



185 N. McPherson Rd.
Orange, Ca 92869

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BOARD OF DIRECTORS

April 16, 2018

Douglass S. Davert
President

Richard B. Bell
Vice President

John Dulebohn
Director

Seymour (Sy) Everett
Director

John L. Sears
Director

Lisa Ohlund
General Manager

**Board of Directors
East Orange County Water District
185 N. McPherson Road
Orange, CA 92869**

Dear Members of the Board:

Please be advised that the regular meeting of the Board of Directors of the East Orange County Water District will be held on Thursday, April 19, 2018, at 3:00 p.m. in the offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California. Please take note of the modified start time.

Enclosed please find the agenda for the meeting.

Sincerely,

EAST ORANGE COUNTY WATER DISTRICT

**By:  Jeff Hoskinson
District Secretary**

JAH:pks

Enclosures

cc: Mailing List

AGENDA

EAST ORANGE COUNTY WATER DISTRICT
(EOCWD)

Thursday,
April 19, 2018
185 N. McPherson Road, Orange, California

3:00 p.m.

1. **Call Meeting to Order; Pledge of Allegiance – Director Davert**
2. **Public Communications to the Board**
3. **Addition of Items Arising After Posting of Agenda Requiring Immediate Action**
(Requires 2/3 vote or unanimous vote if less than 2/3 of members are present)

Recommended Motion: “THAT IT BE DETERMINED THAT THE NEED TO TAKE IMMEDIATE ACTION ON [SPECIFY ITEM(S)] CAME TO THE DISTRICT’S ATTENTION AFTER POSTING OF THE AGENDA AND THAT SUCH ITEM(S) BE ADDED TO THE AGENDA”

4. **Consent Calendar** (all matters listed are recommended for enactment without discussion by a single motion; a member of the Board may request that any item be removed for discussion)

Recommended Motion: “THAT THE CONSENT CALENDAR ACTIONS BE ADOPTED AS FOLLOWS:”

- A. Minutes (Exhibit “A”): “THAT THE MINUTES OF THE MARCH 15, 2018 REGULAR MEETING OF THE BOARD BE APPROVED AS SUBMITTED.”
- B. General Manager’s Report (Exhibit “B”): “THAT THE GENERAL MANAGER’S REPORT BE RECEIVED AND FILED.”
- C. Notification of Retail Zone Rate Increase (Exhibit “C”): “THAT THE NOTIFICATION OF RETAIL ZONE RATE INCREASE BE RECEIVED AND FILED.”
- D. Acceptance of Open Trench Sewer Line Replacement Project – Beador Construction (Exhibit “D”): “THAT THE BOARD ACCEPT THE OPEN TRENCH SEWER LINE REPLACEMENT PROJECT AND AUTHORIZE THE GENERAL MANAGER, OR DESIGNEE, TO FILE A NOTICE OF COMPLETION FOR SAID PROJECT.”

5. Operation, Management and Construction Matters

- A. Communications Plan (Exhibit “E”)

Recommended Motion: “THAT THE BOARD APPROVE THE COMMUNICATIONS PLAN, AS PRESENTED, AND DIRECT STAFF TO IMPLEMENT ITS PROVISIONS.”

- B. Wholesale Zone Low Demand Operations Plan and Funding Program Update (Exhibit “F”):

Recommended Motion: Information Only

- C. Septic Conversions – Vista Del Lago Update (Exhibit “G”):

Recommended Motion: Information Only

6. Financial Matters

- A. Approval of schedules of disbursements (Exhibit “H”)

- B. Report on investments / ratification of investment activity (Exhibit “I”)

- C. Receipt and filing of financial statements (February 28, 2018) – (Exhibit “J”)

Recommended Motion: “THAT THE SCHEDULES OF DISBURSEMENTS FOR CONSIDERATION BE APPROVED AS SUBMITTED, THAT THE SCHEDULES OF INVESTMENTS BE RATIFIED AND APPROVED, AND THAT THE FINANCIAL STATEMENTS AND REPORTS BE RECEIVED AND FILED”

- D. Auditing Services Contract for Fiscal Years 2018-2022 (Exhibit “K”)

Recommended Motion: “THAT THE BOARD APPROVE A THREE YEAR CONTRACT FOR AUDITING SERVICES WITH DAVISFARR CPAs FOR AN AMOUNT NOT TO EXCEED \$76,210.”

7. Miscellaneous Matters

- A. Wholesale and retail water usage report – March 2018 (Exhibit “L”)

Recommended Motion: “THAT THE WHOLESALE AND RETAIL WATER USAGE REPORT BE RECEIVED AND FILED”

- B. Directors’ reports on meetings attended at District expense (Government Code Section 53232.3) and Directors’ comments. Directors or staff may ask questions for clarification, make brief announcements, and make brief reports on their own activities. Directors may provide a reference to staff or other resources for factual information, request staff to report back at a subsequent meeting concerning a matter, or direct staff to place a matter on a future agenda (Government Code § 54954.2)

C. Regional/State Issues (Exhibit “M”)

8. Informational Items

A. General interest publications (Attachment “1”)

9. Closed Session

A. Claimant: Beador Construction

B. Conference with Legal Counsel – existing litigation pursuant to paragraph (1) of subdivision (d) of Government Code Section 54956.9 – *Irvine Ranch Water District v. Orange County Water District*, Case No. 30-2016-00858584-CU-WMCJC.

C. Open session: Report Out of Closed Session

10. Adjournment

The scheduled date of the next Regular Meeting of the Board of Directors is **May 17, 2018**, at 5:00 p.m., in the offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the East Orange County Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board are available for public inspection in the District’s office, 185 N. McPherson Road, Orange, California (“District Office”). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available at the reception desk of the District Office during business hours at the same time as they are distributed to the Board members, except that if such writings are distributed less than one hour prior to, or during, the meeting, they will be available in the meeting room of the District Office.

Disability-related accommodations: The East Orange County Water District Board of Directors meeting room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.) please contact Sylvia Prado in the District Office at (714) 538-5815 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternative format upon written request to Sylvia Prado in the District Office, at least seventy-two (72) hours prior to the scheduled meeting.

MINUTES OF THE REGULAR MEETING
OF THE BOARD OF DIRECTORS OF
EAST ORANGE COUNTY WATER DISTRICT

March 15, 2018

1. Call to Order. A Regular Meeting of the Board of Directors of the East Orange County Water District was called to order by DOUGLASS DAVERT, Director, at 5:00 p.m. on Thursday, March 15, 2018, in the offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California. JEFF HOSKINSON, Secretary, recorded the minutes of the meeting.

The following Directors were present: RICHARD BELL, DOUGLASS DAVERT, JOHN DULEBOHN, and SEYMOUR EVERETT. Director JOHN SEARS was absent. Also present were:

LISA OHLUND	General Manager
SYLVIA PRADO	District Administrative Assistant
JERRY MENDZER	Operations Manager
JEFF HOSKINSON	District Secretary and Legal Counsel
NICHOLAS J. ARHONTES	Consultant
MARILYN THOMS	Consultant
BILL EVEREST	Consultant
RACHAEL SANDERS	PARS
KEITH STRIBLING	Highmark
FRANK CAHILL	RCE Consultants
JOHN LEWIS	Lewis Consulting
KEN VECCHIARELLI	Golden State Water Company
HOLLY EVEREST	OCSD

2. Public Communications to the Board. None.

3. Items Arising After Posting of Agenda. None.

4. Consent Calendar.

ACTION TAKEN:

The Board pulled Item Nos. 4C and 4D, and on a motion by SEARS, seconded by BELL, the Board adopted by unanimous vote of those members present the balance of the consent calendar items as follows:

- A.** Minutes: "THE MINUTES OF THE FEBRUARY 15, 2018 REGULAR MEETING OF THE BOARD WERE APPROVED AS SUBMITTED."
- B.** General Manager's Report: "THE GENERAL MANAGER'S REPORT WAS RECEIVED AND FILED."

- E. Annual Review of Investment Policy and Resolution Delegating Authority to Effect Investment Transactions: "THE BOARD ADOPTED RESOLUTION NO. 817, ENTITLED: 'RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT APPROVING INVESTMENT POLICY AND AUTHORIZING THE TREASURER TO INVEST FUNDS.'"
- F. Modification to Scheduling of April 19, 2018 Regular Meeting of the Board: "THE BOARD AUTHORIZED A CHANGE IN THE BOARD MEETING SCHEDULE WITH RESPECT TO THE APRIL 19, 2018 REGULAR MEETING, SUCH THAT IT WILL NOW START AT 3:00 P.M. IN ORDER TO ACCOMMODATE ATTENDANCE AT A MWDOC POLICY DINNER, WITH DIRECTION TO THE GENERAL MANAGER, OR DESIGNEE, TO GIVE APPROPRIATE NOTICE."

The Board then took the following actions relative to those Items pulled from the Consent Calendar agenda:

- C. Resolution of Appreciation for Alexander Bowie

ACTION TAKEN:

The Board, on a motion duly brought and seconded, voted unanimously among those members present to continue Item 4C indefinitely, with direction to staff to return the item for future consideration on a date convenient for Mr. Bowie.

- D. Resolution of Appreciation for William Everest. Ms. OHLUND presented the item, thanking Mr. Everest for his years and dedication of service. Directors DAVERT and BELL added additional comments relative to Mr. Everest's service, followed by comments by Mr. Everest following adoption and acceptance of Resolution No. 818.

ACTION TAKEN:

The Board, on a motion by EVERETT, seconded by BELL, voted unanimously among those members present to adopt Resolution No. 818, entitled, "RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT COMMENDING WILLIAM EVEREST FOR HIS YEARS OF LOYAL AND DEDICATED SERVICE TO THE DISTRICT."

Items 5A and 7D were taken first, followed by the balance of the agenda thereafter in order of agendized sequence.

5. Operation, Management and Construction Matters.

A. Proposal for General and Project Management Services: Ms. OHLUND presented the item, with brief comments and an introduction of Ms. Marilyn Thoms of Solutions, Inc., who is to fill the role of a higher level manager while the District is searching for a permanent employee for such position. Director DULEBOHN commented on the item, relative to managing use to limit impact to the Retail Zone.

ACTION TAKEN:

The Board, on a motion by BELL, seconded by EVERETT, voted unanimously among those members to approve a contract with Solutions, Inc. (Marilyn Thoms) for General and Project Management Services in an amount not to exceed \$150,000.

7. Miscellaneous Matters (Out of Order).

A. Regional and State Issues: Mr. John Lewis provided a update to the Board on the regional and state issues presented in the agenda packet. Mr. Lewis provided an update on the Local Area Formation Commission (LAFCO) and issues addressed at its last meeting, including sharp increases in staff costs, and announcement by Commission Withers that he would not be running for re-election on LAFCO. Mr. Lewis also provided an overview of the current congressional seat elections. Mr. Lewis also reported that California had been reported at 37 percent of normal before recent March storms.

5. Operation, Management and Construction Matters (Heard Following Item 7A).

B. Wholesale Zone Low Demand Operations Plan: Ms. OHLUND presented the item, relating to the Wholesale Zone operations plan during periods of low demand, with the purpose of the plan to minimize aging of water in the wholesale system necessitating the wasteful flushing of water. Plan presented included acceptance of excess water by the City of Tustin, with the wholesale entities sharing the cost of such acceptance. Mr. Ken Vecciarelli of Golden State Water Company spoke in opposition to the plan, citing City of Tustin's non-participation in the meeting with the other wholesale entities, and sequent resolutions with the City of Tustin without communication to other agencies. Directors DAVERT and BELL commented on proposals. Ms. OHLUND discussed need for Board to adopt Scenario 5, but that it could postpone cost allocation methodology for future action after meeting with other agencies relative to equitable resolutions.

ACTION TAKEN:

The Board, on a motion by EVERETT, seconded by BELL, voted unanimously among those members present to adopt Resolution No. 819, entitled, "RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT APPROVING LOW DEMAND OPERATIONS PLAN AND FUNDING PROGRAM," as amended to reserve a determination on the cost allocation for future Board action.

C. PERS Liability Investment with PARS. Ms. OHLUND introduced the item, and the PARS team, including Rachael Sanders and Keith Stribling. Mr. Stribling provided an overview of investment options and strategy, and indicated that agencies, while all across the board in terms of selection of options, generally adopted anything from the moderately conservative or moderate plans. The District Finance Committee had reviewed the strategies, and recommended a “moderate” investment plan.

ACTION TAKEN:

The Board, on motion by DULEBOHN, seconded by BELL, unanimously, among those members present, approved and authorized the allocation of \$1,000,000 of reserve funds to the Public Agency Retirement System (PARS) for investment in the moderate strategy under the active investment portfolio, and directed the General Manager, or designee, to take such action as is reasonably necessary to effectuate the purpose of such intent.

D. Nomination of Douglass Davert as Candidate for the Orange County Local Agency Formation Commission (OC LAFCO).

ACTION TAKEN:

On motion by BELL, seconded by EVERETT, which carried unanimously among those members present, the Board nominated Douglass S. Davert as a candidate for the OC LAFCO Regular Member Seat, and authorized an alternative nomination for James R. Fisler of Mesa Water District; and selected Directors DAVERT and, alternatively, DULEBOHN, as the delegates to cast the votes for the District.

E. Authorization of Contribution of \$5,000 to the Association of California Water Agencies (ACWA) Fund for Water Tax Coalition. Ms. OHLUND presented the item, and expressed clarification that the District is not opposed to clean water solutions, but the process contemplated by SB 623, and the lack of controls that allows funds raised to be deposited into General Fund, with no guarantees projects are completed, is not the solution, and instead is an income grab by the State. Mr. HOSKINSON addressed concerns relative to use of funds by ACWA, and consistency with requirements imposed relative to District funds.

ACTION TAKEN:

On motion by BELL, seconded by DULEBOHN, which carried unanimously among those members present, the Board approved the contribution of \$5,000 to ACWA’s No Drinking Water Tax Coalition, subject to the General Manager’s receipt of information and/or assurances that funds will be used in accordance with all State laws.

6. Financial Matters.

- A. Approval of schedules of disbursements.
- B. Report on investments/ratification of investment activity.
- C. Receipt and filing of financial statements (January 31, 2018).

ACTION TAKEN:

On motion by DULEBOHN, seconded by BELL, which carried unanimously among those Board members present, the Board (1) approved the schedules of disbursements as submitted; (2) ratified and approved the schedule of investments, as presented; and (3) received and filed the financial statements.

7. Miscellaneous Matters.

- A. Wholesale and Retail Water Usage Report.

ACTION TAKEN:

Upon motion by BELL, seconded by DULEBOHN, which carried unanimously among those members present, the Board received and filed the wholesale and retail water usage report.

B. Conference and Meetings Travel Requested. The Board discussed that the District had two tickets of the Orange County Council of Governments (OCCOG) General Assembly meeting, and that Ms. OHLUND planned to attend on Thursday, March 22, 2018. The Board also discussed and authorized all members attending the Municipal Water District of Orange County (MWDOC) Water Policy Dinner on Thursday, April 19, 2018.

C. Director's Reports on Meetings Attended at District Expense (Govt. Code § 53232.3.) and Director's Comments. Directors DAVERT and SEARS attended a Foothill Community Association annual meeting, and a meeting at Serrano Water District. Director DAVERT attended an OC LAFCO meeting on March 14, 2018, and an ISDOC Executive Meeting.

Director BELL also commented on a \$20 million federal budget item for pre-construction and design work to raise the Shasta Dam, which would be a cost-effective project, though it might be an issue for the California Water Project.

8. Informational Items

- A. General interest publications. Nothing added to agenda material.

9. **Closed Sessions.** President DAVERT announced that the Board would meet in closed sessions listed in the agenda as follows:

- A. Claimant: Beador Construction
- B. Conference with Legal Counsel – Anticipated Litigation, held pursuant to paragraph (2) of subdivision (d) of Government Code Section 54956.9: one potential case.
- C. Conference with Legal Counsel – existing litigation pursuant to paragraph (1) of subdivision (d) of Government Code Section 54956.9 – *Irvine Ranch Water District v. Orange County Water District*, Case No. 30-2016-00858584-CU-WMCJC.

ACTION TAKEN:

The Board reported that, with respect to Item 9A, the Board took action to deny the claim of Beador Construction. The Board did not meet on Item 9C. The Board took no other reportable action.

10. **Adjournment.**

ACTION TAKEN:

Upon a motion duly made, seconded and carried unanimously, the meeting was adjourned at 6:19 p.m., with the next regular meeting date and time being Thursday, April 19, 2017, at 3:00 p.m., to be held in the Offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California.

Respectfully submitted,

Jeff Hoskinson

EAST ORANGE COUNTY WATER DISTRICT GENERAL MANAGER'S REPORT

March 2018

The following report is a summary of the District's activities over the past month.

GENERAL MATTERS

Reviewed correspondence, conferred with customers regarding billing issues and vendors/other interested parties regarding business with the District, and met with staff members regarding daily activities and on-going projects.

Please note that **highlighted** areas denote current month updates for issues that span long time periods.

SEWER

A. ID1 Update

Activities & Accomplishments for March include:

Personnel

- Held two Sewer Management, Operations & Engineering (MOE) meetings
- Contractor Performance Pipeline completed Groups 2 and 3 (of 12 Groups) for routine cleaning of the system and is currently working through Group 4.
- Held one SSMP Monthly Meeting

Activities

- Feet of sewer main cleaned in March – 150,353
- Number of manholes inspected in March – 565
- Reviewed applications for sewer permits.
- Completed monthly siphon cleaning.
- Took sewer cleaning trucks to City of Orange for routine maintenance.
- Contractor completed sectional CIPP repairs.
- Performed inspection on sectional CIPP repairs.
- Contractor performed CCTV inspection for 11,330 feet of pipe.
- Staff performed FOG inspection on 27 FSEs (food service establishments).
- Responded to sewer calls – possible blockage issue on Wheeler Place and Amaganset Way; Odor complaint on Acacia Drive.
- Completed scheduled hot spot cleanings.
- Ordered misc. sewer supplies and tools.
- Completed USA locations
- Filed and certified CIWQS SSO report.
- Reviewed SSMP for updates/conducted training on Emergency Response Plan
- Reviewed and followed up on cleaning notes from contractor.
- Met with ID Modeling to review SEDARU Sewer updates.
- Assisted AKM Engineering with identification of private sewer pipelines & lateral connections for Sewer Master Plan

Spill – Griffith Construction - Intersection of Crawford Canyon Rd. and Willis Lane

Background: The County of Orange is currently working on a storm drain project along Crawford Canyon Rd. from Newport Ave. to Chapman Ave. Somewhere around the 22nd of August, the County's contractor lowered and paved over 4 sewer manholes along Crawford Canyon Rd. between Barrett Lane and Hinton Way. This was necessary to do because the road section in this area was being lowered to improve drainage in the area. The County stated they would have their contractor raise the four manhole structures to finished grade in November of this year when school is out of session.

On August 24th, at approximately 2:30 pm in the afternoon, the District's Operations Manager noticed a wet spot at the intersection of Crawford Canyon Rd. and Willis Lane. Initially, the wet spot was thought to be a water leak. After closer inspection, it was determined to be sewage. Staff checked upstream manholes and found that the sewer lines were surcharged. Staff immediately mobilized with the cleaning equipment and attempted to clear the blockage. Several large pieces of concrete and asphalt were retrieved from the sewer but the blockage still persisted. The County's contractor uncovered the first two downstream manholes. Performance Pipeline was asked to come out and video the sewer line and identify what was causing the blockage.. The video revealed a large piece of asphalt restricting flow in the line. Performance Pipeline was then asked to assist with clearing the blockage. After several attempts using their special cleaning nozzles, they were able create an opening large enough to drain the blockage. Once all the surcharging was cleared, the manhole was exposed by the contractor revealing 3 pieces of plywood stacked on each other over the manhole opening. The first piece that was placed over the manhole opening was found to be broken. Performance Pipeline ended up removing approximately four 5-gallon buckets worth of asphalt from inside the manhole structure. The contractor was asked to uncover all the manholes so that they could be inspected. Significant debris was found in one another manhole structure further upstream. Performance Pipe removed the additional debris which resulted in almost two buckets of broken concrete and asphalt. Staff reported this as a Tier 3 spill. An estimated 1.2 gallons of sewage was reported as spilled in CIWQS.

On October 5th, staff submitted a claim to the County for reimbursement costs associated with the spill response as well as a request to replace approximately 80 feet of 8" sewer pipe. On November 1st, at the request of the County, additional documentation and cctv data was provided to the County for the requested sewer line replacement work.

The County's contractor will be replacing a total of 80 feet of damaged sewer pipe along Crawford Canyon Rd. at 4 locations. Work is scheduled to begin December 18th and conclude by the 22nd. The contractor has submitted a pump around plan which was reviewed by District staff and RCE and approved.

The County's contractor completed the sewer main repair work at the 4 locations in Crawford Canyon Rd. on December 27th, 2017.

The County had to re-design part of the project along Barrett Lane and Crawford Canyon Road which has caused a delay in completing the paving in front of the elementary school.

Update: Paving work was completed the week of April 9th. The contractor will begin raising the District's manhole rings and water valve cans the week of April 16th; project completion is scheduled for April 30th.

Engineering & Construction

- Continued work on Master Plan/Condition Assessment: Manhole assessment is almost complete, however more manholes may be identified for inspection. A 60-65 ft sag has been identified near the end of the Browning sewer; AKM is recommending that a preliminary design report be prepared due to the very difficult access issues (railroad and storm channel) associated with the repair. Update: AKM is also working on a recommendation for another repair on the Browning line underneath the 5 FWY. There is a significant offset in the pipe which we are not able to repair using a liner.
- Beador Construction completed dig and replace work on Browning Avenue.
- Full-Length CIPP: Work scheduled to commence by the end of February 2018. Update: Contractor unable to start work until the end of April.
- Sectional CIPP: Work scheduled to commence week of December 26th and continue through mid-January, 2018. The contractor was unable to start in December and will be starting mid-January completing work by the end of the month. Contractor started sectional repairs during the first week of February and will be completed by end of the month. Update: Contractor completed 13 sectional repairs and was asked to provide a written schedule. Work has been stopped until a schedule is received. There are 39 repairs remaining in the contract. Update: All sectional repairs are completed.

Permits

- 5 permits were issued in March for properties in North Tustin.

WHOLESALE ZONE

A. WZ Water Quality

Update: Demands have declined significantly since the suspension of in-lieu. Flushing was required during the month of February at one connection. A total of 70,372 gallons (0.2 AF) was flushed due to not have a detectable chlorine residual and nitrites above our action level of .025 mg/L. Sales in the upper and lower zones for February were 80.7 AF and 6.9 AF respectively. Combined upper and lower zone water purchased was 87.6 AF for the month of February.

Installation of flow/pressure monitors required for the Water Quality Study were scheduled to be completed by August 18, 2017. However, there have been some technical issues which staff has been working with the vendor to resolve. We expect to have all sites working this week. Due to the need for this data, the study has been delayed by several months and will likely be completed by early 2018.

Background: The District has retained ID Modeling/AQUALity Engineering to address short- and long-term water quality/low demand issues. A Kick-off Meeting was held on March 30th; current pressure and flow information is needed; staff will be coordinating collection of this data with ID Modeling.

Staff has been reviewing available options for collecting the flow and pressure data and identified a company called Ayyeka as offering the best solution. At the March 11th E&O Committee meeting, staff made the recommendation to purchase 15 data logging units which will allow us to capture the metering, flow, and pressure data. One of the unique aspects of these devices is that they are setup to use any of the available cell carriers in the area latching on to the one with the strongest signal.

At the April 20th Board Meeting, the Board approved the purchase of the 15 data logging units. Prior to ordering all 15 units, Ayyeka provided 1 unit to allow staff to perform field testing at various locations and on different meter manufacturers; this test was successful. Staff purchased the units and are currently installing them. Staff has also been working with ID Modeling and AQUALity in gathering historical data as well as having weekly progress meetings.

Staff is continuing to work with Ayyeka to resolve the meter totalization data discrepancies. At this time, we do not have a date that resolution will occur for this problem; alternative providers are being examined.

Staff has identified another metering/pressure reading alternative and is preparing to test these other units. This testing will occur during the first 2 weeks of January 2018.

Staff has successfully performed testing of the new demo unit at 1 location and is currently testing the unit at other locations to confirm results. Staff will be retaining a consultant to analyze the best option for obtaining remote meter reading.

Update: A data logger has been purchased to test; if successful would enable logging of meter reads and manual download.

B. In-Lieu Program

The wet winter has caused MET to authorize in-lieu (recharge of the basin will occur by taking imported treated water “in-lieu” of pumping) deliveries of water under the Cyclic Storage Program. OCWD will be purchasing 100,000 AF of water this year, in addition to the 65,000 AF that is being recharged through OCWD’s spreading grounds. It is anticipated that it will take the entire year to deliver this water, so groundwater wells will be turned off and the WZ system will be delivering most of the water that our retail customers will use to meet their demands. Staff worked with ID Modeling to review the hydraulic model for the WZ and examine any issues that may occur due to high demands after the extended period of low demands (see also discussion under OC-43/Walnut Takeout Vault below).

Update: MWD has suspended the In-Lieu program effective January 31st due to below normal rainfall. Total WZ water deliveries through March 31st totaled 6,895 AF.

C. OC-43/Walnut Takeout Vault Rehabilitation/Replacement

Staff met on May 18, 2017 with Public Works Director Doug Stack and Water Manager Art Valenzuela and presented our proposal to construct a new Walnut Turnout and abandon the old one, leaving it to the City of Tustin for their vault and appurtenances. Tustin was concerned about two meters and two Cla-Val's being so close to each other that it would create turbulence and erroneous reads, but the area where these are located space constrained. We are awaiting Tustin's comments on our proposal.

Due to the availability of In-Lieu water and Tustin's desire to take 9 cfs of flow through the Walnut takeout (it has been averaging between 2 and 4 cfs for the last three years, staff has sent a letter documenting a recent inspection of the vault and the Tustin valves and asked Tustin to certify their confidence in the performance of the valves. In the event there are concerns about running high flows through this takeout, staff will work with Tustin to deliver the water through alternate takeouts.

Staff will be submitting a request to meet during the first part of December with MWD staff to inspect the OC-43 turnout to determine the potential impacts of EOCWD installing a flow control / isolation valve immediately downstream of the MWD facility.

On December 13th, a meeting was held with MWD staff, MWDOC staff, and EOCWD staff to inspect the MWD OC-43 turnout. The District's engineer is evaluating potential options for the installation of an isolation valve downstream of the MWD facility.

Update: We are awaiting notification of MET's final determination for magnetic meter clearances. MWDOC staff expect resolution of this in Spring 2018.

D. Treatment Plant Feasibility Study Update

Staff will be participating in the OWOW (One Water One Watershed Program conducted by the Santa Ana Watershed Project Authority – SAWPA) Pillar and Stakeholder Meetings to ascertain opportunities to pursue funding through Prop. 1 and/or other sources. Staff will also be working with Townsend and Associates to arrange meetings with City of Santa Ana representatives to discuss the results of the Feasibility Study. Outreach is also underway regarding stormwater treatment opportunities that may be present at Peters Canyon Lake Reservoir with the County of Orange.

A second meeting was held with City of Santa Ana to discuss their interest in participating in the treatment plant project. Santa Ana has agreed to examine their imported water demands (both contractual and system needs) and provide the baseload demand that they would anticipate needing. Both parties understand that the project feasibility is heavily influenced by the price of the water and that there are also opportunities for increased reliability.

Update: Presented project to an OWOW subcommittee that is examining the feasibility of jointly submitting projects in order to refine projects through a voluntary process. Gathering background data on stormwater flows to Peters Canyon Park and other areas within the EOCWD service area.

E. OC-70 Meter Test Comparison

Background: An ongoing issue in the Wholesale Zone has been “unaccounted-for water.” For several years, staff has been investigating the seeming “loss” of millions of gallons of water each month – so much water in fact, that it would be creating large lakes somewhere if it was entering and escaping our system.

Over the past several years, staff has conducted many analyses and failed to find a cause or a pattern of loss that yielded clues as to the cause. After meeting with MET/MWDOC, it was determined that EOCWD would provide a water balance for our side of the meter by installing a new meter on this inlet pipeline to the Peters Canyon Reservoir, and placing AMI on each of the takeouts so they can be balanced to the MET meters.

Staff has completed the electrical work required for the meter and for AMI at the various meters. Staff is working with ID Modeling and Ayyeka to install remote monitoring (including remote meter reading) at the takeouts.

The Ayyeka flow/pressure data loggers installed for the Water Quality Study will also be useful in addressing this issue. Installation is scheduled to be completed by August 18th.

All of the data loggers were installed as of last week. However, there has been some calibration issues which we expect to be resolved by September 20th.

Staff had to return 2 non-functioning Ayyeka units for replacement. Staff is also continuing to work through inaccurate meter totalization data from the existing Ayyeka units.

This item is related to the WZ Water Quality Study as the remote metering devices are used to address the OC-70 metering issues also. As noted previously, staff has identified an alternative unit and is in the process of conducting testing.

Update: Staff met with Karl Seckel of MWDOC on April 5th to discuss the outcome of his meeting with MET last month regarding the metering issue at OC-70 and the criteria being evaluated with regard to metering accuracy and what an acceptable percentile would be for water loss between meters. MWDOC staff will be meeting with MET staff later this month to continue the discussion.

F. Corrosion Protection

Corrpro completed the anode installation work on the Andres (11.5 MG) Reservoir's cathodic protection system on March 29th and inspection by V&A Engineering was completed in June with the project accepted at the July 20th Board Meeting.

Staff is currently working with V&A to schedule some additional testing at the Newport reservoir that was recommended in the report. Staff will also be requesting a proposal from Corrpro for the installation of new sacrificial anodes at the Chandler and Ethelbee takeouts. Replacement anodes were recommended at these locations.

Additional testing of the cathodic protection system at the Newport reservoir was completed on August 29th. The system is working properly and no adjustments were needed. V&A Engineering submitted a report on September 8th.

The V&A report noted 2 locations that need to have sacrificial anodes replaced – Ethelbee and Chandler vaults. Corpro will be providing a proposal to perform this work after conducting a site visit in December.

Due to the current work load, staff will be arranging the site visits in March 2018. RCE has been tasked with developing a summary of the Corrosion Control Plan and providing a spreadsheet listing annual preventative measures needed for both the WZ and RZ.

Update: This work has been delayed into April due to work load combined with being short of one field staff employee.

G. Handy Creek Road

District engineers RCE Consultants are working with the City of Orange and The Irvine Company to resolve issues related to: relocation of the Jamboree Connection and Jamboree gate at the entrance to Handy Creek Road, improvements to Handy Creek Road and protection of our facilities during construction, inundation impacts if there was a leak in the reservoir and access and construction impacts while the Santiago Hills II project is under construction.

Update: Staff met with the Irvine Company regarding development of the road and relocation of the fiberline.

H. New 16" Newport Magnetic Flow Meter

Staff is in the process of installing another 16" magnetic flow meter behind the Newport reservoir. This meter will be used to measure all import water coming from the Upper Zone to the retail zone and 11.5 MG reservoir.

The District's engineer is working through MWDOC to request approval from MWD of the piping configuration for the new meter. This is necessary to ensure that the designed installation of the meter does not invalidate the accuracy of the meter.

Update: A revised metering guidelines report has been developed and is currently undergoing review by MET management. Recommendations will be brought to their Board for approval in Spring 2018.

I. WZ Connection Permits

None to report

RETAIL ZONE

1) In-Lieu Water

The MWDOC Board approved the In-Lieu program through June 2017. This means that our Retail Zone will be taking imported water for the remaining part of 2017 and into 2018, however we will pay the same for 75% of the water as if we were pumping it from the groundwater basin. For the most part, we will idle our wells with the exception of periods where water quality sampling is required, or we determine that periodic flushing of the wells should be done to maintain water quality.

Update: The retail zone is now receiving ground water from the East and West Well. 92% of water supplied to the RZ during the month of March was ground water. The remaining 8% was treated import water.

2) OCWD Proposed South Orange County Pilot Water Storage & Exchange Program

At the December 13, 2017 OCWD Water Issues Committee Meeting, OCWD staff recommended that the Committee enter into a Memorandum of Understanding with Moulton Niguel Water District that would allow them to establish a non-emergency water storage account. Director Bell was present at the meeting and submitted comments as a private citizen; the District has not taken a formal position on the issue. Several speakers were present and like Director Bell, urged the Committee to remand this to the Groundwater Producer's Committee for further study and review.

The issue of storage in the OC Groundwater Basin is under study by OCWD; a report is expected sometime before September 2018.

Update: No report.

3) East Orange DroughtReach™ Program

The conservation reduction for December was only 4.6 % (from 2013) which is 10% less than our 15% mandatory requirement for December. Heat, wind and lack of precipitation combined to reduce conservation in December for the first time since 2014; however, overall, residents continue to respond well to calls for conservation. Revisions to the Conservation Ordinance were suggested at the May 11th E&O Committee meeting, however the Committee requested further discussion on revisions to the Conservation Ordinance take place after the legislature takes action on long-term conservation regulations.

Update: RZ Demand is trending slightly higher (2%) in March than in 2016/17, but is 40% below FY 2012/13 for the month. Water efficiency messaging has been increased.

4) Well / Booster Station Operations

East Well and West Well – For March, 92% of Retail Zone demand was met using ground water.

Update: Total retail demand for March was 45 AF.

Well Levels - Well water levels in March trended downward as shown on the attached graph due to the end of in-lieu and to the resumed usage of our wells.

Update: The increasing water trend was expected due to the refilling of the basin under the "in-lieu" program. The East Well water level since the first week of December to the first week of January has risen 1 foot. However, you will notice a sharp drop in the water levels for both the East Well and West Wells at the beginning of February due to the change from static water levels to pumping water levels. The pumping level for the East Well is currently at 244 feet BGS (below ground surface). Staff will continue to closely monitor the levels. Please note that pumping water levels have been as low as 297 feet BGS back in July 2014.

5) Vista Panorama Reservoir

Staff has been working with RCE and AKD Consulting to develop plans to improve the reservoir and pump station as well as the overall site layout. Improvements being evaluated include variable speed pumps and backup power options that include solar and battery options that could provide reduced energy costs as well as a more environmentally friendly and reliable operation; this is consistent with our Strategic Plan goals.

This project has been delayed due to other priorities; work continues on determining an optimal generator/battery/solar combination for pump station reliability at a reasonable price.

Staff is looking into solar/battery backup combinations that could help reduce the size of the generator needed for the site; there may be funding available for this type of backup power combination.

Update: Staff has come up with a revised plan to address the needs at the site as well as address the issue with placement of the backup generator. RCE is currently working to develop this plan so that we can move forward with the improvements this fall.

6) Pressure Reducing Station Rehabilitation

With the completion of the Circula Panorama Pressure Reducing Station, work on the Orange Knoll PRS remains. This construction work will be completed by district staff. Due to the Alexander/Stoller Project, it is estimate that this work will be completed in October.

Due to work load issues, staff has deferred installation of the Orange Knoll PRV until the 2nd week of February 2018.

Update: Staff installed the new pressure reducing valve on March 9th; work on this project is complete.

7) Crawford Canyon Rd. Stormwater Improvements – Phase II

EOCWD work on this project is completed, however the County's work on the storm drain installation is ongoing until April/May. The County's project is now approximately 65% complete.

The County's contractor needs to perform the sewer line repair work before the remaining work can be completed. The County has scheduled the remaining work during the time that the elementary school on Crawford Canyon Rd. is out of session which is December 18th through January 3rd. There is currently no estimate for when this project will be completed.

Update: The County's contractor has completed paving on Crawford Canyon and is scheduled to raise sewer manholes and water valve cans the week of April 16th.

8) System Leaks

None to report.

9) **Water Availability Request/Connection Permits**

None to report.

10) **Monthly WZ & RZ Operations Activities**

- Laser Fiche training (staff)
- Completed Orange Knoll PRV installation (Staff)
- Attended Smart Water workshop at Moulton Niguel W.D. (Ops. Mngr.)
- Met with Architect to discuss site layout for new Administration Building (staff).
- Clean up at 6 MG site (staff).
- Assembled Distribution water quality data for Annual Consumer Confidence Report (Ops. Mngr.)
- Attended WZ meeting regarding low demands with Retailers (Ops. Mngr.)
- Attended meetings with ID Modeling to review reports (Ops. Mngr.)
- Worked with ID Modeling on low flow analysis (Ops. Mngr.)
- Reviewed data logger options (Ops. Mngr.)
- Took service truck in for new tires (staff).
- Ordered water quality supplies.
- Met with ID Modeling on SEDARU water updates.

Weekly Tasks

- Attend weekly safety meetings (All field staff)
- Reviewed sewer cleaning operations with OCSD
- Performed weekly water quality sampling
- Measure static and pumping water levels in wells.
- Performed USA locations
- Responded to utility requests from the County and City of Orange
- Picked up water quality supplies and changed reagent bottles
- Clean-up, organize and restock service trucks
- Clean-up and organized shop
- Vehicle maintenance

Monthly Tasks

- Attend monthly staff meeting with General Manager (all employees)
- Attend committee meetings – Operations and Engineering (Ops Mgr)
- Prepared monthly CDPH water quality reports
- Prepared monthly CRWQCB report for well discharge
- Report retail water system production to State
- Performed dead-end flushing
- Read WZ meters
- Check WZ meter data; assist with preparation of WZ Billing
- Participated in WEROC radio test

JOINT SYSTEM (WZ & RZ) ACTIVITIES

Water Loss Audit

On May 1st and 2nd, staff met with WSO to perform volumetric meter testing of the well meters. WSO is reviewing the data that was collected and will provide a report by the end of May. Staff is coordinating with WSO for an additional date to test the Retail Zone input meters and residential meters. Staff will be attending workshops on May 18th and August 22nd respectively. These workshops are designed to assist with the submission of the final water audit due in October 2017.

Staff will be changing out 25 meters the week of July 17 which will be tested so that the data can be incorporated into the water loss report.

On August 29th, Jerry Mendzer participated in the Water Loss TAP Wave 4 Water Audit. The validated audit should be available the week of September 18th and needs to be submitted to DWR by October 1.

The water loss audit was submitted to DWR by October 1st; staff is working with consultant WSO to identify ongoing work to reduce water loss – recommendations will be incorporated into the FY 2018/19 Budget Revision Recommendations.

Staff will be meeting with WSO/MWDOC on March 13th to discuss the program for next year, and will discuss budgeting and metering issues.

Update: Staff is developing a Water Loss Remediation Plan and will be presenting it to the Board, along with a recommended budget, in May.

SEDARU

Please see the attached SEDARU water work and sewer work reports which provide information on work staff is performing and the types of customer interactions that staff are having.

Electronic Records Management System

All water and sewer paper records of the District have been assembled in boxes with each file recorded on a chain-of-custody memo to enable electronic scanning by AMI; delivery of the first half of the boxes to the scanning center was completed in late July. The new computer server that will house the records and the records management software (Laserfiche) was delivered and installed in late August. The Laserfiche software and first series of scanned documents have been installed and it is working very well. Staff is working on the next set of records to be sent for scanning; a total of 275 boxes of documents representing over 250,000 documents will be scanned and archived electronically into our system. Over the next several months, documents that don't require retention under our document management policy will be brought to the Board for destruction.

The sewer documentation scanning is complete; staff is working with contractor AMI (Laserfiche) to audit records to determine reliability that all documents are accessible and readable. This work will continue prior to destruction of any records.

Update: Document scanning for 75% of the records is complete and the system has been tested to ensure that documents can be located and retrieved. Some document destruction (shredding) will begin in March. The balance of the records will be scanned in FY 2018/19 due to budgetary limitations.

Safety

The District experienced the first lost time accidents we have had since 2014 during the past month. One employee suffered a back injury after working on a pipeline excavation/relocation on the Alexander/Stoller project and the other employee experienced a head injury when they walked into the marquee in the front of the office. Both employee's injuries have healed and both employees have worked with the Operations Manager to identify the way they could avoid further injury. A general safety meeting will be held on Wednesday, November 21 to reinforce general safety practices and the importance of overall safety hygiene.

The District held its first wellness workshop with all employees on October 27th. A speaker was brought in to discuss stress and its physiological effects on the body and mind, as well as methods to minimize it. Healthy eating was also discussed and lunch was provided from a local fast food restaurant that showed healthy options that could be selected. Employee feedback was positive about the workshop; future sessions will focus on stretching exercises and incorporating more movement into the workday and limiting extended periods of sitting.

Staff reviewed information regarding the California Division of Dams request for information regarding the status of the Santiago Dam (at Irvine Lake). The Administrative Office is within the inundation zone in the event of a dam failure; staff will be seeking further information.

Update: No injuries occurred in March 2018. All staff completed their crystalline silica training in March. Staff is in the process of identifying available, local forklift training. For April staff is focused on respirator protection. May's focus will be heat illness as we head into warmer weather.

Finance Committee

Minutes of the April 2, 2018 Finance Committee Meeting are attached to this report.

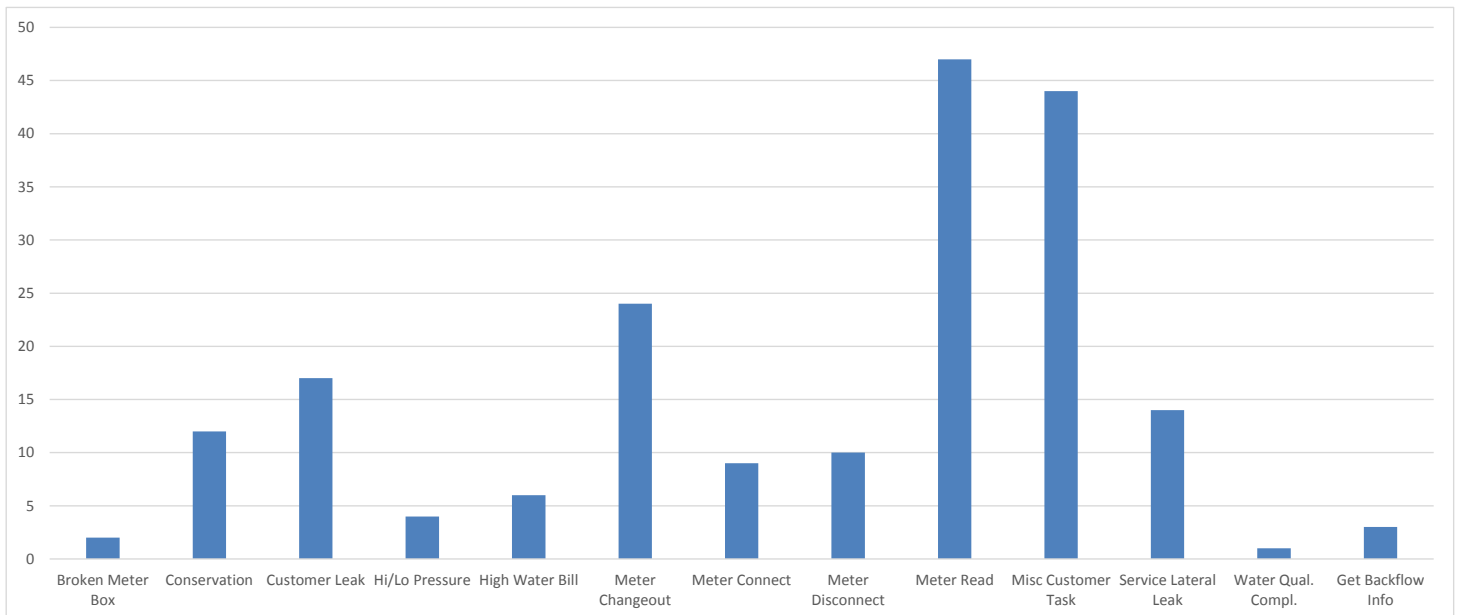
Engineering & Operations Committee

Minutes of the April 12, 2018 Engineering & Operations Committee Meeting are attached to this report.

EOCWD Customer Work: April 1, 2017 - March 31, 2018

Row Labels	2017									2017 Total	2018			2018 Total	Grand Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jan	Feb	Mar		
jmendzer	4	2	3	1	5	1	2	2	2	22	8	2	1	11	33
mplummer	12	8	11	18	17	8	26	6	3	109	15	13	10	38	147
mcardenas					4	7		2		13					13
Grand Total	16	10	14	19	26	16	28	10	5	144	23	15	11	49	193

Row Labels	2017									2017 Total	2018			2018 Total	Grand Total
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jan	Feb	Mar		
Broken Meter Box							1	1		2					2
Conservation				1	1	1	1	1	2	7	5			5	12
Customer Leak	1	1	1	2	3	3	1			12	3	1	1	5	17
Hi/Lo Pressure			1						1	2	1	1		2	4
High Water Bill	1		1	2				2		6					6
Meter Changeout	3			2	11	1		2		19	4		1	5	24
Meter Connect	1		3		2	1	1			8		1		1	9
Meter Disconnect	1	2	1		2	1	1		1	9		1		1	10
Meter Read	4	3	5	6	3	7	2	3	1	34	3	4	6	13	47
Misc Customer Task	3	1	1	4		1	20	1		31	5	5	3	13	44
Service Lateral Leak	2		1	2	4	1	1			11	2	1		3	14
Water Qual. Compl.												1		1	1
Get Backflow Info		3								3					3
Grand Total	16	10	14	19	26	16	28	10	5	144	23	15	11	49	193





Sewer Asset Report

March-18

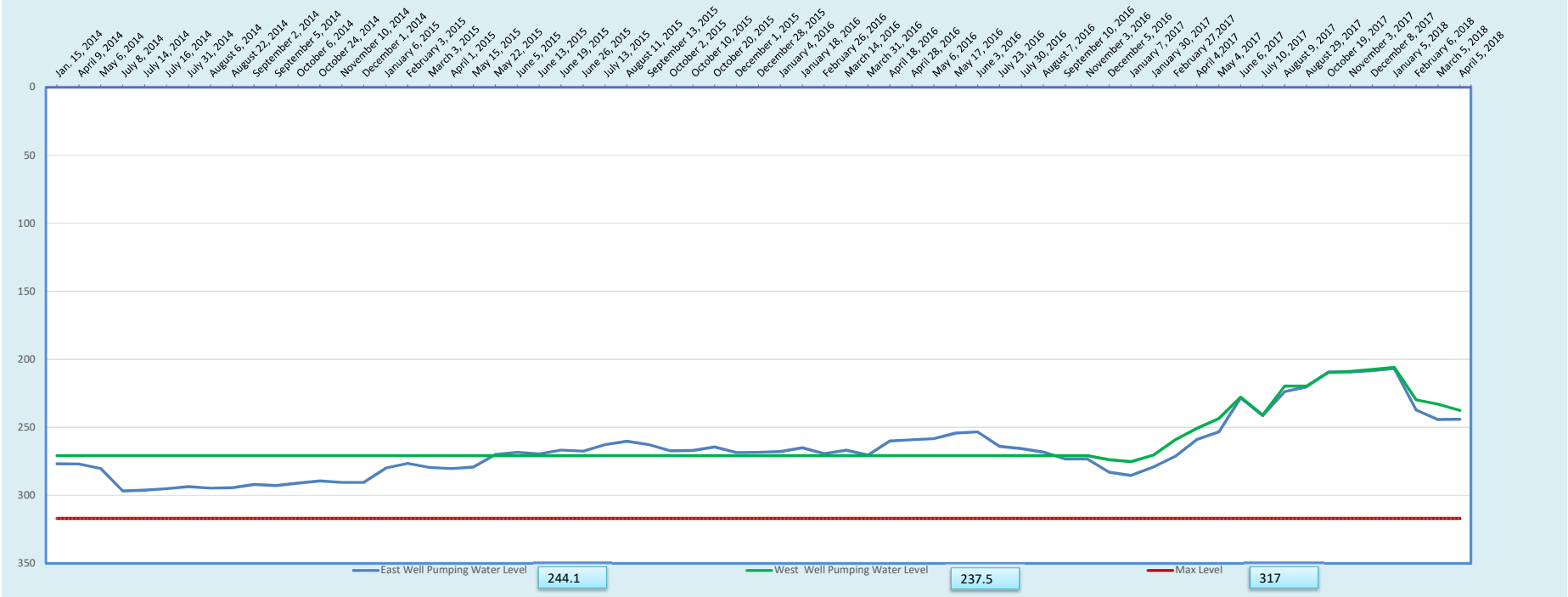
EOCWD Line Cleaning				
Cleaning by Staff				
	Contractor	jabeyta	jdavis	Grand Total
Cleaning Runs	522	20	82	624
Feet of Pipe	128,418	5,112	16,823	150,353

EOCWD Manhole Inspections				
Inspections by Staff				
	Contractor	jabeyta	jdavis	Grand Total
Mar	514	21	30	565

SSO Events	
Date	SSO Events

EOCWD FOG Inspections				
FOG Inspections by Staff				
	jabeyta	jdavis	jmendzer	Grand Total
Inspections	16	10	1	27

East Well & West Well Pumping Water Levels





MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: DROUGHT RESPONSE REPORT – MARCH 2018
DATE: APRIL 19, 2018

Meetings

- Jerry attended to a Smart Water Workshop at Mount Niguel Water District on March 19, 2018.

Water Waste High Water Bill Phone Calls

- Matt assisted customer at Hinton Way with water conservation on March 14, 2018.

WUE Materials

- Reyna attended the Water Use Efficiency Workgroup at MWDOC on March 1, 2018.

Drought Social Media/Print Messaging Efforts

- EOCWD Facebook page is updated by Communications Lab and EOCWD Staff 6 new posts were published on March 2018.
- EOCWD Twitter page is updated by Communications Lab and EOCWD Staff 7 tweet was published on March 2018.
- EOCWD Website page is updated by Communications Lab and EOCWD. No new updates on our website on March 2018.
- Foothill Sentry Ad: An Ad was published on March 2018 "What's The Value Of Water"

Customer Rebate Activities

- N/A

Groundwater Replenishment System (GWRS) Credits

The GWRS production allocated to EOCWD can be reported as Indirect Potable Reuse (IPR). For the month of March 2018, EOCWD showed an IPR credit of 21.7-acre feet (equivalent to 7.07 million gallons or 48 % the RZ's March's demand) that was sent to GWRS by sewer customers in the RZ for eventual reuse through the groundwater wells. This number represents "new" water that wasn't imported.

March 2018: Sewer Connection & Wholesale Connection Permits

Sewer Connection Address	Type of Development	Sewer Permit No	Date Issued	EOCWD Fees	OCSD Fees	Total Paid Fees
18826 Fowler Ave., Santa Ana, CA 92705	SFR	18-10	3/2/2018	\$0.00	\$734.00	\$734.00
13352 Montagne Drive, Santa Ana, CA 92705	Septic Conversion	18-12	3/5/2018	\$2,361.00	\$3,855.00	\$6,216.00
14945 Holt Avenue, Tustin, CA 92780	Comm. - Sprouts	18-09	3/13/2018	\$0.00	\$0.00	\$0.00
12932 Malena Dr., Santa Ana, CA 92705	SFR	18-14	3/19/2018	\$0.00	\$770.00	\$770.00
13820 Red Hill Ave., Tustin, CA 92780	Comm. - Ding Tea	18-15	3/26/2018	\$0.00	\$4,126.50	\$4,126.50
TOTALS				\$2,361.00	\$9,485.50	\$11,846.50

WS Connection Fee	Water Agency
N/A	
N/A	
N/A	
N/A	
N/A	
\$0.00	

Finance Committee

Minutes of the April 2, 2018 Meeting

Present: Doug Davert, John Sears, Paul Kaymark, Sylvia Prado

- No additional items arising after posting the agenda.
- Review and Recommendation for Auditor – Paul Kaymark noted that Requests for Proposals were sent out to six firms and presented an overview of all the proposals submitted to the District and his recommendation is DavisFarr. While they were not the lowest cost, their proposal was the most responsive and ranked highest by the review panel. The Committee supported staff's recommendation and recommended approval by the Board.
- Draft Communications Policy – Staff reviewed the proposed policy with the Committee; after discussion some recommended changes to the draft Plan were suggested by the Committee.
- Proposed Corrections to Cost-Sharing Allocations – Staff reported that some internal adjustments will be brought back in May due to errors in the allocation of expenses, however it will not change the budgets for any of the Zones. Staff and Accountant will meet to review more in detail.
- Budget Reports – January 31, 2018
 - a. WZ – Staff reported that subject to some reallocation of expenses, the District is slowly increasing the Reserve Fund.
 - b. RZ– Staff reported that, like the Wholesale Zone, subject to some reallocation of expenses, the District is slowly increasing the Reserve Fund.
 - c. ID1 (Sewers) – Staff reported that income vs expenses will also be revised to reflect the reallocation; transfers to reserve funds have been lower than estimated due to unanticipated expenses. Reserve funds have also been used at a higher rate than expected due to unanticipated capital needs.
- Adjourned at 9:30 a.m.

Engineering & Operations Committee

Minutes of the April 12, 2018 Meeting

Present: Richard Bell, John Dulebohn, Lisa Ohlund, Jerry Mendzer, Nick Arhontes, Frank Cahill

Called to order at 4:30 p.m.

Added Items: Consideration of Treatment Plant Engineering Services – AKD Consulting was added to Item 7 – Peters Canyon Treatment Plant

1. Crawford Canyon Road Storm Drain Project Phase II – Our manholes are still covered with asphalt; final removal/paving has again been delayed; new estimated construction completion date is April 30, 2018.
2. Vista Panorama Reservoir – Staff is recommending placement of a backup generator at the Side-Hill Booster station, which would eliminate the need for a generator at the Vista Panorama site. Staff is also recommending relocation of the hydropneumatic tank to the rear of the property and repiping that would improve safety and mobility around the tank as when as enhance the site esthetically. The Committee agreed; work will now proceed on a 70% design that will be reviewed with the neighbors
3. Status of Pressure Reducing Stations Project – Project is complete – the Orange Knoll PRV was completed in March. This project will be now be removed from the agenda.
4. East & West Well – With the resumption of pumping, well level have fallen to approximately 244 ft bgs; well levels have dropped about 20 ft since January 2018.
5. RZ Water Use – RZ water use totaled 45 AF for February; demand was only 2 AF higher than last year (an extremely wet year) and down 38% over FY 13/14 demands.
6. WZ Low Demand Operations Plan – Staff reviewed the proposed Low Demand Cost Allocation proposal with the Committee and reported on a meeting that was held with the WZ agencies (only Tustin and GSWC attended). Staff is recommending Option 2 – that Tustin be requested to purchase water during Low Demand Periods, and that they be authorized to purchase this water at a melded cost between their groundwater pumping cost and their treated water cost (around \$700/AF); Tustin has requested that the price be set at the OCWD RA plus pumping costs (currently about \$542/AF). The Committee requested that Tustin provide justification for the requested cost and meet with the Committee at the May E&O Meeting. Staff will be drafting a policy for identifying when Low Demand Water is being purchased, how the request will be made, and including a policy statement that limits the

purchase to District initiated requests.

7. Peters Canyon Treatment Plant Reconstruction – Staff has been working through the County's IRWM and the SAWPA OWOW program to submit an application for the project. Staff reported that they are requesting the use of Ash Dhingra (AKD Consulting) to provide the services that were previously provided by Bill Everest. Director Bell asked for more information on Mr. Dhingra's background. Staff is also looking at environmental documentation-related issues.
8. OC-70 Meter Issue – Staff met with Karl Seckel (MWDOC) to discuss issues surrounding MET's requirements for meter installation; staff noted the difficulties that have been encountered with the Ayyeka system in getting accurate remote meter reads.
9. OC-43 Turnout/Tustin – Staff noted that due to costs, consideration of the remotely operated ball valve has been changed to consideration of a ClaVal valve. Staff will be finalizing a recommendation for the Committee by the May Meeting.
10. WZ Water Use – The WZ deliveries for February totaled 68.9 AF. Water quality was maintained, however, .3/AF were purchased for flushing to maintain water quality.
11. Browning Avenue/El Camino Real Offset Issue – Staff retained Performance Pipe to apply a sectional CIPP repair to a segment of offset pipe that is under I-5 (onramp to southbound lanes); they were unable to make the repair. Other vendors were contacted to determine if a full-pipe application could be made, but it doesn't look promising. Staff has requested a proposal from AKM to provide preliminary engineering services for this issue as well as the issue under the railroad; a proposal is expected the week of April 26.
12. Master Plan/Condition Assessment – Diann Pay of AKM was present and noted that a draft report is due to staff by the end of April. It was noted that District staff is assisting with the identification of private sewer lines and laterals and providing that information to AKM; it is anticipated that this work will take at least one month to collect.
13. Septic Systems Conversion – Vista Del Lago – Staff reported that a 100% commitment rate was achieved for the project, however financing through SCIP has fallen through. Financial consultant Fieldman Rolapp has been consulted regarding finding alternate financing through the formation of a Mello-Roos (CFD).
14. System Rehabilitation and Replacement Project –
 - a. Open Trench – A meet and confer session was held with the contractor; the Board will be updated at the Board Meeting.
 - b. Full length CIPP – Work will commence on April 23rd.
 - c. Sectional CIPP – Work is complete.
15. Sewer Permits –
 - a. Five permits were issued in March; with one septic conversion. EOCWD staff is processing about 90% of the permits.

16. Joint Administration –

- a. Water Loss: 2016 Report Validation & Remediation Plan – Staff noted that the State has validated our 2016 Water Loss Report. The report shows an apparent increase in real losses from 8.4 gallons/day to 34.1 gallons/service connection/day and reduced our water loss score. Staff reviewed a plan to correct/find the water loss through a combination of staff efforts and continued participation in the MWDOC/WSO Program at a FY18/19 cost of \$51,132 (\$17,146 WZ and \$33,986 RZ)
- b. SEDARU Presentation – Operations Manager Mendzer provided the Committee with an overview of SEDARU Sewer operations and benefits.

17. Adjournment – 6:35 p.m.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: NOTICE OF RETAIL ZONE RATE INCREASE
DATE: APRIL 19, 2018

BACKGROUND

At the September 15, 2016 Meeting, the Board approved a five-year rate increase schedule for the Retail Zone; the first rate increase took effect in October 2016. The second rate increase will take effect with the February-April 2018 billing; customers were notified of the pending increase in February.

The attached schedule shows the impact of the rate increase to our customers; please note that the water commodity increase (from \$3.04/CCF to \$3.60/CCF) includes a \$0.15/CCF "Passthrough" to account for the actual costs of commodities that were unknown at the time the Proposition 218 costs were estimated. The \$0.15 is actually \$0.18/CCF less than was estimated in 2016, as some water and energy cost impacts were mitigated by the In-Lieu program; this is in accordance with Proposition 218 requirements that only actual costs be passed through.

FISCAL IMPACT

Revenue and expense forecasts will be adjusted for the lower commodity rate.

RECOMMENDATION

Information item only; no action is required.

	Current	FY 2018	FY 2019	FY 2020	FY 2021
Effective Month	Oct 2016	Feb 2018	Feb 2019	Feb 2020	Feb 2021
5/8"	\$22.20	\$24.42	\$26.87	\$29.56	\$32.52
3/4"	\$22.20	\$24.42	\$26.87	\$29.56	\$32.52
1"	\$22.20	\$24.42	\$26.87	\$29.56	\$32.52
1-1/2"	\$22.20	\$24.42	\$26.87	\$29.56	\$32.52
2"	\$22.20	\$24.42	\$26.87	\$29.56	\$32.52
3"	\$22.20	\$24.42	\$26.87	\$29.56	\$32.52
5/8"	\$15.36	\$16.90	\$18.59	\$20.45	\$22.50
3/4"	\$23.04	\$25.35	\$27.89	\$30.68	\$33.75
1"	\$38.40	\$42.24	\$46.47	\$51.12	\$56.24
1-1/2"	\$76.80	\$84.48	\$92.93	\$102.23	\$112.46
2"	\$122.88	\$135.17	\$148.69	\$163.56	\$179.92
3"	\$268.80	\$295.68	\$325.25	\$357.78	\$393.56
Commodity Rates (\$/ccf)	\$3.04/ccf	\$3.35/ccf	\$3.69/ccf	\$4.06/ccf	\$4.47/ccf
+ Actual Cum. Pass-through WS Rates		\$0.15/ccf	\$0.42/ccf	\$0.51/ccf	\$0.60/ccf
Commodity Rates incl. Pass-through	\$3.04/ccf	\$3.60/ccf	\$4.11/ccf	\$4.57/ccf	\$5.07/ccf
Drought Surcharge Per Level		\$0.12ccf	\$0.26/ccf	\$0.43/ccf	

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
**SUBJECT: NOTICE OF COMPLETION – OPEN TRENCH SEWER LINE REPLACEMENT
– BEADOR CONSTRUCTION**
DATE: APRIL 19, 2018

BACKGROUND

At the April 20, 2018 Meeting, the Board awarded the Open Trench Sewer Line Replacement Project to Beador Construction at a cost of \$393,000. After some delays related to scheduling (due both to Beador's schedule and the District's need to have some of the work completed during school winter vacation to reduce impacts to two schools in the construction area), work commenced in mid-December 2017 and was substantially complete by the end of February 2018.

During the project, significant issues developed during the work on the Browning Avenue/La Colina segment such that it was evident that it was possible that similar issues could be encountered in the next scheduled section at Browning/Irvine Blvd. The work in this section would not only greatly impact an elementary school's traffic circulation, but would also affect traffic in the intersection of a major arterial highway road (Irvine Blvd.) by requiring the closing of two lanes of the roadway. After review with our engineer, it was determined that it would be better to remove this work from the project and return to perform these repairs during the summer school recess; a credit for this work reduced the project cost by \$75,000 to \$318,000.

A claim was received on the project and staff has been discussing/clarifying this issue with the contractor; this issue, however, is unrelated to filing of the Notice of Completion.

FINANCIAL IMPACT

There is a nominal cost to file a Notice of Completion.

RECOMMENDATION

The Board accept the Open Trench Sewer Line Replacement Project and direct staff to file a the attached Notice of Completion with the County of Orange Clerk-Recorder.

FREE RECORDING PER
GOVERNMENT CODE 27383
RETURN TO:
East Orange County Water District
185 N. McPherson Road
Orange, California 92869
ATTENTION: L. Ohlund
PR: Open Trench Sewer Repairs

NOTICE OF COMPLETION

AND ACCEPTANCE

The EAST ORANGE COUNTY WATER DISTRICT, a California County Water District, 185 N. McPherson Rd. Orange, California 92869, Owner of the facilities described herein, does hereby give notice of completion and acceptance of the hereinafter described public work pursuant to Section 3093 of the Civil Code of the State of California and does set forth herein the information required by Section 3093 of the Civil Code of the State of California.

- (1) Project: Open Trench Sewer Repairs
- (2) Date of Completion and Acceptance: April 19, 2018
- (3) Contractor: Beador Construction
- (4) The nature of the Owner's interest or estate is:
 - ☐ Fee ☐ Easement ☐ Encroachment Permit
 - ☐ License ☐ Entry Permit ☒ Other: Construction
- (5) Surety on Payment Bond:
- (6) Location and Description of Project:

Direct replacement of 190 feet of 8" and 10" VCP sewer pipe sections through the open trench method at five sites in the North Tustin area.

Dated: April 19, 2018
EAST ORANGE COUNTY WATER DISTRICT (OWNER)

Lisa Ohlund
General Manager

STATE OF CALIFORNIA)
) ss
COUNTY OF ORANGE)

I, Lisa Ohlund, General Manager of the EAST ORANGE COUNTY WATER DISTRICT, a California Water District, do make this verification for and on behalf of said EAST ORANGE COUNTY WATER DISTRICT. I have read the foregoing Notice of Completion and Acceptance and know the contents thereof, and the facts therein stated are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed this 19th day of April, 2018 at Orange, California.

EAST ORANGE COUNTY WATER DISTRICT

Lisa Ohlund
General Manager

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: APPROVAL OF EOCWD COMMUNICATIONS PLAN
DATE: APRIL 19, 2018

BACKGROUND

Community Representation and Engagement comprises the third of five goals contained within the 2017 EOCWD Strategic Plan. Within this goal is Strategy 1: Build alliances to support the interests of EOCWD, and within this strategy is Objective 1: Develop a Communications Plan.

Attached to this memo is a draft Communications Plan that was developed collaboratively between staff and CommunicationsLAB. We believe that it comprehensively addresses the objectives contained in the Strategic Plan and provides a three-year blueprint that will build on our current Plan, without a significant increase in current spending (an inflationary allowance of 2.5% is included for Years 2 and 3).

EOCWD Staff will provide a short summary presentation of the Plan at the meeting, followed by CommunicationsLAB staff recapping our accomplishments over the past year and providing a look at some upcoming projects.

At their April 2, 2018 Meeting, the Finance Committee recommended that the Board approve the Communications Plan.

FINANCIAL IMPACT

Funding for the Year 1 (FY 2018/19) of the Plan is included in the current 2-Year Budget; approval for Years 2 and 3 (FY's 19/20 and 20/21) would be funded through approval of those budget's; budget costs quoted in the Plan are not anticipated to change.

RECOMMENDATION

The Board approve the proposed Communications Plan and direct staff to implement its provisions.

DRAFT

Communications Plan

A part of the 2017 Five-Year Strategic Plan

April 2018



Situation Analysis



The East Orange County Water District (EOCWD) is a locally governed, public wholesale and retail water district formed in 1961. Since August 1, 2016, we also serve as the sewer provider for the former Sewer Area 7 (previously owned and operated by the Orange County Sanitation District).

EOCWD serves a variety of customers; each customer is unique and presents customer service and communication needs that must be tailor-made for each audience.

Water utilities are facing historic challenges. Within the context of water scarcity, drought and climate change, arid states such as California are being asked to conserve more than 30 percent, reducing water-related revenues concurrently. At the same time, federal regulators continue to increase requirements for water quality compliance. On top of that, utilities have inherited an aging infrastructure that could require more than \$1 trillion in repairs nationwide over the next 20 years.

The challenge for water providers is that we are often invisible to the public until something goes wrong. Customers expect clean, safe water to routinely come out of the tap and that wastewater will go down the drain without a moment's thought, so it is easy to take the provider for granted. With the situations analyzed above, our customers will need additional impressions of their water and sewer provider beyond a routine bill statement or website visit.

The single biggest problem in communication is the illusion that it has taken place.

~ George Bernard Shaw

We recognize that this outreach is further challenged by a crowded and evolving media market. Our customers are bombarded with news and messages from phones, TVs, computers and tablets. The various generations use different sources for their news, but the Millennial Generation and those that come after will be the populations that pays for the bulk of future infrastructure investments. We must overcome the challenge of being "relatable" to our customers by communicating more often and more effectively using a wider array of communications channels.

Historically, the district has maintained a modest public profile. However, with the acquisition of the sewer system in 2016, our position as a regional water and wastewater agency is growing. To inform and educate our customers about the conservation changes and economic issues that are coming, as well as the investments that will enable us to continue to provide safe and reliable water and

sewer service, the District must elevate customer awareness through targeted and strategic outreach and communications.

As part of the District's Five-Year Strategic Plan, this Communications Plan serves as a blueprint to accomplish this important goal.

COMMUNICATION PRINCIPLES, PURPOSE, GOAL & OBJECTIVES

"The two words 'Information' and 'Communication' are often used interchangeably but they signify quite different things. 'Information' is getting out; 'Communication' is getting through."

~Sydney J. Harris, Journalist

The mission of the Communications Plan is to elevate public support and confidence in EOCWD by raising awareness and understanding of the District's activities and priorities. We will facilitate and deliver clear, transparent and engaging communication among the District's Board of Directors, staff, customers and all associated District audiences.

EOCWD's communications philosophy is to provide audiences with easy-to-understand information using a writing tone that is friendly, approachable and at times conversational. It is important to communicate clearly without jargon or overly technical terminology. The General Manager should be the final arbiter and "gatekeeper" for the written word and visual look of all District communications.

This plan is based on the following well-regarded Seven Communications Principles (the "Seven Cs"):

1. **Completeness** – Messages contain all of the facts necessary to convey the intent of the communication.
2. **Conciseness** – Messages are complete yet brief enough that they save time for the sender and receiver.
3. **Consideration** – Messages put the recipient in mind and answer questions from their point of view.
4. **Concreteness** – Messages are specific, definite and vivid, not vague and general.
5. **Clarity** – Messages convey the same intent and meaning that the sender intended.
6. **Correctness** – Messages are accurate, use appropriate tone for the situation, are grammatically correct and choose nondiscriminatory expressions.
7. **Courtesy** – Messages are sincerely tactful, thoughtful and appreciative.

This Strategic Communications Plan serves as the guiding framework for all EOCWD communications efforts. It establishes a baseline understanding for how EOCWD will provide information to customers, partners and employees; enhance the District's image; and market our services to customers in a manner that supports EOCWD's Vision, Mission and Values as expressed in our Strategic Plan:

Vision – “Maintain our community's high quality of life through provision of valued water and sewer services”

Mission – “Provide our customers with reliable, high quality water and sewer services featuring hometown service, fiscal discipline and direct accountability”

Values – “EOCWD will consistently adhere to high moral and ethical principles and will cooperatively work together with stakeholders to further the mission and goals of the organization”

For the purposes of this Plan, the word “communications” is defined broadly to include information, advocacy, marketing, engagement, government affairs and marketing research.

The overarching goal of this Strategic Communications Plan is to communicate the value of EOCWD's services, and the value of water more broadly, to all District audiences.

The plan's main objectives are to:

- Inform and educate our customers/stakeholders with consistent, credible and coordinated messages.
- Support the development of key messages that are grounded in EOCWD's vision, mission, values, operational goals and strategic direction.
- Enhance the image of EOCWD.
- Effectively promote our services that provide value to the customer experience.
- Identify the key themes, initiatives or projects that are likely to be the focus of most communications and marketing efforts through the current and next biennium (2018 – 2020).

EOCWD's Audiences

"Never treat your audience as customers, always as partners."

~ Jimmy Stewart, Actor

For the purposes of targeting messaging and communications, District audiences can be divided into **six** distinct segments (in addition to the general public). Communications may be directed to one or several audiences according to the purpose and desired outcomes of the messaging.

Our Customers –EOCWD's customers are at the heart of most of our communications efforts. However, it is important to keep in mind that "Customers" isn't a singular block, but a diverse array of interests.

Regional Agencies – These key agencies and their staff exercise great influence upon EOCWD's short and long-term planning, and with whom EOCWD regularly coordinates.

Regulators - This category refers to interests with whom EOCWD regularly coordinates joint activities and/or operations requiring oversight, permitting or regulation.

Local Government – Other local water and sewer, special district and cities comprise important partnerships that EOCWD maintains.

Advocacy and Community Organizations – These are non-governmental organizations that comprise important partnerships and who provide opportunities for EOCWD to be a part of the community and support events and activities that are important to the local community.

Key influencers – This refers to audiences which maintain a measure of influence over District perceptions, reputation, operations and policy.

Table 1. Breakdown of EOCWD Audiences

Customers
Service Recipients
Potential Service Recipients (Septic System Property Owners)
Residents of Orange, Tustin and unincorporated areas
Employees
Board of Directors
Citizens Advisory Group
Tustin Elected Officials & Staff
Orange Elected Officials & Staff
Golden State Water Company Officials & Staff
Irvine Ranch Water District Elected Officials & Staff
County of Orange staff
Consultants [Employees]
Vendors
Regional Agencies
MWDOC
OCWD
Orange County Sanitation District (OCSD)
3 rd District Supervisor
Board of Supervisors
LAFCO
Regulators
Santa Ana Regional Water Quality Control Board
State Water Resources Control Board
CA Department of Public Health
Local Government
Local Water & Sewer Agencies
Local Special Districts (other than water & sewer)
Local Cities
Advocacy and Community Organizations
Foothills Community Association
North Tustin Advisory Council
Orange Chamber of Commerce
Tustin Chamber of Commerce
OC Coastkeeper
OC Tax
OC Council of Governments
ACC-OC
So Cal Alliance of Publicly Owned Treatment Works
Association of CA Water Agencies
Southern California Water Committee
SCAG

California Special Districts Association
Independent Special Districts Association
Southern California Alliance of POTWs (SCAP)
Schools
Parents & Teachers
Civic Groups (Rotary, Elks, etc.)
Other yet-to-be-identified Non-governmental Organizations (NGOs)
Influencers
Media
Informed Businesses
Informed Community Leaders
Special Interest Groups

CHALLENGES & OPPORTUNITIES

"Opportunity is missed by most people because it is dressed in overalls and looks like work."

~Thomas A. Edison, Inventor

Through traditional communications vehicles such as newsletters, bill inserts, consumer confidence reports and media releases, EOCWD has been "getting the word out" about its operations and programs for many years. But has the organization been "getting through" to its customers? Based upon the District's 2015 survey conducted during the sewer acquisition process, the answer would be yes. In this survey, more than 90% of the Retail Zone customers had a positive to very positive view of the District.

This survey was conducted two years ago, well before the lead in drinking water concerns were raised locally and nationally and before the depth of the drought. It is a safe bet that a current survey would reflect higher concerns about water reliability, continuing conservation and possibly, the health and safety of drinking water. This assumption can be tested in the 2018 customer survey to be conducted later this year.

Challenges

Little understanding of EOCWD's water sources

Few EOCWD customers fully understand where their water comes from – groundwater, supplemented by imported water – as well as the implications contained in the distance that imported water must travel (many opportunities for disruption – earthquake, flood, mudslides, terrorism), the environmental impacts that have reduced this source (Endangered Species Act reductions) and the effects of climate change. This makes messaging more complicated because of the number and complex issues surrounding water sources.

Customer understanding about the need to raise rates

Few people want to pay more for an existing service when there is no perceived change, or worse, pay more when they have been saving water. It's also a hard sell asking customers to contribute toward solving a problem that they don't even know they have – as in the Retail Zone where we inherited significant system problems with no capital reserves. Many District customers are unaware of what the effects of water scarcity, conservation and an aging infrastructure will have on customer rates over the next several years. Communicating rate messages is further complicated by issues outside of EOCWD's control (e.g., increases in surface water charges or the costs of treating wastewater to drinking water standards in GWRS).

Linking customer rates with benefits

Water and wastewater are the “invisible” utilities. Much of the infrastructure to support the delivery of clean, safe water is out of sight or underground. While a transportation improvement is typically immediately apparent and experienced by the public, upgraded water and wastewater infrastructure is usually not so obvious to the consumer. The District must continually communicate the importance of investments in system improvements and how they benefit the community.

Getting the word out

Traditional communications (media releases, bill inserts, newsletters) are necessary but typically have low impact. For example, industry focus groups and customer surveys have shown repeatedly that bill inserts frequently are not read by customers. Advertising is expensive. In-person outreach is time consuming but is the best way to meaningfully connect with customers. Additionally, EOCWD has used a limited amount of social media in District communications in the past. To reach our audiences, the District must deliver messages frequently and broadly in a manner that is compelling and easily-digestible. More in-person customer outreach is also needed to develop and sustain customer relationships over time.

Opportunities

Water is vital

Water is among the few physical requirements for human survival. It is no surprise that drinking water quality is the number one environmental concern for many Americans. Unlike other services that could be deemed optional, EOCWD is a purveyor of an essential requirement for life and we consistently deliver it safely and at a reasonable price: this should continue to be part of our messaging.

EOCWD is starting from a good place

As noted previously, the District's survey revealed a very high level of service satisfaction from our customers. This provides an easier starting point for framing communications and having the messages heard by customers. However, it may be difficult to sustain such strong satisfaction levels in the face of repeated rate increases and other issues. The best defense is a good offense when it comes to maintaining customer satisfaction.

Social media + visual communications = raised awareness

Utilizing new media channels will enhance EOCWD's community profile. Social media and visual communications will be explored at greater length in this document. Actively working social media channels will support District messaging while reaching new audiences. Visual communications such as online videos and infographics will bring to life District activities that may be otherwise invisible to our audiences.

Enhanced customer outreach + engagement = raised awareness

Meeting with and speaking with customers directly is the best way to establish a meaningful connection. Focused customer relationship building through additional face-to-face targeted customer outreach will educate customers, foster understanding and awareness, and help establish a base of goodwill. In-person customer engagement can happen through EOCWD-staffed community events, customer meetings, community involvement in capital projects, enhanced key customer outreach and other in-person meeting opportunities.

Leveraging regional partnerships

"Go it alone" is rarely the best strategy. Partnership is the reason behind the District's participation in the Foothill Communities Association (FCA), the Independent Special Districts of Orange County (ISDOC), the Association of California Cities-Orange County (ACC-OC) and other local, regional and state organizations. New partnerships may include the emerging Sustain OC program and periodic support for the Orange County Council of Governments (OCCOG) through their annual General Assembly.

EOCWD Brand

"A brand is no longer what we tell the consumer it is, it is what consumers tell each other it is."

~ Scott Cook, Intuit CEO



EOCWD was formed in 1961 to bring imported water as a reliable, supplemental source of water to the East Orange/Foothill area. The first visual identity, a block graphic of the initials, "EOCWD" using a two-toned blue ink was most likely produced in the mid-late 1960s, early 1970s.

The District undertook the development of a new logo in late 2016 after considering several changes including:

1. Sewer system acquisition
2. Repositioning within the industry
3. Desire to reach existing and new audiences
4. Desire to reflect District modernization



The sewer acquisition repositioned EOCWD within the region as a multi-purpose special district, elevating and repositioning the District's role and reputation. In order to sustain the District as a financially and operationally viable system, the District must periodically raise rates, which requires developing and maintaining customer understanding and acceptance amongst both existing and new customers. Finally, the District's brand required *modernization*. The old brand was developed during the first Nixon administration. A lot has changed.

The refreshed organizational image was overdue and will be more compatible with the implementation of the new visual communications strategy. The new logo carries forward EOCWD's initials and our full name, but in a modern typefont/style. The half orange "O" is a nod to our Orange County location, and the "wave" is suggestive of water – regardless of whether it is water or wastewater. Shades of light and dark blue are used to create the "wave" and to emphasize the "Water District" part of our name. The overall cost to the District was nominal, ~\$5,000 for the graphic artwork; no additional printing costs were incurred as we used up stock with the old logo until it was consumed; the District had a "soft" roll-out of the logo in mid-2017.



Additionally, drops of water – signifying "every drop counts" will be used as a secondary branding tool in appropriate District publications to enhance visual messaging.

Whether for a District-wide communications campaign or a targeted outreach initiative, EOCWD shall take an *integrated* approach with the recognition that no single way of communicating effectively reaches all segments of the intended audience. Some people read bill inserts; many do not. Electronic and printed newsletters are dependent on having comprehensive and up-to-date mailing lists to be useful. Most customers go directly to the EOCWD website for information, which is a good thing, yet presents its own set of challenges for us, as it will be incumbent upon staff to ensure that the site is kept exceptionally current. Very little of what the District currently communicates to customers is presented in a visual format. These are among the communications issues that must be addressed by EOCWD moving forward.

The last point is important and a major change to EOCWD's past communications practices. We are *all* visual learners; pictures remain in our minds for a lot longer than abstract concepts and words. Memory retention after a week goes from 10% to 65% when pictures are used (John Medina, *Brain Rules* 2009). EOCWD must seek to balance written material with engaging visuals that show District programs and activities in addition to our people and facilities. Highlighting our customers' experiences with their water and sewer provider will further demonstrate EOCWD's vital role in our community.

As the public moves to more visual communications, successful mediums include:

- New and updated images that reflect the District's work, values and personality.
- Infographics and other visuals that showcase water treatment and distribution for use in ratepayer and stakeholder communications.
- Videos and animation on the website and District YouTube channel, electronic newsletters, in social media and partner communications.

Communications tactics will:

- Keep it simple, explaining the basics
- Connect the dots between rates and programs, demonstrating value
- Expand community and customer education, with a focus on developing relationships
- Collect feedback, providing two-way communication opportunities
- Show, not just tell, making things visual

Key Messages

*The most important things are the hardest to say,
because words diminish them.*

~Stephen King, Author

District Wide

- We provide high quality water and sewer service.
- We are frugal with ratepayer's money.
- We are accountable for what we do.

Retail

- Our water is safe and reliable.
- We use excellent people the latest technology to do work.
- We get 75% of our water the ground locally and 25% imported from far away.
- The water is getting more expensive at a faster rate because it is getting scarcer.
- Customers are going to be required to use less water by the State.
- We have a plan to help customers save water.
- We updated our Master Plan.
- Our system is at the end of its useful life.
- We have done a good job of keeping costs under control, but rates will continue to rise because of the cost of water and replacing the old system.



and
our

from
is

Wholesale

- We deliver water to two cities, 2 water districts and one private water company.
- Our water is safe and reliable.
- All of the Wholesale water is imported.
- Imported water is becoming more expensive.
- We updated our Master Plan.
- We are considering rebuilding our water treatment plant and adding other agencies as customers.
- We are trying to stabilize our imported water costs and safeguard water quality.

Sewer



- We recently took over the sewers from another agency.
- We are updating the Master Plan for sewers.
- We have identified areas that need repair and replacement and we are going to fix them.
- We need customers to reduce Fats, Oils and Grease discharges to reduce sewer spills.
-
- We need customers to stop using "personal wipes" in order to reduce sewer spills.
- We need to ask customers to call us when they cut roots out of their laterals.
- We are working with septic system customers to help them connect to the sewer system.

Tools & Tactics

"There are no traffic jams along the extra mile."

~ Roger Staubach, Football Player

Ongoing: External

The District has a variety of ongoing communications tools and outreach efforts which have served the organization well throughout the years. This Communications Plan does not propose to eliminate any of them, but it does take a critical look at their perceived effectiveness with an eye toward improvement.

WWW.EOCWD.COM: EOCWD's website is the primary communications outlet for the District. Many District messages, information items and public documents are stored on the site. Most businesses, organizations, agencies and groups use their websites as the ultimate destination for all of their communications mediums, and EOCWD is no exception.

EOCWD's website was originally created in the late 1990s and was maintained by the Administrative Department. It was re-designed in 2011, and is currently being updated in stages by CommunicationsLAB, the District's communications/outreach consultant. The District's homepage is based on the Wix content management system (CMS) and while content can be updated by staff, the CommunicationsLAB graphic designer is responsible for the look and full functionality of the website.

EOCWD's new Wix website is built on a cloud-based content management system that is more user-friendly and capable of supporting modern visual and social media communications tools. It is also smart phone- and tablet-friendly.

One important focus of the website will be the creation of a Blog that will feature periodic "opinion" pieces authored by Board Members and the General Manager. These pieces will be featured in our social media outreach and will also be sent to email addresses of record.

NEWSLETTER: A newsletter ("East Orange WATER") has been sent to the District's Retail Zone customers periodically; it was included in the water bill to reduce mailing costs. Past issues have tended to focus on water conservation messages and water rates.

This Communications Plan proposes re-naming the Newsletter to "State of the District Report." The new format newsletter will be produced annually and delivered in print to an updated customer mailing list as well as made available electronically through the EOCWD website. The publication will be produced in a large-format postcard, visually appealing and will largely use graphics to convey the message being communicated (e.g., performance metrics). The newsletter will be tailored to each customer audience (i.e., Wholesale, Retail, Sewer).

CONSUMER CONFIDENCE REPORT (CCR, WATER QUALITY REPORT): Every water system is required to publish a water quality report that includes a list of contaminants found in the water. This report has legal requirements that include certain text and tabular data that must be included, but which can detract from intuitive understanding of the message. The California Department of Drinking Water requires EOCWD to notify customers about the availability of the report by July 1 every year.

The CCR used to be mailed to every customer with water bills or as a standalone document for those who don't receive a water bill directly from EOCWD. However, beginning in 2015, EOCWD began directing those interested in the report to the website. EOCWD staff will internally print and mail copies to customers who request a hard copy.

Unfortunately, timing will not allow for a substantial re-imagining of this report to provide a more visual format. After 2018, future CCR reports will offer provide an opportunity to incorporate an enhanced visual message along with the legally required text and data.

BROCHURES: EOCWD places its logo on a variety of subject-specific brochures (produced by MWD and/or MWDOC) to distribute depending on the situation (for example, yard irrigation or fixing leaks).

DIRECT OUTREACH: The District occasionally conducts in-person outreach to customers and stakeholders at District-sponsored meetings and community events. This activity builds stronger relationships than those afforded by passive communications and should be prioritized. Among the direct outreach approaches that EOCWD can conduct include:

- Inviting stakeholders and community leaders to meet at the EOCWD boardroom for more District sponsored meetings.
- Continue to pursue staff and Board member speaking opportunities at conferences, community events and at other leadership opportunities, when appropriate.
- Survey customers regarding key attitudes and concerns.
- Conduct additional key customer outreach and engagement.
- Continue to seek opportunities for direct outreach in community activities.

- Continue to seek out opportunities to provide education and outreach about careers in the water industry.
- Leverage these appearances by promoting them (in video, photos or event website links) on the EOCWD website and in social media channels, where appropriate.
- Provide approach outreach materials that may include “take-aways” such as leak disclosure tablets, FOG reducing materials, water conservation items – all imprinted with the District logo.

YOUTH EDUCATION: EOCWD maintains participation in MWDOC’s longstanding and robust youth education and outreach program that directly reaches and engages hundreds of area high school students annually (9-12). Classroom instruction modules are provided by consultant Inside the Outdoors. District management staff have participated in this program at the high school level by speaking to the students directly regarding water issues in general, District operations in particular, and job opportunities in the industry and with the District.

The following tables detail specific strategies and tactics that will be used to communicate the key messages identified above.

Strategies – Wholesale Zone	Tactics
Direct Mail Outreach	Postcard mailers, flyers, brochures, door-hangers, “State of the District” mailer to wholesale customers
Paid Media Outreach	Foothills Sentry, School News
Develop Website Blog	Feature stories on District’s capital improvement, customer service, etc. efforts,
Digital Outreach	Web re-design, improved web copy, social media editorial calendar
Earned Media	Op-ed placements, Foothills Sentry
Video Production	PSAs on “value of water”
Community Outreach	Engage with cities, regional agencies and organizations to provide information on district activities
Meetings and Ascertainments	Quarterly meetings with wholesale customer representatives to discuss challenges and opportunities
Strategies – Retail Zone	Tactics
Direct Mail Outreach	Postcard mailers, flyers, brochures, door-hangers, water conservation “State of the District” mailer to Retail Zone customers.
Paid Media Outreach	Foothills Sentry, School News (drought tolerant landscaping).

Develop Website Blog	Feature stories on customer service, water conservation, "how your water dollar is spent."
Digital Outreach	Web re-design, improved web copy, social media editorial calendar, value of water, conservation/landscaping/water use efficiency, rebates, news stories on water issues facing Southern California.
Earned Media	Op-ed placements, Foothills Sentry re local operations, fiscal issues
Video Production	PSAs on water conservation, "how your water dollar is spent" "Value of Water"
Community Outreach	Engage with cities, regional agencies and organizations to provide information on district activities, especially MWDOC Water Use Efficiency and Public Affairs Work Group

Strategies – Sewer Zone	Tactics
Direct Mail Outreach	Postcard mailers, flyers, brochures, door-hangers, "State of the District" mailer to sewer customers
Paid Media Outreach	Foothills Sentry, School News (cleaning your lateral, what to flush, fats/oils/grease)
Develop Website Blog	Feature stories on the District's capital and maintenance plans; FOG issues
Digital Outreach	Web re-design, improved web copy, social media editorial calendar, sewer lateral cleaning contest, district maintenance
Earned Media	Op-ed placements, Foothills Sentry
Video Production	PSAs on "value of sewers"
Construction Outreach	Direct outreach with affected cities, school districts, flyers to affected customers, web and social media posts
Community Outreach	Public meetings including District officials, county staff and financing experts

Tools & Tactics

*"Everyone talks about building a relationship with your customer.
I think you build one with your employees first."*

~ Angela Ahrendts, Apple Vice President

Ongoing: Internal

EOCWD's closest, most informed stakeholders are the internal ones – District Board members and staff who conduct the business of the organization every day. EOCWD employees and Board members can be utilized as ambassadors of the District's brand. Many employees serve on the front lines and are the first point of contact with the community. They will be provided with key messages and communications tools, where appropriate, to further the District's relationship-building with customers. Their feedback also can be important in shaping District messages and tactics. Additionally, EOCWD employees and Board members can provide a foundation upon which to build the social media strategy since many personally utilize social media applications.

Ideas for expanded internal strategic communications include:

Strategies	Tactics
Train Employees	Hold an all-hands staff meeting to present and train employees on their role in the Plan
Solicit Employee Contributions	Seek employee and Board contributions to the website blog and other publications
Recognize Employee Achievement	Website and social media recognition of significant employee contributions
Board/Employee Involvement	Actively include the Board & employees in social media applications rollout and solicit their "following."
Board/Employee Training	Hold Board/Employee training on social media and how to use.
Develop CIP Project Content	Close coordination with Engineering & Operations on community outreach

	associated with capital improvement projects.
Develop Media Content	Job shadowing with field operations and water quality staff to capture video/photo imagery and for social media content.
Develop Website Blog	Feature stories on District's Customer Service efforts, Customer conservation achievements, Board initiatives, budget impacts and priorities/letter from the Chairman
Provide Board Updates	Semi-annual/periodic updates at Board meetings.
Community Outreach	Engage with cities, regional agencies and organizations to provide information on district activities
Engage Citizens Advisory Committee	Provide education and seek feedback

New/Expanded Tools

"Social media replaces nothing but complements everything."

~ Neal Schaffer, Social Media Consultant

Expanded social media and digital communications don't eliminate anything previously mentioned in this Communications Plan. Rather, online engagement will complement the messaging and customer outreach associated with all of the District's traditional communications approaches. Repurposing key messages and public information in new ways online is a cost-effective way to reach EOCWD's customers more strategically and more frequently. The District's audience is changing with the times, so it's a smart move that we change along with them.

Social media offers enormous potential for EOCWD. In essence, it's a new way of reaching and communicating with the District's customers and stakeholders.

- **Reaches audiences where they already are.** Seventy-eight percent of the American public have at least one social media account, with Facebook and Twitter the most popular (Statista, 2016). Leveraging social media within the District's communications strategy is simply accessing channels of information already favored by a large segment of the population.
- **EOCWD can communicate every day.** This is a huge benefit over other media, as print advertising, newsletters, mailers, bill statements, etc. go out much less frequently, making it more difficult to get our messages out at the right time.
- **People who respond extend EOCWD's reach.** The added benefit is that the people who react to EOCWD's social media messages share this with their friends and essentially start communicating and advertising for the District. This can be powerful because it increases the reach of our message, and EOCWD's followers may become advocates of our message. Added to that, their friends may start reacting and thus increasing the power of EOCWD's message exponentially.
- **Content sharing becomes much easier.** Sharing District news, photos, videos, etc. becomes much easier and, in turn, offers EOCWD more reasons to develop such content in the first place.

- **Enhances constituent services.** Publicizing seasonal conservation messages or lesser-known District programs such as toilet or turf rebates becomes much easier with more frequent, short messaging afforded by social media.

As EOCWD embarks on a social media/digital engagement strategy, we must develop policies to mitigate against potential risks. Some things to consider:

- Issues associated with protection of privacy, quality of information and public perception.
- Make sure social media programs are directed toward producing tangible benefits.
- Consider how social media integrates with the District's core mission.
- Develop social media guidelines for staff, including for personal use.
- Consider how social media will factor into official record keeping, open meetings and public records requests.
- Use available Facebook tools such as news feed, algorithms, instant articles, security settings, comment policy and profanity filter.

This Communications Plan recommends the following social media continue as a premier part of EOCWD outreach:

Facebook

Facebook is currently the most popular social media application. At a glance (Facebook, 2016):

- 198 million monthly active users in the U.S.
- 179 million monthly active on mobile
- 1 out of every 5 mobile minutes are spent on Facebook
- 100 million hours of video watched every day on Facebook
- Most EOCWD partner, regional, regulatory, community and influencers use Facebook.

EOCWD currently has a Facebook account under the name East Orange County Water District with 2,178 people following it and 2,186 "likes." To increase viewership, the agency has purchased "boosted" posts – for a fee, you can have your post appear higher up in your audience's News Feed. The fee depends on how many people you want the post to reach.

Twitter

Twitter is currently the second most popular social media application. At a glance (Twitter, 2016):

- 65 million monthly active users in the U.S. (330 million worldwide)
- 80% of users are mobile
- 1 billion tweets every day
- Video growth on Twitter has increased 220% in the past year

EOCWD currently has a Twitter account with “@eocwd” as the Twitter handle. The account has 209 followers, and issues tweets approximately once a week. A Twitter use policy will be prepared, the account will be refreshed and an increased online following initiated with the prior followers as well as District customers, partners, media and employees.

Nextdoor

Nextdoor is a social media application designed for neighborhood communications. It is a private social network but the developers maintain a platform specifically for free government agency use. At a glance (Nextdoor, 2016):

- 56% of all U.S. neighborhoods have launched Nextdoor
- All members are verified members of your community; nothing is anonymous
- Messages can be sent to one or many neighborhoods, service areas or the entire District
- Many public agencies are using Nextdoor for community engagement, emergency preparedness, public health and crime prevention

Nextdoor creates a trusted online environment where neighbors feel safe openly discussing issues of concern or interest in their community. Because joining, whether as a resident or public agency, requires verification, nothing can be anonymous. The application is designed to connect neighbors, not friends, therefore it offers perhaps the most grassroots outreach approach to available EOCWD beyond door-to-door canvassing. Nextdoor can create a free online account for EOCWD using the exact District boundaries simply from shape files provided to them. In fact, Nextdoor can create targeted, defined notification areas and as many as an agency wants. For example, EOCWD could create a separate notification area for the Wholesale Zone, the Retail Zone and the Sewer Zone.

EOCWD presently does not have an account with Nextdoor; one was requested in 2017 and we were advised that they were not adding government agencies at that time. This Plan recommends re-contacting Nextdoor in coordination with District IT staff to advocate for addition of our District. Upon activation, a Nextdoor use policy will be prepared and Nextdoor will be incorporated in the District social media outreach implementation.

Online Video and YouTube

Online video content is exploding. It is estimated that two-thirds of world mobile data traffic will be video by 2019. The District has used video through the

development of two "How to" conservation videos posted on our website, video of a recent construction project/interview with field staff and videotaping of a septic-to-sewer outreach meeting.

Video brings to life the hidden assets and untold stories of EOCWD. The videos are professionally produced by CommunicationsLAB, however much can also be done with a point and shoot camera and simple online editing applications. An iPhone 6 with an up-to-date operating system contains all the tools needed to shoot, edit, caption and upload simple yet compelling short videos to the District website and YouTube channel. Staff will also purchase a digital camera that is capable of producing the next generation of digital 4K resolution and some inexpensive editing software and the District will have all the necessary tools to launch a credible visual communications program as an adjunct to CommunicationsLAB's efforts.

Suggestions for incorporating video into EOCWD outreach and communications include:

- Creating videos about complicated subjects, capital projects and service upgrades
- Telling the stories of District staff using testimonials and "day in the life of" employee profiles; also aids HR recruiting
- Demonstrating useful tips, conservation/water-saving activities and how to flush for lead in water
- Shedding additional light on hard to learn topics such as the District's budget process or visually demonstrating how to use the new online payment system
- Promoting the District's youth education program
- Preparing video news releases in addition to printed media releases
- Providing general b-roll for use by the television media
- Showcasing unique, interesting or fun stories associated with EOCWD

Measuring the Efforts

"We all need people who will give us feedback. It's how we improve."

~ Bill Gates, Microsoft Founder

Customer and stakeholder feedback is invaluable in informing the District's messaging and shaping the overall approach to outreach and communications. EOCWD's primary formal feedback mechanism will be a bi-annual, statistically-valid customer survey performed by Lewis Consulting. The survey includes benchmarking questions on topics such as overall impressions of EOCWD, satisfaction with rates, concerns about water quality and billing preferences. The next customer survey will be conducted in Spring/Summer 2018.

Informal customer feedback is routinely collected from customer comments submitted through the website, phone calls, public comments at Board meetings and general impressions of customer concerns and issues provided by the District's customer service team and field operations and maintenance crews.

Strategies for enhancing EOCWD's research and customer feedback include:

- Using algorithms such as Google analytics to collect data on the District's website use and social media applications.
- Institute more comprehensive internal employee surveys.
- Promote survey findings to internal and external audiences; explain how the research is being incorporated into District programs.

Timeline

		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
Retail	Direct Mail Outreach		x			x			x			x	
	Paid Media Outreach		x			x			x			x	
	Newsletter		x			x			x			x	
	Digital Outreach	x	x	x	x	x	x	x	x	x	x	x	x
	Earned media			x			x			x			x
	Video Production			x			x			x			x
Sewer	Direct Mail Outreach		x			x			x			x	
	Paid Media Outreach		x			x			x			x	
	Newsletter		x			x			x			x	
	Digital Outreach	x	x	x	x	x	x	x	x	x	x	x	x
	Earned media			x			x			x			x
	Video Production			x			x			x			x
Wholesale	Direct Mail Outreach		x			x			x			x	
	Paid Media Outreach		x			x			x			x	
	Newsletter		x			x			x			x	
	Digital Outreach	x	x	x	x	x	x	x	x	x	x	x	x
	Earned media			x			x			x			x
	Meetings				x						x		
Internal	Board Engagement	x	x	x	x	x	x	x	x	x	x	x	x
	Community Outreach	x		x		x		x		x		x	
	Newsletter		x			x			x			x	
	Engage Citizens Advisory Committee				x						x		
	Recognize Employee Achievement		x			x			x			x	

Budget

Consultant Services

The District has retained CommunicationsLAB to provide general outreach and other related communications services; this Communications Plan anticipates that their work will encompass this plan within their current budget.

The District will continue to have access to the all of the communications veterans and resources at Communications LAB including: graphic design, video production, social media expertise, media relations, event management, and more for equivalently the same cost of one entry level communications staff person. They are committed to the continued provisions of excellent communications and community outreach services, at a rate that does not burden the district with permanent staffing costs.

Proposed Budget (2017-2019)

Professional Services:

Community Outreach and Public Education services (\$5,000 per month)

- Sewer Area 7 \$2,500
- Wholesale Zone \$1,250
- Retail Zone \$1,250

Annual Total: \$60,000

Direct Costs:

Examples include: Printing, Postage, Media costs and Ad placements, Website and Social Media costs

Annual Total: \$35,000

TOTAL ANNUAL COST: **\$ 95,000**

TOTAL 3-YEAR COST (including Inflation Adjustment): **\$332,500**

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: **WHOLESALE ZONE SYSTEM WATER QUALITY ISSUES – LOW DEMAND OPERATING PLAN AND FUNDING PROGRAM**
DATE: APRIL 19, 2018

Background

Pursuant to direction given at the March 15th Board Meeting, staff worked with Raftelis Financial Consultants and District Legal Counsel, Jeff Hoskinson, to develop a Low Demand Operating and Funding Program that recognized the concerns raised by Ken Vecchiarelli of Golden State Water Company, as well as the financial impacts to the City of Tustin.

After review of both Propositions 218 and 26, Raftelis recommended two options for consideration, both of which utilized the District's existing Readiness-to-Serve charge methodology to allocate either the cost of flushed water or the cost of water delivered to Tustin's distribution system.

Option 1 considered the cost allocation for flushed water that had little beneficial use: it would be charged to all agencies at the cost paid by EOCWD (\$1015/AF), based upon the number of retail connections within the EOCWD Wholesale Service Area (see attached example using 30 AF of flushed water). This allocation method is the one that is currently used to allocate these costs.

Option 2 considered the cost allocation for water that was put to a beneficial use in Tustin's water system. Under this scenario, Tustin would buy the water at their cost (this issue will be further discussed below), with the difference in cost between the \$1015/AF and their cost of production, the resulting sum would be charged to each agency based upon the number of retail connections within the EOCWD Wholesale Service Area.

As shown in the attached example, if 30 AF were required to augment reduced demand and ensure water quality via flushing the system, under Option 1, all agencies would be required to pay a portion of the extra \$30,450 and the water would essentially be wasted. Under Option 2, this cost is reduced to \$14,190 and the water would be put to beneficial use.

With regards to the "Paid by Tustin in lieu of GW Cost," Tustin has indicated that they believe they should pay the OCWD Replenishment Assessment Charge plus the energy cost to pump the water out of the ground, not the cost they pay to treat a portion of the groundwater they pump. Staff proposed a melded rate (comprised of both) at around \$700/AF; Tustin declined. The Engineering & Operations Committee, at their April 12, 2018 Meeting, requested that Tustin meet with the Committee at their May 10, 2018 Meeting and provide documentation in support of their position. The Committee also noted that EOCWD staff will be amending the draft policy to reflect when and how a call for Low Demand Water will be made, and to limit this to District initiated requests only.

Tustin has also requested that staff consider taking a relatively short pipeline segment out of service that only serves Tustin. At this time, staff is not recommending this approach as this could increase water age in a portion of the system that serves Golden State Water Company, and this reduces system flexibility and reliability, two things that the Board has made a policy decision (at the March 15th meeting) to avoid.

2

Financial Impact

There is no cost associated with this item.

Recommendation

Information item only; no action is necessary at this time.

LOW DEMAND OPPORTUNITY COST ALLOCATION OPTIONS

(30 AF)

PROBLEM:
How to recover water use for flushing to ensure fresh water quality?
Maintaining water quality in the distribution system is part of the costs to be included in the EOCWD readiness-to-serve charge.

Option 1:

Purchase from MWD to flush the system

MWD Unit Rate	Quantity	\$ per month	
\$1,015	30.00	\$30,450	

CUSTOMER	No of Certified Retail Meters	%	Additional Monthly EOCWD RTS Charges
TUSTIN	14,208	68%	\$20,709
IRWD	438	2%	\$638
GSWC	2,604	12%	\$3,796
ORANGE	2,435	12%	\$3,549
EOCWD	1,206	6%	\$1,758
Total	20,891	100%	\$30,450

Option 2:

Tustin will purchase additional water from EOCWD to keep water moving in the system, at their GW cost.
The marginal cost of the water will be considered the cost to maintain water quality in the distribution system, which benefits all member agencies / water purveyor / customers

MWD Unit Rate	Paid by Tustin in lieu of GW cost	Marginal Cost to EOCWD	Quantity	\$ per month	
\$1,015	\$542	\$473	30.00	\$14,190	

CUSTOMER	No of Certified Retail Meters	%	Additional Monthly EOCWD RTS Charges
TUSTIN	14,208	68%	\$9,651
IRWD	438	2%	\$298
GSWC	2,604	12%	\$1,769
ORANGE	2,435	12%	\$1,654
EOCWD	1,206	6%	\$819
Total	20,891	100%	\$14,190

	Option 1 (51AF purchased from MWD)	Option 2 (51AF consumed by Tustin)
Impacts on Tustin	Highest financial impact (109%)	Less impact on monthly RTS, no financial impact to purchasing
Impact on Other Agencies	Highest financial impact (109%)	Less impact on RTS charges (51%)
Environmental Impact	More environmental impact --> water waste during flushing process	Water is consumed by Tustin water --> less groundwater is pumped for Tustin --> saves energy

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
**SUBJECT: SEPTIC SYSTEM CONVERSION PROJECT – VISTA DEL LAGO
CONVERSIONS – UPDATE REPORT**
DATE: APRIL 19, 2018

BACKGROUND

The Vista del Lago Septic Conversion is comprised of a group of ten property owners that have been working on a plan to transition off of their failing septic systems since 2008. On January 11, 2018, the Board held a Special Meeting to discuss a financing option through participation in the Statewide Community Infrastructure Program (SCIP), as well as to ascertain the interest by the owners in committing to the project. At the end of the meeting, the Board requested that a letter be sent to the owners assessing their desire to move forward with the project with the current understanding of the project costs.

During February, engineering and operations staff met with each homeowner to assist the homeowners in identifying costs that weren't associated with the main sewer line extension, but rather, were associated with their unique property location, lateral alignment/length, etc. After this was completed, staff sent out a letter requesting the property owner's position on the project (see attached copy of representative letter). All ten property owners submitted responses indicating that they would be participating in the project.

Unfortunately, on April 5th, SCIP advised General Manager Ohlund that they would not be able to proceed with the project financing, citing the small amount of the issuance and the number of property owners despite the fact that this was reviewed with SCIP representatives on two occasions. Staff has contacted our financial consultant, Fieldman Rolapp, to determine what other financing options, similar to SCIP, may be available. At the time this memo was written, a meeting was set for April 16th with Anna Sarabian of Fieldman Rolapp to discuss preliminary information she may have; an update will be provided at the Board Meeting.

Staff advised Vista del Lago's lead representative, Mark Thomas of the SCIP action; he is understandably disappointed at the action and the delay that this will cause, and the potential for increased costs to the participants.

FINANCIAL IMPACT

There is no direct expense associated with this information.

RECOMMENDATION

Information only; no action is required at this time.



185 N. McPherson Rd.
Orange, Ca 92869
P: 714-538-5815
F: 714-538-0334
eocwd.com

February 14, 2018

BOARD OF DIRECTORS

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President

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Seymour (Sy) Everett
Director

John L. Sears
Director

Lisa Ohlund
General Manager

Mr. Mark Thomas
11291 Vista del Lago,
Santa Ana, CA 92705

Subject: Assessment of Position Regarding Proposed Vista del Lago Sewer Project

Dear Mr. Thomas,

As a follow-up to the meeting held with property owners from Vista del Lago and Carroll Way on January 11, 2018 regarding the subject project; this letter is sent to assess your support for the proposed construction of sewer facilities and ultimately, connection of your property to the public sewer system.

Please note that your completion and return of the question below will be used by the Board to determine the initial viability of this project and the level of participation by the District in this project. Your collective response is essential for providing direction to the District as whether to take the opening steps with the California Statewide Communities Development Authority ("CSCDA") Statewide Community Infrastructure Program ("SCIP") to establish eligibility for project financing.

Please mark as appropriate below, sign and return this letter to me via email or U.S. Mail by **Friday, February 23, 2018**.

If you have any questions, please contact me at (714) 538-5815 or lohlund@ecowd.com between the hours of 8:00 a.m. – 5:00 p.m., Monday- Friday.

Sincerely,

Lisa Ohlund
General Manager

_____ Yes, I (we) will be participating in this project

_____ No, I (we) will not be participating in this project

Property Owner

Property Owner

EAST ORANGE COUNTY WATER DISTRICT

DISBURSEMENT SUMMARY

April 19, 2018

WHOLESALE AND RETAIL BILLS	\$428,403.05
DIRECTOR'S PAYROLL	\$1,103.41
EMPLOYEE'S PAYROLL	\$80,277.09
DISBURSEMENT TOTAL	<u>\$509,783.55</u>

TRANSFER SUMMARY

TRANSFERS	\$ -
TRANSFER TOTAL	<u>\$0.00</u>

NOTE: THE EXPLANATION OF FUNDS TRANSFERRED IS SHOWN ON THE FUNDS TRANSFERRED SHEET ATTACHED.

1:43 PM

03/12/18

Accrual Basis

East Orange County Water District

Bills For Consideration

As of March 12, 2018

Type	Date	Num	Name	Credit
1011-10 · Checking Citizens-WZ				
1011-30 · Checking Citizens-ID1				
Total 1011-30 · Checking Citizens-ID1				
1011-10 · Checking Citizens-WZ - Other				
Bill Pmt -Check	03/12/2018	2391	ACWA-JPIA (EMP INSURANCE)	14,370.23
Bill Pmt -Check	03/12/2018	2392	ALLCOM	360.00
Bill Pmt -Check	03/12/2018	2393	CITY OF ORANGE	89.97
Bill Pmt -Check	03/12/2018	2394	CITY OF ORANGE-WATER	26.10
Bill Pmt -Check	03/12/2018	2395	EAST ORANGE COUNTY WATER DI...	30,413.84
Bill Pmt -Check	03/12/2018	2396	HOME DEPOT CREDIT SERVICES	710.33
Bill Pmt -Check	03/12/2018	2397	LEWIS CONSULTING GROUP	1,500.00
Bill Pmt -Check	03/12/2018	2398	MAIN GRAPHICS	938.38
Bill Pmt -Check	03/12/2018	2399	SOUTHERN CALIFORNIA EDISON	2,713.35
Bill Pmt -Check	03/12/2018	2400	EAST ORANGE COUNTY WATER DI...	429.92
Total 1011-10 · Checking Citizens-WZ - Other				51,552.12
Total 1011-10 · Checking Citizens-WZ				51,552.12
TOTAL				51,552.12

9:43 AM

03/15/18

Accrual Basis

East Orange County Water District

Bills For Consideration

As of March 15, 2018

Type	Date	Num	Name	Credit
1011-10 · Checking Citizens-WZ				
1011-30 · Checking Citizens-ID1				
Total 1011-30 · Checking Citizens-ID1				
1011-10 · Checking Citizens-WZ - Other				
Bill Pmt -Check	03/15/2018	2401	AKM CONSULTING ENGINEERS	34,540.00
Bill Pmt -Check	03/15/2018	2402	AT&T	35.27
Bill Pmt -Check	03/15/2018	2403	CA BANK & TRUST	6,906.00
Bill Pmt -Check	03/15/2018	2404	COMMUNICATIONS LAB	5,000.00
Bill Pmt -Check	03/15/2018	2405	CR&R INC.	105.94
Bill Pmt -Check	03/15/2018	2406	DKF SOLUTIONS GROUP, LLC	395.00
Bill Pmt -Check	03/15/2018	2407	ID MODELING, INC.	5,571.20
Bill Pmt -Check	03/15/2018	2408	PARADISE DRINKING WATERS	33.80
Bill Pmt -Check	03/15/2018	2409	PLATINUM CONSULTING GROUP	5,190.00
Bill Pmt -Check	03/15/2018	2410	TAB ANSWER NETWORK	62.00
Bill Pmt -Check	03/15/2018	2411	TOTAL EXTERMINATING INC	275.00
Bill Pmt -Check	03/15/2018	2412	TRUESDAIL LABORATORIES, INC	181.50
Bill Pmt -Check	03/15/2018	2413	VERIZON WIRELESS	546.82
Total 1011-10 · Checking Citizens-WZ - Other				58,842.53
Total 1011-10 · Checking Citizens-WZ				58,842.53
TOTAL				58,842.53

10:14 AM

03/21/18

Accrual Basis

East Orange County Water District
Bills For Consideration
As of March 21, 2018

Type	Date	Num	Name	Credit
1011-10 · Checking Citizens-WZ				
1011-30 · Checking Citizens-ID1				
Total 1011-30 · Checking Citizens-ID1				
1011-10 · Checking Citizens-WZ - Other				
Bill Pmt -Check	03/21/2018	2414	ACV SYSTEMS, LLC	318.94
Bill Pmt -Check	03/21/2018	2415	AKM CONSULTING ENGINEERS	38,962.50
Bill Pmt -Check	03/21/2018	2416	AYALA ENGINEERING	11,130.00
Bill Pmt -Check	03/21/2018	2417	CITY OF ORANGE	94.15
Bill Pmt -Check	03/21/2018	2418	CITY OF TUSTIN	879.56
Bill Pmt -Check	03/21/2018	2419	CORE & MAIN LP	698.65
Bill Pmt -Check	03/21/2018	2420	EEC ENVIRONMENTAL	820.00
Bill Pmt -Check	03/21/2018	2421	GENERATOR SERVICES CO, INC	3,537.19
Bill Pmt -Check	03/21/2018	2422	HACH COMPANY	635.03
Bill Pmt -Check	03/21/2018	2423	HOME DEPOT CREDIT SERVICES	214.07
Bill Pmt -Check	03/21/2018	2424	MESA WATER DISTRICT	490.34
Bill Pmt -Check	03/21/2018	2425	NATIONSTART MORTGAGE LLC.	296.89
Bill Pmt -Check	03/21/2018	2426	ORANGE COUNTY TREASURER	4,035.52
Bill Pmt -Check	03/21/2018	2427	PERFORMANCE PIPELINE TECHNO...	9,900.00
Bill Pmt -Check	03/21/2018	2428	THE PUN GROUP	2,500.00
Bill Pmt -Check	03/21/2018	2429	YO FIRE	2,354.91
Total 1011-10 · Checking Citizens-WZ - Other				76,867.75
Total 1011-10 · Checking Citizens-WZ				76,867.75
TOTAL				76,867.75

11:26 AM

03/28/18

Accrual Basis

East Orange County Water District

Bills For Consideration

As of March 27, 2018

Type	Date	Num	Name	Credit
1011-10 · Checking Citizens-WZ				
1011-30 · Checking Citizens-ID1				
Total 1011-30 · Checking Citizens-ID1				
1011-10 · Checking Citizens-WZ - Other				
Bill Pmt -Check	03/27/2018	2430	ARAMARK UNIFORM SERVICES	172.47
Bill Pmt -Check	03/27/2018	2431	BEADOR CONSTRUCTION COMPAN...	19,412.79
Bill Pmt -Check	03/27/2018	2432	SOUTHERN CALIFORNIA EDISON	280.19
Bill Pmt -Check	03/27/2018	2433	TRUESDAIL LABORATORIES, INC	1,485.00
Total 1011-10 · Checking Citizens-WZ - Other				21,350.45
Total 1011-10 · Checking Citizens-WZ				21,350.45
TOTAL				21,350.45

9:15 AM

03/29/18

Accrual Basis

East Orange County Water District

Bills For Consideration

As of March 29, 2018

Type	Date	Num	Name	Credit
1011-10 · Checking Citizens-WZ				
1011-30 · Checking Citizens-ID1				
Total 1011-30 · Checking Citizens-ID1				
1011-10 · Checking Citizens-WZ - Other				
Bill Pmt -Check	03/29/2018	2434	ACWA JPIA	9,077.00
Bill Pmt -Check	03/29/2018	2435	CHRIS FRANCOEUR	270.04
Bill Pmt -Check	03/29/2018	2436	CORE CONSTRUCTION GROUP, LLC	334.49
Bill Pmt -Check	03/29/2018	2437	EAST ORANGE COUNTY WATER DI...	6,157.29
Bill Pmt -Check	03/29/2018	2438	NEWPORT COAST CAPITAL MANAG...	210.97
Bill Pmt -Check	03/29/2018	2439	RCE CONSULTANTS, INC	16,439.51
Bill Pmt -Check	03/29/2018	2440	ROBERT TOOVEY	124.21
Total 1011-10 · Checking Citizens-WZ - Other				32,613.51
Total 1011-10 · Checking Citizens-WZ				32,613.51
TOTAL				32,613.51

1:52 PM

04/09/18

Accrual Basis

East Orange County Water District

Bills For Consideration

As of April 9, 2018

Type	Date	Num	Name	Credit
1011-10 · Checking Citizens-WZ				
1011-30 · Checking Citizens-ID1				
Total 1011-30 · Checking Citizens-ID1				
1011-10 · Checking Citizens-WZ - Other				
Bill Pmt -Check	04/09/2018	2441	ACWA-JPIA (EMP INSURANCE)	14,370.23
Bill Pmt -Check	04/09/2018	2442	ALLCOM	360.00
Bill Pmt -Check	04/09/2018	2443	ARAMARK UNIFORM SERVICES	36.12
Bill Pmt -Check	04/09/2018	2444	AT&T	504.18
Bill Pmt -Check	04/09/2018	2445	AT&T LONG DISTANCE	92.23
Bill Pmt -Check	04/09/2018	2446	ATKINSON, ANDELSON, LOYA, RUU...	12,407.37
Bill Pmt -Check	04/09/2018	2447	CA BANK & TRUST	1,871.20
Bill Pmt -Check	04/09/2018	2448	CITY OF ORANGE	2,116.01
Bill Pmt -Check	04/09/2018	2449	EAST ORANGE COUNTY WATER DI...	453.18
Bill Pmt -Check	04/09/2018	2450	HACH COMPANY	261.56
Bill Pmt -Check	04/09/2018	2451	HOME DEPOT CREDIT SERVICES	134.97
Bill Pmt -Check	04/09/2018	2452	MARY LIGHFOOT	226.67
Bill Pmt -Check	04/09/2018	2453	MESA WATER DISTRICT	34.29
Bill Pmt -Check	04/09/2018	2454	MWDOC	114,020.83
Bill Pmt -Check	04/09/2018	2455	NICHOLAS J. ARHONTES	171.20
Bill Pmt -Check	04/09/2018	2456	ORANGE COUNTY FIRE PROTECTION	422.91
Bill Pmt -Check	04/09/2018	2457	PERFORMANCE PIPELINE TECHNO...	17,634.38
Bill Pmt -Check	04/09/2018	2458	SC FUELS	1,692.39
Bill Pmt -Check	04/09/2018	2459	SOLUTIONS PROJECT MANAGEME...	2,640.00
Bill Pmt -Check	04/09/2018	2460	SOUTHERN CALIFORNIA EDISON	8,743.30
Bill Pmt -Check	04/09/2018	2461	SPECTRUM BUSINESS	129.97
Bill Pmt -Check	04/09/2018	2462	TOWNSEND PUBLIC AFFAIRS	7,500.00
Bill Pmt -Check	04/09/2018	2463	TRUESDAIL LABORATORIES, INC	227.00
Bill Pmt -Check	04/09/2018	2464	UNDERGROUND SERVICE ALERT	250.90
Bill Pmt -Check	04/09/2018	2465	VERIZON WIRELESS	642.54
Bill Pmt -Check	04/09/2018	2466	XEROX CORPORATION	233.26
Total 1011-10 · Checking Citizens-WZ - Other				187,176.69
Total 1011-10 · Checking Citizens-WZ				187,176.69
TOTAL				187,176.69

EAST ORANGE COUNTY WATER DISTRICT
CITIZENS BUSINESS BANK
Prior Month's Checks To Ratify
DIRECTORS' PAYROLL*
19-Apr-18

PAYMENT FOR BOARD AND COMMITTEE MEETINGS IN THE MONTH OF
1-Feb-18

DATE	CHECK NO	AMOUNT	PAYABLE TO
3/15/2018	152	\$ 277.05	BOARD DIRECTOR
3/15/2018	153	\$ 392.49	BOARD DIRECTOR - REISSUED CHECK NO 151
3/15/2018		\$ -	BOARD DIRECTOR
3/15/2018	154	\$ 277.05	BOARD DIRECTOR - REISSUED CHECK NO 150
		<u>\$ 946.59</u>	TOTAL PAYROLL CHECKS

PAYROLL TAXES, ADP CHARGE EFT

\$156.82	ADP TAXES
<u>\$156.82</u>	TOTAL CHARGES & TRANSFER
<u><u>\$1,103.41</u></u>	

***** NOTE: DOUG DAVERT DECLINES PAYMENT FOR ALL MEETINGS**

*Note: Payroll is processed by ADP (Automatic Data Processing)

EAST ORANGE COUNTY WATER DISTRICT
CITIZENS BUSINESS BANK
Prior Month's Checks To Ratify
EMPLOYEES' PAYROLL*
Month of March 2018

	CHECK DATE	CHECK AMOUNT	PAYABLE TO
AUTO DEPOSIT	3/14/2018	\$ 3,748.10	GENERAL MANAGER
AUTO DEPOSIT	3/14/2018	\$ 4,430.53	OPERATIONS MANAGER
AUTO DEPOSIT	3/14/2018	\$ 2,508.97	WASTEWATER SUPERVISOR
AUTO DEPOSIT	3/14/2018	\$ 1,458.23	WATER DISTRIBUTION III
AUTO DEPOSIT	3/14/2018	\$ 1,415.72	WATER DISTRIBUTION I
AUTO DEPOSIT	3/14/2018	\$ 1,617.28	WASTEWATER COLLECTION OPERATOR I
AUTO DEPOSIT	3/14/2018	\$ 1,967.38	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	3/14/2018	\$ 2,080.74	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	3/14/2018	\$ 1,051.75	PART TIME MANAGEMENT ANALYST
AUTO DEPOSIT	3/14/2018	\$ 741.46	PART TIME OFFICE ASSISTANT
AUTO DEPOSIT	3/14/2018	\$ 1,189.32	TEMPORARY INSPECTOR
		<u>\$ 22,209.48</u>	SUB TOTAL

AUTO DEPOSIT	3/28/2018	\$ 3,761.34	GENERAL MANAGER
AUTO DEPOSIT	3/28/2018	\$ 3,468.12	OPERATIONS MANAGER
AUTO DEPOSIT	3/28/2018	\$ 2,508.98	WASTEWATER SUPERVISOR
AUTO DEPOSIT	3/28/2018	\$ 2,077.23	WATER DISTRIBUTION III
AUTO DEPOSIT	3/28/2018	\$ 1,415.71	WATER DISTRIBUTION I
AUTO DEPOSIT	3/28/2018	\$ 1,617.28	WASTEWATER COLLECTION OPERATOR I
AUTO DEPOSIT	3/28/2018	\$ 1,993.78	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	3/28/2018	\$ 2,063.33	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	3/28/2018	\$ 995.81	PART TIME MANAGEMENT ANALYST
AUTO DEPOSIT	3/28/2018	\$ 579.40	PART TIME OFFICE ASSISTANT
AUTO DEPOSIT	3/28/2018	\$ 3,301.12	TEMPORARY INSPECTOR
		<u>\$ 23,782.10</u>	SUB TOTAL

\$ 45,991.58 TOTAL PAYROLL CHECKS

=

3/14/2018	\$11,046.78	ADP TAXES
3/14/2018	\$854.50	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER
3/14/2018	\$2,178.96	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER
3/14/2018	\$419.00	EMPLOYEE PERS PEPRA TRANSFER
3/14/2018	\$437.97	EMPLOYER PERS PEPRA MEMBER TRANSFER
3/14/2018	\$1,750.20	CAL PERS 457 - ING BANK

3/28/2018	\$11,806.51	ADP TAXES
3/28/2018	\$854.50	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER
3/28/2018	\$2,178.96	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER
3/28/2018	\$419.00	EMPLOYEE PERS PEPRA TRANSFER
3/28/2018	\$437.97	EMPLOYER PERS PEPRA MEMBER TRANSFER
3/28/2018	\$1,901.16	CAL PERS 457 - ING BANK

\$34,285.51 TOTAL TRANSFERS

\$80,277.09 GRAND TOTAL PAYROLL

PAYROLL 3/14/2018	PAYROLL 3/28/2018
\$22,209.48	\$23,782.10
\$16,687.41	\$17,598.10
<u>\$38,896.89</u>	<u>\$41,380.20</u>

*Note: Payroll is processed by ADP (Automatic Data Processing)

CERTIFICATION

I CERTIFY THAT (1) ALL INVESTMENT ACTIONS EXECUTED SINCE THE LAST REPORT HAVE BEEN MADE IN FULL COMPLIANCE WITH THE DISTRICT'S INVESTMENT POLICY AND, (2) THE DISTRICT WILL MEET ITS EXPENDITURE OBLIGATIONS FOR THE NEXT SIX MONTHS AS REQUIRED BY CALIFORNIA GOVERNMENT CODE SECTIONS 53646(b)(2) AND (3), RESPECTIVELY.

Cindy Byerrum, Treasurer

CINDY BYERRUM, TREASURER
EAST ORANGE COUNTY WATER DISTRICT

Monthly Account Statement

East Orange County Water District Consolidated Por

March 1, 2018 through March 31, 2018

Chandler Team

For questions about your account,
please call (800) 317-4747 or
Email operations@chandlerasset.com

Custodian

US Bank
Christopher Isles
(503)-464-3685

Information contained herein is confidential. We urge you to compare this statement to the one you receive from your qualified custodian. Prices are provided by IDC, an independent pricing source. In the event IDC does not provide a price or if the price provided is not reflective of fair market value, Chandler will obtain pricing from an alternative approved third party pricing source in accordance with our written valuation policy and procedures. Our valuation procedures are also disclosed in Item 5 of our Form ADV Part 2A.



PORTFOLIO CHARACTERISTICS

Average Duration	0.83
Average Coupon	1.57 %
Average Purchase YTM	1.54 %
Average Market YTM	1.89 %
Average S&P/Moody Rating	AA/Aa1
Average Final Maturity	0.89 yrs
Average Life	0.86 yrs

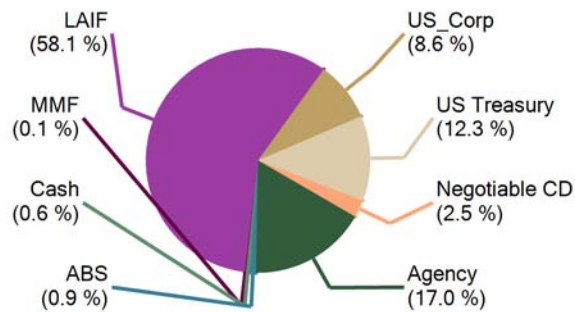
ACCOUNT SUMMARY

	Beg. Values as of 2/28/18	End Values as of 3/31/18
Market Value	51,344,411	51,390,723
Accrued Interest	148,352	177,294
Total Market Value	51,492,762	51,568,017
Income Earned Cont/WD	57,232	65,574
Par	51,643,731	51,683,616
Book Value	51,668,222	51,703,122
Cost Value	51,690,823	51,725,989

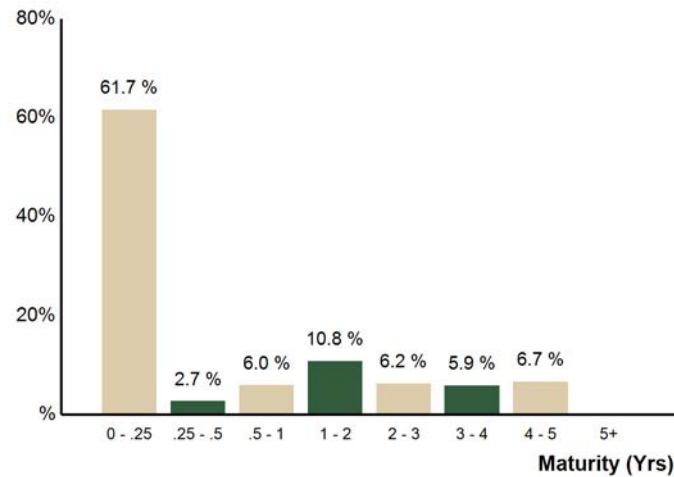
TOP ISSUERS

Issuer	% Portfolio
Local Agency Investment Fund	58.1 %
Government of United States	12.3 %
Federal Home Loan Bank	10.1 %
Federal Farm Credit Bank	6.9 %
Cisco Systems	0.7 %
Costco Wholesale Corporation	0.7 %
Capital One	0.7 %
Nissan ABS	0.7 %
	90.1 %

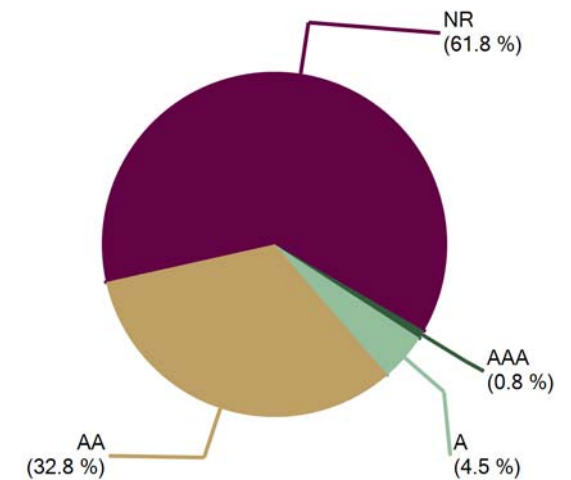
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)





East Orange County Water District Consolidated Portfolio

March 31, 2018

COMPLIANCE WITH INVESTMENT POLICY

This portfolio is a consolidation of assets managed by Chandler Asset Management and assets managed internally by the Client. Chandler relies on Client to provide accurate information for reporting assets and producing this compliance statement.

Category	Standard	Comment
Treasury Issues	No limitations	Complies
Federal Agencies	No limitations	Complies
Municipal Securities	No limitations	Complies
Medium Term Notes	"A" or higher by a NRSRO; 30% maximum	Complies
Certificates of Deposit (CDs)/ Time Deposits (TDs)	30% maximum (combined total with NCDs); If issued in excess of the FDIC insurance limit, must be Collateralized by U.S. Treasury obligations.	Complies
Negotiable Certificates of Deposit (NCDs)	30% maximum (combined total with CDs); Subject to FDIC limits	Complies
Banker's Acceptances	40% maximum; 30% per issuer; 180 days max maturity	Complies
Commercial Paper	"A-1" or higher short term rating by a NRSRO; "A" rated issuer by a NRSRO; 25% maximum; Local agency may purchase no more than 10% of the commercial paper of a single issuer; 270 days max maturity	Complies
Asset Backed	"AA" or higher by a NRSRO; "A" rated issuer of higher by a NRSRO; 20% maximum	Complies
Money Market Mutual Funds	"AAA" rated or highest rating by two NRSROs; 20% maximum	Complies
Mutual Funds Diversified Management Co	20% maximum; 10% max per issuer	Complies
Repurchase Agreements	1 year max maturity; Not used by Investment Adviser	Complies
Rev. Repo Agreements	20% maximum; 92 days max maturity; Not used by Investment Adviser	Complies
LAIF	Not used by Investment Adviser	Complies
Prohibited	Inverse floaters; Ranges notes, Interest-only strips from mortgaged pools; Zero interest accrual securities	Complies
Prohibited (per Client Directive)	Supranationals, Mortgage Backed Securities, and Collateralized Mortgage Obligations	Complies
Maximum Maturity	5 years	Complies



**East Orange County Water District Consolidated Por
Account #10491**

Holdings Report

As of 3/31/18

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
ABS									
43814RAB2	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	50,523.31	10/18/2016 1.05 %	50,521.90 50,522.71	99.80 2.33 %	50,420.50 18.97	0.10 % (102.21)	NR / AAA AAA	1.05 0.16
43814RAB2	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	50,523.31	10/18/2016 1.05 %	50,521.90 50,522.71	99.80 2.33 %	50,420.50 18.97	0.10 % (102.21)	NR / AAA AAA	1.05 0.16
65478VAD9	NAROT 2016-B A3 1.32% Due 1/15/2021	350,000.00	Various 1.91 %	347,009.77 347,123.68	99.00 2.61 %	346,502.45 51.33	0.67 % (621.23)	Aaa / NR AAA	2.80 0.77
Total ABS		451,046.62	1.72 %	448,053.57 448,169.10	2.55 %	447,343.45 89.27	0.87 % (825.65)	Aaa / AAA AAA	2.40 0.63
AGENCY									
3133EEJ50	FFCB Note 1.03% Due 5/11/2018	200,000.00	12/27/2016 1.16 %	199,656.00 199,972.42	99.94 1.59 %	199,875.00 801.11	0.39 % (97.42)	Aaa / AA+ AAA	0.11 0.11
3133EGJS5	FFCB Note 0.7% Due 7/5/2018	200,000.00	10/25/2016 0.91 %	199,288.00 199,890.37	99.72 1.78 %	199,437.60 334.44	0.39 % (452.77)	Aaa / AA+ AAA	0.26 0.26
3133EGJS5	FFCB Note 0.7% Due 7/5/2018	200,000.00	11/01/2016 0.92 %	199,284.00 199,888.49	99.72 1.78 %	199,437.60 334.44	0.39 % (450.89)	Aaa / AA+ AAA	0.26 0.26
3133EGFQ3	FFCB Note 0.875% Due 9/14/2018	200,000.00	10/20/2016 0.88 %	199,978.00 199,994.73	99.53 1.92 %	199,062.60 82.64	0.39 % (932.13)	Aaa / AA+ AAA	0.46 0.45
3133EGFQ3	FFCB Note 0.875% Due 9/14/2018	200,000.00	10/20/2016 0.88 %	199,978.00 199,994.73	99.53 1.92 %	199,062.60 82.64	0.39 % (932.13)	Aaa / AA+ AAA	0.46 0.45
3133EGUY9	FFCB Note 0.875% Due 9/20/2018	200,000.00	10/26/2016 0.93 %	199,780.00 199,945.40	99.53 1.88 %	199,062.60 53.47	0.39 % (882.80)	Aaa / AA+ AAA	0.47 0.47
3133EGUY9	FFCB Note 0.875% Due 9/20/2018	200,000.00	10/26/2016 0.93 %	199,780.00 199,945.40	99.53 1.88 %	199,062.60 53.47	0.39 % (882.80)	Aaa / AA+ AAA	0.47 0.47
3130A9AE1	FHLB Note 0.875% Due 10/1/2018	200,000.00	10/26/2016 0.91 %	199,858.00 199,963.09	99.44 2.01 %	198,875.00 875.00	0.39 % (1,088.09)	Aaa / AA+ AAA	0.50 0.49
3130A9AE1	FHLB Note 0.875% Due 10/1/2018	200,000.00	10/26/2016 0.91 %	199,858.00 199,963.09	99.44 2.01 %	198,875.00 875.00	0.39 % (1,088.09)	Aaa / AA+ AAA	0.50 0.49
3133EGJ48	FFCB Note 0.89% Due 11/16/2018	200,000.00	11/15/2016 1.09 %	199,224.00 199,756.57	99.28 2.05 %	198,562.60 667.50	0.39 % (1,193.97)	Aaa / AA+ AAA	0.63 0.62
3133EGJ48	FFCB Note 0.89% Due 11/16/2018	200,000.00	11/15/2016 1.09 %	199,224.00 199,756.57	99.28 2.05 %	198,562.60 667.50	0.39 % (1,193.97)	Aaa / AA+ AAA	0.63 0.62
3133EFRQ2	FFCB Note 1.3% Due 12/3/2018	200,000.00	10/20/2016 0.94 %	201,502.00 200,478.00	99.63 1.86 %	199,250.00 852.22	0.39 % (1,228.00)	Aaa / AA+ AAA	0.68 0.66
313376BR5	FHLB Note 1.75% Due 12/14/2018	200,000.00	11/30/2016 1.21 %	202,158.00 200,745.44	99.78 2.06 %	199,562.60 1,040.28	0.39 % (1,182.84)	Aaa / AA+ AAA	0.71 0.69
313376BR5	FHLB Note 1.75% Due 12/14/2018	200,000.00	11/30/2016 1.21 %	202,158.00 200,745.44	99.78 2.06 %	199,562.60 1,040.28	0.39 % (1,182.84)	Aaa / AA+ AAA	0.71 0.69
3130AAE46	FHLB Note 1.25% Due 1/16/2019	200,000.00	12/29/2016 1.31 %	199,754.00 199,904.63	99.31 2.13 %	198,625.00 520.83	0.39 % (1,279.63)	Aaa / AA+ AAA	0.80 0.78



Holdings Report

As of 3/31/18

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
AGENCY									
313379EE5	FHLB Note 1.625% Due 6/14/2019	200,000.00	12/21/2016 1.44 %	200,920.00 200,446.77	99.34 2.18 %	198,683.00 965.97	0.39 % (1,763.77)	Aaa / AA+ AAA	1.21 1.18
3130A8NN9	FHLB Note 0.8% Due 6/28/2019	250,000.00	10/27/2016 1.13 %	247,855.00 249,001.35	98.31 2.18 %	245,781.25 516.67	0.48 % (3,220.10)	NR / AA+ NR	1.24 1.22
3133EFW52	FFCB Note 1.15% Due 7/1/2019	200,000.00	10/20/2016 1.02 %	200,712.00 200,330.29	98.72 2.19 %	197,437.60 575.00	0.38 % (2,892.69)	Aaa / AA+ AAA	1.25 1.23
3130A8Y72	FHLB Note 0.875% Due 8/5/2019	200,000.00	10/21/2016 1.03 %	199,148.00 199,587.85	98.19 2.25 %	196,375.00 272.22	0.38 % (3,212.85)	Aaa / AA+ AAA	1.35 1.32
3130A9EP2	FHLB Note 1% Due 9/26/2019	200,000.00	11/17/2016 1.33 %	198,180.00 199,051.57	98.19 2.25 %	196,375.00 27.78	0.38 % (2,676.57)	Aaa / AA+ AAA	1.49 1.46
3130A9EP2	FHLB Note 1% Due 9/26/2019	200,000.00	11/17/2016 1.33 %	198,180.00 199,051.57	98.19 2.25 %	196,375.00 27.78	0.38 % (2,676.57)	Aaa / AA+ AAA	1.49 1.46
3133EGYP4	FFCB Note 1.05% Due 10/17/2019	200,000.00	11/17/2016 1.34 %	198,346.00 199,122.43	98.16 2.27 %	196,312.60 956.67	0.38 % (2,809.83)	Aaa / AA+ AAA	1.55 1.51
3130AA3R7	FHLB Note 1.375% Due 11/15/2019	200,000.00	11/17/2016 1.39 %	199,940.00 199,967.42	98.56 2.28 %	197,125.00 1,038.89	0.38 % (2,842.42)	Aaa / AA+ AAA	1.63 1.58
3130AA3R7	FHLB Note 1.375% Due 11/15/2019	200,000.00	11/17/2016 1.39 %	199,940.00 199,967.42	98.56 2.28 %	197,125.00 1,038.89	0.38 % (2,842.42)	Aaa / AA+ AAA	1.63 1.58
3133EG3J2	FFCB Note 1.55% Due 1/10/2020	160,000.00	01/27/2017 1.56 %	159,968.00 159,980.68	98.66 2.33 %	157,850.08 558.00	0.31 % (2,130.60)	Aaa / AA+ AAA	1.78 1.73
3133EG3J2	FFCB Note 1.55% Due 1/10/2020	145,000.00	01/27/2017 1.56 %	144,971.00 144,982.49	98.66 2.33 %	143,051.64 505.69	0.28 % (1,930.85)	Aaa / AA+ AAA	1.78 1.73
313378J77	FHLB Note 1.875% Due 3/13/2020	200,000.00	11/29/2016 1.50 %	202,388.00 201,418.06	99.03 2.39 %	198,062.60 187.50	0.38 % (3,355.46)	Aaa / AA+ NR	1.95 1.90
3130A7CV5	FHLB Note 1.375% Due 2/18/2021	200,000.00	10/26/2016 1.33 %	200,338.00 200,226.19	97.09 2.43 %	194,187.60 328.47	0.38 % (6,038.59)	Aaa / AA+ AAA	2.89 2.80
313382K69	FHLB Note 1.75% Due 3/12/2021	130,000.00	10/25/2016 1.34 %	132,262.00 131,523.10	98.06 2.44 %	127,481.25 120.07	0.25 % (4,041.85)	Aaa / AA+ AAA	2.95 2.85
3130A1W95	FHLB Note 2.25% Due 6/11/2021	200,000.00	11/25/2016 1.85 %	203,478.00 202,450.98	98.88 2.62 %	197,750.00 1,375.00	0.39 % (4,700.98)	Aaa / AA+ AAA	3.20 3.04
313379RB7	FHLB Note 1.875% Due 6/11/2021	260,000.00	04/27/2017 1.76 %	261,146.60 260,889.09	98.03 2.52 %	254,881.38 1,489.58	0.50 % (6,007.71)	Aaa / AA+ AAA	3.20 3.06
3133EHP31	FFCB Note 1.95% Due 11/2/2021	150,000.00	12/18/2017 2.14 %	148,967.25 149,042.48	97.88 2.57 %	146,812.50 1,210.63	0.29 % (2,229.98)	Aaa / AA+ AAA	3.59 3.41
3133EHP31	FFCB Note 1.95% Due 11/2/2021	130,000.00	12/18/2017 2.14 %	129,104.95 129,170.15	97.88 2.57 %	127,237.50 1,049.21	0.25 % (1,932.65)	Aaa / AA+ AAA	3.59 3.41
313378CR0	FHLB Note 2.25% Due 3/11/2022	220,000.00	03/13/2017 2.20 %	220,525.80 220,415.33	98.59 2.63 %	216,906.36 275.00	0.42 % (3,508.97)	Aaa / AA+ NR	3.95 3.74
313378CR0	FHLB Note 2.25% Due 3/11/2022	250,000.00	05/03/2017 1.92 %	253,742.50 253,043.03	98.59 2.63 %	246,484.50 312.50	0.48 % (6,558.53)	Aaa / AA+ NR	3.95 3.74



Holdings Report

As of 3/31/18

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
AGENCY									
313379Q69	FHLB Note 2.125% Due 6/10/2022	170,000.00	07/19/2017 1.87 %	172,050.20 171,757.48	97.84 2.67 %	166,334.46 1,113.85	0.32 % (5,423.02)	Aaa / AA+ AAA	4.20 3.95
313379Q69	FHLB Note 2.125% Due 6/10/2022	310,000.00	Various 1.87 %	313,703.95 313,148.33	97.84 2.67 %	303,315.78 2,031.14	0.59 % (9,832.55)	Aaa / AA+ AAA	4.20 3.95
3133EEY20	FFCB Note 2.4% Due 6/17/2022	130,000.00	10/17/2017 1.99 %	132,381.60 132,150.85	99.09 2.63 %	128,821.94 901.33	0.25 % (3,328.91)	Aaa / AA+ AAA	4.22 3.95
3133EEY20	FFCB Note 2.4% Due 6/17/2022	130,000.00	10/17/2017 1.99 %	132,381.60 132,150.85	99.09 2.63 %	128,821.94 901.33	0.25 % (3,328.91)	Aaa / AA+ AAA	4.22 3.95
313380GJ0	FHLB Note 2% Due 9/9/2022	200,000.00	09/21/2017 1.96 %	200,402.00 200,359.65	97.34 2.64 %	194,687.60 244.44	0.38 % (5,672.05)	Aaa / AA+ NR	4.45 4.21
313380GJ0	FHLB Note 2% Due 9/9/2022	245,000.00	09/21/2017 1.96 %	245,492.45 245,440.57	97.34 2.64 %	238,492.31 299.44	0.46 % (6,948.26)	Aaa / AA+ NR	4.45 4.21
3130A3KM5	FHLB Note 2.5% Due 12/9/2022	210,000.00	03/08/2018 2.70 %	208,173.00 208,197.21	99.31 2.66 %	208,556.25 1,633.33	0.41 % 359.04	Aaa / AA+ NR	4.70 4.36
3130A3KM5	FHLB Note 2.5% Due 12/9/2022	210,000.00	03/08/2018 2.70 %	208,173.00 208,197.21	99.31 2.66 %	208,556.25 1,633.33	0.41 % 359.04	Aaa / AA+ NR	4.70 4.36
3133EJBP3	FFCB Note 2.5% Due 2/2/2023	325,000.00	02/26/2018 2.66 %	322,536.50 322,581.64	99.25 2.67 %	322,562.50 1,331.60	0.63 % (19.14)	NR / AA+ AAA	4.85 4.51
Total Agency		8,825,000.00	1.50 %	8,836,887.40 8,834,596.41	2.29 %	8,719,319.89 31,202.13	16.97 % (115,276.52)	Aaa / AA+ AAA	2.15 2.05
CASH									
90CASH\$00	Cash Custodial Cash Account	301,177.06	Various 0.00 %	301,177.06 301,177.06	1.00 0.00 %	301,177.06 0.00	0.58 % 0.00	NR / NR NR	0.00 0.00
Total Cash		301,177.06	N/A	301,177.06 301,177.06	0.00 %	301,177.06 0.00	0.58 % 0.00	NR / NR NR	0.00 0.00
LAIF									
90LAIF\$00	Local Agency Investment Fund State Pool	29,841,012.86	Various 1.57 %	29,841,012.86 29,841,012.86	1.00 1.57 %	29,841,012.86 104,541.04	58.07 % 0.00	NR / NR NR	0.00 0.00
Total LAIF		29,841,012.86	1.57 %	29,841,012.86 29,841,012.86	1.57 %	29,841,012.86 104,541.04	58.07 % 0.00	NR / NR NR	0.00 0.00
MONEY MARKET FUND FI									
31846V203	First American Govt Obligation Fund	33,836.73	Various 1.22 %	33,836.73 33,836.73	1.00 1.22 %	33,836.73 0.00	0.07 % 0.00	Aaa / AAA AAA	0.00 0.00



Holdings Report

As of 3/31/18

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
MONEY MARKET FUND FI									
31846V203	First American Govt Obligation Fund	31,542.85	Various 1.22 %	31,542.85 31,542.85	1.00 1.22 %	31,542.85 0.00	0.06 % 0.00	Aaa / AAA AAA	0.00 0.00
Total Money Market Fund FI		65,379.58	1.22 %	65,379.58 65,379.58	1.22 %	65,379.58 0.00	0.13 % 0.00	Aaa / AAA AAA	0.00 0.00
NEGOTIABLE CD									
29976DPF1	Everbank Negotiable CD 1.5% Due 11/15/2019	150,000.00	01/30/2015 1.67 %	148,818.00 149,599.47	98.62 2.37 %	147,926.55 844.52	0.29 % (1,672.92)	NR / NR NR	1.63 1.59
87164WFD5	Synchrony Bank Negotiable CD 1.8% Due 1/30/2020	150,000.00	01/30/2015 1.80 %	150,000.00 150,000.00	99.32 2.18 %	148,982.85 451.23	0.29 % (1,017.15)	NR / NR NR	1.84 1.79
140420UF5	Capital One Bank USA NA Negotiable CD 2.3% Due 8/12/2020	100,000.00	08/17/2015 2.30 %	100,000.00 100,000.00	99.35 2.58 %	99,350.30 302.47	0.19 % (649.70)	NR / NR NR	2.37 2.29
02587DJ90	American Express Centurion Negotiable CD 2.25% Due 12/9/2020	110,000.00	12/09/2015 2.25 %	110,000.00 110,000.00	98.53 2.82 %	108,382.56 766.23	0.21 % (1,617.44)	NR / NR NR	2.70 2.58
94986T4N4	Wells Fargo Callable Note Qtrly 9/16/2019 2.5% Due 9/16/2021	100,000.00	03/16/2018 3.02 %	100,000.00 100,000.00	99.17 3.04 %	99,167.00 109.59	0.19 % (833.00)	NR / NR NR	3.47 2.82
14042RGG0	CAPITAL ONE Negotiable CD 2.35% Due 6/14/2022	250,000.00	06/14/2017 2.35 %	250,000.00 250,000.00	98.39 2.76 %	245,966.75 1,738.36	0.48 % (4,033.25)	NR / NR NR	4.21 3.95
06740KKY2	Barclays Bank Delaware Negotiable CD 2.25% Due 9/27/2022	130,000.00	09/22/2017 2.25 %	130,000.00 130,000.00	97.71 2.80 %	127,018.06 40.07	0.25 % (2,981.94)	NR / NR NR	4.50 4.24
795450K53	Sallie Mae Bank Negotiable CD 2.65% Due 2/8/2023	110,000.00	02/08/2018 2.65 %	110,000.00 110,000.00	100.00 2.65 %	110,000.00 415.29	0.21 % 0.00	NR / NR NR	4.86 4.52
48126YN58	JP Morgan Chase Bank Callable CD S/A 3/16/2019 2.9% Due 3/16/2023	200,000.00	03/16/2018 2.90 %	200,000.00 200,000.00	100.00 2.90 %	200,000.00 254.25	0.39 % 0.00	NR / NR NR	4.96 4.59
Total Negotiable CD		1,300,000.00	2.35 %	1,298,818.00 1,299,599.47	2.68 %	1,286,794.07 4,922.01	2.50 % (12,805.40)	NR / NR NR	3.51 3.27
US CORPORATE									
037833AJ9	Apple Inc Note 1% Due 5/3/2018	125,000.00	10/19/2016 1.01 %	124,986.25 124,999.21	99.90 2.12 %	124,875.00 513.89	0.24 % (124.21)	Aa1 / AA+ NR	0.09 0.09
037833AJ9	Apple Inc Note 1% Due 5/3/2018	125,000.00	10/19/2016 1.01 %	124,986.25 124,999.21	99.90 2.12 %	124,875.00 513.89	0.24 % (124.21)	Aa1 / AA+ NR	0.09 0.09
17275RAU6	Cisco Systems Note 1.65% Due 6/15/2018	125,000.00	10/20/2016 1.14 %	126,040.00 125,130.43	99.92 2.02 %	124,903.63 607.29	0.24 % (226.80)	A1 / AA- NR	0.21 0.20



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US CORPORATE									
166764AE0	Chevron Corp Callable Note Cont 5/24/2018 1.718% Due 6/24/2018	125,000.00	10/20/2016 1.23 %	126,002.50 125,138.73	99.85 2.72 %	124,807.75 578.63	0.24 % (330.98)	Aa2 / AA- NR	0.23 0.15
02665WAC5	American Honda Finance Note 2.125% Due 10/10/2018	125,000.00	10/19/2016 1.22 %	127,185.00 125,585.92	99.65 2.79 %	124,567.25 1,261.72	0.24 % (1,018.67)	A2 / A+ NR	0.53 0.51
02665WAC5	American Honda Finance Note 2.125% Due 10/10/2018	125,000.00	10/19/2016 1.22 %	127,185.00 125,585.92	99.65 2.79 %	124,567.25 1,261.72	0.24 % (1,018.67)	A2 / A+ NR	0.53 0.51
74005PBH6	Praxair Note 1.25% Due 11/7/2018	125,000.00	10/21/2016 1.21 %	125,090.00 125,026.68	99.26 2.50 %	124,075.75 625.00	0.24 % (950.93)	A2 / A NR	0.61 0.59
24422ESF7	John Deere Capital Corp Note 1.95% Due 12/13/2018	125,000.00	10/24/2016 1.32 %	126,653.75 125,544.86	99.73 2.34 %	124,660.75 731.25	0.24 % (884.11)	A2 / A A	0.70 0.69
24422ESF7	John Deere Capital Corp Note 1.95% Due 12/13/2018	125,000.00	10/24/2016 1.32 %	126,653.75 125,544.86	99.73 2.34 %	124,660.75 731.25	0.24 % (884.11)	A2 / A A	0.70 0.69
17275RAR3	Cisco Systems Note 2.125% Due 3/1/2019	125,000.00	10/20/2016 1.27 %	127,480.00 125,966.53	99.75 2.40 %	124,685.63 221.35	0.24 % (1,280.90)	A1 / AA- NR	0.92 0.90
30231GAD4	Exxon Mobil Corp Callable Note Cont 2/15/2019 1.819% Due 3/15/2019	125,000.00	10/21/2016 1.27 %	126,597.50 125,639.00	99.42 2.49 %	124,272.38 101.06	0.24 % (1,366.62)	Aaa / AA+ NR	0.96 0.86
91159HHH6	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	125,000.00	10/12/2016 1.49 %	127,178.75 125,921.23	99.46 2.72 %	124,325.00 1,191.67	0.24 % (1,596.23)	A1 / A+ AA-	1.07 1.04
91159HHH6	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	125,000.00	10/12/2016 1.49 %	127,178.75 125,921.23	99.46 2.72 %	124,325.00 1,191.67	0.24 % (1,596.23)	A1 / A+ AA-	1.07 1.04
89236TDE2	Toyota Motor Credit Corp Note 1.4% Due 5/20/2019	125,000.00	10/12/2016 1.48 %	124,746.25 124,888.83	98.68 2.59 %	123,349.63 636.81	0.24 % (1,539.20)	Aa3 / AA- A	1.14 1.11
89236TBP9	Toyota Motor Credit Corp Note 2.125% Due 7/18/2019	125,000.00	10/24/2016 1.46 %	127,221.25 126,056.99	99.39 2.61 %	124,232.00 538.63	0.24 % (1,824.99)	Aa3 / AA- A	1.30 1.27
594918BN3	Microsoft Note 1.1% Due 8/8/2019	125,000.00	10/24/2016 1.24 %	124,526.25 124,769.43	98.33 2.36 %	122,914.00 202.43	0.24 % (1,855.43)	Aaa / AAA AA+	1.36 1.33
084664CK5	Berkshire Hathaway Note 1.3% Due 8/15/2019	125,000.00	10/26/2016 1.37 %	124,767.50 124,885.58	98.19 2.65 %	122,735.25 207.64	0.24 % (2,150.33)	Aa2 / AA A+	1.38 1.34
084664CK5	Berkshire Hathaway Note 1.3% Due 8/15/2019	125,000.00	10/26/2016 1.37 %	124,767.50 124,885.58	98.19 2.65 %	122,735.25 207.64	0.24 % (2,150.33)	Aa2 / AA A+	1.38 1.34
06406HCW7	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	125,000.00	10/19/2016 1.50 %	127,818.75 126,414.73	99.23 2.88 %	124,036.00 159.72	0.24 % (2,378.73)	A1 / A AA-	1.45 1.33
06406HCW7	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	125,000.00	10/19/2016 1.50 %	127,818.75 126,414.73	99.23 2.88 %	124,036.00 159.72	0.24 % (2,378.73)	A1 / A AA-	1.45 1.33
17275RBG6	Cisco Systems Note 1.4% Due 9/20/2019	125,000.00	10/12/2016 1.43 %	124,875.00 124,937.15	98.40 2.51 %	123,002.00 53.47	0.24 % (1,935.15)	A1 / AA- NR	1.47 1.44



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US CORPORATE									
717081EB5	Pfizer Inc. Note 1.7% Due 12/15/2019	125,000.00	01/27/2017 1.70 %	125,005.00 125,002.97	98.67 2.50 %	123,339.88 625.69	0.24 % (1,663.09)	A1 / AA A+	1.71 1.66
94974BGF1	Wells Fargo Corp Note 2.15% Due 1/30/2020	125,000.00	10/24/2016 1.95 %	125,800.00 125,449.75	98.44 3.03 %	123,045.88 455.38	0.24 % (2,403.87)	A2 / A- A+	1.84 1.77
22160KAG0	Costco Wholesale Corp Note 1.75% Due 2/15/2020	125,000.00	11/01/2016 1.57 %	125,727.50 125,415.97	98.35 2.66 %	122,935.00 279.51	0.24 % (2,480.97)	A1 / A+ A+	1.88 1.82
22160KAG0	Costco Wholesale Corp Note 1.75% Due 2/15/2020	250,000.00	Various 1.53 %	251,777.50 251,014.35	98.35 2.66 %	245,870.00 559.02	0.48 % (5,144.35)	A1 / A+ A+	1.88 1.82
747525AD5	Qualcomm Inc Note 2.25% Due 5/20/2020	125,000.00	10/19/2016 1.63 %	127,703.75 126,613.56	98.34 3.06 %	122,923.25 1,023.44	0.24 % (3,690.31)	A1 / A NR	2.14 2.05
747525AD5	Qualcomm Inc Note 2.25% Due 5/20/2020	125,000.00	10/19/2016 1.63 %	127,703.75 126,613.56	98.34 3.06 %	122,923.25 1,023.44	0.24 % (3,690.31)	A1 / A NR	2.14 2.05
40428HPV8	HSBC USA Inc Note 2.75% Due 8/7/2020	160,000.00	11/15/2017 2.25 %	162,097.60 161,812.71	99.25 3.08 %	158,792.16 660.00	0.31 % (3,020.55)	A2 / A AA-	2.36 2.25
857477AS2	State Street Bank Note 2.55% Due 8/18/2020	125,000.00	09/21/2017 1.91 %	127,250.00 126,850.19	99.42 2.80 %	124,271.25 380.73	0.24 % (2,578.94)	A1 / A AA-	2.39 2.29
594918BG8	Microsoft Callable Note Cont. 10/03/20 2% Due 11/3/2020	125,000.00	10/24/2016 1.50 %	127,446.25 126,578.06	98.34 2.69 %	122,920.38 1,027.78	0.24 % (3,657.68)	Aaa / AAA AA+	2.60 2.41
30231GAV4	Exxon Mobil Corp Callable Note Cont 2/1/2021 2.222% Due 3/1/2021	125,000.00	10/21/2016 1.69 %	127,796.25 126,876.50	98.51 2.76 %	123,138.25 231.46	0.24 % (3,738.25)	Aaa / AA+ NR	2.92 2.80
166764BG4	Chevron Corp Callable Note Cont 4/15/2021 2.1% Due 5/16/2021	125,000.00	10/20/2016 1.77 %	126,805.00 126,237.68	97.75 2.86 %	122,184.88 984.38	0.24 % (4,052.80)	Aa2 / AA- NR	3.13 2.97
857477AV5	State Street Bank Note 1.95% Due 5/19/2021	125,000.00	10/12/2016 1.89 %	125,338.75 125,231.36	97.03 2.95 %	121,286.75 893.75	0.24 % (3,944.61)	A1 / A AA-	3.14 2.99
68389XBK0	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 9/15/2021	125,000.00	11/29/2016 2.40 %	122,201.25 122,977.79	96.55 2.96 %	120,682.00 105.56	0.23 % (2,295.79)	A1 / AA- A+	3.46 3.31
91159HHP8	US Bancorp Callable Cont 12/23/2021 2.625% Due 1/24/2022	60,000.00	01/19/2017 2.66 %	59,896.80 59,921.22	98.54 3.03 %	59,124.66 293.13	0.12 % (796.56)	A1 / A+ AA-	3.82 3.58
Total US Corporate		4,470,000.00	1.52 %	4,512,308.15 4,490,852.50	2.66 %	4,420,078.86 20,239.72	8.61 % (70,773.64)	A1 / AA- A+	1.52 1.45
US TREASURY									
912828K25	US Treasury Note 0.75% Due 4/15/2018	200,000.00	11/02/2016 0.76 %	199,961.61 199,998.98	99.97 1.47 %	199,940.40 692.31	0.39 % (58.58)	Aaa / AA+ AAA	0.04 0.04
912828K25	US Treasury Note 0.75% Due 4/15/2018	200,000.00	11/02/2016 0.76 %	199,961.61 199,998.98	99.97 1.47 %	199,940.40 692.31	0.39 % (58.58)	Aaa / AA+ AAA	0.04 0.04
912828R93	US Treasury Note 0.625% Due 6/30/2018	200,000.00	10/17/2016 0.81 %	199,375.67 199,909.37	99.71 1.78 %	199,418.40 314.23	0.39 % (490.97)	Aaa / AA+ AAA	0.25 0.25



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US TREASURY									
912828R93	US Treasury Note 0.625% Due 6/30/2018	200,000.00	10/17/2016 0.81 %	199,375.67 199,909.37	99.71 1.78 %	199,418.40 314.23	0.39 % (490.97)	Aaa / AA+ AAA	0.25 0.25
9128282C3	US Treasury Note 0.75% Due 8/31/2018	200,000.00	11/01/2016 0.86 %	199,602.23 199,909.35	99.53 1.89 %	199,062.40 130.43	0.39 % (846.95)	Aaa / AA+ AAA	0.42 0.41
912828T42	US Treasury Note 0.75% Due 9/30/2018	200,000.00	10/26/2016 0.88 %	199,516.29 199,874.77	99.42 1.93 %	198,836.00 4.10	0.39 % (1,038.77)	Aaa / AA+ AAA	0.50 0.50
912828A34	US Treasury Note 1.25% Due 11/30/2018	200,000.00	10/26/2016 0.92 %	201,352.23 200,430.09	99.50 2.01 %	198,992.20 837.91	0.39 % (1,437.89)	Aaa / AA+ AAA	0.67 0.66
912828A34	US Treasury Note 1.25% Due 11/30/2018	200,000.00	10/26/2016 0.92 %	201,352.23 200,430.09	99.50 2.01 %	198,992.20 837.91	0.39 % (1,437.89)	Aaa / AA+ AAA	0.67 0.66
912828TH3	US Treasury Note 0.875% Due 7/31/2019	200,000.00	10/25/2016 0.99 %	199,391.29 199,706.51	98.28 2.19 %	196,562.40 290.06	0.38 % (3,144.11)	Aaa / AA+ AAA	1.33 1.32
912828UB4	US Treasury Note 1% Due 11/30/2019	200,000.00	10/12/2016 1.08 %	199,500.67 199,734.39	97.96 2.25 %	195,929.60 670.33	0.38 % (3,804.79)	Aaa / AA+ AAA	1.67 1.63
912828UB4	US Treasury Note 1% Due 11/30/2019	200,000.00	10/12/2016 1.08 %	199,500.67 199,734.39	97.96 2.25 %	195,929.60 670.33	0.38 % (3,804.79)	Aaa / AA+ AAA	1.67 1.63
912828UF5	US Treasury Note 1.125% Due 12/31/2019	200,000.00	10/25/2016 1.05 %	200,469.42 200,258.36	98.07 2.25 %	196,140.60 565.61	0.38 % (4,117.76)	Aaa / AA+ AAA	1.75 1.72
912828J50	US Treasury Note 1.375% Due 2/29/2020	200,000.00	10/25/2016 1.09 %	201,891.30 201,082.73	98.30 2.29 %	196,601.60 239.13	0.38 % (4,481.13)	Aaa / AA+ AAA	1.92 1.87
912828VA5	US Treasury Note 1.125% Due 4/30/2020	200,000.00	10/25/2016 1.11 %	200,094.42 200,055.97	97.60 2.31 %	195,203.20 943.75	0.38 % (4,852.77)	Aaa / AA+ AAA	2.08 2.03
912828XH8	US Treasury Note 1.625% Due 6/30/2020	200,000.00	11/02/2016 1.12 %	203,617.86 202,224.92	98.45 2.33 %	196,906.20 816.99	0.38 % (5,318.72)	Aaa / AA+ AAA	2.25 2.19
912828XM7	US Treasury Note 1.625% Due 7/31/2020	200,000.00	10/25/2016 1.14 %	203,539.73 202,194.94	98.39 2.33 %	196,789.00 538.67	0.38 % (5,405.94)	Aaa / AA+ AAA	2.34 2.27
912828L65	US Treasury Note 1.375% Due 9/30/2020	200,000.00	10/26/2016 1.20 %	201,375.67 200,875.86	97.61 2.36 %	195,226.60 7.51	0.38 % (5,649.26)	Aaa / AA+ AAA	2.50 2.44
912828L99	US Treasury Note 1.375% Due 10/31/2020	200,000.00	10/25/2016 1.19 %	201,430.36 200,921.05	97.52 2.37 %	195,046.80 1,154.70	0.38 % (5,874.25)	Aaa / AA+ AAA	2.59 2.50
912828N89	US Treasury Note 1.375% Due 1/31/2021	200,000.00	10/17/2016 1.22 %	201,313.17 200,868.74	97.22 2.39 %	194,445.40 455.80	0.38 % (6,423.34)	Aaa / AA+ AAA	2.84 2.75
912828N89	US Treasury Note 1.375% Due 1/31/2021	200,000.00	02/16/2017 1.80 %	196,805.36 197,708.00	97.22 2.39 %	194,445.40 455.80	0.38 % (3,262.60)	Aaa / AA+ AAA	2.84 2.75
912828P87	US Treasury Note 1.125% Due 2/28/2021	200,000.00	10/25/2016 1.22 %	199,164.73 199,439.64	96.44 2.40 %	192,875.00 195.65	0.37 % (6,564.64)	Aaa / AA+ AAA	2.92 2.84
912828C57	US Treasury Note 2.25% Due 3/31/2021	175,000.00	01/24/2018 2.24 %	175,061.52 175,058.02	99.56 2.40 %	174,234.38 10.76	0.34 % (823.64)	Aaa / AA+ AAA	3.00 2.88
912828WY2	US Treasury Note 2.25% Due 7/31/2021	200,000.00	01/30/2018 2.35 %	199,351.56 199,382.03	99.37 2.45 %	198,742.20 745.86	0.39 % (639.83)	Aaa / AA+ AAA	3.34 3.18



Holdings Report

As of 3/31/18

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US TREASURY									
912828T34	US Treasury Note 1.125% Due 9/30/2021	200,000.00	11/09/2016 1.48 %	196,617.86 197,578.50	95.53 2.47 %	191,054.60 6.15	0.37 % (6,523.90)	Aaa / AA+ AAA	3.50 3.40
912828T34	US Treasury Note 1.125% Due 9/30/2021	215,000.00	03/07/2017 2.01 %	206,770.25 208,690.69	95.53 2.47 %	205,383.70 6.61	0.40 % (3,306.99)	Aaa / AA+ AAA	3.50 3.40
912828U65	US Treasury Note 1.75% Due 11/30/2021	140,000.00	09/21/2017 1.80 %	139,721.56 139,756.32	97.45 2.48 %	136,434.34 821.15	0.27 % (3,321.98)	Aaa / AA+ AAA	3.67 3.50
912828V72	US Treasury Note 1.875% Due 1/31/2022	200,000.00	02/16/2017 1.95 %	199,305.36 199,462.03	97.73 2.50 %	195,468.80 621.55	0.38 % (3,993.23)	Aaa / AA+ AAA	3.84 3.66
912828V72	US Treasury Note 1.875% Due 1/31/2022	220,000.00	11/07/2017 1.91 %	219,673.44 219,703.88	97.73 2.50 %	215,015.68 683.70	0.42 % (4,688.20)	Aaa / AA+ AAA	3.84 3.66
912828L24	US Treasury Note 1.875% Due 8/31/2022	240,000.00	09/21/2017 1.89 %	239,822.68 239,841.45	97.26 2.53 %	233,428.08 391.30	0.45 % (6,413.37)	Aaa / AA+ AAA	4.42 4.20
912828L24	US Treasury Note 1.875% Due 8/31/2022	200,000.00	10/04/2017 1.92 %	199,586.61 199,627.70	97.26 2.53 %	194,523.40 326.09	0.38 % (5,104.30)	Aaa / AA+ AAA	4.42 4.20
912828W9	US Treasury Note 1.875% Due 9/30/2022	220,000.00	Various 2.11 %	217,617.58 217,754.68	97.18 2.54 %	213,786.76 11.27	0.41 % (3,967.92)	Aaa / AA+ AAA	4.50 4.28
9128283C2	US Treasury Note 2% Due 10/31/2022	220,000.00	11/07/2017 1.98 %	220,232.03 220,213.65	97.66 2.54 %	214,843.64 1,847.51	0.42 % (5,370.01)	Aaa / AA+ AAA	4.59 4.31
Total US Treasury		6,430,000.00	1.37 %	6,422,352.64 6,422,335.45	2.25 %	6,309,617.38 16,299.71	12.27 % (112,718.07)	Aaa / AA+ AAA	2.32 2.24
TOTAL PORTFOLIO		51,683,616.12	1.54 %	51,725,989.26 51,703,122.43	1.89 %	51,390,723.15 177,293.88	100.00 % (312,399.28)	Aa1 / AA AAA	0.89 0.83
TOTAL MARKET VALUE PLUS ACCRUED						51,568,017.03			



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	03/01/2018	31846V203	2,716.88	First American Govt Obligation Fund	1.000	0.97 %	2,716.88	0.00	2,716.88	0.00
Purchase	03/01/2018	31846V203	73.80	First American Govt Obligation Fund	1.000	0.97 %	73.80	0.00	73.80	0.00
Purchase	03/01/2018	31846V203	70.08	First American Govt Obligation Fund	1.000	0.97 %	70.08	0.00	70.08	0.00
Purchase	03/08/2018	31846V203	800.00	First American Govt Obligation Fund	1.000	0.97 %	800.00	0.00	800.00	0.00
Purchase	03/08/2018	31846V203	200,000.00	First American Govt Obligation Fund	1.000	0.97 %	200,000.00	0.00	200,000.00	0.00
Purchase	03/09/2018	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	99.130	2.70 %	208,173.00	1,312.50	209,485.50	0.00
Purchase	03/09/2018	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	99.130	2.70 %	208,173.00	1,312.50	209,485.50	0.00
Purchase	03/09/2018	31846V203	200,000.00	First American Govt Obligation Fund	1.000	0.97 %	200,000.00	0.00	200,000.00	0.00
Purchase	03/09/2018	31846V203	2,000.00	First American Govt Obligation Fund	1.000	0.97 %	2,000.00	0.00	2,000.00	0.00
Purchase	03/09/2018	31846V203	3,825.00	First American Govt Obligation Fund	1.000	0.97 %	3,825.00	0.00	3,825.00	0.00
Purchase	03/11/2018	31846V203	4,250.00	First American Govt Obligation Fund	1.000	0.97 %	4,250.00	0.00	4,250.00	0.00
Purchase	03/11/2018	31846V203	3,912.50	First American Govt Obligation Fund	1.000	0.97 %	3,912.50	0.00	3,912.50	0.00
Purchase	03/12/2018	31846V203	1,137.50	First American Govt Obligation Fund	1.000	0.97 %	1,137.50	0.00	1,137.50	0.00
Purchase	03/13/2018	31846V203	1,875.00	First American Govt Obligation Fund	1.000	0.97 %	1,875.00	0.00	1,875.00	0.00
Purchase	03/14/2018	31846V203	875.00	First American Govt Obligation Fund	1.000	0.97 %	875.00	0.00	875.00	0.00
Purchase	03/14/2018	31846V203	875.00	First American Govt Obligation Fund	1.000	0.97 %	875.00	0.00	875.00	0.00
Purchase	03/15/2018	31846V203	1,136.88	First American Govt Obligation Fund	1.000	0.97 %	1,136.88	0.00	1,136.88	0.00
Purchase	03/15/2018	31846V203	1,187.50	First American Govt Obligation Fund	1.000	0.97 %	1,187.50	0.00	1,187.50	0.00
Purchase	03/15/2018	31846V203	385.00	First American Govt Obligation Fund	1.000	0.97 %	385.00	0.00	385.00	0.00
Purchase	03/16/2018	48126YN58	200,000.00	JP Morgan Chase Bank Callable CD S/A 3/16/2019 2.9% Due 3/16/2023	100.000	2.90 %	200,000.00	0.00	200,000.00	0.00
Purchase	03/16/2018	94986T4N4	100,000.00	Wells Fargo Callable Note Qtrly 9/16/2019Due 9/16/2021	100.000	3.02 %	100,000.00	0.00	100,000.00	0.00
Purchase	03/19/2018	31846V203	13,374.53	First American Govt Obligation Fund	1.000	0.97 %	13,374.53	0.00	13,374.53	0.00
Purchase	03/19/2018	31846V203	13,374.53	First American Govt Obligation Fund	1.000	0.97 %	13,374.53	0.00	13,374.53	0.00
Purchase	03/20/2018	31846V203	1,750.00	First American Govt Obligation Fund	1.000	0.97 %	1,750.00	0.00	1,750.00	0.00
Purchase	03/20/2018	31846V203	875.00	First American Govt Obligation Fund	1.000	0.97 %	875.00	0.00	875.00	0.00
Purchase	03/26/2018	31846V203	1,000.00	First American Govt Obligation Fund	1.000	0.97 %	1,000.00	0.00	1,000.00	0.00
Purchase	03/26/2018	31846V203	1,000.00	First American Govt Obligation Fund	1.000	0.97 %	1,000.00	0.00	1,000.00	0.00
Purchase	03/31/2018	31846V203	3,928.13	First American Govt Obligation Fund	1.000	1.22 %	3,928.13	0.00	3,928.13	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	03/31/2018	31846V203	4,562.50	First American Govt Obligation Fund	1.000	1.22 %	4,562.50	0.00	4,562.50	0.00
	Subtotal		1,184,984.83				1,181,330.83	2,625.00	1,183,955.83	0.00
Short Sale	03/09/2018	31846V203	-209,485.50	First American Govt Obligation Fund	1.000		-209,485.50	0.00	-209,485.50	0.00
	Subtotal		-209,485.50				-209,485.50	0.00	-209,485.50	0.00
TOTAL ACQUISITIONS			975,499.33				971,845.33	2,625.00	974,470.33	0.00
DISPOSITIONS										
Closing Purchase	03/09/2018	31846V203	-209,485.50	First American Govt Obligation Fund	1.000		-209,485.50	0.00	-209,485.50	0.00
	Subtotal		-209,485.50				-209,485.50	0.00	-209,485.50	0.00
Sale	03/09/2018	31846V203	209,485.50	First American Govt Obligation Fund	1.000	0.97 %	209,485.50	0.00	209,485.50	0.00
Sale	03/09/2018	31846V203	209,485.50	First American Govt Obligation Fund	1.000	0.97 %	209,485.50	0.00	209,485.50	0.00
	Subtotal		418,971.00				418,971.00	0.00	418,971.00	0.00
Paydown	03/15/2018	65478VAD9	0.00	NAROT 2016-B A3 1.32% Due 1/15/2021	100.000		0.00	385.00	385.00	0.00
Paydown	03/19/2018	43814RAB2	13,319.20	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	100.000		13,319.20	55.33	13,374.53	0.00
Paydown	03/19/2018	43814RAB2	13,319.20	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	100.000		13,319.20	55.33	13,374.53	0.00
	Subtotal		26,638.40				26,638.40	495.66	27,134.06	0.00
Maturity	03/06/2018	17284A6C7	145,000.00	CIT Bank Negotiable CD 1.1% Due 3/6/2018	100.000		145,000.00	0.00	145,000.00	0.00
Maturity	03/08/2018	3133EGE68	200,000.00	FFCB Note 0.8% Due 3/8/2018	100.000		200,000.00	0.00	200,000.00	0.00
Maturity	03/09/2018	313378A43	200,000.00	FHLB Note 1.375% Due 3/9/2018	100.000		200,000.00	0.00	200,000.00	0.00
	Subtotal		545,000.00				545,000.00	0.00	545,000.00	0.00
Security Withdrawal	03/05/2018	31846V203	737.93	First American Govt Obligation Fund	1.000		737.93	0.00	737.93	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
DISPOSITIONS										
Security Withdrawal	03/05/2018	31846V203	928.90	First American Govt Obligation Fund	1.000		928.90	0.00	928.90	0.00
Security Withdrawal	03/26/2018	31846V203	73.47	First American Govt Obligation Fund	1.000		73.47	0.00	73.47	0.00
Security Withdrawal	03/26/2018	31846V203	92.48	First American Govt Obligation Fund	1.000		92.48	0.00	92.48	0.00
Security Withdrawal	03/31/2018	90CASH\$00	152,657.30	Cash Custodial Cash Account	1.000		152,657.30	0.00	152,657.30	0.00
Subtotal			154,490.08				154,490.08	0.00	154,490.08	0.00
TOTAL DISPOSITIONS			935,613.98				935,613.98	495.66	936,109.64	0.00

OTHER TRANSACTIONS										
Interest	03/01/2018	17275RAR3	125,000.00	Cisco Systems Note 2.125% Due 3/1/2019	0.000		1,328.13	0.00	1,328.13	0.00
Interest	03/01/2018	30231GAV4	125,000.00	Exxon Mobil Corp Callable Note Cont 2/1/2021 2.222% Due 3/1/2021	0.000		1,388.75	0.00	1,388.75	0.00
Interest	03/06/2018	17284A6C7	145,000.00	CIT Bank Negotiable CD 1.1% Due 3/6/2018	0.000		790.95	0.00	790.95	0.00
Interest	03/08/2018	3133EGE68	200,000.00	FFCB Note 0.8% Due 3/8/2018	0.000		800.00	0.00	800.00	0.00
Interest	03/09/2018	313378A43	200,000.00	FHLB Note 1.375% Due 3/9/2018	0.000		1,375.00	0.00	1,375.00	0.00
Interest	03/09/2018	313380GJ0	245,000.00	FHLB Note 2% Due 9/9/2022	0.000		2,450.00	0.00	2,450.00	0.00
Interest	03/09/2018	313380GJ0	200,000.00	FHLB Note 2% Due 9/9/2022	0.000		2,000.00	0.00	2,000.00	0.00
Interest	03/11/2018	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	0.000		1,437.50	0.00	1,437.50	0.00
Interest	03/11/2018	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	0.000		1,437.50	0.00	1,437.50	0.00
Interest	03/11/2018	313378CR0	220,000.00	FHLB Note 2.25% Due 3/11/2022	0.000		2,475.00	0.00	2,475.00	0.00
Interest	03/11/2018	313378CR0	250,000.00	FHLB Note 2.25% Due 3/11/2022	0.000		2,812.50	0.00	2,812.50	0.00
Interest	03/12/2018	313382K69	130,000.00	FHLB Note 1.75% Due 3/12/2021	0.000		1,137.50	0.00	1,137.50	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
OTHER TRANSACTIONS										
Interest	03/13/2018	313378J77	200,000.00	FHLB Note 1.875% Due 3/13/2020	0.000		1,875.00	0.00	1,875.00	0.00
Interest	03/14/2018	3133EGFQ3	200,000.00	FFCB Note 0.875% Due 9/14/2018	0.000		875.00	0.00	875.00	0.00
Interest	03/14/2018	3133EGFQ3	200,000.00	FFCB Note 0.875% Due 9/14/2018	0.000		875.00	0.00	875.00	0.00
Interest	03/15/2018	30231GAD4	125,000.00	Exxon Mobil Corp Callable Note Cont 2/15/2019 1.819% Due 3/15/2019	0.000		1,136.88	0.00	1,136.88	0.00
Interest	03/15/2018	68389XBK0	125,000.00	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 9/15/2021	0.000		1,187.50	0.00	1,187.50	0.00
Interest	03/20/2018	17275RBG6	125,000.00	Cisco Systems Note 1.4% Due 9/20/2019	0.000		875.00	0.00	875.00	0.00
Interest	03/20/2018	3133EGUY9	200,000.00	FFCB Note 0.875% Due 9/20/2018	0.000		875.00	0.00	875.00	0.00
Interest	03/20/2018	3133EGUY9	200,000.00	FFCB Note 0.875% Due 9/20/2018	0.000		875.00	0.00	875.00	0.00
Interest	03/26/2018	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	0.000		1,000.00	0.00	1,000.00	0.00
Interest	03/26/2018	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	0.000		1,000.00	0.00	1,000.00	0.00
Interest	03/27/2018	06740KKY2	130,000.00	Barclays Bank Delaware Negotiable CD 2.25% Due 9/27/2022	0.000		1,450.48	0.00	1,450.48	0.00
Interest	03/31/2018	9128282W9	220,000.00	US Treasury Note 1.875% Due 9/30/2022	0.000		2,062.50	0.00	2,062.50	0.00
Interest	03/31/2018	912828C57	175,000.00	US Treasury Note 2.25% Due 3/31/2021	0.000		1,968.75	0.00	1,968.75	0.00
Interest	03/31/2018	912828L65	200,000.00	US Treasury Note 1.375% Due 9/30/2020	0.000		1,375.00	0.00	1,375.00	0.00
Interest	03/31/2018	912828T34	200,000.00	US Treasury Note 1.125% Due 9/30/2021	0.000		1,125.00	0.00	1,125.00	0.00
Interest	03/31/2018	912828T34	215,000.00	US Treasury Note 1.125% Due 9/30/2021	0.000		1,209.38	0.00	1,209.38	0.00
Interest	03/31/2018	912828T42	200,000.00	US Treasury Note 0.75% Due 9/30/2018	0.000		750.00	0.00	750.00	0.00
Subtotal			5,205,000.00				39,948.32	0.00	39,948.32	0.00
Dividend	03/01/2018	31846V203	12,266.41	First American Govt Obligation Fund	0.000		73.80	0.00	73.80	0.00



Transaction Ledger

2/28/18 Thru 3/31/18

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
OTHER TRANSACTIONS										
Dividend	03/01/2018	31846V203	11,649.00	First American Govt Obligation Fund	0.000		70.08	0.00	70.08	0.00
	Subtotal		23,915.41				143.88	0.00	143.88	0.00
TOTAL OTHER TRANSACTIONS			5,228,915.41				40,092.20	0.00	40,092.20	0.00



Income Earned

2/28/18 Thru 3/31/18

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
Fixed Income						
02665WAC5	American Honda Finance Note 2.125% Due 10/10/2018	10/19/2016 10/24/2016 250,000.00	251,361.04 0.00 0.00 251,171.84	2,080.72 0.00 2,523.44 442.72	0.00 189.20 (189.20) 253.52	0.00 253.52
037833AJ9	Apple Inc Note 1% Due 05/03/2018	10/19/2016 10/24/2016 250,000.00	249,996.88 0.00 0.00 249,998.42	819.44 0.00 1,027.78 208.34	1.54 0.00 1.54 209.88	0.00 209.88
06406HCW7	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 09/11/2019	10/19/2016 10/24/2016 250,000.00	252,995.60 0.00 0.00 252,829.46	2,715.28 2,875.00 319.44 479.16	0.00 166.14 (166.14) 313.02	0.00 313.02
084664CK5	Berkshire Hathaway Note 1.3% Due 08/15/2019	10/26/2016 10/31/2016 250,000.00	249,757.00 0.00 0.00 249,771.16	144.44 0.00 415.28 270.84	14.16 0.00 14.16 285.00	0.00 285.00
166764AE0	Chevron Corp Callable Note Cont 5/24/2018 1.718% Due 06/24/2018	10/20/2016 10/25/2016 125,000.00	125,189.93 0.00 0.00 125,138.73	399.67 0.00 578.63 178.96	0.00 51.20 (51.20) 127.76	0.00 127.76
166764BG4	Chevron Corp Callable Note Cont 4/15/2021 2.1% Due 05/16/2021	10/20/2016 10/25/2016 125,000.00	126,271.31 0.00 0.00 126,237.68	765.63 0.00 984.38 218.75	0.00 33.63 (33.63) 185.12	0.00 185.12
17275RAR3	Cisco Systems Note 2.125% Due 03/01/2019	10/20/2016 10/25/2016 125,000.00	126,056.24 0.00 0.00 125,966.53	1,328.13 1,328.13 221.35 221.35	0.00 89.71 (89.71) 131.64	0.00 131.64
17275RAU6	Cisco Systems Note 1.65% Due 06/15/2018	10/20/2016 10/25/2016 125,000.00	125,184.35 0.00 0.00 125,130.43	435.42 0.00 607.29 171.87	0.00 53.92 (53.92) 117.95	0.00 117.95
17275RBG6	Cisco Systems Note 1.4% Due 09/20/2019	10/12/2016 10/17/2016 125,000.00	124,933.52 0.00 0.00 124,937.15	782.64 875.00 53.47 145.83	3.63 0.00 3.63 149.46	0.00 149.46
22160KAG0	Costco Wholesale Corp Note 1.75% Due 02/15/2020	Various Various 375,000.00	376,495.06 0.00 0.00 376,430.32	291.66 0.00 838.53 546.87	0.00 64.74 (64.74) 482.13	0.00 482.13



**East Orange County Water District Consolidated Por
Account #10491**

Income Earned

2/28/18 Thru 3/31/18

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
24422ESF7	John Deere Capital Corp Note 1.95% Due 12/13/2018	10/24/2016 10/27/2016 250,000.00	251,221.68 0.00 0.00 251,089.72	1,056.26 0.00 1,462.50 406.24	0.00 131.96 (131.96) 274.28	0.00 274.28
30231GAD4	Exxon Mobil Corp Callable Note Cont 2/15/2019 1.819% Due 03/15/2019	10/21/2016 10/26/2016 125,000.00	125,695.92 0.00 0.00 125,639.00	1,048.45 1,136.88 101.06 189.49	0.00 56.92 (56.92) 132.57	0.00 132.57
30231GAV4	Exxon Mobil Corp Callable Note Cont 2/1/2021 2.222% Due 03/01/2021	10/21/2016 10/26/2016 125,000.00	126,931.12 0.00 0.00 126,876.50	1,388.75 1,388.75 231.46 231.46	0.00 54.62 (54.62) 176.84	0.00 176.84
3130A1W95	FHLB Note 2.25% Due 06/11/2021	11/25/2016 11/28/2016 200,000.00	202,516.09 0.00 0.00 202,450.98	1,000.00 0.00 1,375.00 375.00	0.00 65.11 (65.11) 309.89	0.00 309.89
3130A3KM5	FHLB Note 2.5% Due 12/09/2022	03/08/2018 03/09/2018 420,000.00	0.00 416,346.00 0.00 416,394.42	0.00 (2,625.00) 3,266.66 641.66	48.42 0.00 48.42 690.08	0.00 690.08
3130A7CV5	FHLB Note 1.375% Due 02/18/2021	10/26/2016 10/27/2016 200,000.00	200,232.84 0.00 0.00 200,226.19	99.31 0.00 328.47 229.16	0.00 6.65 (6.65) 222.51	0.00 222.51
3130A8NN9	FHLB Note 0.8% Due 06/28/2019	10/27/2016 10/28/2016 250,000.00	248,933.01 0.00 0.00 249,001.35	350.00 0.00 516.67 166.67	68.34 0.00 68.34 235.01	0.00 235.01
3130A8Y72	FHLB Note 0.875% Due 08/05/2019	10/21/2016 10/24/2016 200,000.00	199,561.83 0.00 0.00 199,587.85	126.39 0.00 272.22 145.83	26.02 0.00 26.02 171.85	0.00 171.85
3130A9AE1	FHLB Note 0.875% Due 10/01/2018	10/26/2016 10/27/2016 400,000.00	399,913.68 0.00 0.00 399,926.18	1,458.34 0.00 1,750.00 291.66	12.50 0.00 12.50 304.16	0.00 304.16
3130A9EP2	FHLB Note 1% Due 09/26/2019	11/17/2016 11/18/2016 400,000.00	397,994.86 0.00 0.00 398,103.14	1,722.22 2,000.00 55.56 333.34	108.28 0.00 108.28 441.62	0.00 441.62
3130AA3R7	FHLB Note 1.375% Due 11/15/2019	11/17/2016 11/18/2016 400,000.00	399,931.42 0.00 0.00 399,934.84	1,619.44 0.00 2,077.78 458.34	3.42 0.00 3.42 461.76	0.00 461.76



East Orange County Water District Consolidated Por
Account #10491

Income Earned

2/28/18 Thru 3/31/18

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
3130AAE46	FHLB Note 1.25% Due 01/16/2019	12/29/2016 12/29/2016 200,000.00	199,894.43 0.00 0.00 199,904.63	312.50 0.00 520.83 208.33	10.20 0.00 10.20 218.53	0.00 218.53
313376BR5	FHLB Note 1.75% Due 12/14/2018	11/30/2016 11/30/2016 400,000.00	401,670.70 0.00 0.00 401,490.88	1,497.22 0.00 2,080.56 583.34	0.00 179.82 (179.82) 403.52	0.00 403.52
313378A43	FHLB Note Due 03/09/2018	11/01/2016 11/02/2016 0.00	200,024.36 0.00 200,000.00 0.00	1,313.89 1,375.00 0.00 61.11	0.00 24.36 (24.36) 36.75	0.00 36.75
313378CR0	FHLB Note 2.25% Due 03/11/2022	Various Various 470,000.00	473,532.81 0.00 0.00 473,458.36	4,993.75 5,287.50 587.50 881.25	0.00 74.45 (74.45) 806.80	0.00 806.80
313378J77	FHLB Note 1.875% Due 03/13/2020	11/29/2016 11/30/2016 200,000.00	201,479.80 0.00 0.00 201,418.06	1,750.00 1,875.00 187.50 312.50	0.00 61.74 (61.74) 250.76	0.00 250.76
313379EE5	FHLB Note 1.625% Due 06/14/2019	12/21/2016 12/22/2016 200,000.00	200,478.32 0.00 0.00 200,446.77	695.14 0.00 965.97 270.83	0.00 31.55 (31.55) 239.28	0.00 239.28
313379Q69	FHLB Note 2.125% Due 06/10/2022	Various Various 480,000.00	485,005.14 0.00 0.00 484,905.81	2,295.00 0.00 3,144.99 849.99	0.00 99.33 (99.33) 750.66	0.00 750.66
313379RB7	FHLB Note 1.875% Due 06/11/2021	04/27/2017 04/28/2017 260,000.00	260,912.71 0.00 0.00 260,889.09	1,083.33 0.00 1,489.58 406.25	0.00 23.62 (23.62) 382.63	0.00 382.63
313380GJ0	FHLB Note 2% Due 09/09/2022	09/21/2017 09/22/2017 445,000.00	445,815.51 0.00 0.00 445,800.22	4,252.22 4,450.00 543.88 741.66	0.00 15.29 (15.29) 726.37	0.00 726.37
313382K69	FHLB Note 1.75% Due 03/12/2021	10/25/2016 10/26/2016 130,000.00	131,566.98 0.00 0.00 131,523.10	1,067.99 1,137.50 120.07 189.58	0.00 43.88 (43.88) 145.70	0.00 145.70
3133EEJ50	FFCB Note 1.03% Due 05/11/2018	12/27/2016 12/28/2016 200,000.00	199,951.05 0.00 0.00 199,972.42	629.44 0.00 801.11 171.67	21.37 0.00 21.37 193.04	0.00 193.04



Income Earned

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
3133EEY20	FFCB Note 2.4% Due 06/17/2022	10/17/2017 10/18/2017 260,000.00	264,388.40 0.00 0.00 264,301.70	1,282.66 0.00 1,802.66 520.00	0.00 86.70 (86.70) 433.30	0.00 0.00 0.00 433.30
3133EFRQ2	FFCB Note 1.3% Due 12/03/2018	10/20/2016 10/21/2016 200,000.00	200,538.23 0.00 0.00 200,478.00	635.56 0.00 852.22 216.66	0.00 60.23 (60.23) 156.43	0.00 0.00 0.00 156.43
3133EFW52	FFCB Note 1.15% Due 07/01/2019	10/20/2016 10/21/2016 200,000.00	200,352.74 0.00 0.00 200,330.29	383.33 0.00 575.00 191.67	0.00 22.45 (22.45) 169.22	0.00 0.00 0.00 169.22
3133EG3J2	FFCB Note 1.55% Due 01/10/2020	01/27/2017 01/30/2017 305,000.00	304,961.42 0.00 0.00 304,963.17	669.73 0.00 1,063.69 393.96	1.75 0.00 1.75 395.71	0.00 0.00 0.00 395.71
3133EGE68	FFCB Note Due 03/08/2018	11/17/2016 11/18/2016 0.00	199,993.63 0.00 200,000.00 0.00	768.89 800.00 0.00 31.11	6.37 0.00 6.37 37.48	0.00 0.00 0.00 37.48
3133EGFQ3	FFCB Note 0.875% Due 09/14/2018	10/20/2016 10/21/2016 400,000.00	399,987.50 0.00 0.00 399,989.46	1,623.62 1,750.00 165.28 291.66	1.96 0.00 1.96 293.62	0.00 0.00 0.00 293.62
3133EGJ48	FFCB Note 0.89% Due 11/16/2018	11/15/2016 11/16/2016 400,000.00	399,447.24 0.00 0.00 399,513.14	1,038.34 0.00 1,335.00 296.66	65.90 0.00 65.90 362.56	0.00 0.00 0.00 362.56
3133EGJS5	FFCB Note 0.7% Due 07/05/2018	Various Various 400,000.00	399,706.70 0.00 0.00 399,778.86	435.56 0.00 668.88 233.32	72.16 0.00 72.16 305.48	0.00 0.00 0.00 305.48
3133EGUY9	FFCB Note 0.875% Due 09/20/2018	10/26/2016 10/27/2016 400,000.00	399,871.12 0.00 0.00 399,890.80	1,565.28 1,750.00 106.94 291.66	19.68 0.00 19.68 311.34	0.00 0.00 0.00 311.34
3133EGYP4	FFCB Note 1.05% Due 10/17/2019	11/17/2016 11/18/2016 200,000.00	199,074.20 0.00 0.00 199,122.43	781.67 0.00 956.67 175.00	48.23 0.00 48.23 223.23	0.00 0.00 0.00 223.23
3133EHP31	FFCB Note 1.95% Due 11/02/2021	12/18/2017 12/19/2017 280,000.00	278,170.37 0.00 0.00 278,212.63	1,804.84 0.00 2,259.84 455.00	42.26 0.00 42.26 497.26	0.00 0.00 0.00 497.26



**East Orange County Water District Consolidated Por
Account #10491**

Income Earned

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
3133EJBP3	FFCB Note 2.5% Due 02/02/2023	02/26/2018 02/27/2018 325,000.00	322,539.24 0.00 0.00 322,581.64	654.51 0.00 1,331.60 677.09	42.40 0.00 42.40 719.49	0.00 719.49
40428HPV8	HSBC USA Inc Note 2.75% Due 08/07/2020	11/15/2017 11/17/2017 160,000.00	161,878.13 0.00 0.00 161,812.71	293.33 0.00 660.00 366.67	0.00 65.42 (65.42) 301.25	0.00 301.25
43814RAB2	Honda Auto Receivables 2016-4 A2 1.04% Due 04/18/2019	10/18/2016 10/25/2016 101,046.62	127,683.40 0.00 26,638.40 101,045.42	47.96 110.66 37.94 100.64	0.42 0.00 0.42 101.06	0.00 101.06
594918BG8	Microsoft Callable Note Cont. 10/03/20 2% Due 11/03/2020	10/24/2016 10/27/2016 125,000.00	126,629.72 0.00 0.00 126,578.06	819.44 0.00 1,027.78 208.34	0.00 51.66 (51.66) 156.68	0.00 156.68
594918BN3	Microsoft Note 1.1% Due 08/08/2019	10/24/2016 10/27/2016 125,000.00	124,754.96 0.00 0.00 124,769.43	87.85 0.00 202.43 114.58	14.47 0.00 14.47 129.05	0.00 129.05
65478VAD9	NAROT 2016-B A3 1.32% Due 01/15/2021	Various Various 350,000.00	347,036.26 0.00 0.00 347,123.68	51.33 385.00 51.33 385.00	87.42 0.00 87.42 472.42	0.00 472.42
68389XBK0	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 09/15/2021	11/29/2016 12/02/2016 125,000.00	122,928.16 0.00 0.00 122,977.79	1,095.14 1,187.50 105.56 197.92	49.63 0.00 49.63 247.55	0.00 247.55
717081EB5	Pfizer Inc. Note 1.7% Due 12/15/2019	01/27/2017 01/30/2017 125,000.00	125,003.12 0.00 0.00 125,002.97	448.61 0.00 625.69 177.08	0.00 0.15 (0.15) 176.93	0.00 176.93
74005PBH6	Praxair Note 1.25% Due 11/07/2018	10/21/2016 10/26/2016 125,000.00	125,030.44 0.00 0.00 125,026.68	494.79 0.00 625.00 130.21	0.00 3.76 (3.76) 126.45	0.00 126.45
747525AD5	Qualcomm Inc Note 2.25% Due 05/20/2020	10/19/2016 10/21/2016 250,000.00	253,355.38 0.00 0.00 253,227.12	1,578.12 0.00 2,046.88 468.76	0.00 128.26 (128.26) 340.50	0.00 340.50
857477AS2	State Street Bank Note 2.55% Due 08/18/2020	09/21/2017 09/25/2017 125,000.00	126,916.12 0.00 0.00 126,850.19	115.10 0.00 380.73 265.63	0.00 65.93 (65.93) 199.70	0.00 199.70



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Income Earned

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
857477AV5	State Street Bank Note 1.95% Due 05/19/2021	10/12/2016 10/17/2016 125,000.00	125,237.63 0.00 0.00 125,231.36	690.63 0.00 893.75 203.12	0.00 6.27 (6.27) 196.85	0.00 196.85
89236TBP9	Toyota Motor Credit Corp Note 2.125% Due 07/18/2019	10/24/2016 10/27/2016 125,000.00	126,126.27 0.00 0.00 126,056.99	317.27 0.00 538.63 221.36	0.00 69.28 (69.28) 152.08	0.00 152.08
89236TDE2	Toyota Motor Credit Corp Note 1.4% Due 05/20/2019	10/12/2016 10/17/2016 125,000.00	124,880.51 0.00 0.00 124,888.83	490.97 0.00 636.81 145.84	8.32 0.00 8.32 154.16	0.00 154.16
91159HHH6	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 04/25/2019	10/12/2016 10/17/2016 250,000.00	251,989.30 0.00 0.00 251,842.46	1,925.00 0.00 2,383.34 458.34	0.00 146.84 (146.84) 311.50	0.00 311.50
91159HHP8	US Bancorp Callable Cont 12/23/2021 2.625% Due 01/24/2022	01/19/2017 01/24/2017 60,000.00	59,919.46 0.00 0.00 59,921.22	161.88 0.00 293.13 131.25	1.76 0.00 1.76 133.01	0.00 133.01
9128282C3	US Treasury Note 0.75% Due 08/31/2018	11/01/2016 11/02/2016 200,000.00	199,890.87 0.00 0.00 199,909.35	4.08 0.00 130.43 126.35	18.48 0.00 18.48 144.83	0.00 144.83
9128282W9	US Treasury Note 1.875% Due 09/30/2022	Various Various 220,000.00	217,712.31 0.00 0.00 217,754.68	1,722.52 2,062.50 11.27 351.25	42.37 0.00 42.37 393.62	0.00 393.62
9128283C2	US Treasury Note 2% Due 10/31/2022	11/07/2017 11/08/2017 220,000.00	220,217.61 0.00 0.00 220,213.65	1,470.72 0.00 1,847.51 376.79	0.00 3.96 (3.96) 372.83	0.00 372.83
912828A34	US Treasury Note 1.25% Due 11/30/2018	10/26/2016 10/27/2016 400,000.00	400,969.92 0.00 0.00 400,860.18	1,250.00 0.00 1,675.82 425.82	0.00 109.74 (109.74) 316.08	0.00 316.08
912828C57	US Treasury Note 2.25% Due 03/31/2021	01/24/2018 01/25/2018 175,000.00	175,059.67 0.00 0.00 175,058.02	1,644.23 1,968.75 10.76 335.28	0.00 1.65 (1.65) 333.63	0.00 333.63
912828J50	US Treasury Note 1.375% Due 02/29/2020	10/25/2016 10/26/2016 200,000.00	201,130.75 0.00 0.00 201,082.73	7.47 0.00 239.13 231.66	0.00 48.02 (48.02) 183.64	0.00 183.64



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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
912828K25	US Treasury Note 0.75% Due 04/15/2018	11/02/2016 11/03/2016 400,000.00	399,993.46 0.00 0.00 399,997.96	1,129.12 0.00 1,384.62 255.50	4.50 0.00 4.50 260.00	0.00 260.00
912828L24	US Treasury Note 1.875% Due 08/31/2022	Various Various 440,000.00	439,458.95 0.00 0.00 439,469.15	22.42 0.00 717.39 694.97	10.20 0.00 10.20 705.17	0.00 705.17
912828L65	US Treasury Note 1.375% Due 09/30/2020	10/26/2016 10/27/2016 200,000.00	200,905.60 0.00 0.00 200,875.86	1,148.35 1,375.00 7.51 234.16	0.00 29.74 (29.74) 204.42	0.00 204.42
912828L99	US Treasury Note 1.375% Due 10/31/2020	10/25/2016 10/26/2016 200,000.00	200,951.30 0.00 0.00 200,921.05	919.20 0.00 1,154.70 235.50	0.00 30.25 (30.25) 205.25	0.00 205.25
912828N89	US Treasury Note 1.375% Due 01/31/2021	Various Various 400,000.00	398,534.15 0.00 0.00 398,576.74	440.60 0.00 911.60 471.00	68.58 25.99 42.59 513.59	0.00 513.59
912828P87	US Treasury Note 1.125% Due 02/28/2021	10/25/2016 10/26/2016 200,000.00	199,423.32 0.00 0.00 199,439.64	6.11 0.00 195.65 189.54	16.32 0.00 16.32 205.86	0.00 205.86
912828R93	US Treasury Note 0.625% Due 06/30/2018	10/17/2016 10/18/2016 400,000.00	399,756.30 0.00 0.00 399,818.74	414.36 0.00 628.46 214.10	62.44 0.00 62.44 276.54	0.00 276.54
912828T34	US Treasury Note 1.125% Due 09/30/2021	Various Various 415,000.00	406,057.41 0.00 0.00 406,269.19	1,949.59 2,334.38 12.76 397.55	211.78 0.00 211.78 609.33	0.00 609.33
912828T42	US Treasury Note 0.75% Due 09/30/2018	10/26/2016 10/27/2016 200,000.00	199,853.44 0.00 0.00 199,874.77	626.37 750.00 4.10 127.73	21.33 0.00 21.33 149.06	0.00 149.06
912828TH3	US Treasury Note 0.875% Due 07/31/2019	10/25/2016 10/26/2016 200,000.00	199,687.79 0.00 0.00 199,706.51	140.19 0.00 290.06 149.87	18.72 0.00 18.72 168.59	0.00 168.59
912828U65	US Treasury Note 1.75% Due 11/30/2021	09/21/2017 09/22/2017 140,000.00	139,750.68 0.00 0.00 139,756.32	612.50 0.00 821.15 208.65	5.64 0.00 5.64 214.29	0.00 214.29



Income Earned

2/28/18 Thru 3/31/18

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
912828UB4	US Treasury Note 1% Due 11/30/2019	10/12/2016 10/13/2016 400,000.00	399,441.70 0.00 0.00 399,468.78	1,000.00 0.00 1,340.66 340.66	27.08 0.00 27.08 367.74	0.00 367.74
912828UF5	US Treasury Note 1.125% Due 12/31/2019	10/25/2016 10/26/2016 200,000.00	200,270.90 0.00 0.00 200,258.36	372.93 0.00 565.61 192.68	0.00 12.54 (12.54) 180.14	0.00 180.14
912828V72	US Treasury Note 1.875% Due 01/31/2022	Various Various 420,000.00	419,147.44 0.00 0.00 419,165.91	630.87 0.00 1,305.25 674.38	18.47 0.00 18.47 692.85	0.00 692.85
912828VA5	US Treasury Note 1.125% Due 04/30/2020	10/25/2016 10/26/2016 200,000.00	200,058.26 0.00 0.00 200,055.97	756.25 0.00 943.75 187.50	0.00 2.29 (2.29) 185.21	0.00 185.21
912828WY2	US Treasury Note 2.25% Due 07/31/2021	01/30/2018 01/31/2018 200,000.00	199,366.29 0.00 0.00 199,382.03	360.50 0.00 745.86 385.36	15.74 0.00 15.74 401.10	0.00 401.10
912828XH8	US Treasury Note 1.625% Due 06/30/2020	11/02/2016 11/03/2016 200,000.00	202,308.93 0.00 0.00 202,224.92	538.67 0.00 816.99 278.32	0.00 84.01 (84.01) 194.31	0.00 194.31
912828XM7	US Treasury Note 1.625% Due 07/31/2020	10/25/2016 10/26/2016 200,000.00	202,274.80 0.00 0.00 202,194.94	260.36 0.00 538.67 278.31	0.00 79.86 (79.86) 198.45	0.00 198.45
94974BGF1	Wells Fargo Corp Note 2.15% Due 01/30/2020	10/24/2016 10/27/2016 125,000.00	125,470.59 0.00 0.00 125,449.75	231.42 0.00 455.38 223.96	0.00 20.84 (20.84) 203.12	0.00 203.12
			20,207,597.28	77,442.91	1,322.26	
			416,346.00	35,577.55	2,673.68	
			426,638.40	67,830.83	(1,351.42)	0.00
TOTAL Fixed Income			20,176,046.62	25,965.47	24,614.05	24,614.05

Cash & Equivalent

02587DJ90	American Express Centurion Negotiable CD 2.25% Due 12/09/2020	12/09/2015 12/09/2015 110,000.00	110,000.00 0.00 0.00 110,000.00	556.03 0.00 766.23 210.20	0.00 0.00 0.00 210.20	0.00 210.20
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Income Earned

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CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
06740KKY2	Barclays Bank Delaware Negotiable CD 2.25% Due 09/27/2022	09/22/2017 09/27/2017 130,000.00	130,000.00 0.00 0.00 130,000.00	1,242.12 1,450.48 40.07 248.43	0.00 0.00 0.00 248.43	0.00 248.43
140420UF5	Capital One Bank USA NA Negotiable CD 2.3% Due 08/12/2020	08/17/2015 08/17/2015 100,000.00	100,000.00 0.00 0.00 100,000.00	107.12 0.00 302.47 195.35	0.00 0.00 0.00 195.35	0.00 195.35
14042RGG0	CAPITAL ONE Negotiable CD 2.35% Due 06/14/2022	06/14/2017 06/14/2017 250,000.00	250,000.00 0.00 0.00 250,000.00	1,239.38 0.00 1,738.36 498.98	0.00 0.00 0.00 498.98	0.00 498.98
17284A6C7	CIT Bank Negotiable CD Due 03/06/2018	03/06/2013 03/06/2013 0.00	145,000.00 0.00 145,000.00 0.00	769.10 790.95 0.00 21.85	0.00 0.00 0.00 21.85	0.00 21.85
29976DPF1	Everbank Negotiable CD 1.5% Due 11/15/2019	01/30/2015 01/30/2015 150,000.00	149,578.53 0.00 0.00 149,599.47	653.42 0.00 844.52 191.10	20.94 0.00 20.94 212.04	0.00 212.04
31846V203	First American Govt Obligation Fund	Various Various 65,379.58	21,198.53 255,499.33 211,318.28 65,379.58	0.00 143.88 0.00 143.88	0.00 0.00 0.00 143.88	0.00 143.88
48126YN58	JP Morgan Chase Bank Callable CD S/A 3/16/2019 2.9% Due 03/16/2023	03/16/2018 03/16/2018 200,000.00	0.00 200,000.00 0.00 200,000.00	0.00 0.00 254.25 254.25	0.00 0.00 0.00 254.25	0.00 254.25
795450K53	Sallie Mae Bank Negotiable CD 2.65% Due 02/08/2023	02/08/2018 02/08/2018 110,000.00	110,000.00 0.00 0.00 110,000.00	167.71 0.00 415.29 247.58	0.00 0.00 0.00 247.58	0.00 247.58
87164WFD5	Synchrony Bank Negotiable CD 1.8% Due 01/30/2020	01/30/2015 01/30/2015 150,000.00	150,000.00 0.00 0.00 150,000.00	221.92 0.00 451.23 229.31	0.00 0.00 0.00 229.31	0.00 229.31
90CASH\$00	Cash Custodial Cash Account	Various Various 301,177.06	453,834.36 0.00 152,657.30 301,177.06	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00
94986T4N4	Wells Fargo Callable Note Qtrly 9/16/2019 2.5% Due 09/16/2021	03/16/2018 03/16/2018 100,000.00	0.00 100,000.00 0.00 100,000.00	0.00 0.00 109.59 109.59	0.00 0.00 0.00 109.59	0.00 109.59



Income Earned

2/28/18 Thru 3/31/18

CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Unreal G/L Total Income
			1,619,611.42	4,956.80	20.94	
			555,499.33	2,385.31	0.00	
			508,975.58	4,922.01	20.94	0.00
TOTAL Cash & Equivalent		1,666,556.64	1,666,156.11	2,350.52	2,371.46	2,371.46
Local Agency Investment Fund						
90LAIF\$00	Local Agency Investment Fund		29,841,012.86	65,952.12	0.00	
	State Pool					
		Various	0.00	0.00	0.00	
		Various	0.00	104,541.04	0.00	0.00
		29,841,012.86	29,841,012.86	38,588.92	38,588.92	38,588.92
			29,841,012.86	65,952.12	0.00	
			0.00	0.00	0.00	
			0.00	104,541.04	0.00	0.00
TOTAL Local Agency Investment Fund		29,841,012.86	29,841,012.86	38,588.92	38,588.92	38,588.92
			51,668,221.56	148,351.83	1,343.20	
			971,845.33	37,962.86	2,673.68	
			935,613.98	177,293.88	(1,330.48)	0.00
TOTAL PORTFOLIO		51,683,616.12	51,703,122.43	66,904.91	65,574.43	65,574.43



Cash Flow Report

From 03/31/2018

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
04/01/2018	Interest	3130A9AE1	200,000.00	FHLB Note 0.875% Due 10/1/2018	0.00	875.00	875.00
04/01/2018	Interest	3130A9AE1	200,000.00	FHLB Note 0.875% Due 10/1/2018	0.00	875.00	875.00
04/10/2018	Interest	02665WAC5	125,000.00	American Honda Finance Note 2.125% Due 10/10/2018	0.00	1,328.13	1,328.13
04/10/2018	Interest	02665WAC5	125,000.00	American Honda Finance Note 2.125% Due 10/10/2018	0.00	1,328.13	1,328.13
04/15/2018	Maturity	912828K25	200,000.00	US Treasury Note 0.75% Due 4/15/2018	200,000.00	750.00	200,750.00
04/15/2018	Maturity	912828K25	200,000.00	US Treasury Note 0.75% Due 4/15/2018	200,000.00	750.00	200,750.00
04/16/2018	Dividend	90LAIF\$00	2,666,428,626.30	Local Agency Investment Fund State Pool	0.00	104,482.33	104,482.33
04/17/2018	Interest	3133EGYP4	200,000.00	FFCB Note 1.05% Due 10/17/2019	0.00	1,050.00	1,050.00
04/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	13,194.56	43.79	13,238.35
04/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	13,194.56	43.79	13,238.35
04/25/2018	Interest	91159HHH6	125,000.00	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	0.00	1,375.00	1,375.00
04/25/2018	Interest	91159HHH6	125,000.00	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	0.00	1,375.00	1,375.00
04/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	9,998.66	385.00	10,383.66
04/30/2018	Interest	9128283C2	220,000.00	US Treasury Note 2% Due 10/31/2022	0.00	2,200.00	2,200.00
04/30/2018	Interest	912828VA5	200,000.00	US Treasury Note 1.125% Due 4/30/2020	0.00	1,125.00	1,125.00
04/30/2018	Interest	912828L99	200,000.00	US Treasury Note 1.375% Due 10/31/2020	0.00	1,375.00	1,375.00
Apr 2018					436,387.78	119,361.17	555,748.95
05/02/2018	Interest	3133EHP31	130,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,267.50	1,267.50
05/02/2018	Interest	3133EHP31	150,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,462.50	1,462.50
05/03/2018	Interest	594918BG8	125,000.00	Microsoft Callable Note Cont. 10/03/20 2% Due 11/3/2020	0.00	1,250.00	1,250.00
05/03/2018	Maturity	037833AJ9	125,000.00	Apple Inc Note 1% Due 5/3/2018	125,000.00	625.00	125,625.00



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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
05/03/2018	Maturity	037833AJ9	125,000.00	Apple Inc Note 1% Due 5/3/2018	125,000.00	625.00	125,625.00
05/07/2018	Interest	74005PBH6	125,000.00	Praxair Note 1.25% Due 11/7/2018	0.00	781.25	781.25
05/11/2018	Maturity	3133EEJ50	200,000.00	FFCB Note 1.03% Due 5/11/2018	200,000.00	1,030.00	201,030.00
05/15/2018	Interest	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	0.00	1,375.00	1,375.00
05/15/2018	Interest	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	0.00	1,375.00	1,375.00
05/15/2018	Interest	29976DPF1	150,000.00	Everbank Negotiable CD 1.5% Due 11/15/2019	0.00	1,115.75	1,115.75
05/16/2018	Interest	166764BG4	125,000.00	Chevron Corp Callable Note Cont 4/15/2021 2.1% Due 5/16/2021	0.00	1,312.50	1,312.50
05/16/2018	Interest	3133EGJ48	200,000.00	FFCB Note 0.89% Due 11/16/2018	0.00	890.00	890.00
05/16/2018	Interest	3133EGJ48	200,000.00	FFCB Note 0.89% Due 11/16/2018	0.00	890.00	890.00
05/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	11,652.01	32.35	11,684.36
05/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	11,652.01	32.35	11,684.36
05/19/2018	Interest	857477AV5	125,000.00	State Street Bank Note 1.95% Due 5/19/2021	0.00	1,218.75	1,218.75
05/20/2018	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25
05/20/2018	Interest	89236TDE2	125,000.00	Toyota Motor Credit Corp Note 1.4% Due 5/20/2019	0.00	875.00	875.00
05/20/2018	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25
05/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,016.23	374.01	10,390.24
05/31/2018	Interest	912828A34	200,000.00	US Treasury Note 1.25% Due 11/30/2018	0.00	1,250.00	1,250.00
05/31/2018	Interest	912828U65	140,000.00	US Treasury Note 1.75% Due 11/30/2021	0.00	1,225.00	1,225.00
05/31/2018	Interest	912828A34	200,000.00	US Treasury Note 1.25% Due 11/30/2018	0.00	1,250.00	1,250.00
05/31/2018	Interest	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	0.00	1,000.00	1,000.00



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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
05/31/2018	Interest	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	0.00	1,000.00	1,000.00
May 2018					483,320.25	25,069.46	508,389.71
06/03/2018	Interest	3133EFRQ2	200,000.00	FFCB Note 1.3% Due 12/3/2018	0.00	1,300.00	1,300.00
06/09/2018	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
06/09/2018	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
06/09/2018	Interest	02587DJ90	110,000.00	American Express Centurion Negotiable CD 2.25% Due 12/9/2020	0.00	1,234.11	1,234.11
06/10/2018	Interest	313379Q69	170,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	1,806.25	1,806.25
06/10/2018	Interest	313379Q69	310,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	3,293.76	3,293.76
06/11/2018	Interest	313379RB7	260,000.00	FHLB Note 1.875% Due 6/11/2021	0.00	2,437.50	2,437.50
06/11/2018	Interest	3130A1W95	200,000.00	FHLB Note 2.25% Due 6/11/2021	0.00	2,250.00	2,250.00
06/13/2018	Interest	24422ESF7	125,000.00	John Deere Capital Corp Note 1.95% Due 12/13/2018	0.00	1,218.75	1,218.75
06/13/2018	Interest	24422ESF7	125,000.00	John Deere Capital Corp Note 1.95% Due 12/13/2018	0.00	1,218.75	1,218.75
06/14/2018	Interest	14042RGG0	250,000.00	CAPITAL ONE Negotiable CD 2.35% Due 6/14/2022	0.00	2,929.45	2,929.45
06/14/2018	Interest	313376BR5	200,000.00	FHLB Note 1.75% Due 12/14/2018	0.00	1,750.00	1,750.00
06/14/2018	Interest	313376BR5	200,000.00	FHLB Note 1.75% Due 12/14/2018	0.00	1,750.00	1,750.00
06/14/2018	Interest	313379EE5	200,000.00	FHLB Note 1.625% Due 6/14/2019	0.00	1,625.00	1,625.00
06/15/2018	Interest	717081EB5	125,000.00	Pfizer Inc. Note 1.7% Due 12/15/2019	0.00	1,062.50	1,062.50
06/15/2018	Maturity	17275RAU6	125,000.00	Cisco Systems Note 1.65% Due 6/15/2018	125,000.00	1,031.25	126,031.25
06/17/2018	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
06/17/2018	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
06/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	10,107.06	22.25	10,129.31



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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
06/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	10,107.06	22.25	10,129.31
06/24/2018	Maturity	166764AE0	125,000.00	Chevron Corp Callable Note Cont 5/24/2018 1.718% Due 6/24/2018	125,000.00	1,073.75	126,073.75
06/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,033.84	362.98	10,396.82
06/28/2018	Interest	3130A8NN9	250,000.00	FHLB Note 0.8% Due 6/28/2019	0.00	1,000.00	1,000.00
06/30/2018	Interest	912828UF5	200,000.00	US Treasury Note 1.125% Due 12/31/2019	0.00	1,125.00	1,125.00
06/30/2018	Interest	912828XH8	200,000.00	US Treasury Note 1.625% Due 6/30/2020	0.00	1,625.00	1,625.00
06/30/2018	Maturity	912828R93	200,000.00	US Treasury Note 0.625% Due 6/30/2018	200,000.00	625.00	200,625.00
06/30/2018	Maturity	912828R93	200,000.00	US Treasury Note 0.625% Due 6/30/2018	200,000.00	625.00	200,625.00
Jun 2018					680,247.96	39,758.55	720,006.51
07/01/2018	Interest	3133EFW52	200,000.00	FFCB Note 1.15% Due 7/1/2019	0.00	1,150.00	1,150.00
07/05/2018	Maturity	3133EGJS5	200,000.00	FFCB Note 0.7% Due 7/5/2018	200,000.00	700.00	200,700.00
07/05/2018	Maturity	3133EGJS5	200,000.00	FFCB Note 0.7% Due 7/5/2018	200,000.00	700.00	200,700.00
07/10/2018	Interest	3133EG3J2	145,000.00	FFCB Note 1.55% Due 1/10/2020	0.00	1,123.75	1,123.75
07/10/2018	Interest	3133EG3J2	160,000.00	FFCB Note 1.55% Due 1/10/2020	0.00	1,240.00	1,240.00
07/16/2018	Interest	3130AAE46	200,000.00	FHLB Note 1.25% Due 1/16/2019	0.00	1,250.00	1,250.00
07/18/2018	Interest	89236TBP9	125,000.00	Toyota Motor Credit Corp Note 2.125% Due 7/18/2019	0.00	1,328.13	1,328.13
07/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	8,559.72	13.49	8,573.21
07/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	8,559.72	13.49	8,573.21
07/24/2018	Interest	91159HHP8	60,000.00	US Bancorp Callable Cont 12/23/2021 2.625% Due 1/24/2022	0.00	787.50	787.50
07/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,051.48	351.94	10,403.42
07/30/2018	Interest	94974BGF1	125,000.00	Wells Fargo Corp Note 2.15% Due 1/30/2020	0.00	1,343.75	1,343.75



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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
07/30/2018	Interest	87164WFD5	150,000.00	Synchrony Bank Negotiable CD 1.8% Due 1/30/2020	0.00	1,338.90	1,338.90
07/31/2018	Interest	912828V72	200,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	1,875.00	1,875.00
07/31/2018	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00
07/31/2018	Interest	912828XM7	200,000.00	US Treasury Note 1.625% Due 7/31/2020	0.00	1,625.00	1,625.00
07/31/2018	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00
07/31/2018	Interest	912828TH3	200,000.00	US Treasury Note 0.875% Due 7/31/2019	0.00	875.00	875.00
07/31/2018	Interest	912828V72	220,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	2,062.50	2,062.50
07/31/2018	Interest	912828WY2	200,000.00	US Treasury Note 2.25% Due 7/31/2021	0.00	2,250.00	2,250.00
Jul 2018					427,170.92	22,778.45	449,949.37
08/02/2018	Interest	3133EJBP3	325,000.00	FFCB Note 2.5% Due 2/2/2023	0.00	4,062.50	4,062.50
08/05/2018	Interest	3130A8Y72	200,000.00	FHLB Note 0.875% Due 8/5/2019	0.00	875.00	875.00
08/07/2018	Interest	40428HPV8	160,000.00	HSBC USA Inc Note 2.75% Due 8/7/2020	0.00	2,200.00	2,200.00
08/08/2018	Interest	594918BN3	125,000.00	Microsoft Note 1.1% Due 8/8/2019	0.00	687.50	687.50
08/08/2018	Interest	795450K53	110,000.00	Sallie Mae Bank Negotiable CD 2.65% Due 2/8/2023	0.00	1,445.52	1,445.52
08/12/2018	Interest	140420UF5	100,000.00	Capital One Bank USA NA Negotiable CD 2.3% Due 8/12/2020	0.00	1,140.55	1,140.55
08/15/2018	Interest	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	0.00	812.50	812.50
08/15/2018	Interest	22160KAG0	125,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.00	1,093.75	1,093.75
08/15/2018	Interest	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	0.00	812.50	812.50
08/15/2018	Interest	22160KAG0	250,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.00	2,187.50	2,187.50
08/18/2018	Interest	857477AS2	125,000.00	State Street Bank Note 2.55% Due 8/18/2020	0.00	1,593.75	1,593.75
08/18/2018	Interest	3130A7CV5	200,000.00	FHLB Note 1.375% Due 2/18/2021	0.00	1,375.00	1,375.00



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Cash Flow Report

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
08/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	7,009.97	6.08	7,016.05
08/18/2018	Paydown	43814RAB2	50,523.31	Honda Auto Receivables 2016-4 A2 1.04% Due 4/18/2019	7,009.97	6.08	7,016.05
08/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,069.14	340.89	10,410.03
08/31/2018	Interest	912828L24	200,000.00	US Treasury Note 1.875% Due 8/31/2022	0.00	1,875.00	1,875.00
08/31/2018	Interest	912828J50	200,000.00	US Treasury Note 1.375% Due 2/29/2020	0.00	1,375.00	1,375.00
08/31/2018	Interest	912828L24	240,000.00	US Treasury Note 1.875% Due 8/31/2022	0.00	2,250.00	2,250.00
08/31/2018	Interest	912828P87	200,000.00	US Treasury Note 1.125% Due 2/28/2021	0.00	1,125.00	1,125.00
08/31/2018	Maturity	912828C3	200,000.00	US Treasury Note 0.75% Due 8/31/2018	200,000.00	750.00	200,750.00
Aug 2018					224,089.08	26,014.12	250,103.20
09/01/2018	Interest	30231GAV4	125,000.00	Exxon Mobil Corp Callable Note Cont 2/1/2021 2.222% Due 3/1/2021	0.00	1,388.75	1,388.75
09/01/2018	Interest	17275RAR3	125,000.00	Cisco Systems Note 2.125% Due 3/1/2019	0.00	1,328.13	1,328.13
09/09/2018	Interest	313380GJ0	245,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,450.00	2,450.00
09/09/2018	Interest	313380GJ0	200,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,000.00	2,000.00
09/11/2018	Interest	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	0.00	1,437.50	1,437.50
09/11/2018	Interest	313378CR0	220,000.00	FHLB Note 2.25% Due 3/11/2022	0.00	2,475.00	2,475.00
09/11/2018	Interest	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	0.00	1,437.50	1,437.50
09/11/2018	Interest	313378CR0	250,000.00	FHLB Note 2.25% Due 3/11/2022	0.00	2,812.50	2,812.50
09/12/2018	Interest	313382K69	130,000.00	FHLB Note 1.75% Due 3/12/2021	0.00	1,137.50	1,137.50
09/13/2018	Interest	313378J77	200,000.00	FHLB Note 1.875% Due 3/13/2020	0.00	1,875.00	1,875.00
09/14/2018	Maturity	3133EGFQ3	200,000.00	FFCB Note 0.875% Due 9/14/2018	200,000.00	875.00	200,875.00
09/14/2018	Maturity	3133EGFQ3	200,000.00	FFCB Note 0.875% Due 9/14/2018	200,000.00	875.00	200,875.00



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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
09/15/2018	Interest	30231GAD4	125,000.00	Exxon Mobil Corp Callable Note Cont 2/15/2019 1.819% Due 3/15/2019	0.00	1,136.88	1,136.88
09/15/2018	Interest	68389XBK0	125,000.00	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 9/15/2021	0.00	1,187.50	1,187.50
09/16/2018	Interest	48126YN58	200,000.00	JP Morgan Chase Bank Callable CD S/A 3/16/2019	0.00	2,923.84	2,923.84
09/16/2018	Interest	94986T4N4	100,000.00	Wells Fargo Callable Note Qtrly 9/16/2019	0.00	1,260.27	1,260.27
09/20/2018	Interest	17275RBG6	125,000.00	Cisco Systems Note 1.4% Due 9/20/2019	0.00	875.00	875.00
09/20/2018	Maturity	3133EGUY9	200,000.00	FFCB Note 0.875% Due 9/20/2018	200,000.00	875.00	200,875.00
09/20/2018	Maturity	3133EGUY9	200,000.00	FFCB Note 0.875% Due 9/20/2018	200,000.00	875.00	200,875.00
09/26/2018	Interest	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	0.00	1,000.00	1,000.00
09/26/2018	Interest	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	0.00	1,000.00	1,000.00
09/27/2018	Interest	06740KKY2	130,000.00	Barclays Bank Delaware Negotiable CD 2.25% Due 9/27/2022	0.00	1,474.52	1,474.52
09/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,086.84	329.81	10,416.65
09/30/2018	Interest	912828C57	175,000.00	US Treasury Note 2.25% Due 3/31/2021	0.00	1,968.75	1,968.75
09/30/2018	Interest	912828T34	215,000.00	US Treasury Note 1.125% Due 9/30/2021	0.00	1,209.38	1,209.38
09/30/2018	Interest	912828W9	220,000.00	US Treasury Note 1.875% Due 9/30/2022	0.00	2,062.50	2,062.50
09/30/2018	Interest	912828L65	200,000.00	US Treasury Note 1.375% Due 9/30/2020	0.00	1,375.00	1,375.00
09/30/2018	Interest	912828T34	200,000.00	US Treasury Note 1.125% Due 9/30/2021	0.00	1,125.00	1,125.00
09/30/2018	Maturity	912828T42	200,000.00	US Treasury Note 0.75% Due 9/30/2018	200,000.00	750.00	200,750.00
Sep 2018					1,010,086.84	41,520.33	1,051,607.17
10/01/2018	Maturity	3130A9AE1	200,000.00	FHLB Note 0.875% Due 10/1/2018	200,000.00	875.00	200,875.00
10/01/2018	Maturity	3130A9AE1	200,000.00	FHLB Note 0.875% Due 10/1/2018	200,000.00	875.00	200,875.00



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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
10/10/2018	Maturity	02665WAC5	125,000.00	American Honda Finance Note 2.125% Due 10/10/2018	125,000.00	1,328.13	126,328.13
10/10/2018	Maturity	02665WAC5	125,000.00	American Honda Finance Note 2.125% Due 10/10/2018	125,000.00	1,328.13	126,328.13
10/17/2018	Interest	3133EGYP4	200,000.00	FFCB Note 1.05% Due 10/17/2019	0.00	1,050.00	1,050.00
10/25/2018	Interest	91159HHH6	125,000.00	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	0.00	1,375.00	1,375.00
10/25/2018	Interest	91159HHH6	125,000.00	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	0.00	1,375.00	1,375.00
10/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,104.57	318.71	10,423.28
10/31/2018	Interest	912828VA5	200,000.00	US Treasury Note 1.125% Due 4/30/2020	0.00	1,125.00	1,125.00
10/31/2018	Interest	9128283C2	220,000.00	US Treasury Note 2% Due 10/31/2022	0.00	2,200.00	2,200.00
10/31/2018	Interest	912828L99	200,000.00	US Treasury Note 1.375% Due 10/31/2020	0.00	1,375.00	1,375.00
Oct 2018					660,104.57	13,224.97	673,329.54
11/02/2018	Interest	3133EHP31	130,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,267.50	1,267.50
11/02/2018	Interest	3133EHP31	150,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,462.50	1,462.50
11/03/2018	Interest	594918BG8	125,000.00	Microsoft Callable Note Cont. 10/03/20 2% Due 11/3/2020	0.00	1,250.00	1,250.00
11/07/2018	Maturity	74005PBH6	125,000.00	Praxair Note 1.25% Due 11/7/2018	125,000.00	781.25	125,781.25
11/15/2018	Interest	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	0.00	1,375.00	1,375.00
11/15/2018	Interest	29976DPF1	150,000.00	Everbank Negotiable CD 1.5% Due 11/15/2019	0.00	1,134.25	1,134.25
11/15/2018	Interest	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	0.00	1,375.00	1,375.00
11/16/2018	Interest	166764BG4	125,000.00	Chevron Corp Callable Note Cont 4/15/2021 2.1% Due 5/16/2021	0.00	1,312.50	1,312.50
11/16/2018	Maturity	3133EGJ48	200,000.00	FFCB Note 0.89% Due 11/16/2018	200,000.00	890.00	200,890.00
11/16/2018	Maturity	3133EGJ48	200,000.00	FFCB Note 0.89% Due 11/16/2018	200,000.00	890.00	200,890.00
11/19/2018	Interest	857477AV5	125,000.00	State Street Bank Note 1.95% Due 5/19/2021	0.00	1,218.75	1,218.75



**East Orange County Water District Consolidated Por
Account #10491**

Cash Flow Report

From 03/31/2018

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/20/2018	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25
11/20/2018	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25
11/20/2018	Interest	89236TDE2	125,000.00	Toyota Motor Credit Corp Note 1.4% Due 5/20/2019	0.00	875.00	875.00
11/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,122.32	307.60	10,429.92
11/30/2018	Interest	912828U65	140,000.00	US Treasury Note 1.75% Due 11/30/2021	0.00	1,225.00	1,225.00
11/30/2018	Interest	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	0.00	1,000.00	1,000.00
11/30/2018	Interest	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	0.00	1,000.00	1,000.00
11/30/2018	Maturity	912828A34	200,000.00	US Treasury Note 1.25% Due 11/30/2018	200,000.00	1,250.00	201,250.00
11/30/2018	Maturity	912828A34	200,000.00	US Treasury Note 1.25% Due 11/30/2018	200,000.00	1,250.00	201,250.00
Nov 2018					935,122.32	22,676.85	957,799.17
12/03/2018	Maturity	3133EFRQ2	200,000.00	FFCB Note 1.3% Due 12/3/2018	200,000.00	1,300.00	201,300.00
12/09/2018	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
12/09/2018	Interest	02587DJ90	110,000.00	American Express Centurion Negotiable CD 2.25% Due 12/9/2020	0.00	1,240.89	1,240.89
12/09/2018	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
12/10/2018	Interest	313379Q69	310,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	3,293.76	3,293.76
12/10/2018	Interest	313379Q69	170,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	1,806.25	1,806.25
12/11/2018	Interest	313379RB7	260,000.00	FHLB Note 1.875% Due 6/11/2021	0.00	2,437.50	2,437.50
12/11/2018	Interest	3130A1W95	200,000.00	FHLB Note 2.25% Due 6/11/2021	0.00	2,250.00	2,250.00
12/13/2018	Maturity	24422ESF7	125,000.00	John Deere Capital Corp Note 1.95% Due 12/13/2018	125,000.00	1,218.75	126,218.75
12/13/2018	Maturity	24422ESF7	125,000.00	John Deere Capital Corp Note 1.95% Due 12/13/2018	125,000.00	1,218.75	126,218.75
12/14/2018	Interest	14042RGG0	250,000.00	CAPITAL ONE Negotiable CD 2.35% Due 6/14/2022	0.00	2,945.55	2,945.55



Cash Flow Report

From 03/31/2018

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
12/14/2018	Interest	313379EE5	200,000.00	FHLB Note 1.625% Due 6/14/2019	0.00	1,625.00	1,625.00
12/14/2018	Maturity	313376BR5	200,000.00	FHLB Note 1.75% Due 12/14/2018	200,000.00	1,750.00	201,750.00
12/14/2018	Maturity	313376BR5	200,000.00	FHLB Note 1.75% Due 12/14/2018	200,000.00	1,750.00	201,750.00
12/15/2018	Interest	717081EB5	125,000.00	Pfizer Inc. Note 1.7% Due 12/15/2019	0.00	1,062.50	1,062.50
12/17/2018	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
12/17/2018	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
12/27/2018	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,140.11	296.47	10,436.58
12/28/2018	Interest	3130A8NN9	250,000.00	FHLB Note 0.8% Due 6/28/2019	0.00	1,000.00	1,000.00
12/31/2018	Interest	912828UF5	200,000.00	US Treasury Note 1.125% Due 12/31/2019	0.00	1,125.00	1,125.00
12/31/2018	Interest	912828XH8	200,000.00	US Treasury Note 1.625% Due 6/30/2020	0.00	1,625.00	1,625.00
Dec 2018					860,140.11	36,315.42	896,455.53
01/01/2019	Interest	3133EFW52	200,000.00	FFCB Note 1.15% Due 7/1/2019	0.00	1,150.00	1,150.00
01/10/2019	Interest	3133EG3J2	160,000.00	FFCB Note 1.55% Due 1/10/2020	0.00	1,240.00	1,240.00
01/10/2019	Interest	3133EG3J2	145,000.00	FFCB Note 1.55% Due 1/10/2020	0.00	1,123.75	1,123.75
01/16/2019	Maturity	3130AAE46	200,000.00	FHLB Note 1.25% Due 1/16/2019	200,000.00	1,250.00	201,250.00
01/18/2019	Interest	89236TBP9	125,000.00	Toyota Motor Credit Corp Note 2.125% Due 7/18/2019	0.00	1,328.13	1,328.13
01/24/2019	Interest	91159HHP8	60,000.00	US Bancorp Callable Cont 12/23/2021 2.625% Due 1/24/2022	0.00	787.50	787.50
01/27/2019	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,157.93	285.32	10,443.25
01/30/2019	Interest	94974BGF1	125,000.00	Wells Fargo Corp Note 2.15% Due 1/30/2020	0.00	1,343.75	1,343.75
01/30/2019	Interest	87164WFD5	150,000.00	Synchrony Bank Negotiable CD 1.8% Due 1/30/2020	0.00	1,361.10	1,361.10
01/31/2019	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00



Cash Flow Report

From 03/31/2018

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
01/31/2019	Interest	912828V72	200,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	1,875.00	1,875.00
01/31/2019	Interest	912828XM7	200,000.00	US Treasury Note 1.625% Due 7/31/2020	0.00	1,625.00	1,625.00
01/31/2019	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00
01/31/2019	Interest	912828TH3	200,000.00	US Treasury Note 0.875% Due 7/31/2019	0.00	875.00	875.00
01/31/2019	Interest	912828V72	220,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	2,062.50	2,062.50
01/31/2019	Interest	912828WY2	200,000.00	US Treasury Note 2.25% Due 7/31/2021	0.00	2,250.00	2,250.00
Jan 2019					210,157.93	21,307.05	231,464.98
02/02/2019	Interest	3133EJBP3	325,000.00	FFCB Note 2.5% Due 2/2/2023	0.00	4,062.50	4,062.50
02/05/2019	Interest	3130A8Y72	200,000.00	FHLB Note 0.875% Due 8/5/2019	0.00	875.00	875.00
02/07/2019	Interest	40428HPV8	160,000.00	HSBC USA Inc Note 2.75% Due 8/7/2020	0.00	2,200.00	2,200.00
02/08/2019	Interest	795450K53	110,000.00	Sallie Mae Bank Negotiable CD 2.65% Due 2/8/2023	0.00	1,469.48	1,469.48
02/08/2019	Interest	594918BN3	125,000.00	Microsoft Note 1.1% Due 8/8/2019	0.00	687.50	687.50
02/12/2019	Interest	140420UF5	100,000.00	Capital One Bank USA NA Negotiable CD 2.3% Due 8/12/2020	0.00	1,159.45	1,159.45
02/15/2019	Interest	22160KAG0	250,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.00	2,187.50	2,187.50
02/15/2019	Interest	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	0.00	812.50	812.50
02/15/2019	Interest	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	0.00	812.50	812.50
02/15/2019	Interest	22160KAG0	125,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.00	1,093.75	1,093.75
02/18/2019	Interest	857477AS2	125,000.00	State Street Bank Note 2.55% Due 8/18/2020	0.00	1,593.75	1,593.75
02/18/2019	Interest	3130A7CV5	200,000.00	FHLB Note 1.375% Due 2/18/2021	0.00	1,375.00	1,375.00
02/27/2019	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,175.78	274.14	10,449.92
02/28/2019	Interest	912828J50	200,000.00	US Treasury Note 1.375% Due 2/29/2020	0.00	1,375.00	1,375.00



**East Orange County Water District Consolidated Por
Account #10491**

Cash Flow Report

From 03/31/2018

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
02/28/2019	Interest	912828L24	200,000.00	US Treasury Note 1.875% Due 8/31/2022	0.00	1,875.00	1,875.00
02/28/2019	Interest	912828L24	240,000.00	US Treasury Note 1.875% Due 8/31/2022	0.00	2,250.00	2,250.00
02/28/2019	Interest	912828P87	200,000.00	US Treasury Note 1.125% Due 2/28/2021	0.00	1,125.00	1,125.00
Feb 2019					10,175.78	25,228.07	35,403.85
03/01/2019	Interest	30231GAV4	125,000.00	Exxon Mobil Corp Callable Note Cont 2/1/2021 2.222% Due 3/1/2021	0.00	1,388.75	1,388.75
03/01/2019	Maturity	17275RAR3	125,000.00	Cisco Systems Note 2.125% Due 3/1/2019	125,000.00	1,328.13	126,328.13
03/09/2019	Interest	313380GJ0	245,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,450.00	2,450.00
03/09/2019	Interest	313380GJ0	200,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,000.00	2,000.00
03/11/2019	Interest	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	0.00	1,437.50	1,437.50
03/11/2019	Interest	313378CR0	220,000.00	FHLB Note 2.25% Due 3/11/2022	0.00	2,475.00	2,475.00
03/11/2019	Interest	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	0.00	1,437.50	1,437.50
03/11/2019	Interest	313378CR0	250,000.00	FHLB Note 2.25% Due 3/11/2022	0.00	2,812.50	2,812.50
03/12/2019	Interest	313382K69	130,000.00	FHLB Note 1.75% Due 3/12/2021	0.00	1,137.50	1,137.50
03/13/2019	Interest	313378J77	200,000.00	FHLB Note 1.875% Due 3/13/2020	0.00	1,875.00	1,875.00
03/15/2019	Interest	68389XBK0	125,000.00	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 9/15/2021	0.00	1,187.50	1,187.50
03/15/2019	Maturity	30231GAD4	125,000.00	Exxon Mobil Corp Callable Note Cont 2/15/2019 1.819% Due 3/15/2019	125,000.00	1,136.88	126,136.88
03/16/2019	Interest	48126YN58	200,000.00	JP Morgan Chase Bank Callable CD S/A 3/16/2019	0.00	2,876.16	2,876.16
03/16/2019	Interest	94986T4N4	100,000.00	Wells Fargo Callable Note Qtrly 9/16/2019	0.00	1,239.73	1,239.73
03/20/2019	Interest	17275RBG6	125,000.00	Cisco Systems Note 1.4% Due 9/20/2019	0.00	875.00	875.00
03/26/2019	Interest	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	0.00	1,000.00	1,000.00



Cash Flow Report

From 03/31/2018

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
03/26/2019	Interest	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	0.00	1,000.00	1,000.00
03/27/2019	Interest	06740KKY2	130,000.00	Barclays Bank Delaware Negotiable CD 2.25% Due 9/27/2022	0.00	1,450.48	1,450.48
03/27/2019	Paydown	65478VAD9	350,000.00	NAROT 2016-B A3 1.32% Due 1/15/2021	10,193.67	262.95	10,456.62
03/31/2019	Interest	912828T34	215,000.00	US Treasury Note 1.125% Due 9/30/2021	0.00	1,209.38	1,209.38
03/31/2019	Interest	9128282W9	220,000.00	US Treasury Note 1.875% Due 9/30/2022	0.00	2,062.50	2,062.50
03/31/2019	Interest	912828T34	200,000.00	US Treasury Note 1.125% Due 9/30/2021	0.00	1,125.00	1,125.00
03/31/2019	Interest	912828C57	175,000.00	US Treasury Note 2.25% Due 3/31/2021	0.00	1,968.75	1,968.75
03/31/2019	Interest	912828L65	200,000.00	US Treasury Note 1.375% Due 9/30/2020	0.00	1,375.00	1,375.00
Mar 2019					260,193.67	37,111.21	297,304.88
Total					6,197,197.21	430,365.65	6,627,562.86

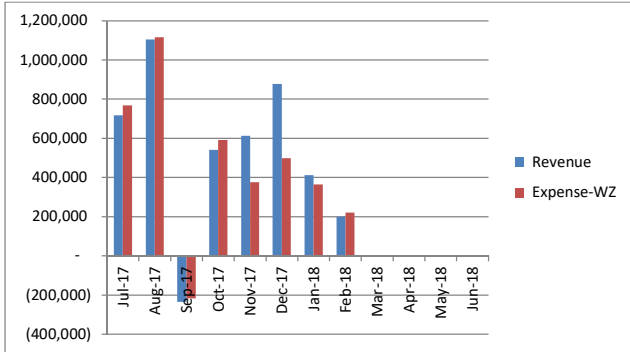
Wholesale Zone Financial Summary

For Period Ending February 28, 2018

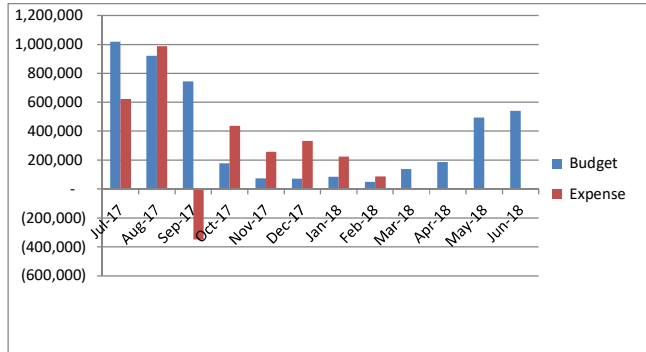
YTD Operating Income \$ 4,228,796

YTD Operating Expense \$ 3,718,366

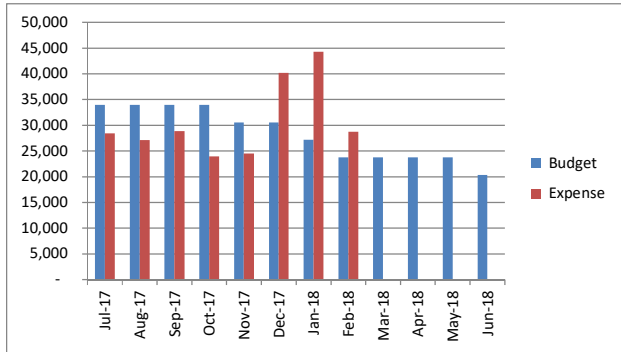
Revenue vs. Expenses



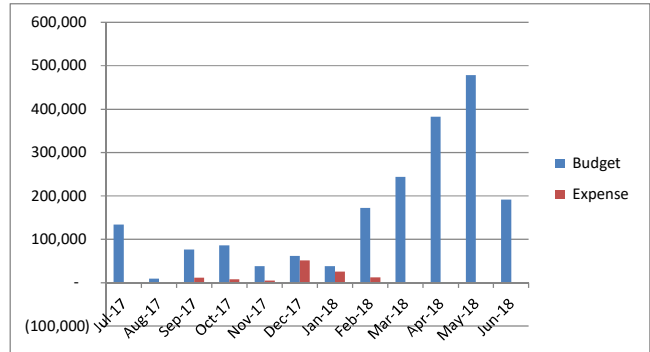
Water Purchased Budget vs. Actual



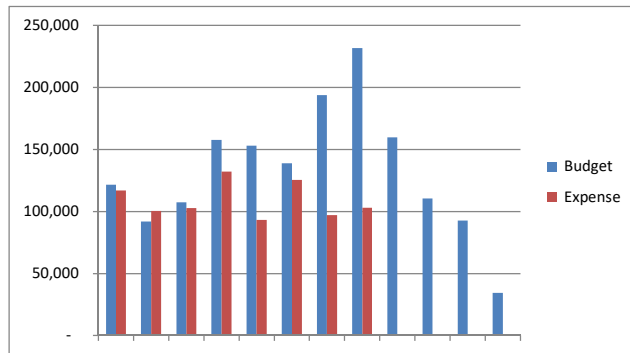
Salaries & Benefits Budget vs. Actual



CIP Budget & Actual



O&M Budget vs. Actual



WHOLESALE ZONE

**EAST ORANGE COUNTY WATER DISTRICT
2017-2018 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
MONTH: FEBRUARY 2018**

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	OPERATING REVENUE:					
2	WATER SALES	88,996	2,602,407	4,505,000	(1,902,593)	58%
3	FIXED CHARGES	46,217	363,219	580,000	(216,781)	63%
4	EOCWD FIXED CHARGES	42,878	349,555	490,000	(140,445)	71%
5	OTHER CHARGES	5,426	167,792	7,100	160,692	2363%
6	TOTAL OPERATING REVENUE:	183,517	3,482,973	5,582,100	(2,099,127)	62%
7	NON-OPERATING REVENUES (EXPENSES):					
8	PROPERTY TAXES*	1,429	532,836	720,565	(187,729)	74%
9	RENTAL INCOME - CELLULAR ANTENNAS	9,976	124,691	105,000	19,691	119%
10	INTEREST & INVESTMENT EARNINGS	3,767	26,749	29,000	(2,251)	92%
11	MISCELLENOUS INCOME (EXPENSE)	50	61,547	600	60,947	10258%
12	TOTAL NON-OPERATING REVENUES, NET	15,221	745,823	855,165	(109,342)	87%
13	TOTAL REVENUES	198,739	4,228,796	6,437,265	(2,208,469)	66%

* The majority of property taxes and sewer service fees are received in December and April, causing the budget percentages to be uneven

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
14	OPERATING EXPENSE:					
15	SOURCE OF SUPPLY	88,914	2,601,667	4,505,000	(1,903,333)	58%
16	MET/MWDOC FIXED CHARGE	25,107	194,334	330,000	(135,666)	59%
17	EOCWD FIXED CHARGE	21,111	168,885	255,000	(86,115)	66%
18	ENERGY	-	1,177	2,650	(1,473)	44%
19	OPERATIONS & MAINTENANCE	36,760	347,155	625,990	(278,835)	55%
20	GENERAL & ADMINISTRATIVE	18,107	184,581	405,235	(220,654)	46%
21	TRANSFER TO CAPITAL PROJECTS EXPENSE & RESERVES	26,116	208,927	313,390	(104,463)	67%
22	DEPRECIATION & AMORTIZATION	-	-	-	-	0%
23	MARKET VALUE ADJUSTMENT ON INVESTMENTS	4,345	14,545	-	14,545	0%
24	TOTAL OPERATING EXPENSE	220,460	3,721,270	6,437,265	(2,715,995)	58%
25	NET INCOME (LOSS) FROM OPERATIONS	(21,721)	507,526	-	507,526	
26	PRIOR YEARS INCOME (EXPENSES)	-	2,903	-	2,903	0%
27	NET INCOME (LOSS)	(21,721)	510,429	-	504,622	

WHOLESALE ZONE

February 2018 Variance Report - 67% of Budget Year

Account Name	Income(I) Expense (E)	YTD Amount (\$)	% Received or Spent	Comments
Operating				
New				
INTEREST EARNED - RAYMOND JAMES	I	17,952	82%	YTD is at 82% due to more interest received than anticipated.
Ongoing				
PRIOR YEARS INCOME (EXPENSES)	I	2,903	0%	MWDOC issued the District a refund due to adjusted charges related to the 2016-17 fiscal year school program, Poseidon Desalination, and WUE.
INTEREST EARNED-LAIF	I	8,797	126%	YTD is over budget due to more interest received than anticipated.
MISCELLANEOUS INCOME	I	61,547	10258%	YTD is over budget due to a reimbursement from Crown Castle for the on-site surveillance system paid for by the District back in 2011.
CONNECTION FEES	I	161,499	16150%	In the prior month, the District received \$129K in connection fees for the vintage project including 140 units with 3/4" meters and one 2" irrigation meter.
COPIER CONTRACT	E	3,835	128%	YTD is over budget due to costs associated with the scanning project for District documents.
REGULATORY PERMITS	E	8,323	116%	YTD is over budget due to the unexpected nature of the SWRCB fees paid in December. These fees are on a cash basis due to their unpredictability.
TREASURER	E	2,625	37%	YTD is under budget due to budgeted fund amount being 45% of total budget, and allocations at 25%.
ACCOUNTING	E	12,239	48%	YTD is under budget due to budgeted fund amount being 45% of total budget, and allocations at 25%.
VEHICLE MAINTENANCE	E	2,857	99%	YTD is at 99% due to work on the 2005 Chevrolet Silverado transmission.
UTILITIES-DUMPSTER	E	400	80%	YTD is at 80% due to additional dumping services and special green waste delivery.
LEGAL	E	92,464	205%	YTD is over budget due to litigation services related to the dispute with Crown Castle.
METER TESTING	E	3,485	112%	YTD is over budget due various meter replacements and a new meter for the newport reservoir.
ACC-OC	E	2,000	100%	Dues paid to the Association of California Cities in July 2017.
LAFCO	E	3,699	46%	YTD is under budget due to more allocations to other funds.
Capital Projects				
New				
SEDARU IMPROVEMENTS	E	6,987	140%	YTD is over budget due to higher than expected costs for tasks 1-11 for Sedaru upgrades for the Wholesale Zone.
Ongoing				
INTEREST-LAIF-CAP	I	17,921	105%	YTD is over budget due to more interest received than anticipated.
FLOW METERING - ENGINEERING	E	4,328	216%	YTD is over budget due to more engineering hours spent during Flow Meter design than expected.

EAST ORANGE COUNTY WATER DISTRICT

WHOLESALE ZONE
MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 WATER SALES	88,996	2,602,407	4,505,000	(1,902,593)	58%
2 METER CHARGE	177	1,214	1,000	214	121%
3 LATE CHARGE	-	5,079	100	4,979	5079%
4 CONNECTION FEES	5,249	161,499	1,000	160,499	16150%
5 EOCWD RESERVE FUND CHARGE	28,080	229,204	315,000	(85,796)	73%
6 EOCWD READINESS TO SERVE CHARGE	14,798	120,351	175,000	(54,649)	69%
7 RETAIL SERVICE CONNECTIONS	21,111	163,768	255,000	(91,232)	64%
8 MET-MWDOC READINESS TO SERVE	13,935	107,327	175,000	(67,673)	61%
9 MET-MWDOC CAPACITY CHARGE	11,172	92,124	150,000	(57,876)	61%
10 MET-MWDOC CHOICE-WS	-	-	5,000	(5,000)	0%
11 REFUNDS	-	-	-	-	0%
12 Total OPERATING REVENUE:	183,517	3,482,973	5,582,100	(2,099,127)	62%
13 NON OPERATING INCOME					
14 INTEREST EARNED-LAIF	-	8,797	7,000	1,797	126%
15 INTEREST EARNED - RAYMOND JAMES	3,767	17,952	22,000	(4,048)	82%
16 TAXES-SECURED*	-	428,168	630,000	(201,832)	68%
17 TAXES-UNSECURED	-	18,669	20,910	(2,241)	89%
18 TAXES SUPPLEMENTAL ROLL	1,189	13,354	10,455	2,899	128%
19 TAXES PRIOR YEARS	240	4,042	7,000	(2,958)	58%
20 TAXES HOMEOWNER'S SUBVENTION	-	2,948	3,500	(552)	84%
21 TAXES PUBLIC UTILITY	-	6,954	8,700	(1,746)	80%
22 TAXES TUSTIN RDA	-	57,088	40,000	17,088	143%
23 TAXES MISC	-	1,614	-	1,614	0%
24 RENT INCOME- CROWN CASTLE	5,132	33,197	50,000	(16,803)	66%
25 AMP SALE INSTALLMENTS	-	-	-	-	0%
26 MISCELLANEOUS INCOME	50	61,547	600	60,947	10258%
27 Total NON OPERATING INCOME:	15,221	745,823	855,165	(109,342)	87%
28 Total REVENUES	198,739	4,228,796	6,437,265	(2,208,469)	66%
29 NET OPERATING INCOME:	198,739	4,228,796	6,437,265	(2,208,469)	66%

* The majority of property taxes and sewer service fees are received in December and April, causing the budget percentages to be uneven

EXPENSES

29 WATER PURCHASED OC-70 (AMP)	-	2,004,304	3,375,000	(1,370,696)	59%
30 EOCF #2 NONINTERR OC 43	81,911	398,740	840,000	(441,260)	47%
31 EOCF #2 NONINTERR OC 48	7,004	198,623	290,000	(91,377)	68%
32 MET-MWDOC CHOICE BUDGET	-	-	5,000	(5,000)	0%
33 MET-MWDOC READINESS TO SERVE	13,935	102,210	175,000	(72,790)	58%
34 MET-MWDOC CAPACITY FEES	11,172	92,124	150,000	(57,876)	61%
35 MWDOC RETAIL SERVICE CONNECT	21,111	168,885	255,000	(86,115)	66%
36 UTILITY- SCADA RTU	-	1,177	2,650	(1,473)	44%
37 SMALL TOOLS	105	1,533	3,600	(2,067)	43%
38 GASOLINE, OIL & DIESEL FUEL	430	3,155	5,500	(2,345)	57%
39 REGULATORY PERMITS	1	8,323	7,150	1,173	116%
40 PROF SERV WATER QUAL. CONTROL	1,369	13,247	26,000	(12,753)	51%
41 SCADA REPLACEMENTS / UPGRADES	-	-	10,000	(10,000)	0%
42 OPERATIONS REPORTING SOFTWARE	768	6,144	18,000	(11,856)	34%
43 METER PURCHASE/REPAIR	-	18,647	15,000	3,647	124%

EAST ORANGE COUNTY WATER DISTRICT

WHOLESALE ZONE
MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
44 PRESSURE REGULATORS R&M	-	-	5,100	(5,100)	0%
45 R/M- MAINS	-	1,863	25,500	(23,637)	7%
46 SERVICE CONNECTIONS R&M	-	-	1,550	(1,550)	0%
47 RESERVOIRS R&M	-	1,748	15,000	(13,252)	12%
48 R/M- VAULTS	1,119	6,443	10,200	(3,757)	63%
49 R/M- CATHODIC PROTECTION	99	1,467	25,300	(23,833)	6%
50 MAINTAIN & OPERATE EOCF#2	1,903	15,227	50,000	(34,773)	30%
51 METER TESTING	-	3,485	3,100	385	112%
52 SAC LINE R&M	143	1,147	25,000	(23,853)	5%
53 EQUIPMENT RENTAL	1,769	15,275	25,000	(9,725)	61%
54 EQUIPMENT MAINTENANCE	-	108	3,600	(3,492)	3%
55 VEHICLE MAINTENANCE	308	2,857	2,900	(43)	99%
56 MAINTENANCE-BUILDINGS AND GROUNDS	11	327	5,000	(4,673)	7%
57 WAGES	20,991	182,324	224,000	(41,676)	81%
58 PAYROLL TAXES- FICA & MEDICARE	1,664	13,085	18,000	(4,915)	73%
59 PERS CLASSIC(ER-CONTRIBUTION)	1,195	9,890	13,000	(3,110)	76%
60 PERS CLASSIC (ER-PAID MEMBER)	320	3,204	13,000	(9,796)	25%
61 PERS PEPRA (ER)	462	3,913	7,000	(3,087)	56%
62 PERS UNFUNDED	818	6,579	6,000	579	110%
63 PERS CLASSIC (EMPLOYEE)	(426)	(3,479)	(4,000)	521	87%
64 PERS PEPRA (EMPLOYEE)	(229)	(2,036)	(3,000)	964	68%
65 PAYROLL TAXES- SUI & ETT	15	739	1,000	(261)	74%
66 HEALTH & ACCIDENT INSURANCE	3,175	24,727	50,000	(25,273)	49%
67 DENTAL INSURANCE	193	1,546	4,000	(2,454)	39%
68 VISION INSURANCE	47	377	700	(323)	54%
69 LIFE INSURANCE	20	154	290	(136)	53%
70 WORKER'S COMP INSURANCE	446	4,793	6,000	(1,207)	80%
71 EDUCATIONAL REIMBURSEMENTS	-	-	5,000	(5,000)	0%
72 UNIFORMS	41	340	2,500	(2,160)	14%
73 UTILITIES- OFFICE- ELECT & WTR	136	1,268	3,500	(2,232)	36%
74 UTILITIES-DUMPSTER	13	400	500	(100)	80%
75 MCPHERSON FAX	-	61	600	(539)	10%
76 MCPHERSON INTERNET	45	360	2,500	(2,140)	14%
77 MCPHERSON OFFICE PHONES	-	521	4,000	(3,479)	13%
78 DISTRICT WEBSITE	24	192	3,000	(2,808)	6%
79 ANSWERING SERVICE	-	62	200	(138)	31%
80 CELLPHONES	137	1,083	2,000	(917)	54%
81 PHONE CIRCUITS TO CTRL EQUIP	364	2,144	7,000	(4,856)	31%
82 TRAINING/SCHOOLS	213	2,461	7,000	(4,539)	35%
83 CONSERVATION EDUCATION	255	2,737	15,500	(12,763)	18%
84 TRAVEL- CONF/SEMINARS	-	3,770	10,000	(6,230)	38%
85 MILEAGE	-	152	700	(548)	22%
86 BOARD MEETING EXPENSE	32	700	2,300	(1,600)	30%
87 DUES & MEMBERSHIP-ACWA	438	3,369	4,500	(1,131)	75%
88 DUES & MEMBERSHIPS-OCWA	-	35	50	(15)	70%
89 DUES & MEMBERSHIPS-AWWA	98	220	250	(30)	88%
90 DUES & MEMBERSHIP-FCA	-	-	50	(50)	0%
91 DUES & MEMBERSHIP-CSDA	143	334	4,000	(3,666)	8%
92 DUES - ISDOC/URBAN WTR	25	488	1,000	(512)	49%
93 DUES - SOCAL WATER COMMITTEE	-	-	500	(500)	0%
94 ACC-OC	-	2,000	2,000	-	100%
95 POSTAGE	63	254	2,000	(1,746)	13%
96 OFFICE SUPPLY/FURN/SMALL EQUIP	127	1,287	10,000	(8,713)	13%

EAST ORANGE COUNTY WATER DISTRICT

WHOLESALE ZONE
MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
97 PUBLICATIONS & LEGAL NOTICES	16	197	35,000	(34,803)	1%
98 COPIER CONTRACT	104	3,835	3,000	835	128%
99 OFFICE EQUIPMENT R&M	183	755	2,000	(1,245)	38%
100 OUTSIDE SERVICES	1,859	18,123	45,000	(26,877)	40%
101 AUDITING	-	2,300	11,900	(9,600)	19%
102 TAX COLLECTION FEES	1	1,156	7,000	(5,844)	17%
103 TREASURER	328	2,625	7,150	(4,525)	37%
104 ACCOUNTING	2,267	12,239	25,500	(13,261)	48%
105 LEGAL	7,234	92,464	45,000	47,464	205%
106 COMPUTER CONSULTING	375	3,890	15,000	(11,110)	26%
107 ENGINEERING-WS	2,243	10,492	45,000	(34,508)	23%
108 LAFCO	-	3,699	8,000	(4,301)	46%
109 UNDERGROUND SERVICE ALERT	40	294	600	(306)	49%
110 BANK CHARGES	-	341	2,000	(1,659)	17%
111 INSURANCE-AUTO & GEN LIABILITY	480	3,655	12,500	(8,845)	29%
112 INSURANCE-PROPERTY	189	1,514	3,750	(2,236)	40%
113 INSURANCE-EMP. FIDELITY BOND	-	-	300	(300)	0%
114 SECURITY	26	184	2,885	(2,701)	6%
115 ELECTION EXPENSE	-	-	40,000	(40,000)	0%
116 MISCELLANEOUS EXP	-	412	500	(88)	82%
117 DIRECTOR- DULEBOHN	258	917	2,500	(1,583)	37%
118 DIRECTOR- BELL	217	775	2,500	(1,725)	31%
119 DIRECTOR- EVERETT	175	408	2,500	(2,092)	16%
120 DIRECTOR- SEARS	-	408	2,500	(2,092)	16%
121 TRANS TO CAPITAL PROJECTS	23,822	190,577	285,865	(95,288)	67%
122 TRANSFER TO (FROM) RESERVES	2,294	18,350	27,525	(9,175)	67%
123 MARKET VALUE ADJUST-INVESTMENT (OP)	4,345	14,545	-	14,545	0%
124 Total EXPENSES:	220,460	3,721,270	6,437,265	(2,715,995)	58%
125 NET INCOME (LOSS) FROM OPERATIONS:	(21,721)	507,526	-	507,526	-
126 OTHER INCOME AND EXPENSE					
127 PRIOR YEARS INCOME (EXPENSES)	-	2,903	-	2,903	-
128 Total OTHER INCOME AND EXPENSE	-	2,903	-	2,903	-
129 NET INCOME (LOSS)	(21,721)	510,429	-	504,622	-

No assurance is provided on these financial statements.

The financial statements do not include a statement of cash flows.

Substantially all disclosures required by accounting principles generally accepted in the United States are not included.

WHOLESALE ZONE CAPITAL PROJECTS

EAST ORANGE COUNTY WATER DISTRICT

2017-2018 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

MONTH: FEBRUARY 2018

REVENUE		MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	FUNDS PROVIDED BY RESERVE	-	-	6,300,000	(6,300,000)	0%
2	CAPITAL PROJECTS REVENUE					
3	PROJECTED CONNECTION FEES	-	-	15,000	(15,000)	0%
4	INTEREST EARNINGS	-	17,921	17,000	921	105%
5	TRANSFER FROM OPERATING EXPENSES	26,116	208,927	245,000	(36,072)	85%
6	TOTAL CAPITAL PROJECTS REVENUE	26,116	226,848	6,577,000	(6,350,151)	-

EXPENSES		MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
7	CAPITAL PROJECTS EXPENSE					
8	185 N. McPHERSON SITE IMPROVEMENTS	19	863	255,000	(254,137)	0%
9	WATER LOSS ANALYSIS/RECOVERY	-	3,131	20,000	(16,869)	16%
10	SECURITY GATE @ 6 MG SITE	-	-	22,000	(22,000)	0%
11	SECURITY SYSTEM @ PETER'S CANYON RESERVOIR	-	-	22,000	(22,000)	0%
12	6 MG RESERVOIR ROOF REPAIRS	-	45,252	700,000	(654,748)	6%
13	CATHODIC PROTECTION-PIPELINES	-	4,824	50,000	(45,177)	10%
14	MCPHERSON OFFICE/YARD IMPROVEMENTS	-	1,058	25,000	(23,943)	4%
15	11.5 MG RESERVOIR CATHODIC PROTECTION SYSTEM	-	14,375	-	14,375	0%
16	FLOW METERING	-	4,476	8,000	(3,524)	56%
17	NEW FIELD TRUCK FOR OPERATIONS	-	-	20,000	(20,000)	0%
18	6 MG LEAK DETECTION SYSTEM	-	-	6,500	(6,500)	0%
19	6 MG RESERVOIR REPLACEMENT	-	-	75,000	(75,000)	0%
20	6 MG TREATMENT PLANT	-	4,800	192,500	(187,700)	2%
21	SECURITY-ANDRES RESERVOIR	-	110	-	110	0%
22	ISOLATION VALVES-11.5 & 1 MG	-	-	35,000	(35,000)	0%
23	SECURITY/REHABILITATION-TURNOUTS	-	-	40,000	(40,000)	0%
24	PIPELINE TESTING	-	-	25,000	(25,000)	0%
25	TURNOUT REPAIRS (WALNUT)	-	-	260,000	(260,000)	0%
26	LOW DEMAND WATER QUALITY STUDY	5,571	27,583	130,000	(102,417)	21%
27	SEDARU IMPROVEMENTS	6,612	6,987	5,000	1,987	140%
28	SCADA SYSTEM IMPROVEMENTS	-	-	15,000	(15,000)	0%
29	RECORDS MANAGEMENT	-	2,296	8,000	(5,704)	29%
30	TOTAL CAPITAL PROJECTS EXPENSE	12,203	115,754	1,914,000	(1,798,246)	6%
31	NET INCOME (LOSS) FROM CAPITAL PROJECTS	13,913	111,094	4,663,000	(4,551,905)	2%
32	PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
33	NET INCOME (LOSS) FROM CAPITAL PROJECTS	13,913	111,094	4,663,000	(4,551,905)	-

EAST ORANGE COUNTY WATER DISTRICT

Capital Projects Detail

WHOLESALE ZONE

MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 FUNDED BY RESERVES	-	-	6,300,000	(6,300,000)	0%
2 PROJECTED CONNECTION FEES	-	-	15,000	(15,000)	0%
3 INTEREST-LAIF-CAP	-	17,921	17,000	921	105%
4 TRANSFER FROM WZ OPERATIONS EXPENSES	2,294	18,350	45,000	(26,650)	41%
5 TRANSFER FROM CAPITAL RESERVES	23,822	190,577	200,000	(9,423)	95%
6 TOTAL CAPITAL PROJECTS REVENUE:	26,116	226,848	6,577,000	(6,350,152)	-

EXPENSES

7 185 N. McPHERSON SITE PLANNING/ENG.	-	-	50,000	(50,000)	0%
8 185 N. McPHERSON SITE IMPROVE - CONSTR.	19	863	200,000	(199,137)	0%
9 185 N. McPHERSON SITE IMPROVE - LABOR	-	-	5,000	(5,000)	0%
10 WATER LOSS ANALYSIS/RECOVERY	-	3,131	20,000	(16,869)	16%
11 SECURITY GATE AT 6 MG SITE - CONSTR.	-	-	20,000	(20,000)	0%
12 SECURITY GATE AT 6 MG SITE - LABOR	-	-	2,000	(2,000)	0%
13 SECURITY SYSTEM @ PETERS CANYON RES. - CONSTR.	-	-	20,000	(20,000)	0%
14 SECURITY SYSTEM @ PETERS CANYON RES. - LABOR	-	-	2,000	(2,000)	0%
15 6 MG RESERVOIR ROOF REPAIRS-ENG	-	11,002	75,000	(63,998)	15%
16 6 MG RESERVOIR ROOF REPAIRS-CON	-	34,250	600,000	(565,750)	6%
17 6 MG RESERVOIR ROOF REPAIRS-LABOR	-	-	25,000	(25,000)	0%
18 CATHODIC PROTECTION-PIPELINES-ENG	-	4,824	15,000	(10,177)	32%
19 CATHODIC PROTECTION-PIPELINES-CON	-	-	30,000	(30,000)	0%
20 CATHODIC PROTECTION-PIPELINES-LABOR	-	-	5,000	(5,000)	0%
21 MCPHERSON OFFICE/YARD IMPROVEMENTS-CONSTR.	-	1,058	20,000	(18,943)	5%
22 MCPHERSON OFFICE/YARD IMPROVEMENTS-LABOR	-	-	5,000	(5,000)	0%
23 11.5 MG RES. CATHODIC PROTECT SYSTEM-ENG.	-	550	-	550	0%
24 11.5 MG RES. CATHODIC PROTECT SYSTEM-CONSTR.	-	13,825	-	13,825	0%
25 FLOW METERING - ENGINEERING	-	4,328	2,000	2,328	216%
26 FLOW METERING - CONSTRUCTION	-	148	5,000	(4,852)	3%
27 FLOW METERING - LABOR	-	-	1,000	(1,000)	0%
27 NEW TRUCK FOR FIELD OPERATIONS	-	-	20,000	(20,000)	0%
28 6 MG RESERVOIR LEAK DETECT SYSTEM - ENG.	-	-	1,000	(1,000)	0%
29 6 MG RESERVOIR LEAK DETECT SYSTEM - CONSTR.	-	-	5,000	(5,000)	0%
30 6 MG RESERVOIR LEAK DETECT SYSTEM - LABOR	-	-	500	(500)	0%
31 6 MG RESERVOIR REPLACEMENT - ENG.	-	-	75,000	(75,000)	0%
32 6 MG TREATMENT PLANT - ENGINEERING/INSTUTIONAL	-	-	112,500	(112,500)	0%
33 6 MG TREATMENT PLANT - CEQA	-	-	75,000	(75,000)	0%
34 6 MG TREATMENT PLANT - LABOR	-	-	5,000	(5,000)	0%
35 SECURITY-ANDRES RESERVOIR-ENG.	-	110	-	110	0%
36 ISOLATION VALVES-11.5 & 1 MG-ENG.	-	-	5,000	(5,000)	0%
37 ISOLATION VALVES-11.5 & 1 MG-CONSTR.	-	-	20,000	(20,000)	0%
38 ISOLATION VALVES-11.5 & 1 MG-LABOR	-	-	10,000	(10,000)	0%
39 SECURITY/REHABILITATION-TURNOUTS-ENG.	-	-	10,000	(10,000)	0%
40 SECURITY/REHABILITATION-TURNOUTS-CONSTR.	-	-	20,000	(20,000)	0%
41 SECURITY/REHABILITATION-TURNOUTS-LABOR	-	-	10,000	(10,000)	0%
42 PIPELINE TESTING	-	-	25,000	(25,000)	0%
43 TURNOUT REPAIRS (WALNUT) - CONSTR.	-	-	200,000	(200,000)	0%
44 TURNOUT REPAIRS (WALNUT) - LABOR	-	-	10,000	(10,000)	0%
45 TURNOUT REPAIRS (WALNUT) - ENG.	-	-	50,000	(50,000)	0%
46 WZ LOW DEMAND WATER QUALITY STUDY	5,571	27,583	130,000	(102,417)	21%
47 SEDARU IMPROVEMENTS	6,612	6,987	5,000	1,987	140%

EAST ORANGE COUNTY WATER DISTRICT

Capital Projects Detail

WHOLESALE ZONE

MONTH: FEBRUARY 2018

	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
DESCRIPTION					
48 SCADA SYSTEM IMPROVEMENTS	-	-	15,000	(15,000)	0%
49 RECORDS MANAGEMENT	-	2,296	8,000	(5,704)	29%
50 TOTAL CAPITAL PROJECTS EXPENSE:	12,203	115,754	1,914,000	(1,798,246)	6%
51 NET INCOME (LOSS) FROM CAPITAL PROJECTS	13,913	111,094	4,663,000	(4,551,906)	-

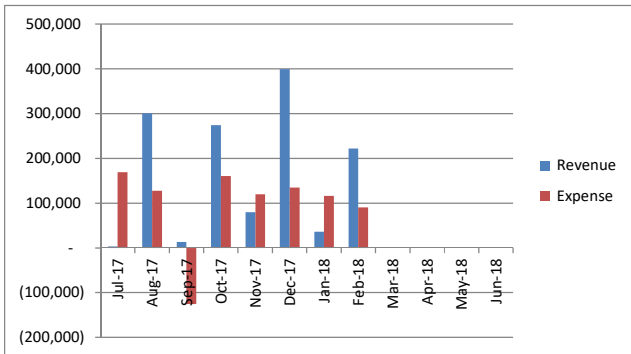
Retail Zone Financial Summary

For Period Ending February 28, 2018

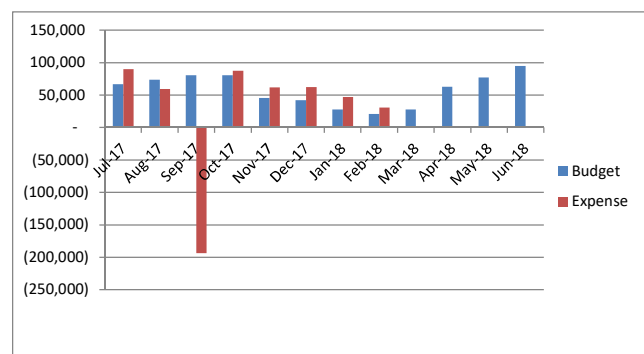
YTD Operating Income \$ 1,328,074

YTD Operating Expense \$ 794,005

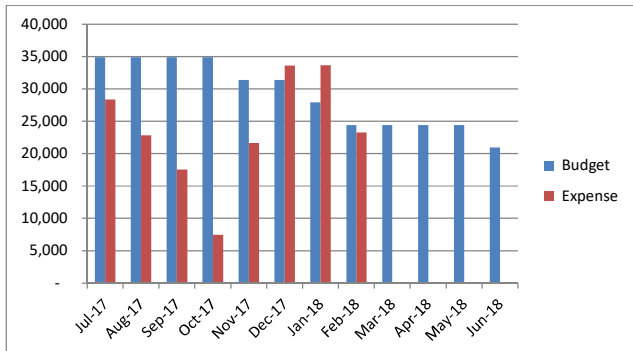
Revenue vs Expenses



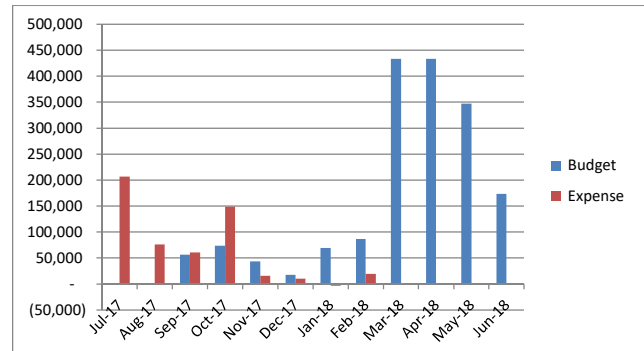
Water Purchased Budget vs. Actual



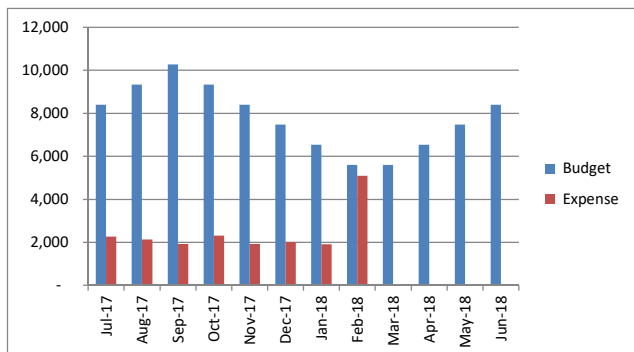
Salaries & Benefits Budget vs. Actual



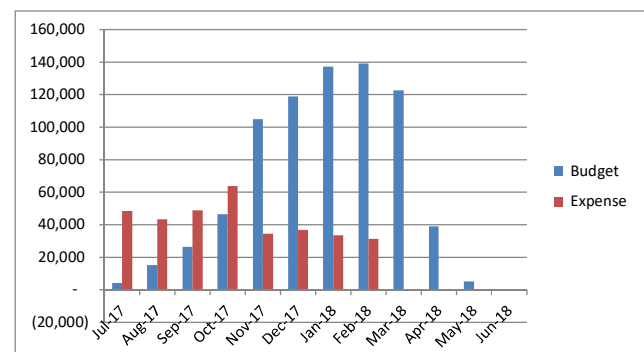
CIP Budget vs. Actual



Electrical Budget vs. Actual



O&M Budget vs. Actual



RETAIL ZONE

EAST ORANGE COUNTY WATER DISTRICT

2017-2018 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

MONTH: FEBRUARY 2018

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	OPERATING REVENUE:					
2	WATER SALES	151,791	760,367	1,050,000	(289,633)	72%
3	METER CHARGE	69,649	277,240	409,000	(131,760)	68%
4	OTHER CHARGES	(180)	8,235	10,600	(2,365)	78%
5	TOTAL OPERATING REVENUE:	221,260	1,045,843	1,469,600	(423,757)	71%
6	NON-OPERATING REVENUE:					
7	PROPERTY TAXES*	798	264,113	430,100	(165,987)	61%
8	INTEREST & INVESTMENT EARNINGS	46	8,279	4,100	4,179	202%
9	MISCELLENOUS INCOME	-	9,839	500	9,339	1968%
10	DISPOSAL OF ASSET GAIN (LOSS)	-	-	-	-	0%
11	TOTAL NON-OPERATING REVENUES, NET	844	282,231	434,700	(152,469)	65%
12	TOTAL REVENUES	222,104	1,328,074	1,904,300	(576,226)	70%

* The majority of property taxes and sewer service fees are received in December and April, causing the budget percentages to be uneven

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
13	OPERATING EXPENSE:					
14	SOURCE OF SUPPLY	25,434	203,437	572,200	(368,763)	36%
15	MET/MWDOC FIXED CHARGE	1,219	9,312	13,635	(4,323)	68%
16	WZ FIXED CHARGE	2,462	19,673	30,450	(10,777)	65%
17	PIPELINE CAPACITY LEASE	1,615	13,071	85,625	(72,554)	15%
18	ENERGY	4,955	18,313	88,850	(70,537)	21%
19	OPERATIONS & MAINTENANCE	30,056	303,171	623,220	(320,049)	49%
20	GENERAL & ADMINISTRATIVE	14,604	146,244	368,160	(221,916)	40%
21	TRANSFER TO CAPITAL PROJECTS EXPENSE	5,295	42,363	63,545	(21,182)	67%
22	RETAIL OPERATIONS CONTINGENCY FUND	3,969	31,753	47,630	(15,877)	67%
23	FUNDED TO/BY RESERVE	833	6,667	10,000	(3,333)	67%
24	DEPRECIATION & AMORTIZATION	-	-	-	-	0%
25	TOTAL OPERATING EXPENSE	90,443	794,005	1,903,315	(1,109,310)	42%
26	NET INCOME (LOSS) FROM OPERATIONS	131,661	534,069	985	533,084	-
27	PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
28	NET INCOME (LOSS)	131,661	534,069	985	533,084	-

RETAIL ZONE

February 2018 Variance Report - 67% of Budget Year

Account Name	Income(I) Expense (E)	YTD Amount (\$)	% Received or Spent	Comments
Operating				
<i>New</i>				
Ongoing				
INTEREST INCOME-MM	I	376	376%	YTD is over budget due to receiving more interest than anticipated.
MISCELLANEOUS INCOME	I	9,839	1968%	YTD is over budget due to refunds received from MWDOC for the budget based tiered rate grant admissions and the Urban Water Management Plan (2015).
TAXES UNSECURED	I	10,394	69%	YTD is at 69% due to timing of receipts.
RECORDS MANAGEMENT	E	3,835	128%	YTD is over budget due to the costs associated with the scanning project for District documents.
REGULATORY PERMITS	E	6,937	90%	YTD is at 90% due to SWRCB fees paid for the 2018 fiscal year in the prior month. These fees are on a cash basis due to their unpredictable nature.
TREASURER	E	2,625	53%	YTD is under budget due to budgeted fund amount being 32% of total Treasurer budget, and bookkeeping being allocated at 25%.
ACCOUNTING	E	12,239	45%	YTD is under budget due to budgeted fund amount being 40% of total Accounting budget, and bookkeeping being allocated at 25%.
HYDRANT REPAIR & REPLACEMENTS	E	16,494	102%	YTD is over budget due to the fire hydrant purchased and installed on Fisher Lane.
LEGAL	E	37,977	109%	YTD is over budget due to a legal dispute for Petition for Writ of Mandate complaint, the disputes involving the AT&T lease, and the dispute with retail zone customer Nguyen.
WATER PURCHASED	E	17,242	7%	YTD is at 7% due to in-lieu credits received from MWDOC applied to Retail Zone water bills.
METER TESTING	E	1,970	197%	YTD is over budget due to higher than expected costs for various meter testing.
ACC-OC	E	500	100%	Dues for FY18 were paid in full to the Association of California Cities in July 2017.
LAFCO	E	3,699	74%	YTD is under budget due to more allocations to other funds.
Capital Projects				
<i>New</i>				
SEDARU IMPROVEMENTS	E	20,962	210%	YTD is over budget due to higher than expected costs for tasks 1-11 to the Sedaru system for the Retail Zone.
Ongoing				
INTEREST-LAIF-CAP	I	7,625	1525%	YTD is over budget due to more interest received than anticipated.
STOLLER LANE PIPELINE REPLACEMENT-ENG.	E	24,585	123%	YTD is over budget due to higher than expected engineering costs, and the timing of these services provided for the Stoller Lane project.
STOLLER LANE PIPELINE REPLACEMENT-CONSTR.	E	267,413	99%	YTD is at 99% of budget due to timing of services provided for the Stoller and Alexander Lane water improvement project.
CRAWFORD PIPELINE RELOCATION-ENG.	E	7,698	77%	YTD is at 77% of budget due to timing of engineering services.
CRAWFORD PIPELINE RELOCATION-CONSTR.	E	169,160	88%	YTD is AT 88% of budget due to higher than expected costs, and the timing of construction for the Crawford Pipeline relocation.

EAST ORANGE COUNTY WATER DISTRICT**RETAIL ZONE****MONTH: FEBRUARY 2018**

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 WATER SALES	151,791	760,367	1,050,000	(289,633)	72%
2 METER CHARGE	69,649	277,240	409,000	(131,760)	68%
3 LATE CHARGE	(180)	7,275	11,000	(3,725)	66%
4 RETURNED CHECK CHARGE	-	210	1,000	(790)	21%
5 TURN OFF CHARGE	-	250	600	(350)	42%
6 UNCOLLECTIBLE ACCOUNTS	-	-	(2,000)	2,000	0%
7 Total OPERATING REVENUE:	221,260	1,045,843	1,469,600	(423,757)	71%
8 INTEREST INCOME-MM	46	376	100	276	376%
9 INTEREST-LAIF-OP	-	7,903	4,000	3,903	198%
10 TAXES SECURED*	-	239,054	375,000	(135,946)	64%
11 TAXES UNSECURED	-	10,394	15,100	(4,706)	69%
12 TAXES SUPPLEMENTAL ROLL	663	7,464	9,900	(2,436)	75%
13 TAXES PRIOR YEARS	135	2,378	3,900	(1,522)	61%
14 TAXES HOMEOWNER'S SUBVENTION	-	1,163	1,900	(737)	61%
15 TAXES PUBLIC UTILITY	-	3,660	4,300	(640)	85%
16 TAXES TUSTIN RDA	-	-	20,000	(20,000)	0%
17 DISPOSAL OF ASSETS GAIN(LOSS)	-	-	-	-	0%
18 MISCELLANEOUS INCOME	-	9,839	500	9,339	1968%
19 Total NON OPERATING INCOME:	844	282,231	434,700	(152,469)	65%
20 Total REVENUE	222,104	1,328,074	1,904,300	(576,226)	70%
NET OPERATING INCOME:	222,104	1,328,074	1,904,300	(576,226)	0%

* The majority of property taxes and sewer service fees are received in December and April, causing the budget percentages to be uneven

EXPENSES

21 WATER PURCHASED	861	17,242	230,000	(212,758)	7%
22 OCWD- REPLENISH ASSESSMENT	24,573	186,195	342,200	(156,005)	54%
23 MET-MWDOC READINESS TO SERVE	451	3,470	40,000	(36,530)	9%
24 MET-MWDOC CAPACITY FEES	1,164	9,601	20,000	(10,399)	48%
25 MET-MWDOC CHOICE	-	-	25,625	(25,625)	0%
26 MWDOC RETAIL SERVICE CONNECT	1,219	9,312	13,635	(4,323)	68%
27 EOCWD WR RESERVE FUND CHARGE	854	6,825	10,560	(3,735)	65%
28 EOCWD WR READINESS TO SERVE	1,608	12,848	19,890	(7,042)	65%
29 UTILITY STOLLER RESERVOIR	2,839	3,924	52,325	(48,401)	7%
30 UTILITY VISTA PANORAMA BOOSTER	250	2,634	9,225	(6,591)	29%
31 UTILITIES- WELLS- EAST/WEST	1,867	11,756	27,300	(15,544)	43%
32 SMALL TOOLS	100	1,727	4,100	(2,373)	42%
33 GASOLINE, OIL & DIESEL FUEL	463	3,684	6,800	(3,116)	54%
34 REGULATORY PERMITS	1	6,937	7,690	(753)	90%
35 PROF SERV WATER QUAL. CONTROL	570	5,370	21,020	(15,650)	26%
36 CHLORINE GENERATOR/SALT PURCH	-	-	1,230	(1,230)	0%
37 WEST WELL MAINTENANCE	-	199	5,125	(4,926)	4%
38 EAST WELL MAINTENANCE	-	454	10,250	(9,796)	4%
39 STOLLER RESERVOIR/BOOSTER R&M	-	-	9,225	(9,225)	0%
40 VISTA PANORAMA BOOSTER R&M	-	-	4,305	(4,305)	0%
41 R&M VISTA PANORAMA RESERVOIR	-	1,126	10,000	(8,874)	11%
42 CHLORINE GENERATOR	-	-	6,000	(6,000)	0%
43 SCADA REPAIR/UPGRADE	-	-	12,300	(12,300)	0%

EAST ORANGE COUNTY WATER DISTRICT**RETAIL ZONE****MONTH: FEBRUARY 2018**

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
44 OPERATIONS REPORTING SOFTWARE	432	3,456	18,000	(14,544)	19%
45 HYDRANT REPAIR & REPLACEMENTS	443	16,494	16,100	394	102%
46 METER PURCHASE REPAIR	185	4,744	21,000	(16,256)	23%
47 PRV- R & M	-	-	2,000	(2,000)	0%
48 R/M- MAINS	214	7,315	30,500	(23,185)	24%
49 SERVICE LATERALS R&M	-	6,588	25,500	(18,912)	26%
50 RESERVOIRS R&M	-	736	10,250	(9,514)	7%
51 R/M- VAULTS	-	-	1,500	(1,500)	0%
52 R/M- CATHODIC PROTECTION	-	-	5,100	(5,100)	0%
53 METER TESTING	-	1,970	1,000	970	197%
54 EQUIPMENT RENTAL	1,769	13,989	22,450	(8,461)	62%
55 EQUIPMENT MAINTENANCE	-	108	4,500	(4,392)	2%
56 VEHICLES R&M	347	2,923	5,000	(2,077)	58%
57 BUILDING/GROUNDS R&M	11	468	4,500	(4,032)	10%
58 WAGES	17,759	162,370	225,000	(62,630)	72%
59 PAYROLL TAXES- FICA & MEDICARE	1,417	11,270	15,700	(4,430)	72%
60 PERS Classic(ER-Contribution)	1,253	10,390	15,500	(5,110)	67%
61 PERS Classic (ER-paid member)	336	3,368	15,500	(12,132)	22%
62 PERS PEPRA (ER)	462	3,913	7,000	(3,087)	56%
63 PERS Unfunded	818	6,579	5,700	879	115%
64 PERS Classic (Employee)	(446)	(3,656)	(4,000)	344	91%
65 PERS PEPRA (Employee)	(229)	(2,049)	(3,000)	951	68%
66 PAYROLL TAXES- SUI & ETT	15	432	3,000	(2,568)	14%
67 HEALTH & ACCIDENT INSURANCE	3,175	24,727	58,000	(33,273)	43%
68 DENTAL INSURANCE	193	1,546	4,500	(2,954)	34%
69 VISION INSURANCE	47	377	1,000	(623)	38%
70 LIFE INSURANCE	20	154	500	(346)	31%
71 WORKER'S COMP INSURANCE	660	4,847	7,500	(2,653)	65%
72 EDUCATIONAL REIMBURSEMENTS	-	271	3,075	(2,804)	9%
73 UNIFORMS	41	345	2,800	(2,455)	12%
74 DISTRICT WEBSITE	24	192	10,000	(9,808)	2%
75 MCPHERSON FAX	-	61	300	(239)	20%
76 MCPHERSON INTERNET	45	360	3,000	(2,640)	12%
77 MCPHERSON OFFICE PHONES	-	499	3,800	(3,301)	13%
78 ANSWERING SERVICE	-	62	200	(138)	31%
79 PHONE CIRCUITS TO CTRL EQUIP	217	1,179	4,000	(2,821)	29%
80 CELLPHONES	137	1,083	1,900	(817)	57%
81 UNDERGROUND SERVICE ALERT	40	294	600	(306)	49%
82 TRAINING/SCHOOLS	556	2,786	10,000	(7,214)	28%
83 CONSERVATION EDUCATION	255	7,620	30,000	(22,380)	25%
84 TRAVEL-CONF/SEMINARS	-	3,787	13,325	(9,538)	28%
85 MILEAGE	-	152	2,000	(1,848)	8%
86 DUES & MEMBERSHIPS- ACWA	438	3,369	4,300	(931)	78%
87 DUES & MEMBERSHIPS- OCWA	-	35	100	(65)	35%
88 DUES & MEMBERSHIPS- AWWA	98	220	500	(280)	44%
89 DUES & MEMBERSHIP- FCA	-	-	100	(100)	0%
90 DUES & MEMBERSHIP-CSDA	143	334	3,600	(3,266)	9%
91 DUES- ISDOC/URBAN WTR	25	488	1,000	(512)	49%
92 URBAN WATER INSTITUTE	-	-	350	(350)	0%
93 ACC-OC	-	500	500	-	100%
94 MISCELLANEOUS EXP	-	-	1,000	(1,000)	0%
95 DIRECTOR- DULEBOHN	258	917	2,500	(1,583)	37%
96 DIRECTOR- BELL	217	775	2,500	(1,725)	31%

EAST ORANGE COUNTY WATER DISTRICT

RETAIL ZONE
MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
97 DIRECTOR- EVERETT	175	408	2,500	(2,092)	16%
98 DIRECTOR- SEARS	-	408	2,500	(2,092)	16%
99 BOARD MEETING EXPENSE	27	667	2,100	(1,433)	32%
100 POSTAGE	582	2,515	5,100	(2,585)	49%
101 OFFICE SUPPLY/FURN/SMALL EQUIP	127	1,302	10,000	(8,698)	13%
102 PUBLICATIONS & LEGAL NOTICES	16	197	20,000	(19,803)	1%
103 RECORDS MANAGEMENT	104	3,835	3,000	835	128%
104 VERSATERM CONTRACT (RZ BILLS)	-	636	5,100	(4,464)	12%
105 BANK CHARGES	1,338	6,150	8,200	(2,050)	75%
106 OUTSIDE SERVICES	1,859	18,318	30,000	(11,682)	61%
107 AUDITING	-	2,300	12,000	(9,700)	19%
108 TAX COLLECTION FEES	0	650	7,500	(6,850)	9%
109 COMPUTER BILLING (RZ BILLS)	778	4,571	8,500	(3,929)	54%
110 TREASURER	328	2,625	5,000	(2,375)	53%
111 ACCOUNTING	2,267	12,239	27,000	(14,761)	45%
112 LEGAL	1,218	37,977	35,000	2,977	109%
113 COMPUTER CONSULTING	375	3,890	7,500	(3,610)	52%
114 ENGINEERING-RZ	1,948	11,666	45,000	(33,334)	26%
115 LAFCO	-	3,699	5,000	(1,301)	74%
116 INSURANCE-AUTO & GEN LIABILITY	480	3,655	9,000	(5,345)	41%
117 INSURANCE-PROPERTY	189	1,514	2,000	(486)	76%
118 INSURANCE-EMP. FIDELITY BOND	-	-	700	(700)	0%
119 OFFICE EQUIPMENT R&M	165	737	1,500	(763)	49%
120 UTILITIES-DUMPSTER	13	119	500	(381)	24%
121 UTILITIES- OFFICE- ELECT & WTR	136	1,268	4,500	(3,232)	28%
122 SECURITY/SAFETY	26	184	3,385	(3,201)	5%
123 ELECTION EXPENSE	-	-	10,000	(10,000)	0%
124 TRANS TO CAPITAL PROJECTS	5,295	42,363	63,545	(21,182)	67%
125 RZ- CONTINGENCY FUND	3,969	31,753	47,630	(15,877)	67%
126 FUNDED TO/BY RESERVE-RZ	833	6,667	10,000	(3,333)	67%
127 TOTAL OPERATING EXPENSES:	90,443	794,005	1,903,315	(1,109,310)	42%
128 NET INCOME (LOSS) FROM OPERATIONS:	131,661	534,069	985	533,084	-
129 PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
130 PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
131 Total OTHER INCOME AND EXPENSES	-	-	-	-	-
132 NET INCOME (LOSS)	131,661	534,069	985	533,084	-

No assurance is provided on these financial statements.

The financial statements do not include a statement of cash flows.

Substantially all disclosures required by accounting principles generally accepted in the United States are not included.

RETAIL ZONE CAPITAL PROJECTS

EAST ORANGE COUNTY WATER DISTRICT

2017-2018 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

MONTH: FEBRUARY 2018

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	FUNDS PROVIDED BY RESERVE	-	-	2,683,950	(2,683,950)	0%
2	CAPITAL PROJECTS REVENUE					
3	CAPITAL PROJECTS FEES	53,633	213,280	310,000	(96,720)	69%
4	CONNECTION FEES	9,508	9,508	15,000	(5,492)	63%
5	INTEREST EARNINGS	-	7,625	500	7,125	1525%
6	TRANSFER FROM OPERATING EXPENSES	6,129	49,030	73,545	(24,515)	67%
7	TOTAL CAPITAL PROJECTS REVENUE	69,270	279,443	3,082,995	(2,803,552)	-

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
8	CAPITAL PROJECTS EXPENSES					
9	WATER LOSS RECOVERY PROGRAM (WSO)	-	-	20,000.00	(20,000.00)	0%
10	185 MCPHERSON IMPROVEMENTS-ENG.	19	1,920	156,000	(154,080)	1%
11	NEW VEHICLE FOR FIELD OPERATIONS	-	-	20,000	(20,000)	0%
12	VISTA PANORAMA RESERVOIR REPAIR	-	6,076	535,000	(528,924)	1%
13	VALVE RAISING-CRAWFORD CANYON	-	-	26,000	(26,000)	0%
14	VALVE REPLACEMENTS	-	-	20,000	(20,000)	0%
15	ALLOWANCE FOR SYSTEM RELOCATIONS	-	-	210,000	(210,000)	0%
16	BACKUP GENERATOR FOR VP BOOSTER STATION	-	-	90,500	(90,500)	0%
17	GENERATOR TRANSFER SWITCH @ EAST/WEST WELL	-	-	15,000	(15,000)	0%
18	GENERATOR TRANSFER SWITCH @ BARRETT BOOSTER STATION	-	-	15,000	(15,000)	0%
19	6" MAG METERS @ BARRET PRVS	-	-	15,000	(15,000)	0%
20	BARRETT RES. 75HP/150HP BOOSTER PUMP REPLACEMENTS	-	-	45,000	(45,000)	0%
21	STOLLER LANE PIPELINE REPLACEMENT	-	291,998	310,000	(18,002)	94%
22	CRAWFORD CANYON PIPELINE RELOCATION	-	176,858	210,000	(33,142)	84%
23	SYSTEM PRV-CIRCULA PANORAMA/ORANGE KNOLL	-	34,801	-	34,801	0%
24	SCADA SYS. SITE ADDS - VP SIDEHILL AND RZ FIRE PUMP	-	-	30,000	(30,000)	0%
25	SEDARU IMPROVEMENTS	19,837	20,962	10,000	10,962	210%
26	RECORDS MANAGEMENT	-	2,296	6,000	(3,704)	38%
27	TOTAL CAPITAL PROJECTS EXPENSE	19,856	534,911	1,733,500	(1,198,589)	31%
28	NET INCOME (LOSS) FROM CAPITAL PROJECTS	49,414	(255,468)	1,349,495	(1,604,963)	-
29	PRIOR YEARS EXPENSES	-	-	-	-	-
30	NET INCOME (LOSS) FROM CAPITAL PROJECTS	49,414	(255,468)	1,349,495	(1,604,963)	-

EAST ORANGE COUNTY WATER DISTRICT

Capital Projects Detail

RETAIL ZONE

MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 FUNDED BY RESERVES	-	-	2,683,950	(2,683,950)	0%
2 WATER SALES-CAPITAL PROJECTS	53,633	213,280	310,000	(96,720)	69%
3 CONNECTION FEES	9,508	9,508	15,000	(5,492)	63%
4 INTEREST-LAIF-CAP	-	7,625	500	7,125	1525%
5 TRANSFER IN CAPITAL PROJECTS	5,295	42,363	63,545	(21,182)	67%
6 TRANSFER IN CAPITAL RESERVES	833	6,667	10,000	(3,333)	67%
7 TOTAL CAPITAL PROJECTS REVENUE:	69,270	279,443	3,082,995	(2,803,552)	-
EXPENSES					
8 WATER LOSS RECOVERY PROGRAM (WSO)	-	-	20,000	(20,000)	0%
9 185 MCPHERSON IMPROVEMENTS-ENG.	-	-	50,000	(50,000)	0%
10 185 MCPHERSON IMPROVEMENTS-CONSTR.	19	1,920	100,000	(98,080)	2%
11 185 MCPHERSON IMPROVEMENTS-LABOR	-	-	6,000	(6,000)	0%
12 NEW VEHICLE FOR FIELD OPERATIONS	-	-	20,000	(20,000)	0%
13 VP RESERVOIR REHAB/POWER SUPPLY-ENG.	-	6,076	75,000	(68,924)	8%
14 VISTA PANORAMA RESERVOIR REHAB/POWER SUPPLY	-	-	450,000	(450,000)	0%
15 VISTA PANORAMA RESERVOIR REHAB/POWER SUPPLY	-	-	10,000	(10,000)	0%
16 VALVE RAISING - CRAWFORD CANYON-ENG.	-	-	1,500	(1,500)	0%
17 VALVE RAISING - CRAWFORD CANYON-CONSTR.	-	-	23,000	(23,000)	0%
18 VALVE RAISING - CRAWFORD CANYON-LABOR	-	-	1,500	(1,500)	0%
19 VALVE REPLACEMENTS-SYSTEM-CONSTR.	-	-	15,000	(15,000)	0%
20 VALVE REPLACEMENTS-SYSTEM-LABOR	-	-	5,000	(5,000)	0%
21 ALLOWANCE FOR SYSTEM RELOCATIONS-ENG.	-	-	20,000	(20,000)	0%
22 ALLOWANCE FOR SYSTEM RELOCATIONS-CONSTR.	-	-	180,000	(180,000)	0%
23 ALLOWANCE FOR SYSTEM RELOCATIONS-LABOR	-	-	10,000	(10,000)	0%
24 BACKUP GENERATOR FOR VP BOOSTER STATION-ENG.	-	-	20,000	(20,000)	0%
25 BACKUP GENERATOR FOR VP BOOSTER STATION-CONSTR.	-	-	70,000	(70,000)	0%
26 BACKUP GENERATOR FOR VP BOOSTER STATION-LABOR	-	-	500	(500)	0%
27 GEN. TRANSFER SWITCH-EAST/WEST WELL	-	-	15,000	(15,000)	0%
28 GEN. TRANSFER SWITCH-BARRETT STATION	-	-	15,000	(15,000)	0%
29 6" MAG METERS @ BARRETT PRVS-CONSTR.	-	-	10,000	(10,000)	0%
30 6" MAG METERS @ BARRETT PRVS-LABOR	-	-	5,000	(5,000)	0%
31 BARRETT RES. 75/150HP PUMP REPLACE-CONSTR.	-	-	40,000	(40,000)	0%
32 BARRETT RES. 75/150HP PUMP REPLACE-LABOR	-	-	5,000	(5,000)	0%
33 STOLLER LANE PIPELINE REPLACEMENT-ENG.	-	24,585	20,000	4,585	123%
34 STOLLER LANE PIPELINE REPLACEMENT-CONSTR.	-	267,413	270,000	(2,587)	99%
35 STOLLER LANE PIPELINE REPLACEMENT-LABOR	-	-	20,000	(20,000)	0%
36 CRAWFORD PIPELINE RELOCATION-ENG.	-	7,698	10,000	(2,303)	77%
37 CRAWFORD PIPELINE RELOCATION-CONSTR.	-	169,160	192,000	(22,840)	88%
38 CRAWFORD PIPELINE RELOCATION-LABOR	-	-	8,000	(8,000)	0%
39 PRV-CIRCULA PANORAMA/ORANGE KNOLL-ENG.	-	4,147	-	4,147	0%
40 PRV-CIRCULA PANORAMA/ORANGE KNOLL-CONSTR.	-	30,654	-	30,654	0%
41 SCADA SYS. SITE ADD'S-VP SIDEHILL/RZ FIRE PUMP	-	-	30,000	(30,000)	0%
42 SEDARU IMPROVEMENTS	19,837	20,962	10,000	10,962	210%
43 RECORDS MANAGEMENT	-	2,296	6,000	(3,704)	38%
44 TOTAL CAPITAL PROJECTS EXPENSE:	19,856	534,911	1,733,500	(1,198,589)	-
45 NET INCOME (LOSS) FROM CAPITAL PROJECTS:	49,414	(255,468)	1,349,495	(1,604,963)	-

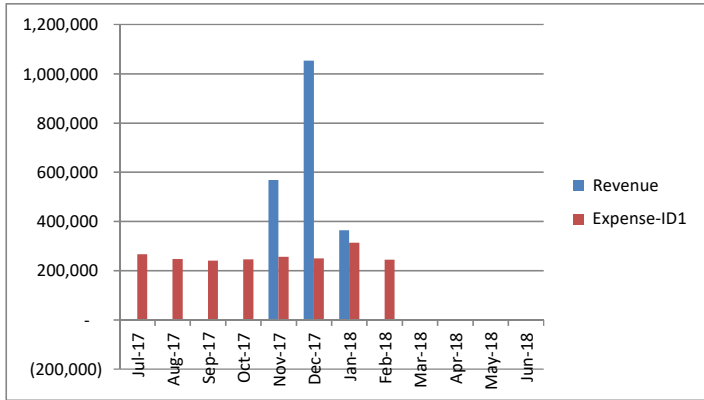
Sewer Financial Summary

For Period Ending February 28, 2018

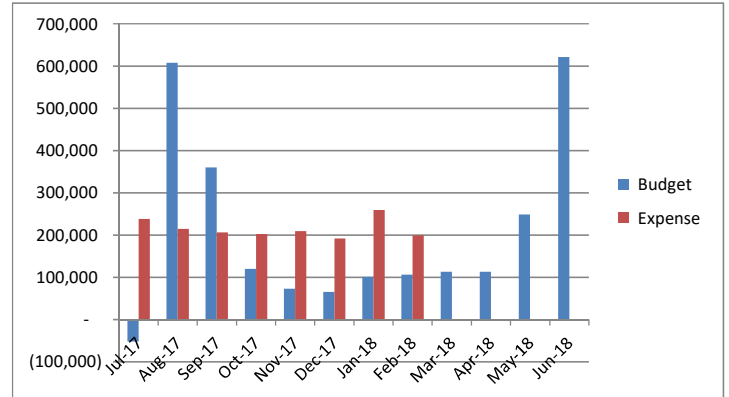
YTD Operating Income \$ 1,988,616

YTD Operating Expense \$ 2,062,989

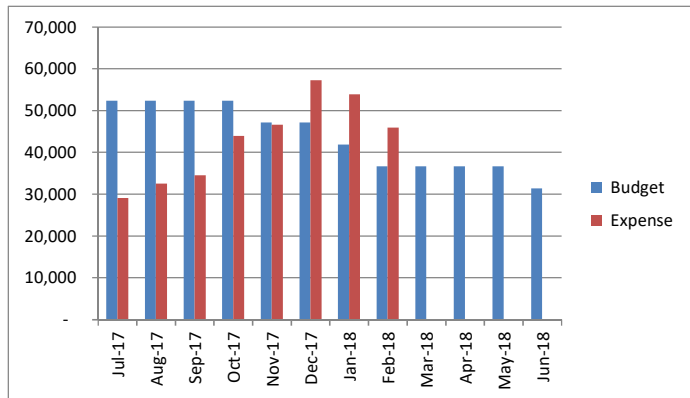
Revenue vs. Expenses



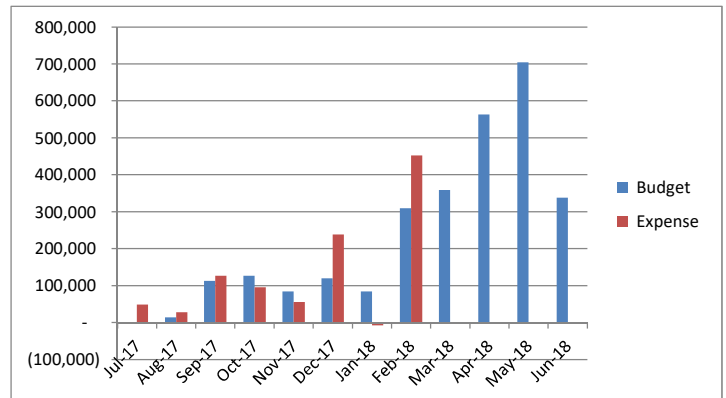
O&M Budget vs. Actual



Salaries & Benefits Budget vs. Actual



CIP Budget & Actual



SEWER OPERATING

EAST ORANGE COUNTY WATER DISTRICT
2017-2018 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
MONTH: FEBRUARY 2018

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	OPERATING REVENUE:					
2	SEWER SERVICE FEES	-	1,786,571	2,680,000	(893,429)	67%
3	CONNECTION FEE	400	400	-	400	0%
4	OTHER CHARGES	-	4,000	-	4,000	0%
5	UNCOLLECTIBLE ACCOUNTS	-	-	(2,000)	2,000	0%
6	SYSTEM SEPTIC FEES	-	-	-	-	0%
7	TOTAL OPERATING REVENUE:	400	1,790,971	2,678,000	(887,029)	67%
8	NON-OPERATING REVENUES (EXPENSES):					
9	PROPERTY TAXES*	492	192,955	310,000	(117,045)	62%
10	INTEREST & INVESTMENT EARNINGS	-	-	12,000	(12,000)	0%
11	MISCELLENOUS INCOME (EXPENSE)	1,860	4,690	-	4,690	0%
12	TOTAL NON-OPERATING REVENUES, NET	2,352	197,645	322,000	(124,355)	61%
13	TOTAL REVENUES	2,752	1,988,616	3,000,000	(1,011,384)	66%

* The majority of property taxes and sewer service fees are received in December and April, causing the budget percentages to be uneven

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
14	OPERATING EXPENSE:					
15	SALARIES	33,385	251,468	371,000	(119,532)	68%
16	TAXES AND BENEFITS	12,414	92,007	160,700	(68,693)	57%
17	OPERATIONS & MAINTENANCE	4,418	70,165	119,300	(49,135)	59%
18	GENERAL & ADMINISTRATIVE	52,551	467,095	641,620	(174,525)	73%
19	TRANSFER TO CAPITAL PROJECTS EXPENSE & RESERVES	133,907	1,071,253	1,606,880	(535,627)	67%
20	DEPRECIATION & AMORTIZATION	8,375	67,000	100,500	(33,500)	67%
21	MARKET VALUE ADJUSTMENT ON INVESTMENTS	-	-	-	-	0%
22	TOTAL OPERATING EXPENSE	245,051	2,018,989	3,000,000	(981,011)	67%
23	NET INCOME (LOSS) FROM OPERATIONS	(242,299)	(30,373)	-	(30,373)	-
24	PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
25	NET INCOME (LOSS)	(242,299)	(30,373)	-	(30,373)	-

SEWERS

February 2018 Variance Report - 67% of Budget Year

Account Name	Income(I) Expense (E)	YTD Amount (\$)	% Received or Spent	Comments
Operating				
<i>New</i>				
Ongoing				
EQUIPMENT RENTAL	E	5,124	0%	YTD activity includes construction meter rentals for cleaning sewer lines and a temporary fence.
PERS UNFUNDED	E	-	0%	YTD has no activity due to the unfunded PERS belonging solely to RZ and WZ. The actuarial report was dated 6/30/16 and the District did not have sewer personnel.
TAX COLLECTION FEES	E	9,410	134%	YTD is over budget due to higher tax collection fees than anticipated from the OC Auditor Controller.
REGULATORY PERMITS	E	18,297	183%	YTD is over budget due to annual SWRCB permit fees for the fiscal year 2017-18 (\$15K for threat/complexity 2C and \$2K for NPDES drinking water purveyors).
TREASURER	E	5,250	146%	YTD is over budget due to budgeted fund amount being 23% of total Treasurer budget, and bookkeeping being allocated at 50%.
ACCOUNTING CONSULTANT	E	24,478	163%	YTD is over budget due to budgeted fund amount being 22% of total Accounting budget, but is allocated at 50%.
COPIER CONTRACT	E	7,671	219%	YTD is over budget due to installation of the Laserfiche and the scanning project for District documents.
LEGAL	E	20,398	136%	YTD is over budget due to more general legal services rendered for the sewers than expected.
SMALL TOOLS	E	11,361	114%	YTD is over budget due to the replacement of the rodder hose in the Vactor truck.
OFFICE EQUIPMENT REPAIR AND MAINT	E	2,628	263%	YTD is over budget due to an iPad upgrade and new computer for the office.
OUTSIDE SERVICES	E	43,398	108%	YTD is at 96% due to professional services related to the District website and social media presence and awareness.
INSURANCE-PROPERTY	E	3,027	121%	YTD is at over budget due to higher insurance costs than expected.
CLAIMS EXPENSE	E	5,757	N/A	Claim were not budgeted for in FY 17/18
UTILITIES-OFFICE-ELECTRIC AND WATER	E	3,254	86%	YTD is at 86% due to increased utility bills during the first half of the year.
ACC-OC	E	2,500	100%	Annual dues for FY18 were paid to the Association of California Cities.
ACCOUNTING CONSULTANT	E	24,478	163%	YTD is over budget due to budgeted fund amount being 22% of total Accounting budget, but is allocated at 50%.
ENGINEERING	E	100,732	224%	YTD is over budget due to an unexpected amount of general engineering services required for the sewers.
LAFCO	E	7,397	74%	YTD is at 74% due to the timing of LAFCO fees.
INSURANCE AUTO AND GEN LIABILITY	E	7,311	91%	YTD is at 91% due to allocations being higher than budget

SEWERS

February 2018 Variance Report - 67% of Budget Year

Account Name	Income(I) Expense (E)	YTD Amount (\$)	% Received or Spent	Comments
Capital Projects				
<i>New</i>				
CIPP - LABOR	E	12,373	123%	YTD is over budget due to CIPP sectional liners rehabilitation service and installation of new CIPP sectional liners.
SEWER REPLACEMENT - CONSTR.	E	621,745	141%	YTD is over budget due to higher than expected costs for sewer replacements.
<i>Ongoing</i>				
SEWER PERMIT CAPACITY CHARGES	I	373,038	0%	\$330.5K for the vintage project capacity charges with Matt Land of Taylor Morrison in January; other system hook ups
OCSD PERMIT PROCESSING FEES	I	16,153	0%	This revenue includes revenues EOCWD earns on sewer permits submitted through the District. The District retains 5% of the total sewer permit revenue, in which the other 95% is paid to OCSD.
CIPP - ENGINEERING	E	12,373	82%	YTD is at 82% due to the timing of engineering services related to the CIPP project.
RECORDS MANAGEMENT IMPLEMENTATION	E	17,755	89%	YTD is at 89% due to the purchase of a new data server and a new copier.
MANHOLE REPLACEMENT - ENG.	E	20,666	69%	YTD is at 69% due to the timing of engineering services for manhole replacements.

EAST ORANGE COUNTY WATER DISTRICT

SEWERS

MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 SEWER SERVICE FEES	-	1,786,571	2,680,000	(893,429)	67%
2 CONNECTION FEE	400	400	-	400	0%
3 OTHER CHARGES	-	4,000	-	4,000	0%
4 UNCOLLECTIBLE ACCOUNTS	-	-	(2,000)	2,000	0%
5 SYSTEM SEPTIC FEES	-	-	-	-	0%
6 Total OPERATING REVENUE:	400	1,790,971	2,678,000	(887,029)	67%
NON-OPERATING INCOME					
7 INTEREST EARNED - INVESTMENTS	-	-	12,000	(12,000)	0%
8 MISCELLANEOUS INCOME	1,860	4,690	-	4,690	0%
9 TAXES-SECURED	-	177,718	310,000	(132,282)	57%
10 TAXES-UNSECURED	-	9,614	-	9,614	0%
11 TAXES SUPPLEMENTAL ROLL	492	5,623	-	5,623	0%
12 Total NON OPERATING INCOME:	2,352	197,645	322,000	(124,355)	61%
13 Total REVENUES:	2,752	1,988,616	3,000,000	(1,011,384)	66%
* The majority of property taxes and sewer service fees are received in December and April, causing the budget percentages to be uneven					
EXPENSES					
14 WAGES	33,385	251,468	371,000	(119,532)	68%
15 PAYROLL TAXES-FICA & MED	2,616	17,490	25,000	(7,510)	70%
16 PAYROLL TAXES-SUI &ETT	53	719	1,500	(781)	48%
17 HEALTH AND ACCIDENT INSURANCE	5,868	44,210	66,000	(21,790)	67%
18 DENTAL INSURANCE	395	2,901	4,500	(1,599)	64%
19 VISION INSURANCE	92	689	1,000	(311)	69%
20 LIFE INSURANCE	40	286	4,500	(4,214)	6%
21 WORKERS COMP INSURANCE	778	5,940	12,000	(6,060)	49%
22 EDUCATIONAL REIMBURSEMENT	-	492	1,000	(508)	49%
23 PERS CLASSIC (ER CONTRIBUTION)	2,357	16,895	26,100	(9,205)	65%
24 PERS CLASSIC (ER PAID MEMBER)	631	5,285	-	5,285	0%
25 PERS PEPRA (ER)	799	6,543	9,100	(2,557)	72%
26 PERS UNFUNDED	-	-	10,000	(10,000)	0%
27 PERS CLASSIC (EMPLOYEE)	(837)	(6,096)	-	(6,096)	0%
28 PERS PEPRA (EMPLOYEE)	(378)	(3,348)	-	(3,348)	0%
29 GASOLINE, OIL, & DIESEL	1,205	7,006	10,000	(2,994)	70%
30 EQUIPMENT MAINTENANCE	-	1,142	13,500	(12,358)	8%
31 VEHICLES - REPAIR/MAINTENANCE	512	5,166	15,000	(9,834)	34%
32 BUILDING/GROUND-REPAIR/MAINTENANCE	-	492	2,000	(1,508)	25%
33 EQUIPMENT RENTAL	491	5,124	-	5,124	0%
34 SMALL TOOLS	297	11,361	10,000	1,361	114%
35 OPERATION REPORTING SOFTWARE	1,425	11,400	17,000	(5,600)	67%
36 REGULATORY PERMITS	-	18,297	10,000	8,297	183%
37 ROOT CONTROL	-	-	10,000	(10,000)	0%
38 EQUIPMENT-SUPPLIES	-	-	25,000	(25,000)	0%
39 UNIFORMS	117	780	3,000	(2,220)	26%
40 UTILITIES-OFFICE-ELECTRIC AND WATER	372	3,254	3,800	(546)	86%
41 UTILITIES-DUMPSTER	79	334	500	(166)	67%
42 MCPHERSON FAX	-	122	500	(378)	24%
43 MCPHERSON INTERNET	90	720	1,500	(780)	48%
44 MCPHERSON OFFICE PHONES	-	1,011	3,800	(2,789)	27%
45 DISTRICT WEBSITE	48	385	2,000	(1,615)	19%
46 ANSWERING SERVICE	-	125	200	(75)	62%

EAST ORANGE COUNTY WATER DISTRICT

SEWERS

MONTH: FEBRUARY 2018

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
47 CELLPHONES	273	2,165	2,300	(135)	94%
48 TRAINING/SCHOOLS	46	1,469	3,000	(1,531)	49%
49 TRAVEL-CONFERENCE/SEMINARS	-	-	3,000	(3,000)	0%
50 MILEAGE	-	167	1,000	(833)	17%
51 MEETING EXPENSE	549	2,294	1,000	1,294	229%
52 SCAP	-	-	550	(550)	0%
53 DUES & MEMBERSHIPS-CSDA	285	763	3,500	(2,737)	22%
54 ACC-OC	-	2,500	2,500	-	100%
55 FOG Services	-	2,479	-	2,479	0%
56 POSTAGE	61	291	1,000	(709)	29%
57 OFFICE SUPPLY/FURNISHING	254	2,701	3,000	(299)	90%
58 PUBLICATIONS & LEGAL NOTICE	31	1,458	40,000	(38,542)	4%
59 COPIER CONTRACT	208	7,671	3,500	4,171	219%
60 OFFICE EQUIPMENT REPAIR AND MAINT	277	2,628	1,000	1,628	263%
61 OUTSIDE SERVICES	4,843	43,398	40,000	3,398	108%
62 AUDITING	-	4,600	28,500	(23,900)	16%
63 TAX COLLECTION FEES	-	9,410	7,000	2,410	134%
64 TREASURER	656	5,250	3,600	1,650	146%
65 ACCOUNTING CONSULTANT	4,534	24,478	15,000	9,478	163%
66 LEGAL	5,735	20,398	15,000	5,398	136%
67 COMPUTER CONSULTING	750	7,780	10,000	(2,220)	78%
68 ENGINEERING	8,618	100,732	45,000	55,732	224%
69 LAFCO	-	7,397	10,000	(2,603)	74%
70 UNDERGROUND SERVICE ALERT	224	1,874	4,000	(2,126)	47%
71 BANK CHARGES	-	681	5,000	(4,319)	14%
72 INSURANCE AUTO AND GEN LIABILITY	959	7,311	8,000	(689)	91%
73 INSURANCE-PROPERTY	378	3,027	2,500	527	121%
74 INSURANCE CLAIMS	-	5,757	-	N/A	N/A
75 INSURANCE-EMPLOYEE FIDELITY BO	-	-	300	(300)	0%
76 SECURITY	53	1,093	6,370	(5,277)	17%
77 ELECTION EXPENSE	-	-	20,000	(20,000)	0%
78 DIRECTOR-J. DULEBOHN	258	917	2,250	(1,333)	41%
79 DIRECTOR-R. BELL	217	775	2,250	(1,475)	34%
80 DIRECTOR-EVERETT	175	408	2,250	(1,842)	18%
81 DIRECTOR-SEARS	-	408	2,250	(1,842)	18%
82 CONTRACT CLEANING SERVICES	22,930	192,102	325,000	(132,898)	59%
83 QUALITY & TESTING	-	-	1,000	(1,000)	0%
84 INSECTICIDE	-	-	5,000	(5,000)	0%
85 ODOR CONTROL	-	-	5,000	(5,000)	0%
86 GRIT DISPOSAL FEES	-	-	2,500	(2,500)	0%
87 TRANSFER TO CAP PROJECTS	8,375	67,000	100,500	(33,500)	67%
88 CONTINGENCY FUND	3,969	31,753	47,630	(15,877)	67%
89 FUNDED TO/BY RESERVE	129,938	1,039,500	1,559,250	(519,750)	67%
90 MARKET VALUE ADJUSTMENT-INVESTMENTS	-	-	-	-	-
91 Total EXPENSES:	245,051	2,018,989	3,000,000	(986,768)	67%
92 NET INCOME (LOSS) FROM OPERATIONS:	(242,299)	(30,373)	-	(24,616)	-
93 OTHER INCOME AND EXPENSE					
94 PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
95 Total OTHER INCOME AND EXPENSE	-	-	-	-	-
96 NET INCOME (LOSS)	(242,299)	(30,373)	-	(24,616)	-

SEWERS CAPITAL PROJECTS

EAST ORANGE COUNTY WATER DISTRICT

2017-2018 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

MONTH: FEBRUARY 2018

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	CAPITAL PROJECTS REVENUE					
2	CAPITAL CONTRIBUTIONS	-	-	-	-	0%
3	TRANSFER TO RESERVES FROM OPERATIONS	129,938	1,039,500	1,559,250	(519,750)	67%
4	CONNECTION FEES	-	-	30,000	(30,000)	0%
5	SEWER PERMIT CAPACITY CHARGES	7,083	373,038	-	373,038	0%
6	OCSD PERMIT PROCESSING FEES	754	16,153	-	16,153	0%
7	INTEREST EARNINGS	22,444	293,710	380,000	(86,290)	77%
8	TRANSFERS FROM OPERATIONS	8,375	67,000	100,500	(33,500)	67%
9	REALIZED & UNREALIZED GAINS/(LOSSES)	(43,230)	(244,504)	-	(244,504)	0%
10	NET OPERATING INCOME	125,363	1,544,897	2,069,750	(524,853)	75%

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
11	CAPITAL PROJECTS EXPENSES					
12	ONE-TIME ACQUISITION COSTS	-	2,200	25,000	(22,800)	9%
13	CIPP	12,635	82,923	625,000	(542,077)	13%
14	CCTV	-	28,689	100,000	(71,311)	29%
15	SEWER REPLACEMENT	403,150	632,662	500,000	132,662	127%
16	MANHOLE REPLACEMENT	-	33,774	75,000	(41,226)	45%
17	FOG CONTROL	-	1,665	60,000	(58,335)	3%
18	MASTER PLAN/CONDITION ASSESSMENT	34,870	266,963	700,760	(433,797)	38%
19	EQUIPMENT ACQUISITION	-	-	25,000	(25,000)	0%
20	210 N. MCPHERSON	191	191	630,000	(629,809)	0%
21	MANHOLE RAISING	-	63	30,000	(29,937)	0%
22	RECORDS MANAGEMENT IMPLEMENTATION	-	17,755	20,000	(2,245)	89%
23	SEPTIC SYSTEM CONVERSIONS	-	95	25,000	(24,906)	0%
24	US BANK FEES	1,836	14,728	-	14,728	0%
25	TOTAL OPERATING EXPENSE	452,683	1,081,707	2,815,760	(1,734,053)	38%
26	NET INCOME (LOSS) FROM OPERATIONS	(327,319)	463,190	(746,010)	1,209,200	-62%
27	PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
28	NET INCOME (LOSS)	(327,319)	463,190	(746,010)	1,209,200	-62%

EAST ORANGE COUNTY WATER DISTRICT

SEWERS

Capital Projects Detail

MONTH: FEBRUARY 2018

	ACCOUNT	DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2017-18 BUDGET	BUDGET \$ OVER (UNDER)	% OF BUDGET EXPENDED
		REVENUE					
1	4813-33	CAPITAL CONTRIBUTIONS	-	-	-	-	0%
2	4803-33	TRANSFER TO CAPITAL RESERVES	129,938	1,039,500	1,559,250	(519,750)	67%
3	4603-33	INTEREST EARNINGS-LAIF	-	119,295	380,000	(260,705)	31%
4	4604-33	INTEREST EARNINGS-US BANK	22,444	174,415	-	174,415	0%
5	4110-33	CONNECTION FEES	-	-	30,000	(30,000)	0%
6	4143-33	SEWER PERMIT CAPACITY CHARGES	7,083	373,038	-	373,038	0%
7	4153-33	OCSD PERMIT PROCESSING FEES	754	16,153	-	16,153	0%
8	4802-33	TRANSFERS FROM OPERATIONS	8,375	67,000	100,500	(33,500)	67%
9	4680-33	REALIZED GAIN/(LOSS) ON INVESTMENTS	(1,598)	(4,521)	-	(4,521)	0%
10	4681-33	MARKET VALUE ADJUSTMENTS	(41,633)	(239,982)	-	(239,982)	0%
11		TOTAL CAPITAL PROJECTS REVENUE:	125,363	1,544,897	2,069,750	(524,853)	75%
		EXPENSES					
12	7300103	ONE-TIME ACQUISITION COSTS	-	2,200	25,000	(22,800)	9%
13	73002E3	CIPP - ENGINEERING	385	12,373	15,000	(2,627)	82%
14	73002C3	CIPP - CONSTRUCTION	-	58,300	600,000	(541,700)	10%
15	73002L3	CIPP - LABOR	12,250	12,250	10,000	2,250	123%
16	7300303	CCTV	-	28,689	100,000	(71,311)	29%
17	73004E3	SEWER REPLACEMENT - ENG.	-	10,918	50,000	(39,083)	22%
18	73004C3	SEWER REPLACEMENT - CONSTR.	403,150	621,745	440,000	181,745	141%
19	73004L3	SEWER REPLACEMENT - LABOR	-	-	10,000	(10,000)	0%
20	73005E3	MANHOLE REPLACEMENT - ENG.	-	20,666	30,000	(9,334)	69%
21	73005C3	MANHOLE REPLACEMENT - CONSTR.	-	13,108	40,000	(26,892)	33%
22	73005L3	MANHOLE REPLACEMENT - LABOR	-	-	5,000	(5,000)	0%
23	73006E3	FOG CONTROL - ENGINEERING	-	556	35,000	(34,444)	2%
24	73006C3	FOG CONTROL - EQUIPMENT	-	1,109	25,000	(23,891)	4%
25	73007E3	MASTER PLAN/CONDITION ASSESS. - ENG.	34,870	266,963	700,760	(433,797)	38%
26	7300903	EQUIPMENT ACQUISITION	-	-	25,000	(25,000)	0%
27	73010E3	210 N. MCPHERSON - ENG.	-	-	100,000	(100,000)	0%
28	73010C3	210 N. MCPHERSON - ACQUISITION/CONSTR.	191	191	500,000	(499,809)	0%
29	73010L3	210 N. MCPHERSON - LABOR	-	-	30,000	(30,000)	0%
30	7301203	MANHOLE RAISING	-	63	30,000	(29,937)	0%
31	7301103	RECORDS MANAGEMENT IMPLEMENTATION	-	17,755	20,000	(2,245)	89%
32	7301303	SEPTIC SYSTEM CONVERSIONS	-	95	25,000	(24,906)	0%
33	5991-33	US BANK FEES	1,836	14,728	-	14,728	0%
34		TOTAL CAPITAL PROJECTS EXPENSE:	452,683	1,081,707	2,815,760	(1,734,053)	38%
35		NET INCOME (LOSS) FROM CAPITAL PROJECTS:	(327,319)	463,190	(746,010)	1,209,200	-62%



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: FY 2018-2020 AUDIT SERVICES CONTRACT AWARD
DATE: APRIL 19, 2018

BACKGROUND

For the past three years the Pun Group has provided independent auditor services to the District; their contract expired with the completion of the FY 2017 Audit. While we have been pleased with the Pun Group's performance, good financial controls dictate that it is prudent to change firms periodically, and in no event can the same firm audit an agency for more than six (6) consecutive years.

A Request for Proposal was developed for the three-year period 2018-2020; included in the proposal was a request for cost for a target audit (a specialized audit that focuses on internal controls such as Cash Receipting/Disbursement) for each of the three years of the contract, in addition to the basic audit. Target audits are a recommended best practice by the State Controller.

Proposals were solicited from six pre-qualified CPA firms that have audited water and wastewater special districts:

- | | |
|--------------------------|---------------|
| • Clifton Larson Allen | Pasadena, CA |
| • Eadie & Payne | Riverside, CA |
| • DavisFarr | Irvine, CA |
| • Lance, Soll & Lunghard | Brea, CA |
| • Nigro & Nigro | Murrieta, CA |
| • The Pun Group | Santa Ana, CA |

All of the solicited firms submitted proposals.

The proposals were evaluated pursuant to the attached evaluation. Three specific evaluation criteria were established and weighted as follows (Note, some respondents did not provide a firm price for the target audit; cost was not considered until after the technical evaluation was completed):

<u>Weight</u>	
1. Technical Experience	10 points
2. Approach/Workplan	10 points
3. Water References	<u>10 points</u>
Total	30 points

Based upon the proposal analysis, DavisFarr submitted the most responsive proposal (achieving a score of 27 out of 30 points). While theirs was not the lowest cost proposal, upon evaluation the cost differences were minimal for two reasons: 1) The lowest cost proposal, Clifton Larson Allen included GASB implementation fees that added an additional \$3,000/year (\$9,000 for the term of the contract) resulting in a higher cost than DavisFarr, and 2) the next lowest cost proposal – The Pun Group – had one of the lowest scores due to the loss of their water auditing staff.

At their April 2, 2018 Meeting, the Finance Committee concurred with staff's review and recommends the Board approve a three-year contract for a not-to-exceed cost of \$76,210.

FINANCIAL IMPACT

Sufficient funding exists in the Audit expense accounts to cover the proposed basic and target audit amounts for the FY 2017/18 audit; subsequent budgets will also include adequate funding.

RECOMMENDATION

The Board approve a three-year contract for auditing services with DavisFarr CPAs for an amount not-to-exceed \$76,210.

East Orange County Water District
Audit RFP - 2018 to 2020
Evaluation Form

EAST ORANGE COUNTY WATER DISTRICT FY 18/19 AUDITOR EVALUATION

Group Rating Scale: Max 10 Points For Each Category

Green is the area for brief comments
10 POINTS 10 POINTS 10 POINTS
TECHNICAL APPROACH/W WATER
EXPERIENCE ORKPLAN REFERENCES

AUDIT FIRM NAME	PROPOSAL							OVERALL RATING (Max=30)
	FINANCIAL AUDIT							
	Year 1	Year 2	Year 3	Total				
DavisFarr	\$ 21,400	\$ 21,830	\$ 22,270	\$ 65,500	9	9	9	27
Clifton Larson Allen	\$ 18,500	\$ 19,000	\$ 19,500	\$ 57,000	6	7	8	21
Eadie & Payne	\$ 20,950	\$ 21,500	\$ 22,050	\$ 64,500	7	6	5	18
Lance Soll & Lunghard	\$ 24,075	\$ 24,075	\$ 24,075	\$ 72,225	9	8	7	24
Nigro & Nigro	\$ 20,750	\$ 21,300	\$ 22,000	\$ 64,050	8	7	6	21
The Pun Group	\$ 20,000	\$ 20,000	\$ 20,000	\$ 60,000	7	8	6	21

	TARGET AUDIT				Total	
DavisFarr	\$ 3,500	\$ 3,570	\$ 3,640	\$ 10,710	\$ 76,210	All inclusive if you choose a Target Audit Every Year
Clifton Larson Allen	\$ 2,400	\$ 4,000	\$ 4,000	\$ 10,400	\$ 67,400	GASB Implementation Fees Up to \$3,000 per year
Eadie & Payne	\$ -	\$ -	\$ -	\$ -	\$ 64,500	Target Audit billed at T&M rate/Negotiated
Lance Soll & Lunghard	\$ -	\$ -	\$ -	\$ -	\$ 72,225	Target Audit billed at T&M rate/Negotiated
Nigro & Nigro	\$ -	\$ -	\$ -	\$ -	\$ 64,050	Target Audit billed at T&M rate/Negotiated
The Pun Group	\$ -	\$ -	\$ -	\$ -	\$ 60,000	Target Audit Included

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: WHOLESALE AND RETAIL ZONE WATER DEMANDS – MARCH 2018
DATE: APRIL 19, 2018

Wholesale Zone Water Demands

Attached is a graphical representation of the Wholesale Zone water demand through March 31, 2018. **Water sales for the month of March totaled 68.90 AF.** This is a 10.60 AF decrease (13.3%) in demand from March 2017.

Retail Zone Water Demands

Page 1 of the attached report is an overview of the sources of water supply and our monthly production. For March 2018, 92% of total Retail Zone demand was met using groundwater produced from our East Well & West Well (41.6 AF), 8% was using imported water (3.4 AF). Please note that the "In-Lieu" Program was suspended on February 1, 2018 therefore, Retail Zone demand is now being met pumping water from our East Well & West Well going forward.

Page 2 of the report depicts our 10-year water usage and how much of this was groundwater versus imported water. As shown on this graph, drought allocations begun in 2014/15 have reduced total demand below the 10-year average of 972 AF.

Page 3 provides a comparison of water demand versus precipitation, water demand versus average high temperature and water demand versus unemployment rates. As would be expected, generally in wet years, demand is lower than in dry years, whereas average temperature doesn't have as much of a cause/effect relationship. There does appear to be a slight relationship between unemployment rates and water demand, with increasing demand occurring as unemployment rates decrease.

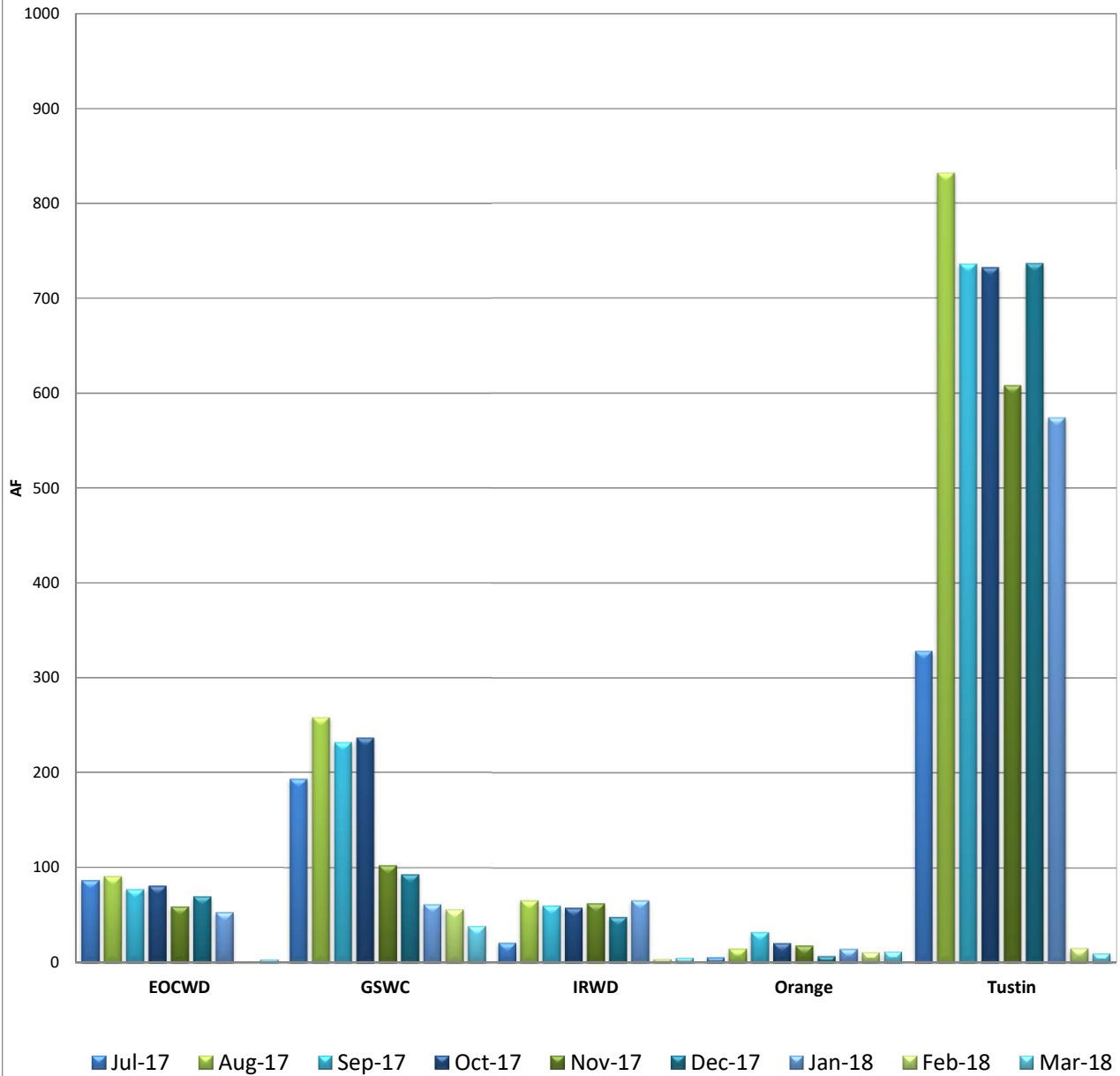
As shown on Page 4, **total production for the month of March 2018 was 45 AF**; March's production is 2 AF (4.7%) higher than our production during March 2017, and 20 AF (30.8%) lower than our average production for the last 6 years.

Also attached are graphs depicting the Retail Zone's water production, including a table that shows "gallons per capita per day" or GPCD. The effect of the decreased conservation is shown very vividly here - the table shows our residents per person, per day water consumption for the month of **March 2018 (145 GPCD)** compared to **March 2017 (140 GPCD)**. These numbers are derived by dividing the total amount of water used by the population (a number calculated by the Center for Demographics at Cal State Fullerton). For comparison, the average GPCD for the South Coast area of California is 202 GPCD (Source: Department of Water Resources). The average GPCD for RZ customers for FY 2016/17 was 202 GPCD.

Wholesale Zone Water Demand

Total Monthly Sales for March 2018 = 68.90 AF

Total YTD Sales for July 2017 - March 2018 = 6,894.60 AF



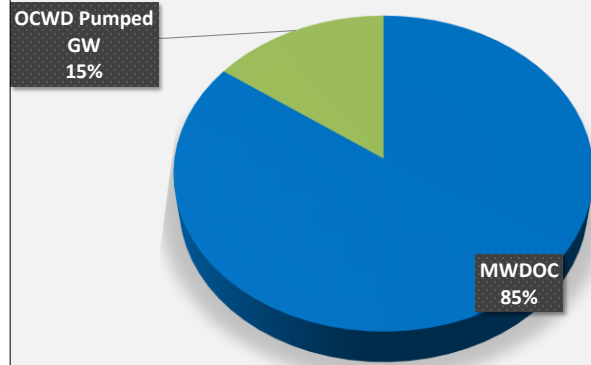
East Orange County Retail Zone Water Usage Report

East Orange County Retail Zone Overview of Usage FY 2017-18 Monthly Water Use

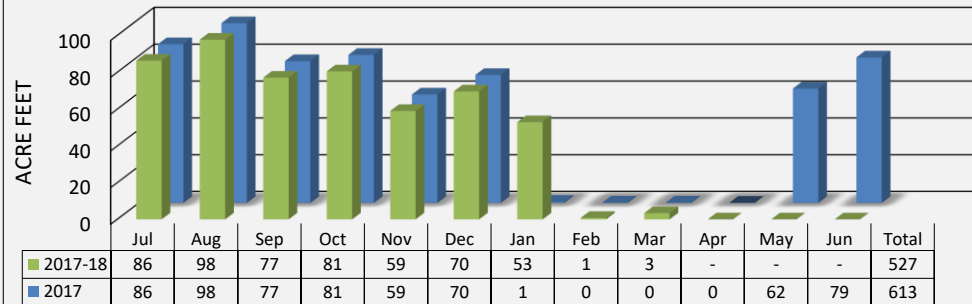
Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	86	98	77	81	59	70	53	1	3	-	-	-	527
OCWD Pumped GW	0	1	-	1	1	0	0	48	42	-	-	-	93
Total	87	99	77	82	60	70	53	49	45	-	-	-	620

2017 MWDOC Usage	86	98	77	81	59	70	1	0	0	0	62	79	613
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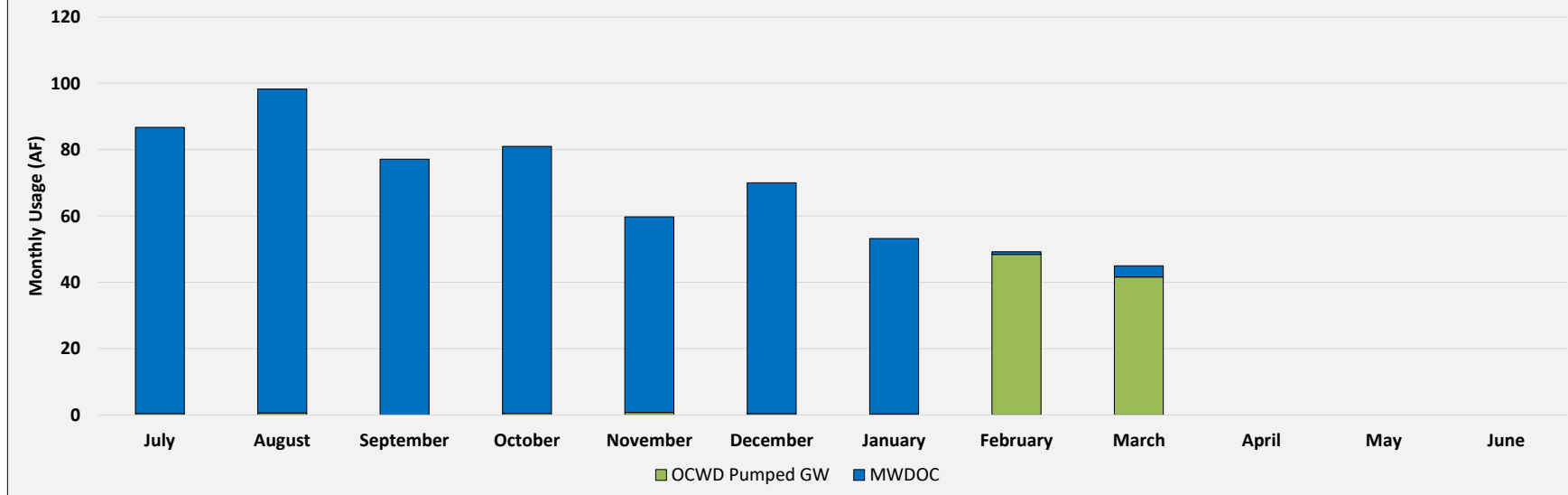
2017-18 Sources of Water



MWDOC Calendar Year and Fiscal Year Purchases



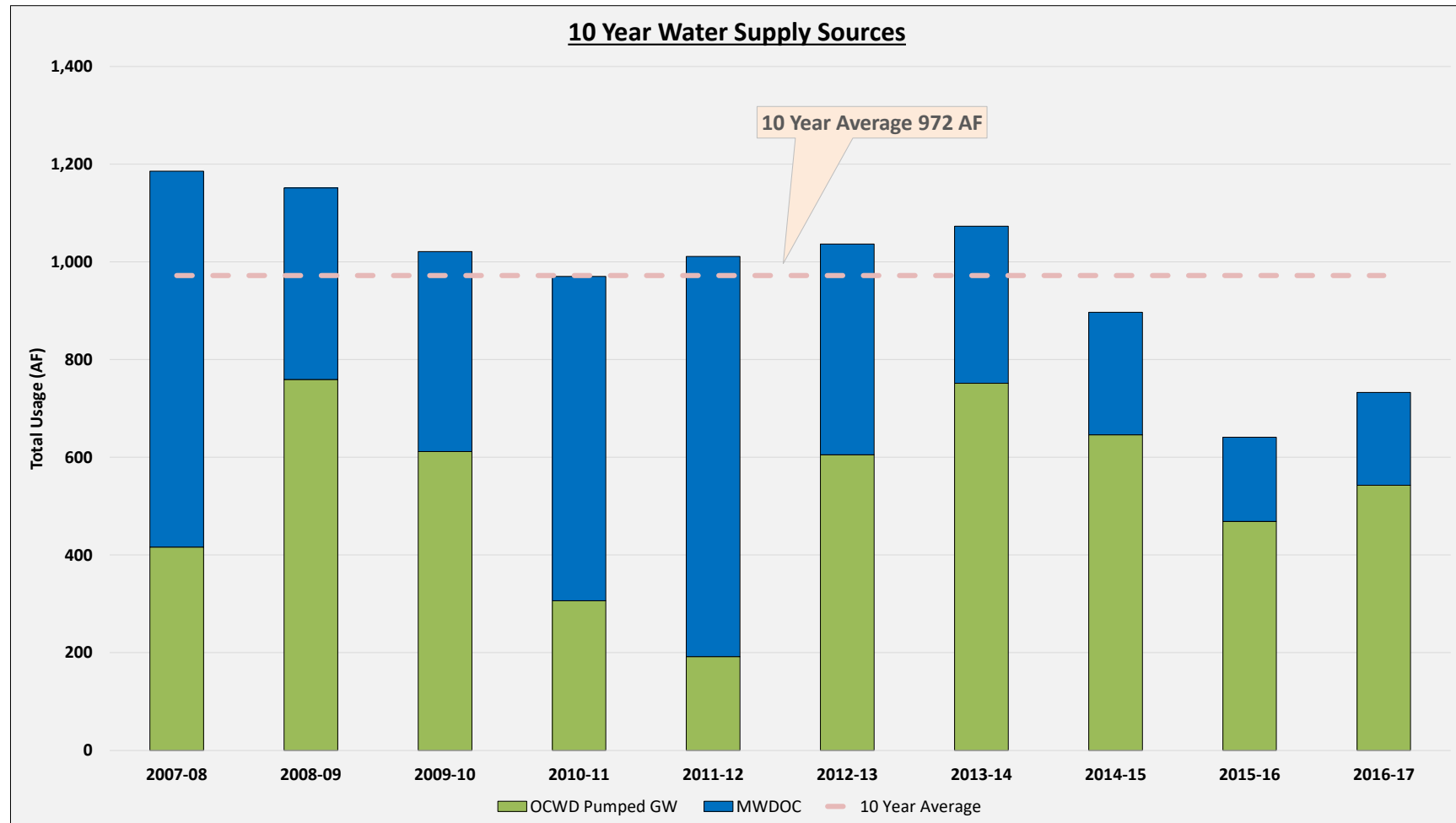
2017-18 Monthly Water Supply Sources



East Orange County Retail Zone Water Usage Report

Annual Water Usage

Type of Supply	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Average
MWDOC	770.0	392.3	409.3	663.8	819.1	431.3	322.0	250.7	172.1	190.2	442.1
OCWD Pumped GW	416.0	759.1	612.0	306.5	192.1	605.2	751.3	646.3	468.9	542.7	530.0
Total	1,186	1,151	1,021	970	1,011	1,037	1,073	897	641	733	972

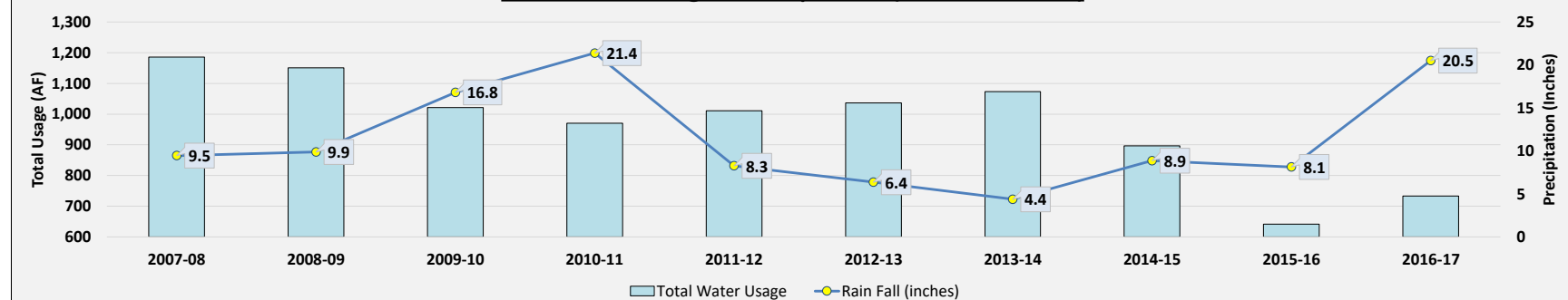


East Orange County Retail Zone Water Usage Report

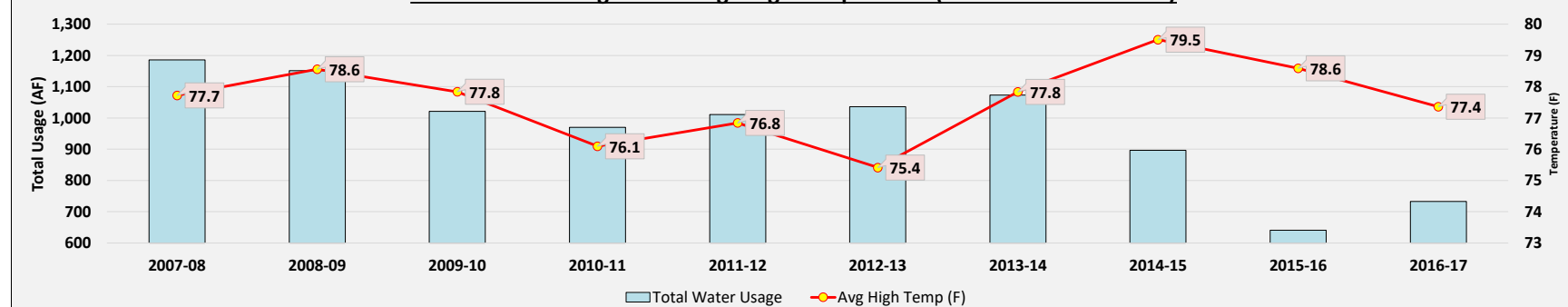
Water Usage Variables

Type of Supply	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Average
Rain Fall (inches)	9.5	9.9	16.8	21.4	8.3	6.4	4.4	8.9	8.1	20.5	11.4
Avg High Temp (F)	77.7	78.6	77.8	76.1	76.8	75.4	77.8	79.5	78.6	77.4	77.6
LA Unemployment %	5.5%	9.2%	11.6%	11.7%	10.9%	9.6%	8.2%	7.1%	5.4%	4.6%	8.4%
Total Water Usage	1,186	1,151	1,021	970	1,011	1,037	1,073	897	641	733	972

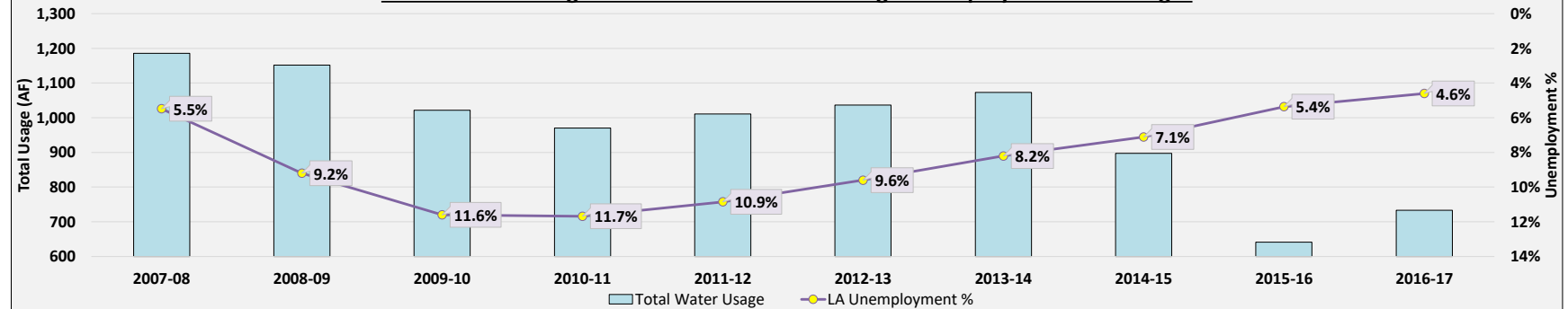
10 Year Water Usage VS Precipitation (SNA #121 Station)



10 Year Water Usage VS Average High Temperature (Santa Ana Fire Station)



10 Year Water Usage VS L.A. Metro Annual Average Unemployment Percentages



East Orange County Retail Zone Water Usage Report

East Orange County Retail Zone Detailed Usage Historical Monthly Potable Usage (Fiscal Year, July-June)

Fiscal Year	July	August	September	October	November	December	January	February	March	April	May	June	Total
2009-10 Usage	123	124	112	97	86	55	52	35	59	74	96	110	1,021
2010-11 Usage	112	118	109	76	73	49	58	55	54	78	92	98	970
2011-12 Usage	120	119	98	88	63	68	71	58	67	65	95	100	1,011
2012-13 Usage	114	118	107	99	75	42	58	62	73	85	101	103	1,037
2013-14 Usage	104	108	111	94	87	66	81	63	69	80	108	103	1,073
2014-15 Usage	100	104	102	93	74	41	59	53	72	73	52	74	897
2015-16 Usage	54	69	60	46	61	45	29	46	64	35	63	69	641
2016-17 Usage	82	87	70	68	58	44	31	32	43	70	70	79	733
Average of Last 6 FYs	95	101	91	81	70	51	55	52	65	68	81	88	899
Monthly Usage Percentage	11%	11%	10%	9%	8%	6%	6%	6%	7%	8%	9%	10%	100%

Water Usage By Source

Imported	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWD via EO Wholesale	9.1	17.0	8.2	9.1	22.0	44.6	21.8	0.8	3.4				136.0
CPTP	-	-	-	-	-	-	-	-	-	-	-	-	-
MWD In-Lieu*	77.2	80.7	68.9	71.4	37.0	25.0	31.1	-	-	-	-	-	391.3
Imported Total	86	98	77	81	59	70	53	1	3	-	-	-	527.3

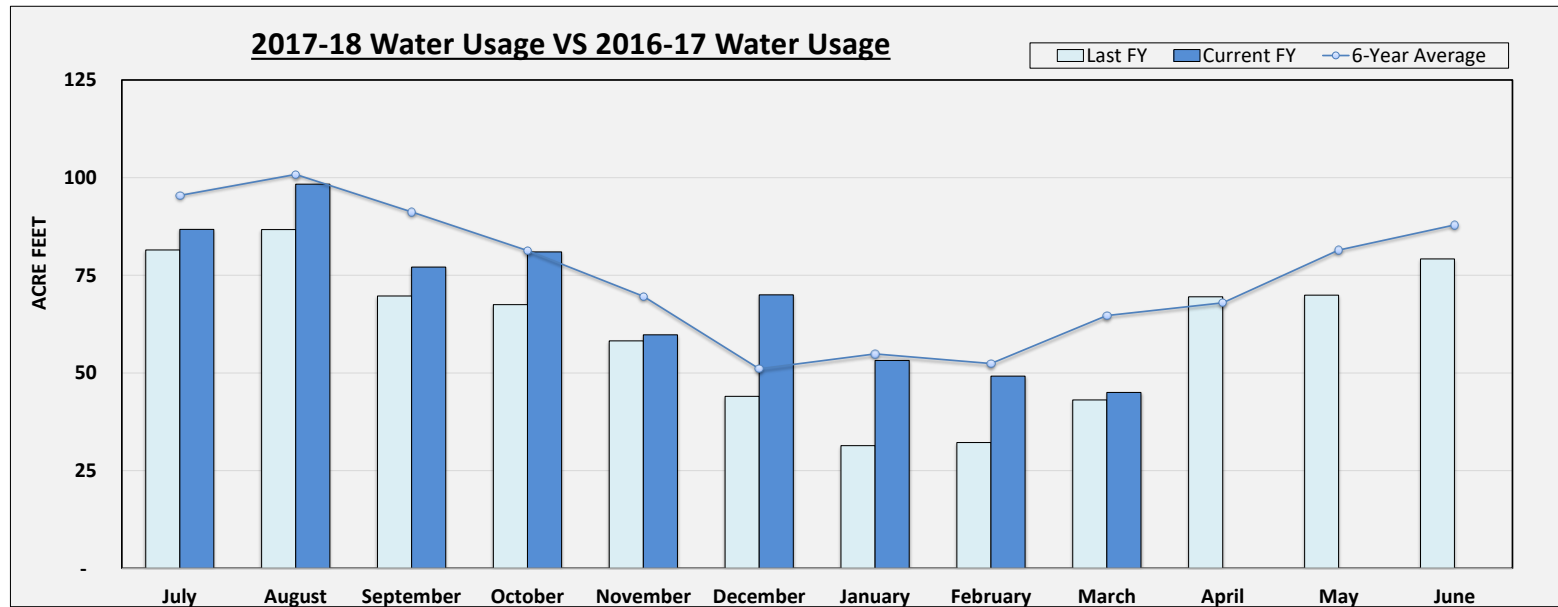
*In-lieu totals are subtracted from imported totals

Local	July	August	September	October	November	December	January	February	March	April	May	June	Total
OCWD Pumped GW	0.4	0.6	-	0.5	0.7	0.4	0.3	48.4	41.6				93.0
Less Fill up Reservoir	-	-	-	-	-	-	-	-	-	-	-	-	-
Less CPTP	-	-	-	-	-	-	-	-	-	-	-	-	-
Local Total	0.4	0.6	-	1	1	0	0	48	42	-	-	-	93.0

Total Usage 2017-18	87	98	77	81	60	70	53	49	45	-	-	-	620
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FY 17-18 versus FY 16-17

+6% +13% +11% +20% +3% +59% +69% +53% +4%

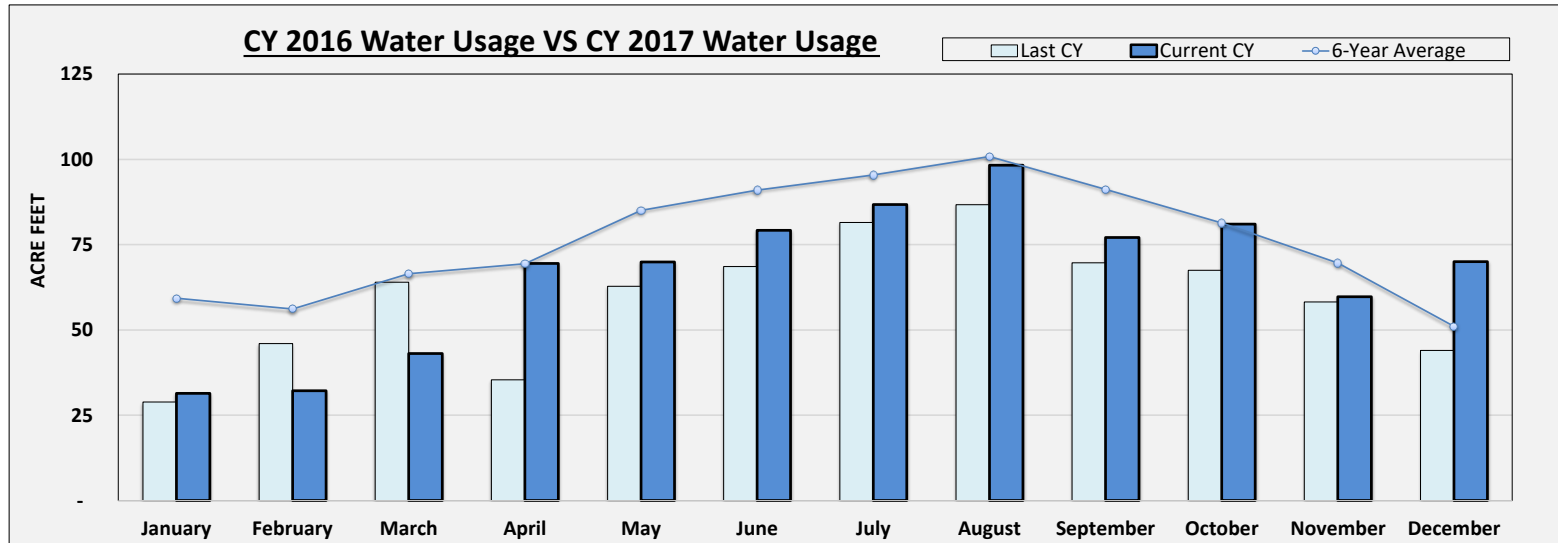


East Orange County Retail Zone Water Usage Report

Historical Monthly Potable Usage (Calendar Year)

Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2011	58	55	54	78	92	98	120	119	98	88	63	68	990
2012	71	58	67	65	95	100	114	118	107	99	75	42	1,010
2013	58	62	73	85	101	103	104	108	111	94	87	66	1,052
2014	81	63	69	80	108	103	100	104	102	93	74	41	1,017
2015	59	53	72	73	52	74	54	69	60	46	61	45	718
2016	29	46	64	35	63	69	82	87	70	68	58	44	713
6 year Average	59	56	66	69	85	91	95	101	91	81	70	51	917

Total Water Usage 2017	31	32	43	70	70	79	87	98	77	81	60	70	798
2017 VS 2016 Usage	-47%	-39%	-40%	-5%	+33%	+8%	+61%	+43%	+28%	+75%	-1%	+56%	+12%



	Population	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2016 Usage (AF)	3,243	29	46	64	35	63	69	82	87	70	68	58	44	713
2016 GPCD		94	165	207	119	204	230	264	281	233	219	195	143	196
2017 Usage (AF)	3,268	31	32	43	70	70	79	87	98	77	81	60	70	798
2017 GPCD		101	115	139	231	225	263	279	316	256	261	199	225	218
CY over CY change in GPCD		+7	-50	-69	+112	+21	+33	+15	+35	+23	+42	+4	+83	+22

	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2016-17 Usage (AF)	3,243	82	87	70	68	58	44	31	32	43	70	70	79	733
2016-17 GPCD		264	281	233	219	195	143	102	116	140	233	227	265	202
2017-18 Usage (AF)	3,268	87	98	77	81	60	70	53	49	45	-	-	-	620
2017-18 GPCD		279	316	256	261	199	225	171	175	145	-	-	-	227
FY over FY change in GPCD		+15	+35	+23	+42	+4	+83	+69	+60	+5				+25

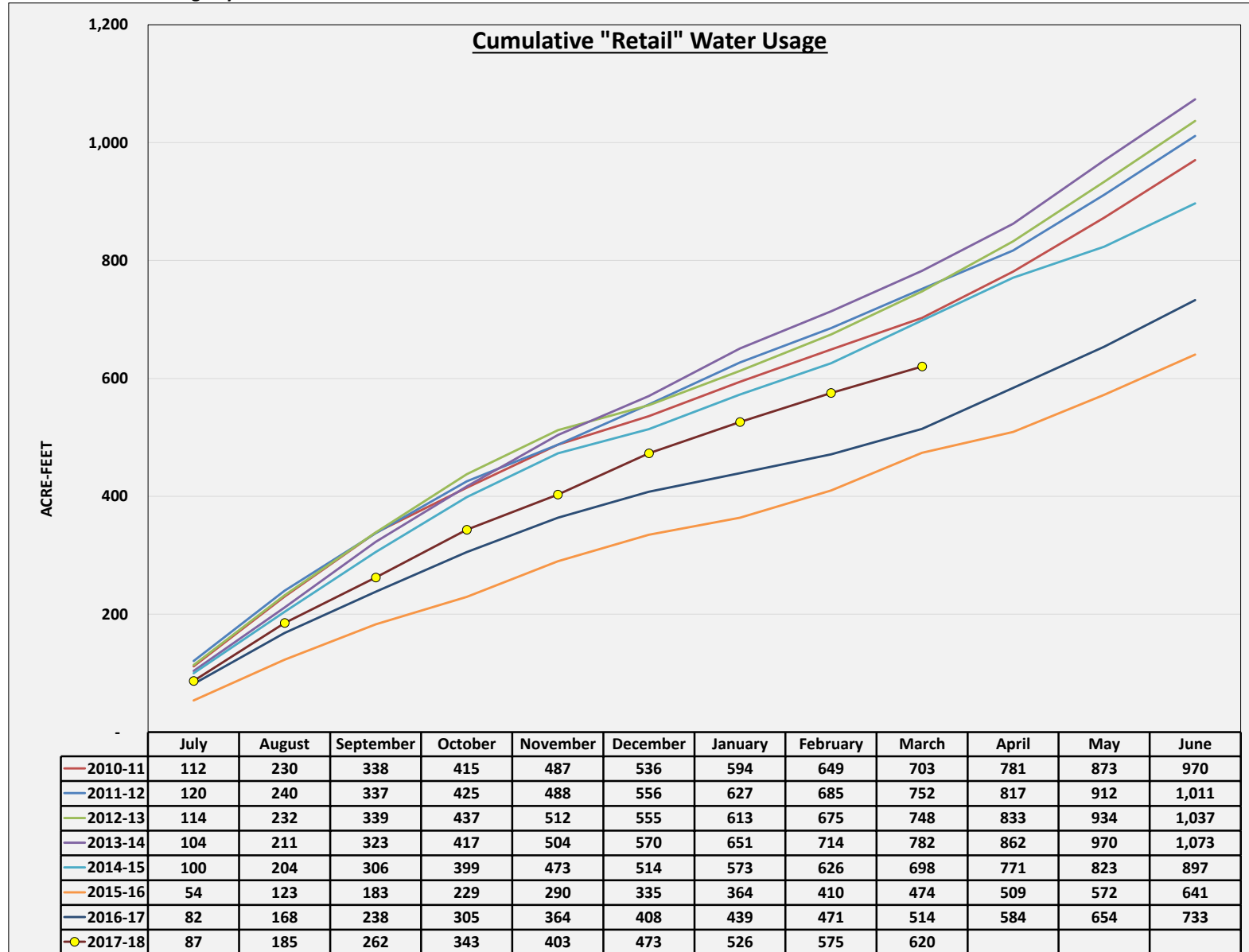
*Cumulative through the end of the last month shown

*GPCD = Total Monthly Production/ Population/days in the month



East Orange County Retail Zone Water Usage Report

Cumulative Water Usage by Fiscal Year



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: REGIONAL/STATE ISSUES
DATE: APRIL 19, 2018

Background

Attached is the monthly report from Townsend & Associates regarding state issues and legislation of interest to the District; Eric O'Donnell will be present to discuss six bills that are of particular interest to the District.

Also attached is the monthly report from John Lewis regarding regional political issues and LAFCO items of interest. Mr. Lewis will be also present at the Board Meeting to answer any questions.

Financial Impact

There is no direct financial impact to the District from this action.

Recommendation

No action is required.

The County of Orange Report

April 10, 2018
by Lewis Consulting Group

County Disposition of Riverbed Homeless

Santa Ana, Calif. (April 2, 2018) – As of March 28, 2018, the County of Orange concluded its 30-day motel program for individuals previously encamped along the Santa Ana Riverbed. The program, which began at the end of February 2018, involved 697 individuals and 51 motels throughout Orange County.

While the [full text of a memorandum from County Executive Officer Frank Kim is available online](#), below are highlights from the data.

30-Day Motel Program Data:

- **Individuals Connected to Motel Housing by the OC Health Care Agency and City Net**
(Feb. 14 - 25): 697
- **Individuals Assessed by the OC Health Care Agency:** 589 *(Individuals not assessed by the OC Health Care Agency included 70 persons evicted prior to assessments, 7 persons who left motels on their own prior to assessments and 31 persons of unknown disposition.)*
- **Placement of Those Assessed by the OC Health Care Agency:**
 - Full Service Partnership (FSPs) (mental health residential treatment): 149
(This includes only those who are confirmed as enrolled in the program.)
 - FSP Partners (individuals who are not FSP-eligible but staying with a partner who is eligible): 22
 - Recuperative care: 5
 - Substance use residential treatment: 23
 - Crisis residential: 1
 - Bridges at Kraemer Place: 57
 - Courtyard Transitional Center: 16
 - WISEPlace: 5
 - Nonprofit service providers: 27
 - Other: 29
 - Hospitalization: 1
 - Incarceration: 3
 - Assessed and did not accept shelter and services: 251

Round 2 - Relocating Civic Center Homeless

Judge David Carter wasted no time in initiating Phase II - relocation of the homeless from the County Plaza and Santa Ana Civic Center. Approximately 200 homeless have been assessed in in similar fashion as those who had camped at the riverbed. No statistics are available yet for their disposition.

In the mean time, County officials are scrambling to find additional housing options. At a March 19th Board of Supervisors meeting, Supervisors explored the possibility of using County owned sites in Laguna Niguel, Huntington Beach and Irvine. However, heated local opposition and protests forced the Board to cancel the study. Supervisor Bartlett

faced intense criticism from Laguna Niguel constituents. The same occurred in Huntington Beach, Michelle Steel's constituents. As part of his campaign for District Attorney, Supervisor Spitzer raised eyebrows by whipping up opposition in Laguna Niguel, much to Bartlett's consternation.

Interestingly, the 100 acre County owned property in the Great Park is already zoned to allow for a homeless shelter. Irvine might be the only of the three cities still at risk, as four Supervisors are not happy with Supervisor Spitzer right now.

Finally, Judge Carter has put Orange County cities on notice that he expects them to do more to shoulder part of the burden, It will be interesting to see his next actions when his patience wears thin.



The April 11th LAFCO meeting was held after the PAL print deadline. Items of interest will be reported orally at April PAL meeting.

Report on the 2018/2019 LAFCO Strategic Plan

Due to the Strategic Plan portion of the meeting, the regularly scheduled LAFCO meeting has a very light agenda. The one item not on the consent calendar is the proposed calendar for the selection of the Committee's Public Member. The current public member, Derek McGregor has indicated he wishes to serve in that capacity again. The agenda item suggests an interview of candidates at the June 13, 2018 meeting and a final vote to be taken at the July 11, 2018 meeting.

The Strategic Planning Session will engage in the following three tasks:

- 1). Discuss the accomplishments of the agency's organizational goals and the 2017/2018 Work Plan.
- 2). Receive a report on the agency's overall performance.
- 3). Identify and prioritize key projects that will be included in the 2018/2019 Work Plan that begins July 1, 2018. During this part of the planning session, OC LAFCO consultant, Management Partners, will give a presentation on the stakeholders input process for the next cycle of reviews and updates of Spheres of Influence and Municipal Service Review.

Polls, Polls and More Polls

	<u>Date of Survey</u>	<u>Sample Size</u>	<u>Margin of Error</u>
Survey USA	3/22/18-3/25/18	517 CA likely voters	+/- 5%
PPIC	3/4/18-3/13/18	931 CA likely voters	+/- 4.5%
Chapman Poll	2/6/18-3/4/18	706 O.C. residents	+/- 3.7%

PPIC	<u>Governor's Race</u>		Survey USA
GAVIN NEWSOME	28%	GAVIN NEWSOME	22%
JOHN COX	14%	ANTONIO VILLARAIGOSA	14%
ANTONIO VILLARAIGOSA	12%	JOHN COX (REP)	11%
TRAVIS ALLEN	10%	JOHN CHAING	9%
JOHN CHAING	6%	TRAVIS ALLEN (REP)	7%
DELAINE EASTIN	5%	DELAINE EASTIN	3%

PPIC	<u>U.S. Senate Race</u>		Survey USA
DIANNE FEINSTEIN	42%	DIANNE FEINSTEIN	31%
KEVIN DeLEON	16%	KEVIN DeLEON	5%
SOMEONE ELSE	2%	PATRICK LITTLE (REP)	5%
		Two Withdrawn Republicans	10%

PPIC	<u>Possible State Water Bond</u>
YES	66%
NO	26%
Unsure/undecided	8%

PPIC	<u>California Water Supply</u>
Big problem	45%
Somewhat a problem	23%
Not much of a problem	31%
Unsure/undecided	1%

PPIC**Sacramento-San Joaquin Phased Water
Tunnels Importance to CA Quality of Life**

Very important	48%
Somewhat important	30%
Not too important	6%
Not important at all	10%
Unsure/undecided	6%

Chapman Poll - Orange County Residents**President Trump's Approval Rating**

Approve	37%
Disapprove	63%

Gun Control

Government goes too far	29%
Government does not do enough	71%

Strict Environmental Laws and Regulations

Strict laws cost jobs	36%
Strict laws worth the cost	64%

Threat of Global Warming or Climate Change

Very Serious	57%
Somewhat serious	22%
Not very serious	21%

Disposition of Undocumented Immigrants

A way for them to stay here legally	83%
Not be allowed to stay	17%

Support a 1/4 cent Sales Tax to Fight Homelessness

YES	63%
NO	37%

Are You Closer to Republican or Democratic Party

Republican	41%
Democratic	38%
Neither	21%

Even taking into account this is a poll of residents and not registered voters, let alone likely voters, there is only one conclusion. This ain't your daddy's Orange County!



A Bold Prediction

by Dr. Judith Curry - Climate Forecast Applications Network Member, NOAA Climate Working Group

Later Year El Niño?

Equatorial Pacific warming is typically produced by anomalous westerly winds that reflect weakness in the mean easterly surface flow. In the April-May window of initial spring warming, westerly wind anomalies appear over the central Pacific (Fig. 9C) in conjunction with significant wind anomalies of both signs throughout much of the tropics as well as the Arctic. Fall warming in October-November (Fig. 9D) is similarly traceable to equatorial westerly wind anomalies (Fig. 9E) that extend over much of the tropical and subtropical Pacific and the globe, including both polar regions.

Our current forecast approach, by estimating the December ENSO state, implicitly accounts for all contributing processes during the calendar year.

Forecast summary

CFAN's near-term prediction of ENSO is for a transition to neutral conditions over summer. Our extended-range statistical model predicts an average value of Nino3.4 0.6°C for December 2018. The forecast probabilities are:

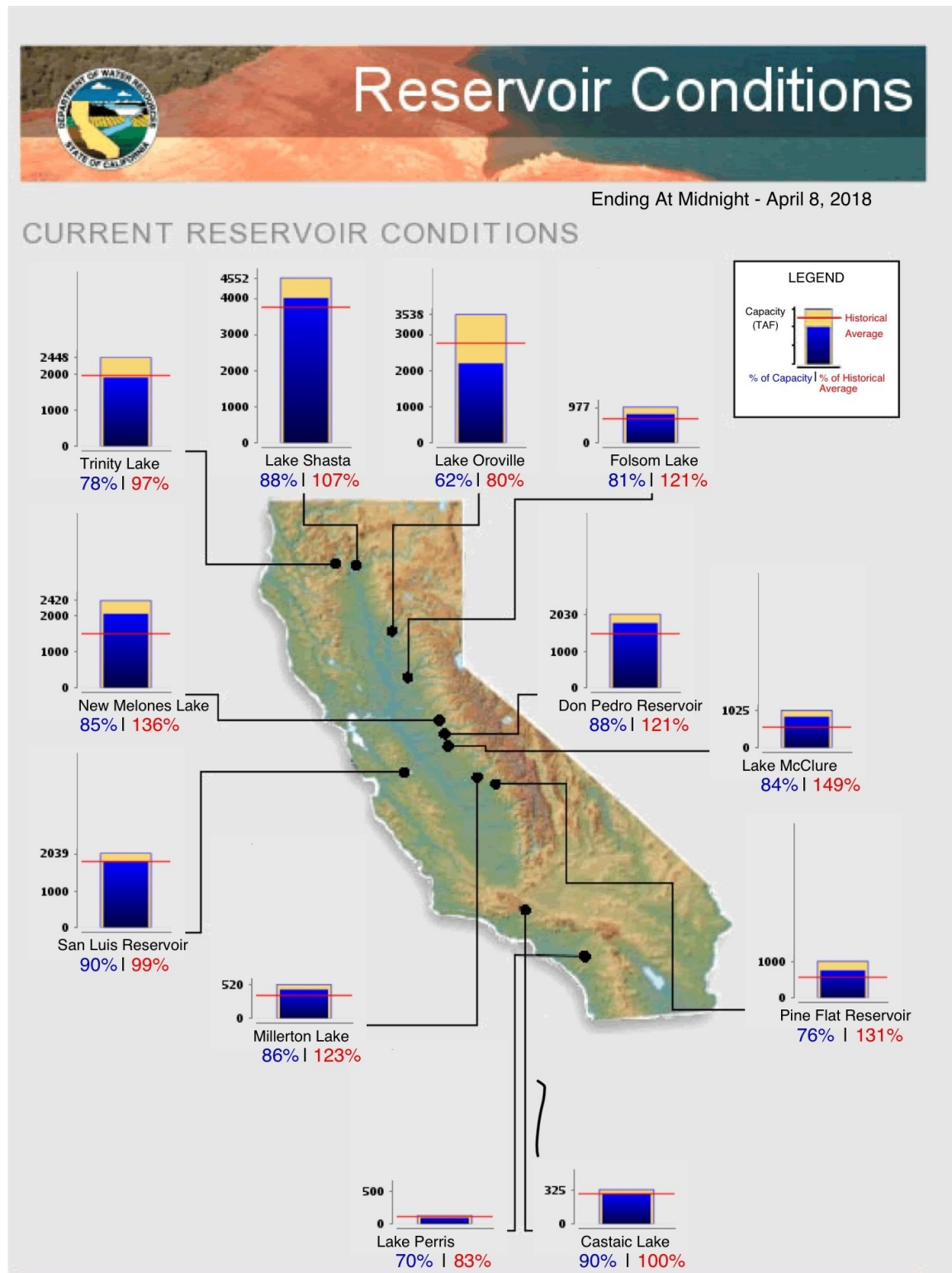
El Nino	> 0.5	40%
Neutral +	0 to +0.5	46%
Neutral -	-.05 to 0	13%
La Nina	< -0.5	0%



Lake Oroville, Second Largest Reservoir After Lake Shasta Continues to Quickly Re-fill

February 20, 2018 1.46 million acre feet
 March 20, 2018 2.09 million acre feet
 April 9, 2018 2.21 million acre feet

Since March 11th Oroville levels have increased from 42% of capacity to 62% of capacity now and from 59% of historic levels to 80% presently.



To: East Orange County Water District
From: Townsend Public Affairs, Inc.
Date: April 6, 2018
Subject: Monthly Political and Activity Report

State Political Update

In the month of March, the Legislature focused on amending their spot bills and passing all legislation out of policy committees. Additionally, the Legislature started their Spring Recess on March 22 and returned on April 2. The Legislature has roughly three weeks to pass several hundred bills out of policy committees before the deadline on April 27.

Below is a list of upcoming dates in the Legislature:

- **April 27** – Last day to pass fiscal bills out of their policy committees
- **May 11** – Last day to pass non-fiscal bills out of their policy committees

On March 21st, Senator Toni Atkins was sworn in as the new President Pro Tem of the California State Senate, the first woman to hold the Senate's top position. Senator Atkins also served as Speaker in the State Assembly from 2014 to 2016. Pro Tem Atkins will take over the Senate from Senator Kevin de Leon in time to lead her caucus through the upcoming budget negotiations, as well as oversee the Senate Democratic Caucus through the 2018 primary and general elections. Pro Tem Atkins has not yet indicated what the top priorities will be for the remainder of the session; however, based on her past areas of interest, it is likely that she will want to focus on issues related to affordable housing and homelessness, as well as job creation and economic development. In the coming weeks, the new Pro Tem will put her leadership team into place, which may include changes in committee membership.

Department of Finance State Economic Update

In March, the Department of Finance reported that unemployment in California reached a new historical low of 4.4 percent. The construction industry was the largest contributor to these new lows, as they added 11,100 new jobs in January 2018, followed next by trade, transportation, and utilities (10,800) and educational and health services (10,700).

Additionally, California's general fund revenue for the month of February was roughly \$300 million below what was forecasted in the Governor's January Budget. This is likely due to taxpayer's reaction to new federal tax laws passed in late 2017, as nearly all of this deficit came from personal income tax revenues. As a result of the new federal tax laws, the Department of Finance reported significant increases in tax revenue in November and December of 2017 and expected to recognize a sizeable decrease in early 2018 from their projections. Despite the recent decrease in revenue, the State has so far collected more than \$2.5 billion above the forecast in the Governor's January Budget.

Priority Legislation

AB 1876 (Frazier) – Sacramento-San Joaquin Delta: Delta Plan: administration

AB 1876 would dissolve the Delta Stewardship Council and replace it with the Delta Protection Commission starting in 2020. A primary function of the Delta Stewardship Council is the consideration and adoption of the Delta Plan. **AB 1876 is currently in the Assembly Water, Parks, and Wildlife Committee and will be heard on April 24.**

SB 623 (Monning) – Water quality: Safe and Affordable Drinking Water Fund

SB 623 aims to create the Safe and Affordable Drinking Water Fund to help ensure the long-term sustainability of drinking water service and infrastructure for communities that do not have access to safe drinking water. One of the funding components of this bill is a proposed fee on each customer of a public water system. The rest of the fees proposed are targeted at the agricultural community through the taxation of fertilizer and milk. Although the bill failed to pass the Legislature in 2017, bill sponsors (Community Water Center and Western Growers Association) are committed to the passage of SB 623 in 2018. **Stakeholders have negotiated amendments to SB 623, however they are not yet in print. SB 623 is still being held in the Assembly Rules Committee waiting for amendments to be in print.**

SB 998 (Dodd) – Discontinuation of residential water service: urban and community water systems

SB 998 would require an urban and community water system to have a written policy on their website that addresses the discontinuation of water service. Additionally, this bill would prohibit an urban and community water system from discontinuing a customer's water service for nonpayment unless the customer has been delinquent for longer than 60 days. Furthermore, the bill would require water systems to receive notice from a local health agency that the discontinuation of water service would not pose a grave health threat to the customer. SB 998 would also prevent the discontinuation of water service in a variety of additional situation and circumstances. **SB 998 passed the Senate Energy, Utilities, and Communications Committee on April 3. SB 998 is currently in the Senate Environmental Quality Committee and will be heard on April 18.**

Federal Legislative Update

In March, Congress finalized funding levels for the remainder of Fiscal Year (FY) 2018, which will keep the federal government open through September 30, 2018.

Congress will spend April focused on the FY19 appropriations process, while leadership will consider other key policy areas. Divisions within Congress over the scope and cost of a number of issues, including infrastructure, immigration, gun violence, health care, education, and job training, may hinder rapid congressional action.

FY 2018 Funding Finalized



On March 23, President Trump signed a \$1.3 trillion spending bill, which averted a government shutdown. While he expressed his support for increased in military and homeland security spending, President Trump called on Congress to institute reforms in time for the next funding bill, including:

- Refraining from finalizing large spending bills so close to funding deadlines, resulting in not be enough time to thoroughly review them.
 - Congress released and voted on this 2232-page bill just hours before passage.
 - President Trump said he would not sign another bill under such circumstances.
- Providing line-item veto power to the President on spending bills.
 - Congress provided this authority to the President in 1996 in an effort to reduce federal government spending.
 - However, the Supreme Court ruled in 1998 that presidential line-item veto authority is unconstitutional.
 - As such, reinstituting presidential line-item veto authority on spending bills would require a reversal by the Supreme Court or a constitutional amendment.
- Eliminating the filibuster rule, which generally requires a 60-vote threshold on procedural votes in the Senate to advance most legislation.
 - While the majority party can eliminate the filibuster at any time, the threat of what would happen if the minority party became the majority is a strong deterrent.
 - A bipartisan group of 61 Senators sent a letter to Senate leadership in April 2017 urging them to preserve the 60-vote threshold.

Details on omnibus funding levels:

- \$6.83 billion for the Army Corps of Engineers, \$789 million more than FY 2017
- \$1.47 billion for the Bureau of Reclamation, \$163 million more than FY 2017
- \$1.69 billion for the Clean Water State Revolving Fund
- \$1.16 billion for the Drinking Water State Revolving Fund
- \$63 million for the Water Infrastructure Finance and Innovation Act (WIFIA) program, so that it can support more than \$6 billion in loans
- Increases Water Infrastructure Improvements for the Nation Act (WIIN Act) storage spending designed to partially match Proposition 1 storage dollars from \$67 million to \$134 million
- \$54.4 million for water recycling
- \$12 million for the WIIN Desalination program
- \$37 million for CALFED
- \$30 million for WIIN operational review and listed species actions
- \$20 million for funding California water projects
- \$4.35 million for design and pre-construction work on the Shasta Reservoir Enlargement Project
- \$1.5 million to complete a feasibility study for the Temperance Flat Reservoir project
- \$2.2 million to begin a feasibility study to address subsidence problems concerning the Friant Kern Canal

FY 2019 Funding Cycle



Congress will begin to develop FY2019 funding under a regular order process, which means Congress will draft, amend, and pass 12 appropriations bills prior to the beginning of FY 2019 on October 1, 2018. Currently, Congress is holding committee hearings to question department heads on funding priorities and seeking input on funding levels from stakeholders. TPA has already begun to engage in this process to advocate for your funding priorities.

Bureau of Reclamation WaterSMART Programs Open

The Bureau of Reclamation (BOR) opened major funding programs in March:

- **WaterSMART Water and Energy Efficiency Grant Program**, which provides 50/50 cost share funding to irrigation and water districts, tribes, states and other entities with water or power delivery authority. Projects conserve and use water more efficiently; increase the production of hydropower; mitigate conflict risk in areas at a high risk of future water conflict; and accomplish other benefits that contribute to water supply reliability in the western United States. Projects are selected through a competitive process and the focus is on projects that can be completed within two or three years. *Closes on Thursday, May 10, 2018*
- **WaterSMART Water Marketing Strategy Grants**, which allows BOR to aid states, tribes, and local governments to conduct planning activities to develop water marketing strategies that establish or expand water markets or water marketing activities between willing participants, in compliance with state and Federal laws. *Closes on Tuesday, July 18, 2018*
- **WaterSMART Small-Scale Water Efficiency Projects**, which allows BOR to provide 50/50 cost share funding to irrigation and water districts, tribes, states and other entities with water or power delivery authority for small water efficiency improvements that have been identified through previous planning efforts. Projects eligible for funding include installation of flow measurement or automation in a specific part of a water delivery system, lining of a section of a canal to address seepage, or other similar projects that are limited in scope. *Closes on Tuesday, July 31, 2018*

Federal Legislation

- **H.R. 5127 Water Recycling Investment and Improvement Act (Napolitano, D-CA)**
 - **Status:** No change since introduced on February 28, 2018. As a senior member of the House Committee on Natural Resources, as well as on the Water and Power Subcommittee, Congresswoman Napolitano has some power to overcome her party's minority status. Look for possible inclusion of her bill in a forthcoming water bill.
 - **Summary:** This bill would increase authorization for funding for the Bureau of Reclamation's Title XVI water recycling competitive grant program from \$50 million to \$500 million, and reauthorizes the expired EPA Alternative Water Source Projects Program at an authorized level of \$375 million to fund projects that conserve, manage, reclaim, or reuse water, wastewater, or stormwater.



- **H.R. 434 New WATER Act (Denham, R-CA)**
 - **Status:** No change since introduction on January 11, 2017. Renewed interest due to the forthcoming infrastructure package. Supporters are eyeing ways to get this bill included in the package.
 - **Summary:** This bill would authorize a pilot project for an innovative water project financing program.
- **H.R. 465 Water Quality Improvement Act (Gibbs, R-OH):**
 - **Status:** No change since introduced on January 2, 2017. Renewed interest due to the forthcoming infrastructure package. Supporters are eyeing ways to get this bill included in the package.
 - **Summary:** This bill would seek to give municipalities more flexibility when complying with EPA mandates by setting into law an EPA program called Integrated Planning, which gives local governments the ability to prioritize projects and mandates in an effort to provide clean water for residents.



East Orange County Water District

Priority Legislation

April 6, 2018

[AB 196](#)

([Bigelow](#) R) Greenhouse Gas Reduction Fund: water supply and wastewater systems.

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

Introduced: 1/19/2017

Last Amend: 3/6/2017

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

Desk	Policy	Fiscal	Floor	Desk	Policy	2 year	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

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

Position

[AB 732](#)

([Frazier](#) D) Delta levee maintenance.

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

Introduced: 2/15/2017

Last Amend: 5/30/2017

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

Desk	Policy	Fiscal	Floor	Desk	Policy	2 year	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law establishes a delta levee maintenance program pursuant to which a local agency may request reimbursement for costs incurred in connection with the maintenance or improvement of project or nonproject levees in the Sacramento-San Joaquin Delta. Current law declares legislative intent to reimburse eligible local agencies under this program, until July 1, 2018, in an amount not to exceed 75% of those costs that are incurred in excess of \$1,000 per mile of levee. Current law, until July 1, 2018, authorizes the board to provide funds to an eligible local agency under this program in the form of an advance in an amount that does not exceed 75% of the estimated state share. This bill would extend until July 1, 2020, the operation of that declaration of legislative intent and the authorization to advance funds.

Position

[AB 869](#)

([Rubio](#) D) Sustainable water use and demand reduction: recycled water.

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

Introduced: 2/16/2017

Last Amend: 8/24/2017

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

Desk	Policy	Fiscal	Floor	Desk	2 year	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

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

recycled water, as specified.

Position

AB 1000

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

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

Introduced: 2/16/2017

Last Amend: 7/3/2017

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

Desk	Policy	Fiscal	Floor	Desk	Policy	2 year	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

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

Position

AB 1273

(Gallagher R) California Environmental Quality Act: exemption: levee repairs.

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

Introduced: 2/17/2017

Last Amend: 5/2/2017

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

Desk	Policy	Fiscal	Floor	Desk	2 year	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would, until July 1, 2023, exempt from the requirements of CEQA repairs of critical levees of the State Plan of Flood Control within an existing levee footprint to meet standards of public health and safety, except as otherwise provided in a specified regulation. The bill would require the lead agency to take certain actions regarding the repairs. This bill contains other existing laws.

Position

Spot

AB 1323

(Weber D) Sustainable water use and demand reduction: stakeholder workgroup.

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

Introduced: 2/17/2017

Last Amend: 5/30/2017

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

Desk	Policy	Fiscal	Floor	Desk	Policy	2 year	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would, with a specified exception, require the Department of Water Resources to convene a stakeholder workgroup with prescribed representatives invited to participate, including, among others, representatives of the department and the State Water Resources Control Board, no later than February 1, 2019. The bill would require the stakeholder workgroup to develop, evaluate, and recommend proposals for establishing new water use targets for urban water suppliers and to examine and report to the Governor and the Legislature by December 31, 2019, as specified.

Position

AB 1667

(Friedman D) Water management planning.

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

Introduced: 2/17/2017

Last Amend: 7/3/2017

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

Desk	Policy	Fiscal	Floor	Desk	2 year	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the State Water Resources Control Board, in consultation with the Department of Water Resources, to adopt long-term standards for urban water conservation and water use on or before May 20, 2021. The bill would also require the board, in consultation with the department, to adopt performance measures for commercial, industrial, and institutional water use on or before that date.

Position

[AB 1668](#)

([Friedman D](#)) Water management planning.

Current Text: Amended: 4/4/2018 [html](#) [pdf](#)

Introduced: 2/17/2017

Last Amend: 4/4/2018

Location: 9/15/2017-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. Current law requires each urban retail water supplier to develop urban water use targets and an interim urban water use target, as specified. This bill would require the State Water Resources Control Board, in coordination with the Department of Water Resources, to adopt long-term standards for the efficient use of water, as provided, and performance measures for commercial, industrial, and institutional water use on or before June 30, 2022.

Position

Oppose

[AB 1876](#)

([Frazier D](#)) Sacramento-San Joaquin Delta: Delta Plan: administration.

Current Text: Amended: 4/3/2018 [html](#) [pdf](#)

Introduced: 1/16/2018

Last Amend: 4/3/2018

Location: 1/29/2018-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/24/2018 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, Chair

Summary: The Sacramento-San Joaquin Delta Reform Act of 2009 establishes the Delta Stewardship Council, which consists of 7 members, and requires the council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan. This bill would make the provisions establishing the Delta Stewardship Council inoperative on July 1, 2020. The bill would provide for the Delta Protection Commission, on that date, to succeed to, and to be vested with, the duties, powers, purposes, responsibilities, and jurisdiction vested in the council as of June 30, 2020.

Position

Oppose

[AB 1989](#)

([Mathis R](#)) Water and Wastewater Loan and Grant Program.

Current Text: Amended: 3/15/2018 [html](#) [pdf](#)

Introduced: 2/1/2018

Last Amend: 3/15/2018

Location: 3/15/2018-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law authorizes the State Water Resources Control Board to establish the Water and Wastewater Loan and Grant Program, to the extent funding is made available, to provide funding to eligible applicants for specified purposes relating to drinking water and wastewater treatment. This bill would appropriate \$50,000,000 from the General Fund to the board for the program.

Position

[AB 1991](#)

([Mathis](#) R) Safe Drinking Water State Revolving Fund: Internet Web site information: updates.

Current Text: Amended: 3/15/2018 [html](#) [pdf](#)

Introduced: 2/1/2018

Last Amend: 3/15/2018

Location: 3/15/2018-A. E.S. & T.M.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Safe Drinking Water State Revolving Fund Law of 1997 administered by the State Water Resources Control Board, establishes the Safe Drinking Water State Revolving Fund to provide grants or revolving fund loans for the design and construction of projects for public water systems that will enable those systems to meet safe drinking water standards. Current law requires the board, at least once every 2 years, to post information on its Internet Web site regarding implementation of the Safe Drinking Water State Revolving Fund Law and expenditures from the Safe Drinking Water State Revolving Fund, as specified. This bill would require the board to post the information at least annually.

Position

[AB 2371](#)

([Carrillo](#) D) Water use efficiency.

Current Text: Amended: 3/22/2018 [html](#) [pdf](#)

Introduced: 2/14/2018

Last Amend: 3/22/2018

Location: 3/22/2018-A. W., P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/10/2018 9:15 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, Chair

Summary: Would also require nursery stock, for any taxa listed in the Water Use Classification of Landscape Species, published by the University of California Division of Agriculture and Natural Resources, to be labeled with the correct water use classification, as identified by that publication. The bill would specify, with regard to the correct name of ornamentals being the botanical name, that the botanical name includes any subspecies, hybrid, cultivar, or variety. The bill would require nursery stock on display for sale at retail to be individually labeled, except as specified.

Position

[AB 2692](#)

([Arambula](#) D) Drinking water: infrastructure funding.

Current Text: Amended: 3/19/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amend: 3/19/2018

Location: 3/19/2018-A. E.S. & T.M.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/24/2018 1:30 p.m. - State Capitol, Room 444 ASSEMBLY ENVIRONMENTAL SAFETY AND

TOXIC MATERIALS, QUIRK, Chair

Summary: Would require the Treasurer to establish the California Safe Drinking Water Revolving Loan Program to provide loans to public water systems to address critical water infrastructure needs of those systems. The bill would establish the California Safe Drinking Water Revolving Loan Fund in the State Treasury and would require the Treasurer, upon appropriation by the Legislature, to expend moneys in the fund for the above purpose.

Position

[SB 519](#)

([Beall](#) D) Santa Clara Valley Water District.

Current Text: Amended: 1/3/2018 [html](#) [pdf](#)

Introduced: 2/16/2017

Last Amend: 1/3/2018

Location: 1/22/2018-A. DESK

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The district Santa Clara Valley Water District Act requires a candidate for the board of directors to be a resident in the electoral district for which he or she is a candidate and to continue to reside within the electoral district during his or her term of office. The district act requires a vacancy in the office of any director to be filled, as specified. This bill would require any director appointed or elected to fill a vacancy to represent the electoral district in which the vacancy occurred and to be a qualified elector residing in the electoral district in which the vacancy occurred.

Position

[SB 606](#)

([Skinner](#) D) Water management planning.

Current Text: Amended: 4/5/2018 [html](#) [pdf](#)

Introduced: 2/17/2017

Last Amend: 4/5/2018

Location: 4/5/2018-A. THIRD READING

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/9/2018 #42 ASSEMBLY THIRD READING FILE - SENATE BILLS

Summary: Would require an urban retail Water supplier to calculate an urban water use objective no later than November 1, 2023, and by November 1 every year thereafter, and its actual urban water use by those same dates. The bill would require an urban retail water supplier to submit a report to the department for these purposes by those dates. The bill would authorize the board to issue information orders, written notices, and conservation orders to an urban retail water supplier that does not meet its urban water use objective, as specified. The bill would authorize the board to waive these requirements for a period of up to 5 years, as specified.

Position

[SB 623](#)

([Monning](#) D) Water quality: Safe and Affordable Drinking Water Fund.

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

Introduced: 2/17/2017

Last Amend: 8/21/2017

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

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

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

Position

SB 750**(Hueso D)** Vehicles: license plate pilot programs.Current Text: Amended: 6/28/2017 [html](#) [pdf](#)

Introduced: 2/17/2017

Last Amend: 6/28/2017

Location: 9/1/2017-A. 2 YEAR

Desk	Policy	Fiscal	Floor	Desk	Policy	2 year	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law authorizes the Department of Motor Vehicles to conduct a pilot program, to be completed no later than January 1, 2019, to evaluate the use of alternatives to stickers, tabs, license plates, and registration cards, subject to certain requirements, and to report the results of the pilot program, as specified, to the Legislature no later than July 1, 2020. Current law also authorizes the department to enter into contracts with qualified private industry partners to provide specified service relating to the registration of vehicles. This bill would specify that the authorization to establish the above-mentioned pilot program includes the authority to establish a pilot program to evaluate alternative methods of collecting fees related to the registration of a motor vehicle or the purchase, renewal, or transfer of license plates.

Position

SB 778**(Hertzberg D)** Water systems: consolidations: administrative and managerial services.Current Text: Amended: 7/13/2017 [html](#) [pdf](#)

Introduced: 2/17/2017

Last Amend: 7/13/2017

Location: 9/1/2017-A. 2 YEAR

Desk	Policy	Fiscal	Floor	Desk	Policy	2 year	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require, on or before March 1, 2018, and regularly thereafter, as specified, the State Water Resources Control Board to track and publish on its Internet Web site an analysis of all voluntary and ordered consolidations of water systems that have occurred on or after July 1, 2014. The bill would require the published information to include the resulting outcomes of the consolidations and whether the consolidations have succeeded or failed in providing an adequate supply of safe drinking water to the communities served by the consolidated water systems.

Position

SB 831**(Wieckowski D)** Land use: accessory dwelling units.Current Text: Amended: 3/13/2018 [html](#) [pdf](#)

Introduced: 1/4/2018

Last Amend: 3/13/2018

Location: 1/16/2018-S. T. & H.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/17/2018 3:30 p.m. - John L. Burton Hearing Room (4203) SENATE TRANSPORTATION AND HOUSING, BEALL, Chair

Summary: The Planning and Zoning Law authorizes a local agency to provide by ordinance for the creation of accessory dwelling units in single-family and multifamily residential zones and sets forth standards the ordinance is required to impose, including, among others, maximum unit size, parking, and height standards. Current law authorizes a local agency, special district, or water corporation to require a new or separate utility connection between the accessory dwelling unit and the utility and authorizes a fee to be charged, except as specified. Current law requires a local agency to submit an ordinance adopted for the creation of accessory dwelling units to the Department of Housing and Community Development and authorizes the department to review and comment on the ordinance. This bill would delete the requirement that the area be zoned to allow single-family or multifamily use.

Position

[SB 919](#)

([Dodd D](#)) Water resources: stream gages.

Current Text: Amended: 3/15/2018 [html](#) [pdf](#)

Introduced: 1/22/2018

Last Amend: 3/15/2018

Location: 3/15/2018-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/16/2018 10 a.m. - John L. Burton Hearing Room (4203) SENATE APPROPRIATIONS, LARA, Chair

Summary: Would require the Department of Water Resources, upon appropriation by the Legislature, to develop a plan to deploy a network of stream gages that includes a determination of funding needs and opportunities for reactivating existing gages. The bill would require the department, in consultation with the board, the Department of Fish and Wildlife, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management.

Position

[SB 929](#)

([McGuire D](#)) Special districts: Internet Web sites.

Current Text: Amended: 3/6/2018 [html](#) [pdf](#)

Introduced: 1/25/2018

Last Amend: 3/6/2018

Location: 4/4/2018-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/16/2018 10 a.m. - John L. Burton Hearing Room (4203) SENATE APPROPRIATIONS, LARA, Chair

Summary: The California Public Records Act requires a local agency to make public records available for inspection and allows a local agency to comply by posting the record on its Internet Web site and directing a member of the public to the Web site, as specified. This bill would, beginning on January 1, 2020, require every independent special district to maintain an Internet Web site that clearly lists contact information for the special district, except as provided. Because this bill would require local agencies to provide a new service, the bill would impose a state-mandated local program.

Position

[SB 952](#)

([Anderson R](#)) Water conservation: local water supplies.

Current Text: Introduced: 1/30/2018 [html](#) [pdf](#)

Introduced: 1/30/2018

Location: 1/30/2018-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would state the intent of the Legislature to enact legislation that would require the State Water Resources Control Board to recognize local water agency investment in water supply and will ensure that local agencies receive sufficient credit for these investments in meeting any water conservation or efficiency mandates.

Position

[SB 959](#)

([Beall D](#)) Water corporation: advice letters.

Current Text: Amended: 3/22/2018 [html](#) [pdf](#)

Introduced: 1/31/2018

Last Amend: 3/22/2018

Location: 4/5/2018-A. DESK

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
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1st House	2nd House	Conc.			
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Summary: Under current law, the Public Utilities Commission has regulatory authority over public utilities, including water corporations, as defined. This bill would require a water corporation with more than 10,000 service connections to maintain, for a certain period, on its Internet Web site an archive of all advice letters that are pending, approved, or rejected on or after January 1, 2019, in a specified manner and with prescribed information.

Position

SB 966

(Wiener D) Onsite treated nonpotable water systems.

Current Text: Amended: 3/21/2018 [html](#) [pdf](#)

Introduced: 1/31/2018

Last Amend: 3/21/2018

Location: 4/4/2018-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would, on or before December 1, 2022, require the State Water Resources Control Board, in consultation with the California Building Standards Commission, to adopt regulations for risk-based water quality standards for the onsite treatment and reuse of nonpotable water, as provided. The bill would authorize the state board to contract with public or private entities regarding the content of the standards and would exempt those contracts from, among other provisions, review and approval of the Department of General Services.

Position

SB 979

(Cannella R) Water Quality, Supply, and Infrastructure Improvement Act of 2014.

Current Text: Introduced: 2/1/2018 [html](#) [pdf](#)

Introduced: 2/1/2018

Location: 2/1/2018-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: The Water Quality, Supply, and Infrastructure Improvement Act of 2014 provides that the sum of \$810,000,000 is to be available, upon appropriation by the Legislature, for expenditures on, and competitive grants and loans to, projects that are included in and implemented in an adopted integrated regional water management plan and respond to climate change and contribute to regional water security. The bond act requires \$200,000,000 of that amount to be available for grants for multibenefit stormwater management projects. This bill would make a nonsubstantive change in those grant provisions.

Position

SB 998

(Dodd D) Discontinuation of residential water service: urban and community water systems.

Current Text: Amended: 3/22/2018 [html](#) [pdf](#)

Introduced: 2/5/2018

Last Amend: 3/22/2018

Location: 4/3/2018-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Calendar: 4/18/2018 9:30 a.m. - Room 3191 SENATE ENVIRONMENTAL QUALITY, WIECKOWSKI, Chair

Summary: Would require an urban and community water system, defined as a public water system that supplies water to more than 200 service connections, to have a written policy on discontinuation of water service to certain types of residences for nonpayment available in English, Spanish, or any other language spoken by at least 10% of the people residing in its service area. The bill would require the policy to include certain components, be available on the system's Internet Web site, and be provided to customers in writing, upon request.

Position

Oppose

SB 1215

([Hertzberg D](#)) Drinking water systems and sewer systems: consolidation and extension of service.

Current Text: Introduced: 2/15/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Location: 3/1/2018-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 4/18/2018 9:30 a.m. - Room 3191 SENATE ENVIRONMENTAL QUALITY, WIECKOWSKI, Chair

Summary: Current law declares it to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This bill would also authorize the state board to set timeline and performance measures to facilitate completion of extension of service of drinking water. This bill contains other related provisions and other current laws.

Position

SCA 4

([Hertzberg D](#)) Water conservation.

Current Text: Introduced: 2/2/2017 [html](#) [pdf](#)

Introduced: 2/2/2017

Location: 2/2/2017-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The California Constitution requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable and that the waste or unreasonable use or unreasonable method of use of water be prevented. This measure would declare the intent of the Legislature to amend the California Constitution to provide a program that would ensure that affordable water is available to all Californians and to ensure that water conservation is given a permanent role in California's future.

Position

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
Subject: PUBLICATIONS
DATE: APRIL 19, 2018

Background

Attached to this memo is a copy of information pertinent to current events in the water industry:

- “The delta tunnels plan is costly, risky and unfair to L.A. It’s also the right thing to do”
Editorial Board, Los Angeles Times, April 12, 2018
- “Is Arizona doing everything it can to avoid a shortage on the Colorado River?”
Warren Tenney, Arizona Municipal Water Users Association, April 9, 2018
- “Dismal forecast for Lake Powell runoff heightens future CAP shortage risk” Tony
Davis, Arizona Daily Star, April 8, 2018

Financial Impact

None.

Recommendation

The Board receive and file.

The delta tunnels plan is costly, risky and unfair to L.A. It's also the right thing to do

By THE TIMES EDITORIAL BOARD
APR 12, 2018 | 4:10 AM



The Sacramento River in the San Joaquin-Sacramento River Delta, near Courtland, Calif. on Feb. 23, 2016. (Rich Pedroncelli / Associated Press)

In voting Tuesday to pay two-thirds of the cost of building two tunnels to divert river water around the Sacramento-San Joaquin River Delta and direct it southward, the Southern California Metropolitan Water District's board bought into a plan that's costly, risky, uncertain and unfair. And it is taking its ratepayers with it, because they will have to shoulder the costs on their water bills.

But it was the right move nevertheless — for the ratepayers as well as for the agency. Despite the costs, the risks and all the rest, the California WaterFix, as the tunnel project is known, remains the cheapest and least speculative option for Southern California to secure a continuing water supply as the combined effects of climate change, environmental restoration mandates and increasing demands by other states and nations slow the flow of imported water to the region.

It is a shame that the project will not unify the state the way its designers originally envisioned: as an integrated plan serving and supported by cities, agriculture, the north and the south. Large San Joaquin Valley agricultural districts rejected participation late last year, leading the state and the MWD to consider a single-tunnel alternative to reduce costs. But a scaled-back project would also severely reduce benefits.

So the MWD moved forward with the two-tunnel option — even though Los Angeles and San Diego, the state's two largest cities and urban water users, voted in vain against the proposal at Tuesday's meeting, each for its own reasons.

In fact, the reasoning behind Los Angeles' stance — its desire to rely less on imports from distant mountains and rivers and more on water that is recaptured and reused locally — is wise and properly motivated. Mayor Eric Garcetti has set an ambitious and laudable goal to obtain half of the city's water locally, from stormwater runoff and wastewater recycling, by 2035.

Even if we use more locally acquired water, the region will still have to contend with a shrinking supply from the diminished Colorado River.

Share quote & link



But despite the new approach, the city is woefully behind in developing its local water capability. It was deterred for too long by the foolish "toilet-to-tap" pushback of the 1990s, in which politicians exploited residents' unfounded fears that recycling would feed sewage into our faucets, showers and swimming pools. And the city's Department of Water and Power, in that era, was only too happy to keep its vision laser-focused on importing mountain water. It's good that such thinking has faded, and that real effort and money are going into local storage and reuse.



For the present, though, Los Angeles' water portfolio is divided up pretty much the same way it has been for decades, with less than 20% of water acquired locally, only a trifle recycled, and the vast majority of it imported. In fact, imports by the Metropolitan Water District have increased, as the city has taken less from its own Eastern Sierra aqueducts to repair the environmental damage the city had been causing Mono Lake and the Owens Valley.

Reducing imports over the long term is the right goal. But imported water from the delta will always be part of the mix. Even if we use more locally acquired water, the region will still have to contend with a shrinking supply from the diminished Colorado River, which also is affected by climate change and is being increasingly tapped by other Western states that have rights to it. We're also leaving more water in place in the Owens Valley (except for deluge years like 2017).

It is telling that, while Los Angeles board members were voting "no" on the delta tunnels, Orange County — the state's leader in wastewater recycling and reuse — was voting "yes." Its representatives recognize the need for a reliable import system alongside a modern local-water program. The same is true for other parts of Southern California that are leaps and bounds ahead of L.A. on stormwater capture. It is good that Los Angeles is trying to catch up, but it should learn from the experience of its neighbors.

And part of that experience is that the tunnels project, despite the \$4.80 that Met predicts it will add to the monthly bill of Southern California ratepayers, is less expensive than recycling, desalination and other local projects.

The unfairness is that a project that was supposed to be financed by many of the state's water users will now be paid for, if it moves forward, just by Southern California ratepayers. But that doesn't mean that it's not still the best deal for those same ratepayers. It's certainly better than merely standing by as their water connection to the rest of the state dries up.

Is Arizona Doing Everything It Can to Avoid Shortage on the Colorado River?



By Warren Tenney

The AMWUA cities believe more must be done to keep the federal government from declaring a shortage on the Colorado River. Here are the reasons why this is important to you:

- If the elevation of Lake Mead falls below 1,075 feet, the U.S. Secretary of the Interior would declare a shortage and Arizona's entitlement to Colorado River water would be reduced by 320,000 acre-feet.
- It's becoming more likely that the Lake could fall below the trigger point of 1,075 feet because of the ongoing drought.
- Colorado River water delivered by the Central Arizona Project (CAP) canal accounts for almost 40 percent of the water supplies of the AMWUA cities (<http://www.amwua.org/who-we-are%22%20%5C%20%22our-members>).
- CAP water for municipalities would not be impacted by the initial shortage declaration of Colorado River water, but the cost of water delivered to the cities would greatly increase.
- If the Lake continues to fall into a deeper shortage, municipal water supplies would begin to be affected.
- A shortage declaration would impact the entire state, its economy and how Arizona is perceived.

Understanding these risks, the Arizona Department of Water Resources (<http://www.azwater.gov/azdwr/>) has been negotiating with California, Nevada and the Secretary of the U.S. Department of Interior on a "Drought Contingency Plan" (known as DCP) to keep more water in Lake Mead. The Arizona Legislature must approve any plan before the state could participate in protecting Lake Mead through the DCP.

Unfortunately, working to avoid a shortage has been sidelined by a battle over who should control Arizona's efforts to conserve water in Lake Mead: the Arizona Department of Water Resources - a state agency

that is responsible to the Governor and the Legislature - or the Central Arizona Water Conservation District (CAWCD) - a legislatively established entity that operates the Central Arizona Project (<http://www.amwua.org/blog/cap-tracking-the-flow-of-colorado-river-water-to-your-city>) (CAP) canal and is responsible to a board of directors (<https://www.cap-az.com/board/members>) elected by voters in Maricopa, Pima and Pinal Counties.

The Governor and the Arizona Department of Water Resources proposed a program to expand voluntary conservation efforts to keep Lake Mead water levels above the 1,075 feet elevation. As part of this proposal, water that one Arizona user keeps in Lake Mead could not be taken out by another Arizona water user. To ensure this, the legislature would give the Department the authority to "forbear" - or forgo - the delivery of water conserved so that it would stay in Lake Mead.

Central Arizona Project, however, argues that it is doing enough to conserve water in Lake Mead by providing an incentive for Pinal County irrigation districts to take less water and forgo the delivery of that water. It also believes that allowing other Arizona Colorado River Contractors, such as Indian Tribes, to participate in conserving water in Lake Mead would take away CAP's control of any extra Colorado River water that may become available. Additionally, CAP has expressed concern about conserving too much water in Lake Mead, arguing that the water level must be kept within a "sweet spot" to generate allowable annual releases from Lake Powell to Lake Mead.

CAP has done an admirable job of conserving water in Lake Mead the last four years, but there is room for more participation in this effort without infringing on the rights of others. Last year, the Gila River Indian Community, the City of Phoenix, the Department of Water Resources, the Bureau of Reclamation, and the Walton Family Foundation created a partnership to conserve (<https://www.phoenix.gov/news/mayor/1669>) an additional 80,000 acre-feet of water in Lake Mead. The Department of Water Resources wants to build on these successful efforts by overseeing a broader effort that includes Arizona's contractors of Colorado River water to conserve additional water in Lake Mead. Under this voluntary program, the Department would forbear the conserved water only at the request of the water user who conserved it. This effort would balance the right amount of water to conserve in Lake Mead without walking to the edge of the cliff to find the "sweet spot". The program would include public participation and protections for all involved.

The conflict over protecting Lake Mead is now complicated by competing legal arguments. In response to a request from State Sen. Gail Griffin (R-Southeast Arizona) and State Rep. Rusty Bowers (R-East Valley), the general counsel for the Arizona Legislative Council issued an opinion that the legislature may not authorize the Arizona Department of Water Resources to forgo the use of Colorado River water because that would infringe on Central Arizona Project's contract with the Secretary of the Interior. The Department of Water Resources quickly released its own legal opinion. This legal opinion says the State has authority under its 1944 Contract with the Secretary of the Interior to forbear or forgo

delivery of Colorado River water conserved by Arizona's Colorado River contractors. In fact, the legislature previously authorized the Department of Water Resources to forbear Colorado River water as recently as last year and also in 2007 and 2012. The Department maintains that nothing in its proposal would infringe on CAP's contractual rights.

Arizona Municipal Water Users Association's ten-member cities support doing more to protect Lake Mead and avoid a shortage declaration. Once below the 1,075 feet elevation, Lake Mead would more easily slide down to lower elevations based on its V-shape thus creating deeper shortages that would impact municipal supplies. Recovering from these shortages would be much harder. Our cities are in the forever business to ensure our residents have water. That requires certainty about our water supplies and shortages increase uncertainty. Erring on the side of caution and doing more to protect Lake Mead is the only responsible course.

As the debate continues and inaction gains momentum, Arizona appears to have lost the opportunity during this legislative session to do more to prevent a shortage declaration. This is regrettable and unacceptable. The governor, Legislators (<https://www.azleg.gov/findmylegislator/>), CAP Board members, and members of the whole Arizona water community need to take action to do more. The Colorado River Basin is facing one of the driest winters on record and Lake Mead's level will continue to drop. That's not good for any of us.

For nearly 50 years, AMWUA has worked to protect Phoenix area cities' ability to provide assured, safe and sustainable water supplies to their communities. We stand ready to work with all parties to prevent this inaction from becoming permanent.

For 49 years, Arizona Municipal Water Users Association has worked to protect our member cities' ability to provide assured, safe and sustainable water supplies to their communities. For more water information visit www.amwua.org (<http://www.amwua.org>).

Tags: (<http://www.amwua.org/blog?tag=>), (<http://www.amwua.org/blog?tag=>), #conservationculture (<http://www.amwua.org/blog?tag=#conservationculture>), arizona (<http://www.amwua.org/blog?tag=arizona>), arizona department of water resources (<http://www.amwua.org/blog?tag=arizona department of water resources>), arizona drought (<http://www.amwua.org/blog?tag=arizona drought>), central arizona project (<http://www.amwua.org/blog?tag=central arizona project>), city of phoenix (<http://www.amwua.org/blog?tag=city of phoenix>), lake mead (<http://www.amwua.org/blog?tag=lake mead>), arizona water (<http://www.amwua.org/blog?tag=arizona water>), lake mead elevation (<http://www.amwua.org/blog?tag=lake mead elevation>), colorado river water (<http://www.amwua.org/blog?tag=colorado river water>), arizona conservation (<http://www.amwua.org/blog?tag=arizona conservation>)

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Dismal forecast for Lake Powell runoff heightens future CAP shortage risk

By Tony Davis Arizona Daily Star Apr 8, 2018 Updated Apr 9, 2018



File photo of Lake Powell from Alstrom Point, Utah. Federal forecasters predict the spring-summer runoff into Lake Powell will be only 43 percent of normal this year. The lake is the reservoir that supports the Colorado River's Upper Basin.

Mark Henle / The Arizona Republic

Colorado River runoff that flowed like wine last year is sputtering this year, boosting future shortage possibilities.

A cutback in Central Arizona Project deliveries in 2019 is considered highly unlikely at best. But shortage risks increase dramatically in the following years, the U.S. Bureau of Reclamation says.

Federal forecasters predicted last week that the spring-summer runoff into Lake Powell will be only 43 percent of normal this year. That's due in part to a poor winter snowpack season and an expectation that the next two months' weather will be about normal.

If the forecast pans out, it will be the sixth worst runoff into the lake from the river's Upper Basin over 54 years of record-keeping.

The odds of a normal runoff season are only 3 percent today, said Greg Smith, a hydrologist for the federal Colorado Basin River Forecast Center.

The center's annual Lake Powell prediction in April is generally considered the year's most crucial forecast, coming at the start of the runoff season.

Lake Powell sends its runoff into Lake Mead. There, water is stored for future deliveries for the \$4 billion CAP. It provides drinking water to Tucson and Phoenix and irrigation water to Pinal and Maricopa county farmers.

The new forecast marks another turn in the highly irregular pattern of Colorado River flows.

Last year, spring-summer runoff into Powell was 114 percent of normal, following three years of runoff exceeding 90 percent. The high runoff provided the river enough water to survive this year's very low runoff with minimal chances of shortage for 2019.

But overall, river flows have generally declined steadily since 2000. Lake Mead has dropped from nearly 1,214 feet in elevation at the end of 1999 to 1,082 feet at the end of 2017.

That's due partly to continuing drought, and partly to a structural deficit between the amount of water people take from the river and what nature provides, state and CAP officials have said. A shortage will happen if Mead drops below 1,075 feet at the end of a year.

The steep increases in shortage risks through 2022 were triggered by this year's bad runoff forecast and the "annual imbalance" between water supply and demand from the lake, said Dan Bunk, a Bureau of Reclamation hydrologist.

The runoff forecast gives Arizona water officials "grave concern," said Tom Buschatzke, director of the state Department of Water Resources.

While continued conservation by CAP could keep the lake at 1,075 and above through 2019, California's future use of Mead water remains a big unknown, Buschatzke said.

Lake Mead could lose a total of 175,000 acre feet of water controlled by California next year due to various plans by Southern California's Metropolitan Water District, he said.

But if a river shortage looms more likely, and there's no agreement among the three Lower Colorado River Basin states to conserve more water, the Metropolitan could pull up to 400,000 more acre feet from the lake next year, he said. That by itself would drop the lake 5 more feet than expected, making a shortage more likely.

Bill Hasencamp, manager of the Metropolitan district's Colorado River program, acknowledged that if next year is dry in California, "we may have to take a substantial amount" out of Lake Mead, but 200,000 acre-feet is probably the most it would have to take. But if it looks like the drought plan won't happen, "we may have to re-evaluate," he said.

CAP manager Chuck Cullom offered a more optimistic picture. Because of continued conservation by water project users, "we expect to avoid shortage in 2019 and likely in 2020" if the weather and river runoff are favorable, he said in a written statement. Project officials expect to conserve up to 180,000 acre feet of river water this year.

The low runoff forecast comes after CAP and Arizona Department of Water Resources officials have been at odds for well over a year over how to manage the lake and river. Their disagreements dimmed hope for a three-state Drought Contingency Plan agreement to force additional conservation of river water beyond what's already planned. Gov. Doug Ducey's efforts to secure more state authority to conserve more water in Lake Mead have so far gone nowhere in the Legislature.

One thing looking increasingly unlikely is for another "Miracle May" to bail out the river system as it did in May 2015. Heavy rains in Colorado that month prevented a shortage that had seemed almost certain.

That year, the spring-summer runoff forecast in mid-April was 300,000 acre feet higher than the current forecast, hydrologist Smith said.

A Miracle May this year is "not out of the range of possibility but it's a very low probability."

By the numbers

Colorado River shortage risks:

17 percent in 2019.

49 percent in 2020.

58 percent in 2021.

63 percent in 2022.

Source: U.S. Bureau of Reclamation

MORE INFORMATION



Interstate water storage deals violated state law, former Arizona water chiefs say

- Snowpack that feeds the Colorado River and CAP ties record-low levels
- Water fight tied directly to Arizona's growth
- Feds say CAP district illegally favoring development over tribes
- Who controls the water? Arizona agencies slug it out
- US, Mexico share benefits and burdens in new Colorado River pact