved this agreement on February 4.

On January 17, the District filed a temporary change petition to Permit 10478 with the State Water Resources Control Board (SWRCB) to transfer the remaining 896 acre-feet (AF) of water to North San Joaquin Water Conservation District (NSJWCD) for the Demonstration Recharge Extraction and Aquifer Management (DREAM) Project. SWRCB previously approved a temporary change petition in March 2018 allowing the transfer of up to 1,000 AF of water. In July 2018, NSJWCD had to stop diversions due to maintenance issues at the South Station Pump (diverting only 104 AF). The new petition will allow transfer of the remainder 1,000 AF of water to complete the project.

On January 22 and 29, staff met with the Secretaries of Natural Resources and the California Environmental Protection Agency, respectively, to develop a Delta basin-wide Voluntary Settlement Agreement (VSA) for the Water Quality Control Plan (WQCP) update. Bay-Delta stakeholders plan to submit a VSA to the State Water Resources Control Board by March 1. Staff completed a technical analysis to determine flow and habitat needs as a function of the salmon doubling goal. The analysis concluded that the flows offered under the Mokelumne VSA will satisfy the habitat needs to achieve the fishery doubling goal.

Precipitation. The East Bay precipitation for January was 5.00 inches (93 percent of average) and the season total was 11.40 inches (75 percent of average). The Mokelumne precipitation for January was 10.65 inches (122 percent of average) and the season total was 24.27 inches (93 percent of average).

Water Releases

Camanche Reservoir. The average rate of Camanche release for January was 506 cfs (476 cfs generation, 3 cfs sluice, and 27 cfs through the hatchery), and the average flow below Woodbridge Dam was 430 cfs, both in accordance with the Joint Settlement Agreement "Normal & Above" criteria.

East Bay Reservoirs. There were no East Bay reservoir releases in January.

Water Storage

Mokelumne reservoirs storage is 115 percent of average. As of January 31, 2019, Pardee was at 558.7 feet or 103 percent of average, and Camanche was at 221.5 feet or 123 percent of average. Combined Pardee and Camanche reservoir storage was 503,000 acre-feet compared to 498,000 acre-feet last year.

East Bay reservoirs storage is 92 percent of average. As of January 31, 2019, USL was at 444.7 feet or 97 percent of average, San Pablo was at 303.7 feet or 101 percent of average, and Briones was at 554.6 feet or 82 percent of average. Total terminal reservoir storage was 115,000 acre-feet compared to 128,000 acre-feet last year.

Mokelumne Aqueducts and Raw Water Pumping Plants. The average rate of Mokelumne Aqueduct draft for January 2019 was 115 MGD. Mokelumne Aqueduct No. 3 remained out of service in January for planned inspection and maintenance. Walnut Creek Raw Water Pumping Plant (RWPP) No. 2 was started on January 7 and pumped a total of 2,105 MG at an average rate of 84 MGD on two units. Moraga and Briones Raw Water Pumping Plants remained out of service for the month.

Water Production. Average rate of gross water production for January:

	January 2019	January 2018	January 2013	Average of FY 2005-2007
East of Hills	24 MGD	25 MGD	27 MGD	28 MGD
West of Hills	101 MGD	100 MGD	105 MGD	125 MGD
Total	125 MGD	125 MGD	132 MGD	153 MGD
Max Day Production	134 MGD (1/27/2019)	136 MGD (1/1/2018)	144 MGD (1/17/2013)	

Note: Data are all from preliminary daily operational reports and are subject to revision

WATER QUALITY AND ENVIRONMENTAL PROTECTION

In January, the District removed approximately 450 eucalyptus trees in the Oakland/Berkeley urban/watershed area as part of the Grizzly Peak Fuel Break Project. This multi-year project will selectively remove up to 2,000 eucalyptus trees covering 20 acres along the Grizzly Peak fuel break. The project is expected to be completed within eight years.

In January, staff completed the annual reporting requirement for the District’s recovery permit issued by U.S. Fish and Wildlife Service. The annual report described monitoring efforts and the locations and numbers of protected species that were handled in 2018. A recovery permit is required to study and/or conduct research with species that are listed as threatened and endangered by the federal government under the Endangered Species Act. The District’s recovery permit is necessary for staff to monitor species such as the California red-legged frog, the Alameda whipsnake, California tiger salamander, and Delta smelt.

In January, staff completed the annual reporting requirement for the District’s East Bay Habitat Conservation Plan (HCP). The report described HCP activities, monitoring and restoration projects completed for the benefit of HCP covered species such as California red-legged frog, Alameda whipsnake, and steelhead. The report was submitted to the U.S. Fish and Wildlife Service as required by the HCP.

In January, staff completed the annual mitigation and monitoring report on Pavon Creek and Scow Canyon for the San Pablo Dam Seismic Upgrade Project. The Pavon and Scow mitigation projects commenced in 2010, as a requirement for permits obtained for the San Pablo

Dam Seismic Upgrade Project. The report describes the development of wetlands at the site and sensitive species use of the site. This reporting is required for the first 10 years until the federal and state regulators approve the wetlands in 2020. After 2020, the mitigation project will require reporting in perpetuity as described in the Pavon and Scow long-term management plans. Staff also began removing the temporary irrigation system at Pavon Creek. The irrigation system was originally installed to support the establishment of vegetation as part of the mitigation requirement. The vegetation is now established and the irrigation system is no longer needed. The irrigation system is expected to be removed by March 2019.

In January, the District received the California Water Environment Association (CWEA) San Francisco Bay Section’s award for the Community Engagement and Outreach Project of the Year. The award recognized the September 2018 “Watershed to Bay” insert for the East Bay Express, which highlights the District’s work providing safe drinking water and treating wastewater to protect public health and the environment and advertised the Bay Area’s Coastal Cleanup Day.

In January, the District effectively managed increased flows in the wastewater system due to two major storms. All regulatory requirements for all wastewater facilities were met during the month. The increased flows were due to excessive infiltration and inflow in the satellite collection systems and private sewer laterals. The first storm occurred January 6-7 and resulted in 1.24 inches of rain in the wastewater service area. Peak flows at the Main Wastewater Treatment Plant (MWWTP) were 273 million gallons per day (MGD); blending was not needed but the wet weather storage basin was fully utilized. The Oakport Wet Weather Facility (WWF) and the Pt. Isabel WWF discharged a total of 26 million gallons (MG) and 10.7 MG returned to the interceptor system for conveyance and treatment at the MWWTP. The San Antonio Creek WWF was readied for activation but was not brought on line. The second storm occurred January 16-17 and resulted in 1.2 inches of rain in the wastewater service area. Peak flows at the MWWTP were 280 MGD; blending was needed and the wet weather storage basin was utilized. The Oakport WWF, the Pt. Isabel WWF, and the San Antonio Creek WWF discharged a total of 26.57 MG and 12 MG returned to the interceptor system for conveyance and treatment at the MWWTP.

In January, one industrial customer in the wastewater service area was issued a Notice of Violation (NOV) for exceeding the District’s local limit for pH. The pH NOV was issued to an alcoholic beverage manufacturer in Berkeley. The industrial customer is required to submit a corrective action plan and pay fees to cover the District’s re-inspection and sampling costs.

In January, the Alameda County Waste Management Authority issued a NOV to the District for improper disposal of wastes at the MWWTP. The violation cited a plastic bottle in the trash and trash in the organics dumpster. No fines will be imposed unless there is a repeat violation or the District takes no action in response to the NOV. The District is ensuring all trash receptacles are properly labeled, developing materials to lead discussions at staff meetings as well as to share with contractors working at the MWWTP, and increasing emails to staff communicating the importance of putting materials in the correct disposal bin.

In January, the Regional Water Quality Control Board conducted a routine five-year audit of the District's Pretreatment and Pollution Prevention Programs. The audit was similar to the Pretreatment Compliance Inspection (PCI) conducted in 2017, but more in-depth. The auditors will submit a report summarizing their findings in several months. Similar to the PCI conducted in 2017, staff will follow up on all recommendations identified and continue to make both specific and programmatic improvements to the District's programs and communicate these actions to the Regional Water Quality Control Board.

On January 1, chlorinated water was discharged from a main break into San Ramon Creek. The discharge originated from a leak on an 8-inch steel water main on El Capitan Drive in Danville. The estimated volume discharged was 46,000 gallons. The District reported the discharge to the State Water Resources Control Board (SWRCB), the Office of Emergency Services, and the California Department of Fish and Wildlife. On January 8, the District submitted a five-day report to the SWRCB.

On January 9, the Oakland Fire Department responded to a fire alarm at the Power Generation Station (PGS) at the MWWTP. The alarm was triggered by smoke in the basement of the PGS in an area where a contractor was removing existing cast iron piping that conveyed digester gas to the PGS engines and the boiler. The smoke was from combustible residue in the pipe being removed. There were no injuries and no damage to the facilities. The root cause of the incident was inadequate identification of the potential for this residue to develop in the pipe via the interaction over the years of the digester gas and the pipe material. Staff has improved their process for assessing job hazards during project planning and documented lessons learned from this incident within job safety plans.

On January 14, native riparian trees were planted in the Mokelumne River Day Use Area. Staff planted three valley oak, three cottonwood, and three black willow trees. The trees were planted to help meet floodplain restoration project objectives, mitigation requirements, and conditions of the erosivity waiver issued by the Central Valley Regional Water Quality Board.

On January 15, staff conducted an eagle survey. Staff observed nine bald eagles at Camanche Reservoir and two bald eagles and one golden eagle at Pardee Reservoir. The data was submitted to U.S. Fish and Wildlife Service for inclusion in a nationwide geographic summary.

Between January 16-17, staff met with the City of Berkeley (City) regarding the redesign of their solid waste transfer station. This station has the potential to produce food waste for codigestion at the MWWTP in the future. The City was very receptive to the District's suggestions. Staff will continue to have further discussions related to the redesign of the station.

On January 31, the District reported a release of digester gas to the Bay Area Air Quality Management District (BAAQMD). An investigation of the incident found a computer hardware failure at the MWWTP caused a loss of multiple control system signals causing the digester gas flares to close and pressure to increase in the digester gas system. The digester gas in the system vented from a pressure relief device. Once the digester gas flares were manually restored to

normal service the venting ceased. Staff is investigating the incident to further understand the root cause and develop corrective actions to prevent a reoccurrence. The District has requested that BAAQMD not consider this a violation since the cause of the release was equipment breakdown.

All authorized discharges from the MWWTP were in compliance with the permit limits for the month of January. This is the 233rd consecutive month that the MWWTP experienced no exceedances.

The District received no odor reports from the public in January.

INFRASTRUCTURE INVESTMENT

As of January 31, the pipeline replacement progress for fiscal year 2019 is at 9.68 miles; 64 percent of the 15-mile goal.

In January, staff conducted annual post-performance monitoring as required by a grant agreement for the Chabot Dam Seismic Upgrade Project. The original agreement had a ten-year monitoring requirement. The grant agency has recently changed reporting requirements from ten years to three years to reduce permit administration costs, while still ensuring appropriate expenditure of funds.

On January 22, staff completed renovations at the San Pablo Reservoir launch picnic area. The renovations included installing upgraded picnic tables and barbeques.

Staff completed design of the MWWTP Aerated Grit Screw Replacement Project under SD-399. This \$8.6 million project includes replacement of the main grit screw conveyors and concrete rehabilitation for eight grit tanks. This work is critical to improve reliability of the grit removal equipment. Construction is scheduled to take place over the next three summers and to be completed by October 2021.

Construction of the Mokelumne Aqueduct No. 1 Temperature Anchor Upgrade Project was completed under Specification 2115. The project involved demolition of an existing temperature anchor and construction of a new reinforced concrete pile supported temperature anchor and pile supported precast bents on Woodward Island and on Upper Jones Tract.

Construction of the Recoat Mokelumne Aqueduct No. 1 - Phase 12 Project was completed under Specification 2123. The project involved abrasive blasting and recoating 21,294 linear feet of 65-inch diameter Mokelumne Aqueduct No. 1 on Orwood Tract and Woodward Island.

Main Breaks in January totaled 90. The attached table lists the main breaks that were repaired by staff in December, sorted by city and street. The associated map shows the location of the breaks.

CUSTOMER AND COMMUNITY SERVICES

Eagle tours at Camanche and Pardee Reservoirs. In January, staff and volunteer docents guided approximately 150 visitors to view eagles and other wildlife. Visitors saw twenty adult bald eagles, four juvenile bald eagles, six red-tailed hawks, and four golden eagles.

In January, staff conducted several environmental education field trips. On January 15, seventeen kindergartners from Prospect Sierra School in El Cerrito planted buckeye seeds in the San Pablo watershed. On January 24, thirty kindergartners and 1st graders from Walden Center School in Berkeley planted willow bundles in the San Pablo watershed. On January 29, twenty-six 1st graders from Olinda Elementary School in El Sobrante planted willow bundles to restore Nunes Creek in the Pinole watershed.

In January, four public meetings were held on the District's Integrated Pest Management (IPM) program. The meetings were held in Oakland, Stockton, Valley Springs, and Walnut Creek.

On January 10, staff presented at the Delta Independent Science Board's workshop "Water Supply Reliability Estimation for Delta Water Uses" in Sacramento. The presentation topics included methods used to estimate water supply reliability, challenges to reliability planning, and directions to improve analyses.

On January 11, staff presented at the Bay Area Clean Water Agencies meeting in Oakland. The presentation topics included the Environmental Laboratory Accreditation Program's proposed regulations, the impact on utility laboratories and the need for early preparation to meet the new requirements.

On January 12, the District hosted Wolf Pack Events' 8th annual That Dam Run at San Pablo Reservoir. Approximately 120 people attended.

On January 14, staff presented at the Port of Oakland Trucker Workgroup meeting and Jack London Improvements Business District meeting on the upcoming South Interceptor 3rd Street Rehabilitation Phase 2 Project. Approximately 70 and 20 people, respectively, attended.

On January 15, staff presented to the East Bay Leadership Council in Walnut Creek. Staff provided information on the District's pipeline replacement program and an overview of the District's innovations and pilot programs.

On January 16, staff presented at the West Oakland Business Alert meeting on the upcoming South Interceptor 3rd Street Rehabilitation Phase 2 Project. Approximately 20 people attended.

Between January 17-20, the staff participated in the Sacramento International Sportsmen's Expo. Staff provided information on recreation areas at Pardee and Camanche, and Mokelumne area trails maps.

On January 22, staff participated on a panel at the Bay Area Air Quality Management District's first Climate Tech Network meeting in San Francisco. Staff discussed the District's use of codigestion to reduce greenhouse gas emissions from landfills and displace fossil fuel use. Staff will continue to engage with air regulators on permitting issues related to codigestion and resource recovery.

On January 23, staff presented at the California Association of Sanitation Agencies' Winter Conference in Indian Wells. The presentation topic was on the District's pretreatment program for cannabis permitting. Approximately 100 people attended.

On January 23, staff participated on a panel at the American Council of Engineering Companies (ACEC) meeting in San Francisco. The panel discussed upcoming water and wastewater capital improvement projects including potential regulatory drivers, alternative delivery methods, as well as opportunities and challenges facing water agencies in the next five years.

On January 23, the District held a public meeting on the Westside Pumping Plant Replacement Project in Orinda. Staff responded to questions related to traffic impacts, final paving conditions, emergency preparedness, and project notifications. Staff will post frequently-asked-questions on the project's District webpage. Approximately 10 people attended.

On January 26, the District hosted Wolf Pack Events' DU 3 Bears Duathlon and 5 Mile Run at San Pablo Reservoir. Approximately 100 people attended.

On January 30, the District participated in a meeting on accessory dwelling units held jointly by the Assembly Housing and Community Development Committee and the Assembly Local Government Committee in Sacramento. Staff provided information on the importance of connection fees and capacity charges to pay for the cost of maintaining infrastructure and water supply to meet new demand, as well as to assist with rate affordability by ensuring beneficiaries pay for the cost of development.

Media. Staff responded to media inquiries on water supply, precipitation, the status of trihalomethanes and water quality, use of 'flushable' bags for dog waste, smoke at the Wastewater Treatment Plant, and main breaks.

Social Media:

Social Platform	Popular Topic	Impression Generation	# Followers	Increase Over Last Month
Twitter	On the Job Profile	700	2,511	28
Facebook	On the Job Profile	260	833	7
LinkedIn	On the Job Profile	1,200	4,307	30
Nextdoor	Customer Pipeline January/February	Provided to residents in service area.		

Staff conducted public outreach to neighbors and interested parties on the following projects:

- Larkey Reservoir Rehabilitation Project (Walnut Creek)
- West of Hills Northern Pipeline, Wildcat Pipeline Project (Berkeley)
- Westside Pumping Plant Replacement Project (Orinda)

Customer Assistance Program (CAP) Update. The attached two tables list monthly statistics on CAP enrollment, delinquencies, payment plans, shut-offs, and service restoral for disconnect for non-payment.

Contract Equity

On January 25, staff participated in Alameda County Public Works Agency’s *Business Opportunities for Business (B.O.B) Construction Contracting Opportunities Workshop and Breakfast in Hayward*. Staff provided information on the District’s 2019 Construction Contract opportunities, discussed how to do business with the District and provided program information to businesses. Approximately 40 people attended.

Staff participated in the following business community events:

- January 8 - Oakland Latino Chamber, January Networking Mixer – 25 attended
- January 10 - American Indian Chamber of Commerce of California, Corporate Advisory Committee Meeting, Teleconference – 25 attended
- January 26 - Oakland Latino Chamber – 2019 Board Planning Retreat, San Francisco – 22 attended

Water Conservation

On January 8, staff presented at the ReScape California’s Bay-Friendly Maintenance Training in Oakland. Topics include the District’s water conservation landscape rebate and water recycling programs. Approximately 60 people attended.

On January 28, staff presented at the Landscape Advisory Committee’s (LAC) general meeting in Oakland. Topics included an overview and tips to compliance to EBMUD’s Water Efficient Landscape Review, the District’s current water supply, LAC projects, landscape water budgets, and upcoming events. Approximately 60 people attended.

WORKFORCE PLANNING AND DEVELOPMENT

Staff Rotation Program Update. In January, one employee completed their six-month rotation assignment, while six employees commenced their six-month rotation where they will broaden their experience and enhance their skills by working in a new work unit. These rotations provide staff with a better understanding of how their regular work assignments complement and connect with other District work groups.

On January 9, staff toured San Diego County Water Authority’s project to insert a 66-inch welded steel liner within an existing 69-inch pre-stressed concrete cylinder pipe that is at risk of failure. This relining technique is being considered for the District’s Lafayette Aqueduct No. 1 Relining Project, a cast-in-place reinforced concrete pipeline that has an extensive leak history.

On January 18, the District hosted the United States Environmental Protection Agency’s Wastewater Pretreatment 101 Seminar. This seminar provided an opportunity for staff to receive low-cost training involved with wastewater pretreatment. Approximately 100 people attended.

Staff participated in events/activities that support the District’s long-term efforts to develop a diverse pipeline of candidates for our future workforce needs, and develop collaborative relationships with local partner organizations as follows:

- **January 17 - staff attended the 22nd Annual Swords to Plowshares Veterans Dinner in San Francisco.** The dinner was in support of employment and job training to veterans in the Bay Area. The dinner included the Profiles of Courage Awards Ceremony which honors veterans who have dramatically changed their lives through their program. Approximately 500 people attended.
- **January 22 - staff participated in the 19th Annual Diversity Employment Day Career Fair in Oakland.** Staff provided information regarding District job ladders, current openings and upcoming recruitments. Approximately 200 people attended.
- **January 23 - staff attended the Kennedy High School Annual Career Day in Richmond.** Staff provided information on District careers and high school internships with a 98 percent minority student population. Approximately 100 people attended.

- **January 30 - staff participated in the University of California, Davis Engineering and Physical Science Career Fair.** Staff provided information on the District's application and recruiting process.

Tuition Reimbursement

	January 2019	FY19 Total
# of Employees	34	143
# of Classes	50	184
Total Reimbursed	\$31,086	\$139,627

Employment Information

	January 2019	FY19 Total
Retirements – Regular	5	47
Retirements – Vested	0	4
Hires/Rehires	11	121
Other Separations	10	36

FINANCIAL STABILITY

There were no material, supply or construction contracts from \$80,001 to \$100,000 approved by the General Manager in December 2018.

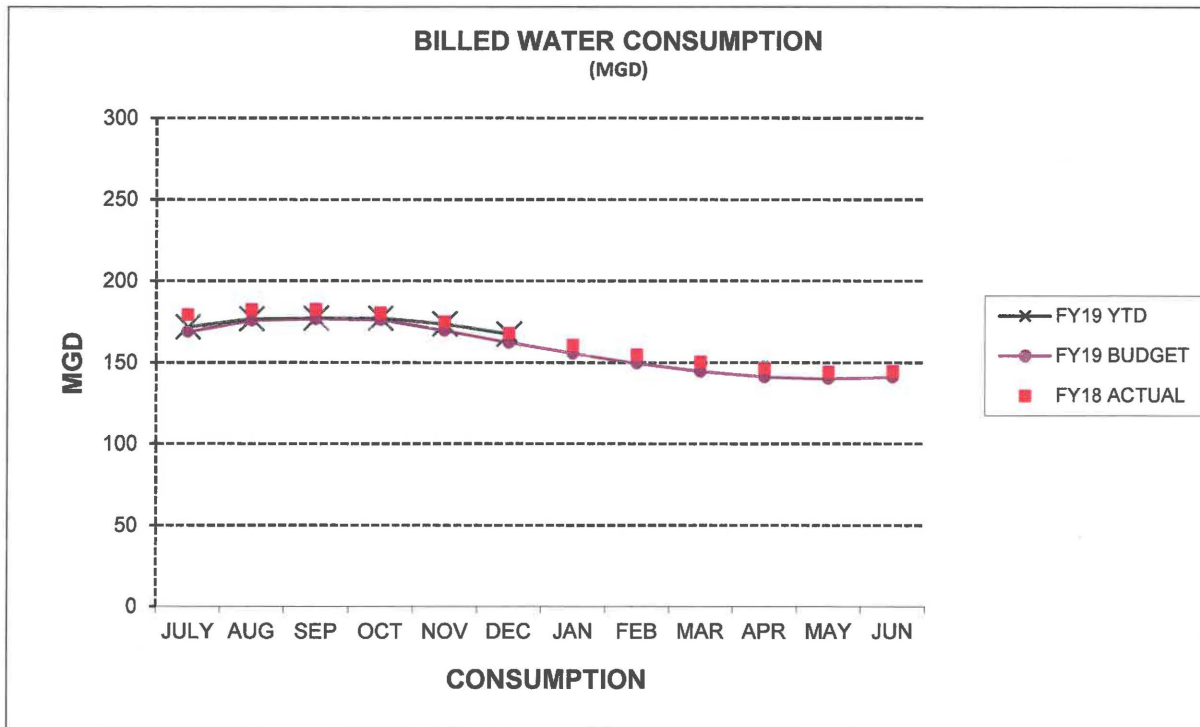
The construction contract with C. Overaa & Co. for the Sobrante and Upper San Leandro Water Treatment Plants Ozone Systems Improvement Project requires an increase in the change order contingency. This increase is needed to address continued unforeseen conditions and to settle potential claims. It is estimated that the change order contingency will need to be raised to 8,200,560 or 24 percent of the original contract amount of \$34,169,000.

The estimated Net Mokelumne Power Revenue for January was \$672,340. The District sold renewable power and related Renewable Energy Credits (REC) to MCE. Sales of RECs generated \$112,800. Resource Adequacy capacity revenue from 3Phases Renewables Inc. totaled \$36,356. Net Mokelumne power revenue through January is estimated at \$3,083,985 which is 83.4 percent of the FY19 budgeted \$3,700,000. The FY19 total revenue forecast is \$6.8 million.

Water Sales (Consumption)

The following consumption information is the average water consumption in million gallons per day (MGD) for the first six months of FY19. While the budgeted FY19 average daily water consumption is 141 MGD, consumption is projected to be higher in the summer months and, therefore in the first half of the fiscal year, due to outdoor watering. The table below shows the average billed water consumption information by customer class with a comparison to FY18 data for the same period. FY19 water consumption to date is approximately the same as FY18 water consumption.

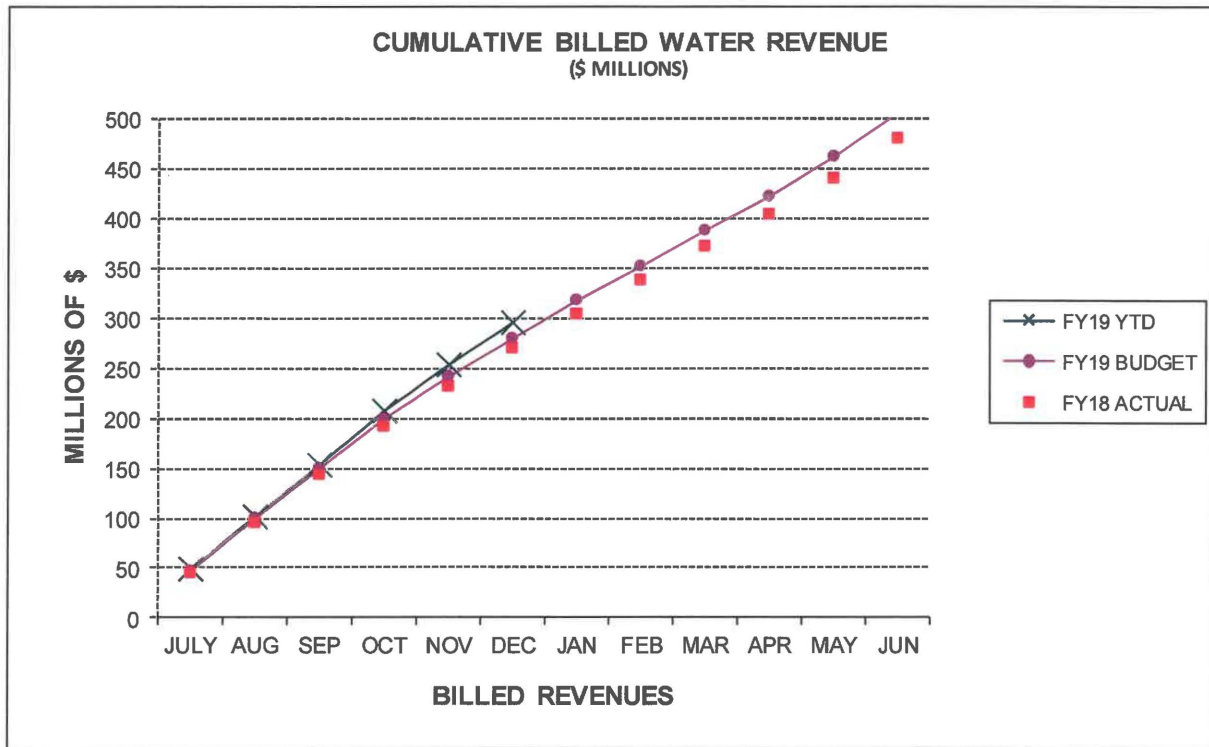
Fiscal Year-to-Date Billed Water Consumption			
Usage Type	FY19 (MGD)	FY18 (MGD)	Year-over-Year (% change)
Residential	87.2	87.3	-0.1%
Commercial	55.3	56.1	-1.4%
Industrial	17.0	16.3	4.3%
Public Authority	7.9	8.1	-2.5%
Total Billed Water Consumption	167.4	167.8	-0.2%



Source: Customer Information System

Water Sales (Revenue)

Water revenues billed through December were \$295.5 million or approximately 9.4% greater than the FY18 December revenue of \$270.0 million. Total FY19 water revenues through December are greater than the budgeted water revenue of \$280.7 million by \$14.8 million or 5.3%.



Source: Customer Information System

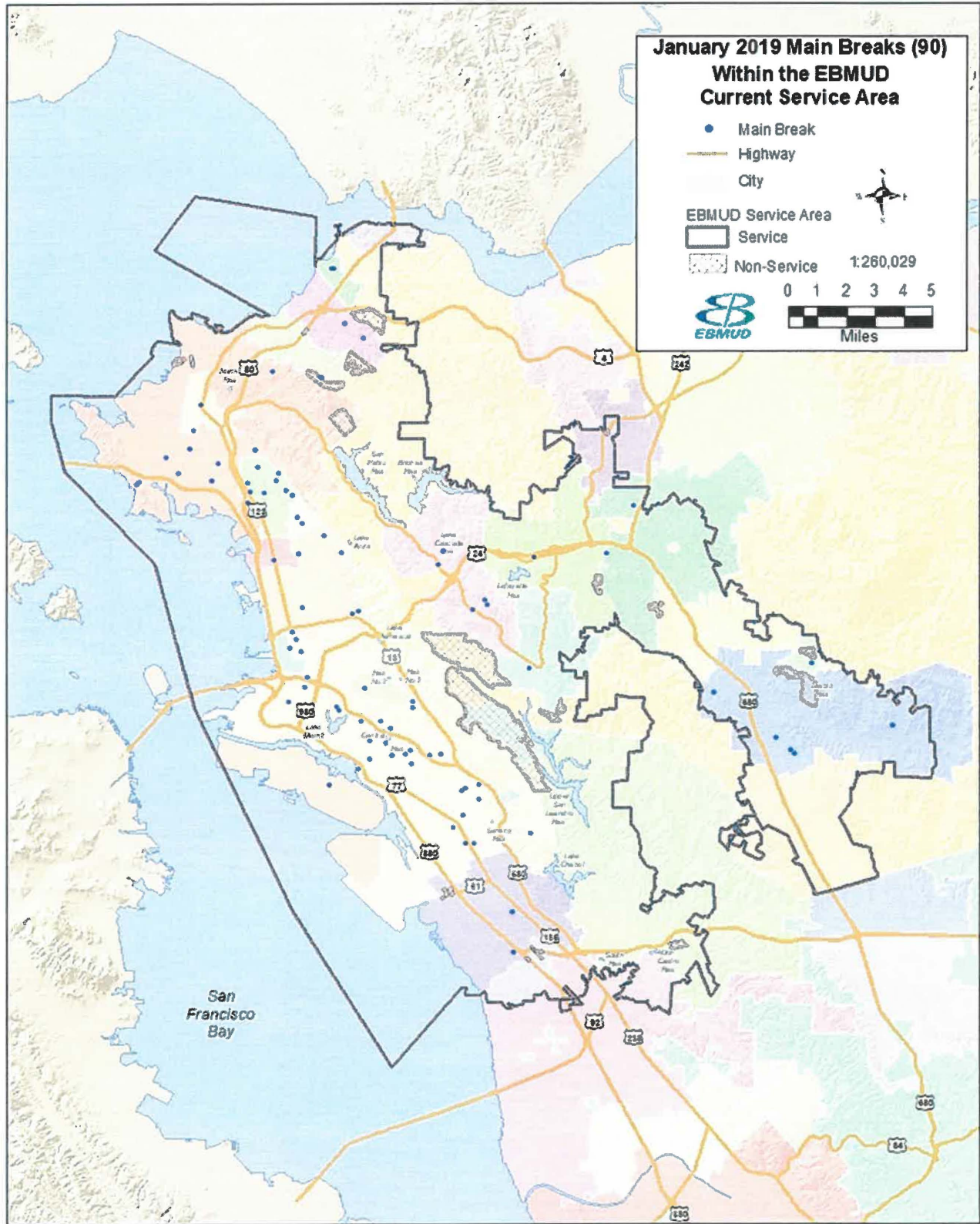
JANUARY 2019 MAIN BREAKS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
ALAMEDA		SANTA CLARA	AVE	CAST IRON	6.00	1946	1,800	1/1/2019	1/1/2019	Yes
ALBANY		SAN PABLO	AVE	CAST IRON	4.00	1934	7,200	1/26/2019	1/26/2019	Yes
ALBANY		TULARE	AVE	CAST IRON	4.00	1921	43,200	1/8/2019	1/22/2019	No
ALBANY		TULARE	AVE	CAST IRON	4.00	1921	2,880	1/23/2019	1/23/2019	Yes
BERKELEY		AVALON	AVE	CAST IRON	6.00	1938	14,400	1/18/2019	1/19/2019	Yes
BERKELEY		DWIGHT	WAY	CAST IRON	6.00	1940	2,880	1/30/2019	1/31/2019	Yes
BERKELEY		HILLDALE	AVE	CAST IRON	4.00	1940	4,320	1/23/2019	1/25/2019	Yes
BERKELEY		STEVENSON	AVE	CAST IRON	4.00	1946	14,400	1/21/2019	1/22/2019	Yes
DANVILLE		BOURNE	LN	STEEL	12.00	1996	0	12/31/2018	1/30/2019	Yes
DANVILLE		EL CAPITAN	DR	ASBESTOS CEMENT	8.00	1976	2,880	1/1/2019	1/2/2019	Yes
DANVILLE		MARIAN	LN	ASBESTOS CEMENT	6.00	1961	14,400	1/2/2019	1/3/2019	Yes
DANVILLE		SILVER LAKE	DR	ASBESTOS CEMENT	6.00	1977	7,200	12/31/2018	1/4/2019	Yes
DANVILLE		ST REGIS	DR	ASBESTOS CEMENT	8.00	1977	1,350	1/15/2019	1/16/2019	Yes
DIABLO		CABALLO RANCHERO	DR	STEEL	8.00	1960	0	12/10/2018	1/4/2019	Yes
EL CERRITO		DEVONSHIRE	DR	CAST IRON	6.00	1927	3,600	1/3/2019	1/4/2019	Yes
EL CERRITO		LAGUNITAS	AVE	CAST IRON	6.00	1937	4,500	1/10/2019	1/10/2019	Yes
EL CERRITO		LAWRENCE	ST	CAST IRON	6.00	1940	1,800	1/3/2019	1/3/2019	Yes
EL CERRITO		LEXINGTON	AVE	CAST IRON	4.00	1946	8,640	1/2/2019	1/7/2019	Yes
EL CERRITO		LIBERTY	ST	ASBESTOS CEMENT	6.00	1961	0	1/21/2019	1/21/2019	Yes
EL CERRITO		TERRACE	DR	STEEL	6.00	1970	900	1/3/2019	1/4/2019	Yes
EL CERRITO		VILLA NUEVA	DR	CAST IRON	6.00	1949	43,200	1/24/2019	1/25/2019	Yes
EL CERRITO		VISTA	RD	CAST IRON	6.00	1950	4,500	1/27/2019	1/28/2019	Yes
EL SOBRANTE		KELVIN	RD	CAST IRON	6.00	1941	8,640	1/3/2019	1/8/2019	Yes
EMERYVILLE		59TH	ST	CAST IRON	10.00	1923	72,000	1/12/2019	1/12/2019	Yes
HERCULES		BEECHNUT	DR	ASBESTOS CEMENT	6.00	1979	4,500	1/25/2019	1/26/2019	Yes
HERCULES		LUPINE	RD	STEEL	12.00	1976	17,280	12/28/2018	1/2/2019	Yes
KENSINGTON		ARDMORE	RD	CAST IRON	6.00	1937	18,000	1/28/2019	1/28/2019	Yes
KENSINGTON		SUNSET	DR	CAST IRON	6.00	1946	4,500	1/22/2019	1/22/2019	Yes

**KPI = turn around time to repair the leak*

JANUARY 2019 MAIN BREAKS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
LAFAYETTE		MT DIABLO	BL	ASBESTOS CEMENT	8.00	1974	1,350	1/10/2019	1/11/2019	Yes
LAFAYETTE		SUNSET	LP	CAST IRON	6.00	1945	18,000	1/14/2019	1/14/2019	Yes
MORAGA		CYPRESS POINT	WAY	ASBESTOS CEMENT	6.00	1975	0	1/8/2019	1/15/2019	Yes
OAKLAND	E	17TH	ST	CAST IRON	6.00	1939	11,520	1/28/2019	1/31/2019	Yes
OAKLAND		21ST	ST	CAST IRON	4.00	1911	900	1/8/2019	1/8/2019	Yes
OAKLAND	E	28TH	ST	CAST IRON	4.00	1948	900	1/2/2019	1/3/2019	Yes
OAKLAND		67TH	ST	CAST IRON	6.00	1927	28,800	1/4/2019	1/5/2019	Yes
OAKLAND		69TH	AVE	CAST IRON	6.00	1927	50,400	1/4/2019	1/10/2019	Yes
OAKLAND		69TH	AVE	CAST IRON	6.00	1927	4,320	1/14/2019	1/16/2019	Yes
OAKLAND		85TH	AVE	CAST IRON	4.00	1911	21,600	1/8/2019	1/10/2019	Yes
OAKLAND		97TH	AVE	ASBESTOS CEMENT	6.00	1961	810	1/14/2019	1/14/2019	Yes
OAKLAND		99TH	AVE	CAST IRON	4.00	1953	11,520	1/3/2019	1/10/2019	Yes
OAKLAND		37TH	ST	CAST IRON	4.00	1904	14,400	1/7/2019	1/8/2019	Yes
OAKLAND		82ND	AVE	CAST IRON	6.00	1927	36,000	1/18/2019	1/22/2019	Yes
OAKLAND		AILEEN	ST	CAST IRON	12.00	1951	7,200	1/18/2019	1/22/2019	Yes
OAKLAND		BYWOOD	DR	CAST IRON	6.00	1938	0	12/11/2018	1/7/2019	Yes
OAKLAND		CARTER	ST	CAST IRON	6.00	1940	8,640	1/28/2019	1/29/2019	Yes
OAKLAND		CIRCLE HILL	DR	CAST IRON	4.00	1949	990	1/2/2019	1/3/2019	Yes
OAKLAND		CLAREMONT	AVE	STEEL	30.00	1957	1,350	1/10/2019	1/11/2019	Yes
OAKLAND		ELSTON	AVE	CAST IRON	4.00	1933	17,280	1/8/2019	1/11/2019	Yes
OAKLAND		GREENWOOD	AVE	CAST IRON	6.00	1929	8,640	1/10/2019	1/11/2019	Yes
OAKLAND		HERZOG	ST	CAST IRON	6.00	1951	72,000	1/1/2019	1/1/2019	Yes
OAKLAND		HUMBOLDT	AVE	CAST IRON	6.00	1925	630	1/9/2019	1/9/2019	Yes
OAKLAND		HUMBOLDT	AVE	CAST IRON	6.00	1936	270	1/16/2019	1/16/2019	Yes
OAKLAND		HYDE	ST	CAST IRON	6.00	1935	6,300	1/7/2019	1/8/2019	Yes
OAKLAND		HYDE	ST	CAST IRON	6.00	1935	1,800	1/17/2019	1/17/2019	Yes
OAKLAND		LIVINGSTON	ST	CAST IRON	6.00	1943	450	1/2/2019	1/2/2019	Yes
OAKLAND		MACARTHUR	BL	CAST IRON	4.00	1911	30,240	12/31/2018	1/2/2019	Yes
OAKLAND		MARKET	ST	CAST IRON	6.00	1937	0	1/7/2019	1/7/2019	Yes

JANUARY 2019 MAIN BREAKS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
OAKLAND		NEVIL	ST	CAST IRON	6.00	1929	1,800	1/2/2019	1/2/2019	Yes
OAKLAND		OUTLOOK	AVE	CAST IRON	4.00	1927	0	1/24/2019	1/25/2019	Yes
OAKLAND		PERKINS	ST	CAST IRON	8.00	1929	1,350	1/17/2019	1/18/2019	Yes
OAKLAND		RODERICK	RD	CAST IRON	6.00	1948	720	1/10/2019	1/10/2019	Yes
OAKLAND		SPRUCE	ST	CAST IRON	12.00	1930	17,280	1/19/2019	1/24/2019	Yes
OAKLAND		STEELE	ST	CAST IRON	6.00	1925	3,600	1/3/2019	1/3/2019	Yes
OAKLAND		UNION	ST	CAST IRON	6.00	1928	11,520	1/22/2019	1/25/2019	Yes
OAKLAND		VAN BUREN	AVE	CAST IRON	6.00	1923	2,700	1/17/2019	1/17/2019	Yes
OAKLAND		WALLACE	ST	CAST IRON	6.00	1933	2,700	1/7/2019	1/7/2019	Yes
ORINDA		CAMINO SOBRANTE		CAST IRON	6.00	1934	2,250	1/3/2019	1/3/2019	Yes
ORINDA		CAMINO SOBRANTE		CAST IRON	8.00	1934	1,800	1/14/2019	1/15/2019	Yes
ORINDA		MORAGA	WAY	CAST IRON	8.00	1934	14,400	1/24/2019	1/28/2019	Yes
ORINDA		ORINDA	WAY	CAST IRON	8.00	1934	0	12/11/2018	1/7/2019	Yes
ORINDA		VIRGINIA	DR	CAST IRON	6.00	1945	8,910	1/3/2019	1/3/2019	Yes
ORINDA		WOODCREST	DR	ASBESTOS CEMENT	6.00	1973	4,500	1/10/2019	1/10/2019	Yes
PIEDMONT		ARBOR	DR	CAST IRON	6.00	1951	1,350	1/7/2019	1/7/2019	Yes
PINOLE		ADOBE	RD	NON METALLIC / PLASTIC	6.00	1992	1,350	1/2/2019	1/2/2019	Yes
RICHMOND		3RD	ST	CAST IRON	6.00	1933	9,000	1/9/2019	1/9/2019	Yes
RICHMOND	S	58TH	ST	CAST IRON	6.00	1938	1,350	1/5/2019	1/5/2019	Yes
RICHMOND		37TH	ST	CAST IRON	4.00	1941	1,800	1/13/2019	1/13/2019	Yes
RICHMOND		FLORIDA	AVE	ASBESTOS CEMENT	4.00	1937	28,800	1/11/2019	1/12/2019	Yes
RICHMOND		KENSINGTON	AVE	CAST IRON	6.00	1937	7,200	1/2/2019	1/2/2019	Yes
RICHMOND		PENNSYLVANIA	AVE	CAST IRON	8.00	1925	21,600	1/27/2019	1/31/2019	Yes
RICHMOND	E	RICHMOND	AVE	CAST IRON	12.00	1942	9,000	1/1/2019	1/2/2019	Yes
RICHMOND		STEGE	AVE	CAST IRON	4.00	1935	28,800	12/31/2018	1/3/2019	Yes
RICHMOND		TUNNEL	AVE	CAST IRON	6.00	1936	2,880	1/9/2019	1/10/2019	Yes
RODEO		3RD	ST	CAST IRON	6.00	1946	8,640	12/31/2018	1/5/2019	Yes
RODEO		PINOLE	AVE	CAST IRON	4.00	1946	9,000	1/16/2019	1/16/2019	Yes

JANUARY 2019 MAIN BREAKS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
SAN LEANDRO		BEATRICE	ST	CAST IRON	6.00	1947	1,350	1/2/2019	1/2/2019	Yes
SAN LEANDRO		IVY	CT	CAST IRON	4.00	1942	720	1/5/2019	1/5/2019	Yes
SAN PABLO		LOVEGROVE	ST	CAST IRON	6.00	1948	20,160	1/8/2019	1/14/2019	Yes
SAN PABLO		SANFORD	AVE	CAST IRON	6.00	1937	2,880	1/18/2019	1/18/2019	Yes
WALNUT CREEK		ENCINAL	DR	ASBESTOS CEMENT	6.00	1960	10,080	1/8/2019	1/14/2019	Yes
TOTAL							904,770			



Customer Account Delinquency Information January 2019

(Data collection began September 1, 2017)

CUSTOMER ASSIST. PROGRAM (CAP) ENROLLMENT	October ²	November ⁴	December ⁵	January	Totals
New CAP Participants	158	83	79	144	2,579
CAP Renewals	129	67	76	160	2,341
CAP Departures	125	133	137	179	2,104
Total Active CAP Participants w/Active Accounts	6,753	6,779	6,805	6,851	
PAYMENT PLANS	October	November	December	January	Totals
Approved Payment Plans	5,060	4,768	5,161	5,419	86,775
Payment Plans Established After Service Interruptions	29	14	53	48	916
SERVICE INTERRUPTIONS - RESIDENTIAL	October	November	December	January	Totals
15-day Final Collection Notices	18,265	15,104	17,438	14,731	268,191
48-hr Service Interruptions Notices	9,391	8,098	8,318	8,958	139,513
Service Interruption Orders Created	3,098	2,726	2,245	3,832	46,065
Service Interruptions Completed (Actual)	881	445	859	1,101	13,227
CAP Enrolled Service Interruptions	31	17	28	41	529
WATER THEFT	October	November	December	January	Totals
No. of Incidents	15	10	8	20	180
No. of 2nd or 3rd Occurrences	-	-	2	3	12
No. Water Theft Penalties Issued	4	9	8	10	120
No. of Appeals Received	-	-	-	1	7
No. of 1st Appeals Approved	-	-	-	1	4
No. of 1st Appeals Denied	-	-	-	-	5
Multi-Family Liens ¹	October	November	December	January	Totals
Liens Filed	155	12	121	130	2,199
Released	52	8	35	48	880
Transferred to Alameda Cty.	-	-	-	-	1,356
Transferred to Contra Costa Cty.	-	-	-	-	303
Total/Month	207	20	156	178	4,738

¹ Liens filed monthly represents delinquent accounts 4-6 months in arrears.

BAD DEBT - WRITE OFFS	October	November	December	January	Totals
Total Referred to Collection Agency	\$217,856	\$163,193	\$152,051	TBD ³	\$ 2,556,666
Write-Off % to Billed Revenue	0.36%	0.30%	0.31%	TBD ³	

² CAP Approvals (new and renewal) information up to October 24, 2018

³ Information not available until the 20th of the month and will lag one month

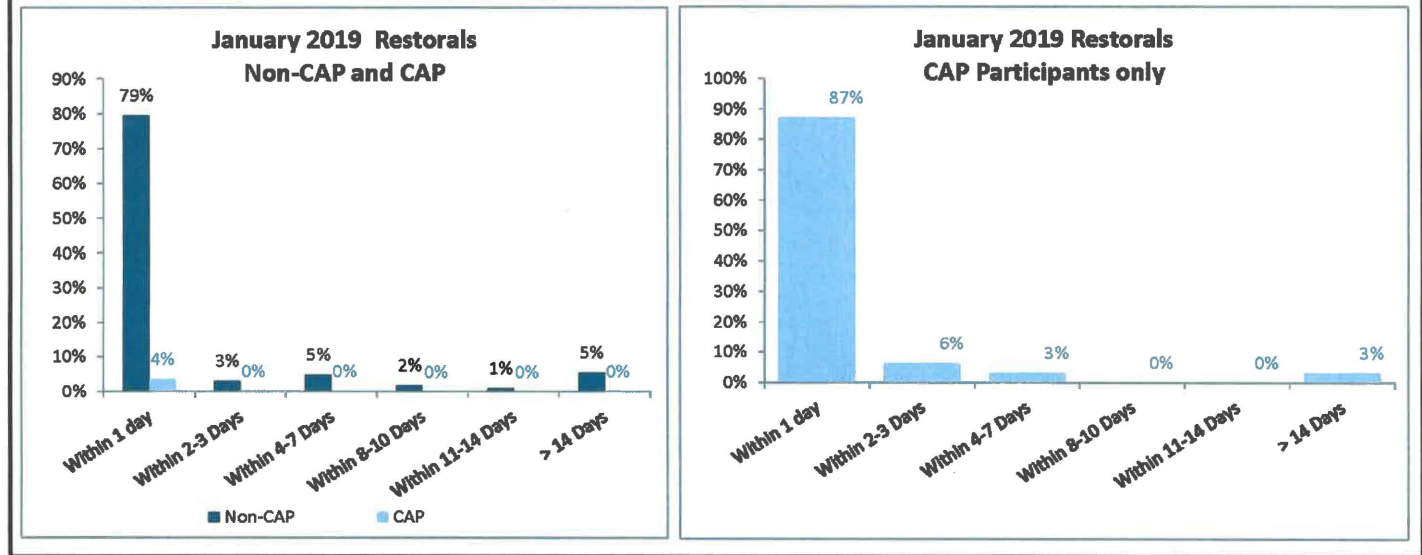
⁴ CAP Approvals (new and renewal) information up to 11/19/2018

⁵ CAP Approvals (new and renewal) information up to 12/14/2018

Water Theft Type/City	Alameda	Albany	Berkeley	Danville	Hayward	Oakland	Pinole	Richmond	Rodeo	San Leandro	San Pablo	San Ramon	Total as of 9/1/2017
Meter	1	1	4	1	3	129	2	29	3	3	1	2	179
Illegal Connection	-	-	-	-	-	1	-	-	-	-	-	-	1
Hydrant	-	-	-	-	-	-	-	-	-	-	-	-	0
Total	1	1	4	1	3	130	2	29	3	3	1	2	180

Restoral for Service Interruptions for Non-Payment									
January 2019									
(Data collection began July 1, 2018)									
	November			December			January		
	Total	Non-CAP	CAP	Total	Non-CAP	CAP	Total	Non-CAP	CAP
Within 1 day/Self-Restore	261	246	15	458	443	15	623	596	27
Within 2-3 Days	22	22	0	38	36	2	26	24	2
Within 4-7 Days	12	11	1	46	45	1	37	36	1
Within 8-10 Days	4	4	0	18	17	1	14	14	0
Within 11-14 Days	5	5	0	13	13	0	8	8	0
> 14 Days	25	24	1	37	34	3	42	41	1
Totals	329	312	17	610	588	22	750	719	31

Note: Number of January Service Interruptions (CAP Service Interruptions): 1,101 (41)



DATE: February 7, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Rischa S. Cole, Secretary of the District *RSC*

SUBJECT: Finance/Administration Committee Minutes – January 22, 2019

Chair William B. Patterson called to order the Finance/Administration Committee meeting at 8:01 a.m. in the Training Resource Center. Directors John A. Coleman and Frank Mellon were present at roll call. Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Director of Finance Sophia D. Skoda, Treasury Manager Robert L. Hannay, Special Assistant to the General Manager Douglas Wallace, and Secretary of the District Rischa S. Cole.

Public Comment. None.

Monthly Investment Transactions Reports. Director of Finance Sophia D. Skoda reviewed the reports for November and December 2018 and reported the District's investments were currently earning slightly above 2 percent in interest. The Committee raised no questions. It was moved by Director Mellon, seconded by Director Coleman and unanimously carried (3-0) to forward the reports to the Board for consideration.

Interest Rate Swap Portfolio Summary Report. Treasury Manager Robert L. Hannay provided a status update on District swap agreements as of December 30, 2018 in accordance with Procedure 468 - Interest Rate Swap Procedure. He reported the District has reduced the amount of outstanding debt that is swapped to 4.5 percent of the Water System's revenue bonds outstanding and that there are currently no outstanding swaps associated with the Wastewater System. The Committee raised no questions. It was moved by Director Mellon, seconded by Director Coleman and unanimously carried (3-0) to accept the report.

Quarterly Financial Reports. Director of Finance Sophia D. Skoda stated the quarterly reports were filed in compliance with government statutes. The reports cover investment transactions along with quarterly payroll, disbursements and real estate summary reports for the Water and Wastewater Systems covering the period October 1 through December 31, 2018. In conclusion, she highlighted the transactions and corresponding projects contained in the real estate transactions report. The Committee raised no questions. It was moved by Director Mellon, seconded by Director Coleman and unanimously carried (3-0) to accept the reports.

Adjournment. Chair Patterson adjourned the meeting at 8:06 a.m.

ARC/RSC

