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Orange, Ca 92869

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BOARD OF DIRECTORS

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Director

George A. Murdoch
Director

John L. Sears
Director

Lisa Ohlund
General Manager

March 18, 2019

**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, March 21, 2019, at 5:00 p.m. in the offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California.

Enclosed please find the agenda for the meeting.

Sincerely,

EAST ORANGE COUNTY WATER DISTRICT

By: 
**Jeff Hoskinson
District Secretary**

JAH:ad

Enclosures

cc: Mailing List

AGENDA

MEETING OF THE
EAST ORANGE COUNTY WATER DISTRICT (EOCWD)

Thursday,
March 21, 2019
185 N. McPherson Road, Orange, California

5:00 p.m.

1. **Call Meeting to Order; Pledge of Allegiance – Director Sears**
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 FEBRUARY 21, 2019 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. Resolution No. ____ - WaterSMART Grant Application Resolution for Every Drop COUNTS! (Exhibit “C”): “THAT THE BOARD APPROVES RESOLUTION NO. ____ ENTITLED, ‘RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT AUTHORIZING PARTICIPATION IN UNITED STATES BUREAU OF RECLAMATION’S WATERSMART GRANT PROGRAM FOR A RETAIL ZONE WATER METERING AND MONITORING PROJECT, AND MAKING RELEVANT FINDINGS AND AUTHORIZATIONS FOR SUCH PURPOSES.’”
- D. Review of Amended EOCWD Investment Policy (Exhibit “D”): “THAT THE BOARD APPROVE THE REVISED INVESTMENT POLICY.”

- E. Contract with Solutions, Inc. (Marilyn Thoms) for Project and Grant Assistance (Exhibit “E”): “THAT THE BOARD APPROVE THE CONTRACT WITH SOLUTIONS, INC., FOR AN AMOUNT NOT-TO-EXCEED \$150,000 FOR THE PERIOD OF APRIL 1, 2019 THROUGH MARCH 31, 2022.”
- F. Septic to Sewer – Vista Del Lago Project Status Report (Exhibit “F”): “THAT THE BOARD RECEIVE AND FILE THE VISTA DEL LAGO PROJECT STATUS REPORT.”

5. Operation, Management and Construction Matters

- A. Presentation on Poseidon Huntington Beach Desalination Project and Consideration for Approval of Resolution No. ____ – Support for Alternative Water Sources, Including Desalination (Exhibit “G”)

Recommended Motion: “THAT THE BOARD APPROVES RESOLUTION NO. ____ ENTITLED, ‘RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT PROVIDING SUPPORT FOR THE EXPLORATION, DEVELOPMENT, AND CONSTRUCTION OF ALTERNATIVE WATER SOURCE PROJECTS INCLUDING DESALINATION, RECYCLED WATER, AND STORMWATER CAPTURE.’”

- B. Notice of Grant Award – Retail Water Zone (Exhibit “H”)

Recommended Motion: None. Informational Only.

- C. Presentation on Per- and Polyfluoroalkyl Substances (Exhibit “I”)

Recommended Motion: None. Informational only.

6. Financial Matters

- A. Approval of schedules of disbursements (Exhibit “J”)
- B. Report on investments / ratification of investment activity (Exhibit “K”)
- C. Receipt and filing of financial statements (January 31, 2019) – (Exhibit “L”)

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”

7. Miscellaneous Matters

- A. Wholesale and Retail Zones Water Usage Report – February 2019 (Exhibit “M”)

Recommended Motion: “THAT THE WHOLESALE AND RETAIL ZONES 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. Monthly Legislative and Outreach Report (Exhibit “N”)

8. Informational Items

- A. General interest publications (Attachment “1”)

9. Adjournment

The scheduled date of the next Regular Meeting of the Board of Directors is **April 18, 2019**, 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 THE EAST ORANGE COUNTY WATER DISTRICT (EOCWD)

February 21, 2019

1. **Call to Order.** A Regular Meeting of the Board of Directors of the East Orange County Water District was called to order by President DOUGLASS DAVERT, Director, at 5:00 p.m. on Thursday, February 21, 2019, in the offices of the East Orange County Water District, 185 N. McPherson Road, Orange, California, with Director JOHN DULEBOHN leading the Pledge of Allegiance. JEFF HOSKINSON, Secretary, recorded the minutes of the meeting.

The following Directors were present: RICHARD BELL, DOUGLASS DAVERT, JOHN DULEBOHN, GEORGE MURDOCH, and JOHN SEARS.

Also present were:

LISA OHLUND	General Manager
SYLVIA PRADO	District Administrative Assistant
JERRY MENDZER	Operations Manager
JULIAN DE LA O SOLIS	EOCWD Staff
JEFF HOSKINSON	District Secretary and Legal Counsel
STEVEN ANDREWS	Steven Andrews Engineering
JOHN LEWIS	Lewis Consulting
NICK ARHONTES	Consultant
MIKE GRISSO	City of Tustin

2. **Public Communications to the Board.** None

3. **Items Arising After Posting of Agenda.** None

4. **Consent Calendar.**

The Board, on motion from SEARS, seconded by BELL, adopted the Consent Calendar by unanimous vote as follows:

- A. **Minutes:** THE MINUTES OF THE JANUARY 17, 2019 REGULAR MEETING OF THE BOARD WERE APPROVED AS SUBMITTED;
- B. **General Manager's Report:** THE GENERAL MANAGER'S REPORT WAS RECEIVED AND FILED;
- C. **Review of EOCWD's Investment Policy:** THE BOARD APPROVED THE REVISED INVESTMENT POLICY;
- D. **Notice of Exemption – Sidehill Booster Pump Station:** THE BOARD APPROVED THE PROPOSED NOTICE OF EXEMPTION FOR THE SIDEHILL BOOSTER PUMP STATION RELIABILITY PROJECT AND AUTHORIZED STAFF TO POST SUCH EXEMPTION WITH THE COUNTY CLERK;

- E. Appointment of Engineering Matter: THE BOARD ACKNOWLEDGED THE APPOINTMENT OF JEFFREY S. SMYTH, P.E., AS ENGINEERING MANAGER;
- F. Septic to Sewer – Vista Del Lago Project Status Report: THE BOARD RECEIVED AND FILED THE VISTA DEL LAGO PROJECT STATUS REPORT.

Director DULEBOHN commented only that the Investment Policy, approved in Item 4(C), did not reference Improvement District (“ID”) 1, and it should be all funds. Ms. Ohlund indicated she would investigate, and as appropriate, Item 4(c) would be amended and brought back to the Board for an update.

5. Operation, Management and Construction Matters.

A. Creation of Ad-Hoc Legislative Affairs Committee and Committee Appointments. President DAVERT presented the item, which arising in part in relation to the Strategic Plan implementation efforts for community representation. An ad-hoc legislative committee would be able to meet with legislators. Mr. DAVERT intended to appoint himself and Director MURDOCH to the Committee, if formed, with Vice-President BELL as the designated alternate.

ACTION TAKEN:

On motion by DULEBOHN, seconded by SEARS, the Board authorized the creation of a Legislative Affairs Ad-Hoc Committee and direct the President of the Board to appoint the two committee members and one alternate member.

B. Purchase of Combination Sewer Cleaning Truck. Ms. Ohlund presented the item, referencing the materials in the agenda packet. Ms. Ohlund indicated this was a serious purchase for EOCWD, as it was investing in a 15-20 year piece of equipment, and acknowledged Justin Davis and Jerry Mendzer’s efforts in putting together the report after weeks of field testing. Director BELL indicated that the Engineering Committee agreed with the conclusions of the report.

ACTION TAKEN:

The Board, on motion by BELL, seconded by DULEBOHN, unanimously approved the purchase of a 2019 Titan Combination Sewer Cleaning Truck with freightliner chassis from Municipal Maintenance Equipment for a not-to-exceed price of \$468,730.82.

**** ITEM 7(C) WAS TAKEN OUT-OF-ORDER**

7. Miscellaneous Matters.

D. Monthly Legislative and Outreach Report. John Lewis made a report to the Board, relative to the Local Agency Formation Commission, and the San Juan Capistrano water department transition; the Orange County Board of Supervisors, and in particular the Third District election; and statewide reservoir status.

Ms. Ohlund also provided an overview of the Townsend Report, as submitted in the agenda materials, including an update on pending bills relative to perfluorooctant sulfonate (PFOS) and perfluorooctant acid (PFOA) contamination, and the water tax.

****THE REMAINDER OF THE AGENDA WAS HEARD IN ORDER AS FOLLOWS**

5. Operation, Management and Construction Matters.

C. Mid-Year Strategic Plan Review. Ms. Ohlund presented the plan update on the 2017 Strategic Plan. Ms. Ohlund reviewed the status of items in the Strategic Plan, and summary of the actions taken therewith. President DAVERT inquired as to whether the Strategic Plan would be undergoing an update, as it has been two years since the last plan.

ACTION TAKEN:

The Board, on motion by DULEBOHN seconded by BELL, the Board received and filed the Mid-Year Strategic Plan Review.

6. Financial Matters.

A. Approval of schedules of disbursements.

B. Report on investments/ratification of investment activity.

C. Receipt and filing of financial statements (December 31, 2018).

Ms. Ohlund pointed out that tax money received resulted in a positive on income statements. Director SEARS had an inquiry relative to the Local Agency Investment Fund ("LAIF").

ACTION TAKEN:

The Board, on motion by SEARS, seconded by DULEBOHN, unanimously: (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 – January 2019. Ms. Ohlund presented the item, indicating that EOCWD flushed 7 acre-feet per year in January. Operations Manager Jerry Mendzer indicated that flushing was occurring weekly. An analysis on low-demand requirements is being undertaken, and EOCWD is doing a sample and analysis of the wholesale system, with data return in April.

ACTION TAKEN:

Upon motion by SEARS, seconded by DULEBOHN, which carried unanimously, the Board received and filed the wholesale and retail water usage report.

B. Conference and Meeting Request.

1. Association of California Water Agencies (ACWA) Spring Conference – May 7-10, 2019

Director MURDOCH and Director SEARS indicated a desire to attend ACWA Spring Conference. Ms. Ohlund also indicated that she would likely attend, though she was not part of the Board's authorization.

ACTION TAKEN:

On motion by MURDOCH, seconded by BELL, the Board authorized attendance of Directors MURDOCH and SEARS at the ACWA Spring Conference.

C. Director's Reports on Meetings Attended at District Expense (Govt. Code § 53232.3.) and Director's Comments. Director SEARS reported attendance at the Foothill Community Association meeting, as well as the Water Advisory of Orange County, North Tustin Fire Safe, and EOCWD's Admin and Finance Committee meetings over the last month, as well as the FCA and League of Women Voters Joint Candidate Forum and a February 20, 2019 meeting with Lisa Bartlett. Director SEARS also commented on the success of the candidate forum, with approximately 350 people in attendance.

Director DULEBOHN referenced attendance at the ISDOC Quarterly Meeting luncheon. President DAVERT attended the LAFCO meeting, as well as an OCTA meeting. Director DAVERT also commented on the City of Orange receiving the voting-by-districts letter, seeking to force the City into district voting.

All directors reported attendance at the Vista del Lago Groundbreaking and the Southern California Water Coalition luncheon at Irvine Ranch Water District.

8. Informational Items.

- A. General interest publications. Nothing added.

9. Adjournment.**ACTION TAKEN:**

The meeting was adjourned at 5:46 p.m. to a regular meeting to be held on March 21, 2019, at 5:00 p.m., at 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

February 2019

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 August include:

Personnel

- Held three Sewer Management, Operations & Engineering (MOE) meetings
- Contractor Performance Pipeline completed Group 2 (of 12 Groups) routine cleaning of the system and are in the process of cleaning Group 3 in February.

Activities

- Feet of sewer main cleaned in February – 96,619
- Number of manholes inspected in February - 380
- Reviewed applications for sewer permits.
- Completed monthly siphon cleaning.
- Completed monthly hot spot cleaning.
- Performance Pipeline completed 19 sectional repairs.
- Sancon Engineering installed CIPP in 6-line segments for a total of 1,919 feet.
- Ordered new combination truck after Board approval.
- Purchased and received used CCTV truck.
- Staff received 2 days of training from vendor on CCTV equipment.
- Staff received 1 day of confined space entry and rescue training from outside consultant.
- EEC performed FOG inspection for 21 FSEs (food service establishments) in February.
- Responded to sewer call at Martin Lane – blockage in customer lateral.
- Responded to sewer call at Romelle Drive – blockage in customer lateral.
- Ordered misc. sewer supplies and tools.
- Completed USA locations
- Attended pre-construction meeting for Vista Del Lago septic to sewer project (staff).
- Attended WDR Work Group Quarterly Meeting in Garden Grove (Ops Manager).
- Reviewed and followed up on cleaning notes from contractor.
- Filed and certified a No Spill Report in CIWQS for February 2019.

Operations, Engineering & Construction

- The Board approved the Master Plan/Condition Assessment at their July 21, 2018 Meeting. **Update:** Board approved moving forward with formulating a Septic2Sewer Conversion Policy at October Workshop; policy is being developed in conjunction with the completion of the Septic System Sub-Master Plan; both are anticipated to be reviewed at the April Board Meeting.
- CIPP (Cured-In-Place-Pipe): Staff completed its review of new CCTV data and developed a list of 21 new manhole-to-manhole (full-length) pipe segments to be lined. All of the pipe segments will be root foamed in January, 30 days prior to having Sancon install the manhole to manhole liners. Sancon will be out in mid-February to start the CIPP work. Sancon will start work on 6 manhole-manhole CIPP locations the week of February 19th. **Update: This work was completed on February 26th**

Sectional Lining Work: In reviewing the CCTV data, staff also put together a list of 19 locations needing sectional liners. Performance Pipeline will start this work the week of January 14th (weather permitting). **Update: This work was completed on February 26th.**

Frame and Cover Work: Staff has put together a list of 15 locations that are in need of concrete collar replacement and or frame and cover replacement. Ayla Engineering will begin this work the week of January 14th (weather permitting). **Update: This work was completed on February .**

- Septic2Sewer – Vista del Lago: Groundbreaking Ceremony was held February 9th; contractor is beginning mobilization. The easement document was signed and recorded. **Update: A pre-construction meeting was held February 20th. Construction was scheduled to begin March 4th. Due to rain, the project was delayed. The contractor has begun mobilization and prep work and will be breaking ground March 18th.**
- Combination Truck Acquisition Process: New: After development of baseline specifications and review of five potential candidate combination jetter/vacuum sewer cleaning trucks, staff reduced the number of potential candidates to three: Vactor, Vac-Con and Vac-GAP. All of these manufacturers build these vehicles in the United States, have repair facilities located in Southern California and all of trucks are in use at Orange County wastewater agencies. Staff commenced demonstration use (one week) of the combo trucks in late-December with the Vactor; demonstration use of the Vac-Con and Vac-Gap will occur in January. It is anticipated that staff will assemble a recommendation for purchase for the February 14th Engineering & Operations Committee Meeting and the February 21st Board Meeting. The purchase price for this vehicle will be in the \$400,000-\$500,000 range. Staff provided a recommendation to the Finance and E&O committees; item will be in front of the Board for approval at the February 21st meeting. **Update: The new combo truck was ordered on February 22nd with delivery expected in mid-April 2019.**

Permits

- **Update: 4 permits were issued in February for 3 new residential properties and 1 residential remodel in North Tustin.**

WHOLESALE ZONE

A. WZ Water Quality

Update: Demand has declined significantly since November. Flushing was required during the month of February as there was no demand on the lower zone. A total of 7.5 AF of water was flushed in February with 7.3 AF in the lower zone and 0.2 AF in the upper zone. This flushing was performed in order to maintain adequate water quality in the distribution system. Sales in the upper and lower zones for February were 140.7 AF and 9.1 AF respectively. Combined upper and lower zone water purchased in February was 149.8 AF.

Sedaru and AQUAlity are proceeding with their focused review of low demand water quality issues; flow reads are being taken six (6) times per day and water quality parameters are being sampled daily for through early March to determine the optimal operating mode during low demand periods. Staff expects to refine the proposed Water Quality Proposal and review it with the Wholesale Agencies prior to the March Board Meeting. **Update: Due to additional demand changes in the upper zone (less demand), staff will be collecting additional water quality data to provide to SEDARU and Aquality for analysis. More time will be needed to evaluate the data, prepare recommendations and provide time for review by the wholesale agencies; accordingly the policy is now scheduled for consideration at the May Board Meeting.**

B. 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, MWODC 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.

RCE will be meeting with Tustin on 5/14/18 to discuss EOCWD's proposed installation of a new Walnut turnout; funding for the turnout will be included in the WZ FY 18-19 budget. On June 13, Engineer Frank Cahill sent Water Manager Art Valenzuela a letter memorializing their meeting where EOCWD's proposal to combine/coordinate the two construction projects to minimize cost, time and disruption to the public (traffic). Tustin declined the proposal.

Engineer Andrews has developed a modified turnout design for review with the new Engineering Manager. **No Update.**

C. 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: Staff and consultants Eric O'Donnell and Marilyn Thoms review the project with the OWOW review committee at their February 21st meeting; currently the project is ranked 5th out of 25 projects within the SAWPA Watershed Region (parts of Orange, San Bernardino and Riverside Counties). The County of Orange is negotiating to obtain a firm level of funding that will be allocated to OC agencies out of the grant funding.

D. 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.

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.

EOCWD staff has provided historical import data to MWDOC who has offered to take the data and create a report that shows the discrepancy between METs meter and EOCWDs meters. MWDOC staff will be meeting with MET staff on June 18th to discuss.

MWDOC met with MET staff on June 18th and has scheduled a meeting with EOCWD staff on July 20th to discuss the outcome of that meeting. On July 23rd staff met with MWDOC staff to discuss the outcome of the meeting MWDOC had with MET staff. MWDOC reported that MET wants each of our 18 wholesale meters removed and tested at a laboratory in Utah to confirm their accuracy before they will proceed any further with resolving the metering issue. Staff has contacted the Utah laboratory and is looking into other meter validation options.

EOCWD staff met with MWDOC staff on September 7th to discuss 3 proposed options from MET to address the metering issue at OC-70. After discussion with the Engineering Committee and the WZ Member Agencies, staff will work with MWDOC staff on an interim metering solution.

Staff has contracted with WSO to conduct further investigation of the WZ metering issue; this work will be completed by mid-December. Additionally, staff has contracted with Water Pigeon to install remote data capture equipment at all WZ meters to capture meter reading data.

WSO has completed their investigation of the metering issue and is finalizing their report which they will submit before the end of December. Staff coordinated with Water Pigeon and have completed installation of the equipment at all WZ meters. Staff was able to read wz meters remotely as of December 1st.

Staff has reviewed WSOs report and will be coordinating further testing with WSO to confirm preliminary data collected during their December site visit. Staff coordinated with WSO to conduct a 2nd test which was conducted on February 12th and 13th. WSO is currently evaluating the data and will provide a report by the end of February. Staff is also evaluating the option with WSO to conduct a volumetric test using the 6 MG reservoir. **Update: Staff will meet with MWDOC staff in March to discuss the status of this issue and determine alternatives for moving forward.**

E. 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. Corrpro 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.

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

Staff has contracted with V&A to perform stray current testing near our lines to ensure they are protected from MET's recently installed cathodic protection system on the nearby Allen-McCulloch Pipeline.

Staff has requested that V&A combine the stray current testing with the annual cathodic protection survey work that is due. Staff is currently coordinating this work with V&A. This work will be completed by the end of March. **Update: The Engineering Manager is reviewing the V&A proposal and may recommend reductions in the scope of work.**

F. Handy Creek Road

The District is 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.

TIC and ATT have resolved the issue of the fiberline relocation; EOCWD's pipeline issue is still pending. **Update: No update.**

G. 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: Staff is looking into other meter validation options before installing this meter.

H. Security Issue at 6 MG Reservoir

New: On December 19, 2018, two employees of Southern California Edison, cut the fence at the 6 MG Reservoir and entered our property. A witness observed them and notified our staff, who obtained their employee information, and then contacted Orange PD; a police report was filed. An investigation is ongoing. Update: Staff is coordinating work with SCE on a power pole and removal of transformers at the site while this issue is addressed administratively. Staff is awaiting receipt of a suggested schedule from SCE for the removal and replacement of the powerpole/transformers.

I. WZ Connection Permits

Update: Three (3) WZ connection permit were issued in North Tustin.

RETAIL ZONE

1) Water Demand

The Basin Production Percentage (BPP) for 2018-2019 is 77%.

Update: 99% of the water supplied to the retail zone was groundwater during the month of February. Total retail water demand for February was 33 AF. This is the second lowest demand since the 1980s when there were fewer customers.

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.

At the December 12, 2019 Groundwater Producer's meeting, OCWD provided an update that an ad-hoc committee had been formed to evaluate the Water Storage and Exchange program.

Update: At the February 27th Special Groundwater Producers Meeting there was a long discussion as to if and how dedicated storage accounts could be implemented. IRWD provided a letter with various concepts which included establishing a water reserve fund. There was also a long discussion on whether the basin is under-utilized and how best to optimize its use. The producers requested that OCWD review historical data

and run various scenarios to see what the impact would be to the RA if storage accounts were implemented.

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 32.6% lower in February 2019 than in February 2018 and is 46.8% lower than February 2013. Water efficiency messaging continues through social media and print media (Foothill Sentry).

3) Well / Booster Station Operations

Well Levels - Update: Well water levels increased 13 feet in February as shown on the attached graph. With the recent rains, water levels were expected to make a significant recovery.

The pumping water level for the East Well is currently at 238.3 feet BGS (below ground surface). Note that pumping water levels have been as low as 297 feet BGS back in July 2014.

4) 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.

Staff is assessing wholistic approach to the backup power issue through an Energy Management Plan, and is recommending that work on the reservoir proceed in advance of resolving the backup power issue due to cost issues. AKD Consulting has been authorized to proceed with the design work for the project. Staff will be performing community outreach in early September to the homeowners located within the view shed of the reservoir site making them aware of the project as well as getting feedback from them on the aesthetics of the new design.

AKD Consulting is in the process of preparing a rendering of the project and will provide that to staff by September 25th. Staff will then meet with the homeowners as part of our community outreach to review the project and gain feedback from the residents.

AKD was asked by staff to evaluate some other potential rehab options to the Vista Panorama reservoir. Staff will be meeting with AKD the week of November 12th to discuss those options and continue further planning for the rehabilitation work.

Staff is recommending deferral of the reservoir rehabilitation portion of this work for this FY and instead recommends focusing on construction of a backup power supply at the Sidehill Booster Station that will serve both the reservoir and sidehill pump stations. The Board will consider this change at their January Board Meeting. Staff has directed Steve Andrews Engineering to proceed with the design of the backup generator station. **Update: A preliminary design has been submitted for staff comments. A final design is expected by the end of March.**

5) System Leaks

On January 14th, staff was called out after hours to a reported meter leak at Parkview Terrace. After arriving it was determined that the shared 2" service line had failed at one of the fittings requiring staff to isolate the mainline. Staff notified the 8 affected residents that water service needed to be interrupted in order to make the appropriate repair and that water would be on in 2 hours. Staff was able to make the repair in the time allotted. **Update: Staff repaired 3 service leaks in February at Fowler Avenue, Alta Panorama, and Media Panorama. All repair work was performed during normal business hours.**

6) Water Availability Request/Connection Permits

None to report.

7) Monthly WZ & RZ Operations Activities

- Met with Water Pigeon to survey retail meter installations(staff).
- Attended SEDARU Work Group meeting in Pomona (Davis/Mendzer).
- Attended one day training for confined space entry and rescue (staff).
- Attended Groundwater Producer Meetings (Ops. Manager).
- Met with SCADA Consultant (staff).
- Meeting with SEDARU to review Low Demand study (Ops. Mngr.)
- Meeting with SAE for Panorama sidehill booster station (staff).
- Clean up at McPherson Yard (Staff).
- Daily water quality sampling (staff).
- Ordered confined space equipment.
- Reviewed daily water quality data (Ops Manager).
- Ordered water quality supplies.
- RZ Meter reading
- Door tags - 26
- Meter disconnects/reconnects - 3
- High Bills – 2
- Meter Changeouts – 2
- Final Reads – 8
- Met with ID Modeling on SEDARU water updates.

Weekly Tasks

- Attend weekly safety meetings (All field staff)
- Reviewed sewer cleaning operations
- 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
- Participated in monthly safety training – Confined Spaces

JOINT SYSTEM (WZ & RZ) ACTIVITIES

A. Strategic Planning Meeting – 2019 Update

New: In preparation for the biennial review of the Strategic Plan, Mr. Ed Means of Means Consulting has been retained to assist the Board and staff with the preparation of the 2019 Update. Mr. Means will meet with individually with each Board Member (tentatively planned for early May) and the General Manager; subsequently, Board Members, staff and the public will meet at the Strategic Planning Workshop in May or June. Target date for completion of the plan is June 30, 2019.

B. Public Safety Power Shutoff (PSPS)

On September 13, Operations Manager Mendzer attended the first of two meetings at the SCE Irwindale facility regarding the PSPS. This plan involves shutting power off prior to an anticipated extreme Red Flag event. SCE currently has two meteorologists on staff and will be hiring a third to forecast these extreme Red Flag conditions. SCE said that they will make every attempt to provide 48-hour notice prior to activating the plan. They expect between 2 and 10 events per year that will necessitate activation which can last between 12 and 36 hours. Only Tier 2 and Tier 3 circuits are affected. Agencies are expected to have reliable backup power to their facilities during these events. We are working with SCE so that we can provide them with critical site information and determine the impact of the PSPS Plan on our retail and wholesale systems. The second meeting is scheduled for September 24th.

Operations Manager Mendzer attended the second meeting on September 24th. At that meeting he requested and received a dedicated account representative who he has since met with and received critical information pertaining to all of our SCE accounts. Staff has also developed response procedures to Red Flag conditions which could trigger SCE to issue a PSPS.

SCE instituted the first PSPS during the wind event that occurred on October 15th. Staff implemented our response plan with no loss of operational or administrative abilities. Staff has instituted the response plan during the wind event of November 8th/9th and again during the wind event of November 12th/13th. No loss of operational or administrative abilities occurred during either event.

To assist us with our energy management plan, staff has requested a proposal from Black & Veatch to perform a system wide evaluation which would provide recommendations for our agency as a whole. This energy study would include looking at the needs of the future admin building, reservoir sites, pump stations, and wholesale turnouts.

Update: Staff is coordinating the backup power at the sidehill pump station with the overall Energy Management Plan.

C. Administrative and Operations Facilities Improvement Program

Trendzitions, a firm that specializes in facility real estate planning was retained to develop goals and objectives, preliminary spatial and square footage needs, a budget, schedule and assist in pre-qualifying architects for interviewing. After development of the goals and objectives and preliminary spacial and square footage needs, interviews were held and GPA, an architectural firm from Costa Mesa with extensive experience in water facility planning, was hired to develop a master plan for the two sites.

At the October Workshop Meeting, Architect Jack Panichipan reviewed some of the limitations facing the development of the Administrative and Operations facilities with the Board. Staff continues to examine all options for development of these facilities. **Update: In preparation for our new Engineering Manager, staff re-organized the existing office space by adding 4 new desks, 3 new outlets, added one phone line, and painted the entire office. Work on a new administration building is being put on hold at this time pending discussion at the upcoming Strategic Planning Meeting in May.**

D. 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.

E. 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.

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.

Update: No update.

F. Safety

Update: On February 28th, all field staff received training on confined space entry and rescue; the training included actual confined space entry and retrieval in the field. For March, staff will be focusing on hot work and personal protective equipment.

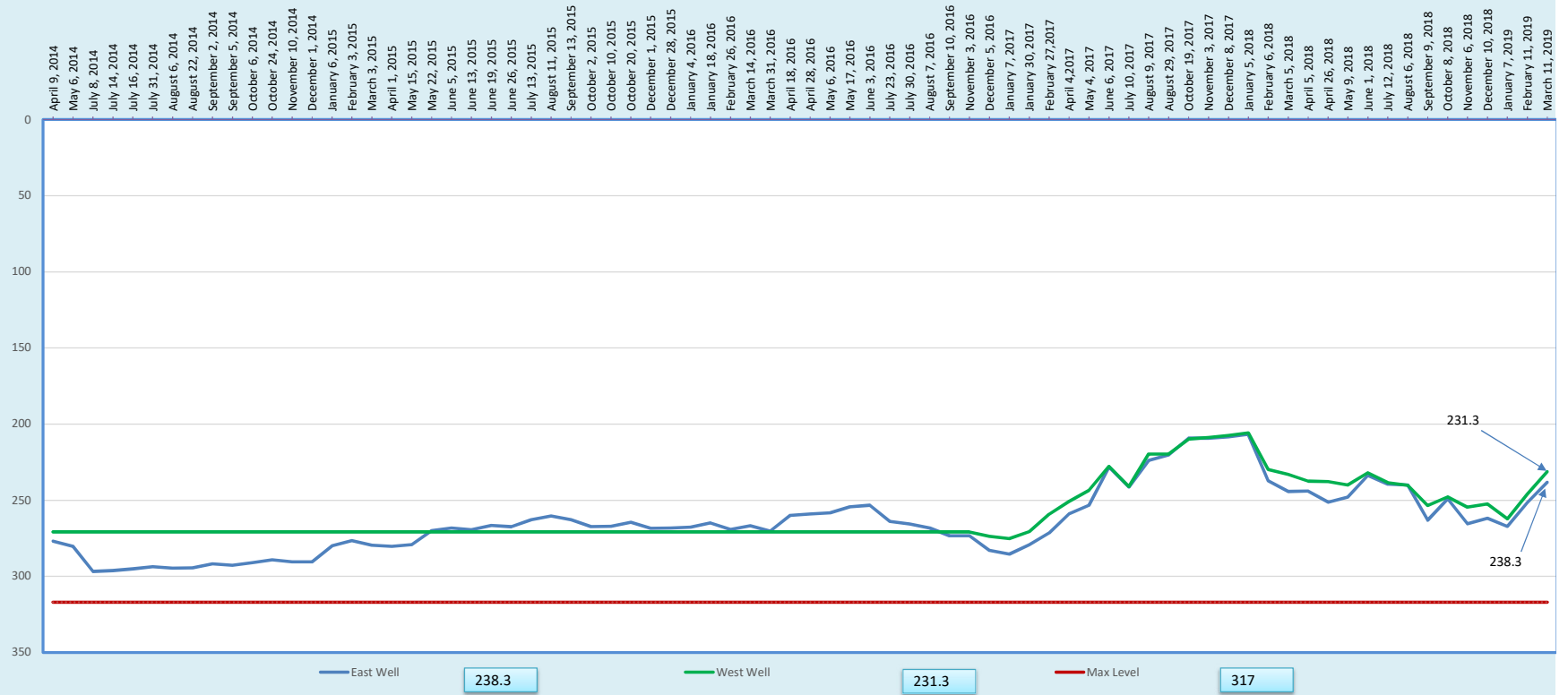
G. Finance Committee

Minutes of the March 15, 2019 Meeting are attached.

H. Engineering & Operations Committee

Minutes of the March 14, 2019 Meeting are attached.

East Well & West Well Pumping Water Levels



February 2019 - Sewer Connection & Wholesale Connection Permits

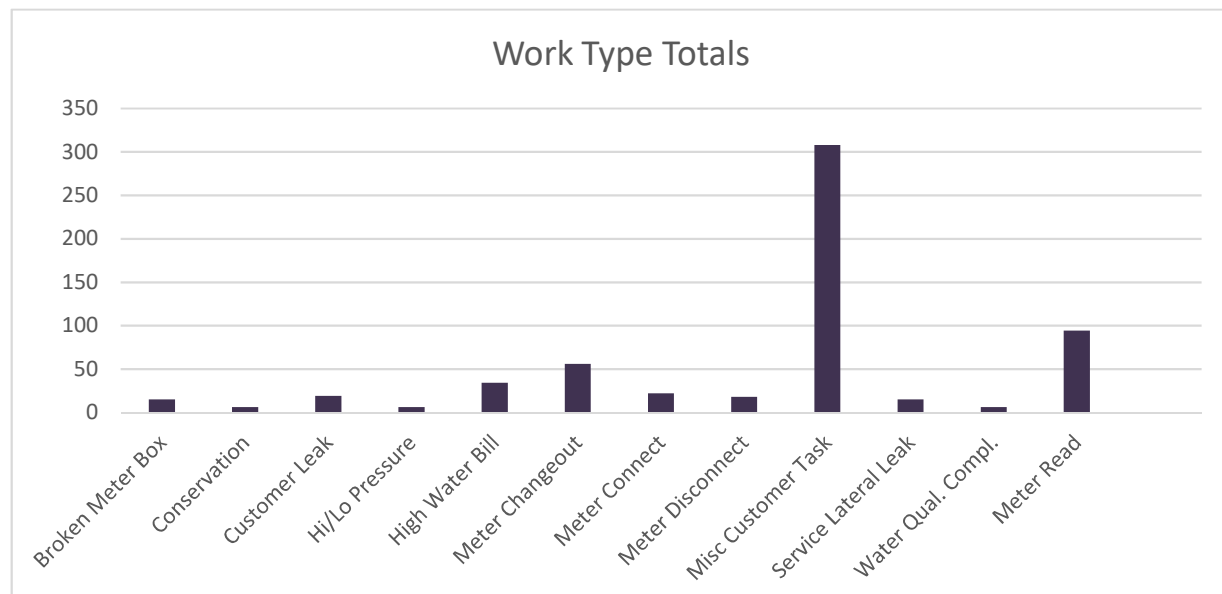
Connection Address	Type of Development	Permit No	APN	Date Issued	Regional CFCC (OCSD) Fees	Local Capacity Chage Fees	Inspection Fees	Total Sewer	Wholesale Connection Meter Fees	Water District
18808 Winnwood Lane, Santa Ana 92705	SFR - New construction	18-74	393-301-78	2.14.19	\$5,877.00	\$2,361.00	\$800.00	\$9,038.00	\$593.00	EOCWD
18806 Winnwood Lane, Santa Ana 92705	SFR - New construction	18-75	393-301-79	2.14.19	\$5,877.00	\$2,361.00	\$800.00	\$9,038.00	\$1,483.00	EOCWD
18804 Winnwood Lane, Santa Ana 92705	SFR - New construction	18-76	393-301-80	2.14.19	\$5,877.00	\$2,361.00	\$800.00	\$9,038.00	\$1,483.00	EOCWD
1382 S.E. Skyline Dr., Santa Ana, 92705	SFR	18-79	103-322-27	2.25.19	\$803.00	\$0.00	\$0.00	\$803.00	\$0.00	Tustin



EOCWD Customer Work

Count													Grand Total
	2018						2019						
by Employee	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
jmendzer		12	1	6	1	6	1	6		1	2		36
mplummer	17	91	31	32	22	67	13	14	21	20	21	49	398
jthorsell			1	11	4	15	18	51	13	49	1	2	165
Grand Total	17	103	33	49	27	88	32	71	34	70	24	51	599

Count														
	2018											2019	Grand Total	
Type/Month Matrix	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		
Broken Meter Box		12	1									1	1	15
Conservation		1	4					1						6
Customer Leak	1		2		2		3	5	3	1		1	1	19
Hi/Lo Pressure			1		1		2	1				1		6
High Water Bill	2	6	4	2	1	3	3	1	5	2		4	1	34
Meter Changeout	2	2	2		1	1	8	4	9	24		1	2	56
Meter Connect	1	10		1	1	1		2	1	4			1	22
Meter Disconnect		6		3				2		4		1	2	18
Misc Customer Task	5	56	9	32	7	73	3	46	8	33		4	32	308
Service Lateral Leak		3			1	1	5	2				1	2	15
Water Qual. Compl.					1		1	1	1	1		1		6
Meter Read	6	7	10	11	12	9	7	6	7	1		10	8	94
Grand Total	17	103	33	49	27	88	32	71	34	70		24	51	599





MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: DROUGHT RESPONSE REPORT – February 2019
DATE: March 17, 2019

Meetings

Water Waste/High Water Bill Phone Calls

- Matt assisted customer at Rocking Horse Rd. with water conservation on February 19, 2019.
- Matt assisted customer at County Lane with water conservation on February 5, 2019.

WUE Materials

- N/A.

Drought Social Media/Print Messaging Efforts

- EOCWD Facebook page is updated by Communications Lab and EOCWD Staff.
- EOCWD Twitter page is updated by Communications Lab and EOCWD Staff.
- EOCWD Website page is updated by Communications Lab and EOCWD. The 2 days a week new schedule for November 2018 through March 2019 was updated in our website.
- Foothill Sentry Ad: An Ad was published in February 2019 - "Please make sure your sprinklers are on the winter setting. TWO DAYS A WEEK."

Customer Rebate Activities

- None to report.

Groundwater Replenishment System (GWRS) Credits

The GWRS production allocated to EOCWD can be reported as Indirect Potable Reuse (IPR). For the month of February 2019, EOCWD showed an IPR Credit of 16.4 acre feet (equivalent to 5.3 million gallons or 50% of the RZ's February 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.

**Minutes of the
Engineering & Operations
March 14, 2019**

1. The meeting was called to order at 4:30 p.m.
Present: Richard Bell, John Dulebohn, Lisa Ohlund, Jerry Mendzer, Jeff Smyth, Steven Andrews,
2. No public comment was received.
3. No additional items were added to the agenda.
4. Retail Zone
 - a. PFOA/PFOS – DDW Monitoring Order – Staff reported that the state is requiring that our wells be tested for these per- and polyfluorinated compounds (collectively PFAS). OCWD's lab has received certification to conduct this testing; a Special Groundwater Producers Meeting is scheduled March 20th where agencies will be briefed more about the sampling schedule. Staff is preparing an action plan in the event that PFAS is detected above the notification level. In a related note, Staff was happy to report that the District has been awarded a \$2M grant for the new well from OCWD via the SAWPA OWOW Process. Staff is also in the process of putting together an Action Plan for the well-drilling and equipping project.
 - b. Infrared Pump Efficiency Testing Results – Staff reported on the items that were found and repaired as a result of this testing; SCE offers the efficiency test every other year at no cost. Director Dulebohn brought up that maybe the District can conduct this test in the future; staff will look into the cost for an infrared camera.
 - c. Vista Panorama Reservoir/Sidehill Booster Station – Update - Staff reported that Steve Andrews Engineering has provided a draft drawing for review and comment. Staff noted that the District will be the General Contractor and pre-purchase the equipment; the generator has a lead time of approximately 18 weeks.
 - d. New Well Status Report – Staff noted the prior discussion regarding the grant award for the new well.
 - e. Pilot Remote Meter Reading/Irrigation Timer Study Status Report – Staff reported that the District is getting ready to submit a grant to assist with the cost of the Every Drop COUNTS! program (metering and customer information system). Staff recently signed a contract with a software programmer to develop a mobile app and portal for customers.
 - f. System Status Report – Staff reported the following non-regular events: backflow testing on 25 devices with a few reported to have failed, staff responded to 8 high water bill customer calls.
 - g. West & East Well – Well levels are at 238.3 and 231.3 bgs, respectively.
 - h. RZ Water Use – RZ water use totaled 33 AF for February; rivals February of 2016.

5. Wholesale Zone

- a. WZ Water Quality Policy – Status Report - Staff reported that the Policy will be brought to the May Committee meeting.
- b. Peters Canyon Treatment Plant Reconstruction – Staff reported that the District is still in the running to receive SAWPA funding, however, the dollar amount has decreased to from \$5M to potentially \$1M- \$2.5M.
- c. OC-70 Meter Issue/Data Logging – Staff reported that Water Pigeon logging is going well. Staff will be meeting with MWDOC on March 15th regarding MET's latest request and comments on the water loss.
- d. OC-43 Turnout/Tustin – Staff reported they will be meeting with City representatives soon to further discuss this project.
- e. System Status Report – Staff reported that a tremendous amount of sampling has been conducted for the low demand study. Committee members requested a Field Day to visit sites in the system and view potential impacts.
- f. WZ Water Use – Demand was low (149.9 AF) in February.

6. Sewer System

- a. Browning Avenue Sewer Project – Update – Staff reported that at the recent UWI a discussion came about regarding a tunneling project in Riverside County that didn't go well. It was a conventional design/bid/build project and the owner is facing significant lawsuits; working through a design-build process may allow transfer of more potential liability for this project.
- b. Septic System Conversion Status - Vista Del Lago – Update – Staff reported that the project is one-week behind schedule due to additional rain.
- c. System Rehabilitation and Replacement – Status Report
 - 1. Manhole Rehabilitations – Staff reported that all of the other capital repair work identified for the 2016-2018 period has been completed (with the exception of some full-length CIPP and a few manhole rehabs that are will be completed by early March.
- d. Sewer Development Permits – Four permits were issued in February; all were residential projects in the unincorporated area.
- e. Sewer System Status SSMP Audit – Staff reported that almost lined 20,000 ft. of pipe, and 15 frame & covers were repaired/replaced, 15 T-Lock lining repairs completed. Wastewater Supervisor Davis has a goal to video 20,000 ft a month with the new CCTV truck; the truck has already made an important finding of a mass of roots. The Combo truck was ordered and is expected to be in by end of April 2019.
- f. Spill Report – No Spills in February.

7. Joint Administration –

- a. SCAQMD" Rule 1403 and Asbestos Pipe – Staff reported this is a coalition of all water utilities and other agencies may be joining. Rule 1403 is being requested to be reviewed because during the recent CAMP fire, standby generators were unable to respond because they weren't able to be properly maintained due to

operating limits imposed by the SCAQMD. Additionally, the AQMD found asbestos in asphalt in the road and has determined that counties and cities will be required to report any road cut into. The coalition has ongoing meetings planned with elected representatives on the AQMD Board.

- b. Site Planning/Administration Building Update – Staff reported that the existing administration office will be tightened up more until a new site is identified, however, it may be another year or so before the District moves forward with this project.
- c. SCADA Replacement Update – Staff reported that the Consultant is currently working on their proposal; staff hopes to have it by early next week..

8. Adjournment – 6:30 p.m.

Finance Committee

Minutes of the March 15, 2019 Meeting

Present: Doug Davert, John Sears, Lisa Ohlund

1. The meeting was called to order at 8:30 a.m.
2. No public comments were received.
3. No additional items were added to the agenda.
4. Proposed Section 115 Retirement Account Trust – Update – Staff reported that the Board previously approved a contract with PARS to participate in a Trust. However, staff attended a meeting with CalPERS regarding their Section 115 Trust and determined that the District was paying 7.5% interest on the unfunded liability, and that it made more financial sense to pay off the liability – which would be reflected on our financial statements – than to try to earn a greater rate of return, which holds a high level of risk. Staff is recommending that the District pay off the unfunded liability which is approximately \$700K. Funds would be obtained from reserves. Staff will consult with Treasurer to arrange this payment.
5. Strategic Plan Update – Staff reported that the District is working with the Consultant Ed Means to schedule the Board interviews in early May.
6. Review of Proposed 2-Year Budget (FY's 19/20 & 20/21) – Staff reviewed the budget allocations for the:
 - Wholesale Zone – Projected 6.3% increase in the FY19/20 operating budget and 4.8% in FY 20/21
 - Retail Zone – Projected 9.3% increase in the FY 19/20 operating budget and 8.5% in the FY 20/21 due to potential impacts from the PFAS issue.
 - ID1 – Projected a 5% increase in the FY 19/20 operating budget and a 2% increase in the FY 20/21.
7. Status of EOCWD Grant Applications
 - SAWPA IRWM Prop .1 – Staff reported that the potential award will be less than the \$5M requested. The bulk of the money will be spent on design work and environmental impact assessment. The District ranked 5th out of 25 projects and we are right behind three OCWD projects.
 - Bureau of Reclamation – Innovative Project – Staff reported this is a \$700K - \$1M grant and Staff will travel to Denver to pitch more to the Bureau of Reclamation.
 - Bureau of Reclamation – Smart Water/Water Conservation grant is being prepared and will be submitted on Tuesday.
 - FEMA Hazard Mitigation Funds – Staff reported this \$200K grant would go to prepare a Hazard Mitigation Plan with the intent of obtaining funding to assist in replacing the District's Peters Canyon Reservoir.
8. Budget Reports – All zones are within budget and showing income exceeding expenses.

Adjourned at 9:30 a.m.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: **WATERSMART GRANT APPLICATION AUTHORIZATION RESOLUTION FOR THE 'EVERY DROP COUNTS!' PROJECT**
DATE MARCH 21, 2019

Background

The mission of the Bureau of Reclamation is to manage, develop and protect water and related resources in an environmentally and economically sound manner in the interest of the American public. As such, BOR funds several grants and programs for local water agencies; the WaterSmart program is one of these. Historically, District ratepayers have benefitted from the WaterSmart program as it has funded conservation and rebate programs through MWDOC.

As reviewed with the Board at the October 18th workshop meeting; staff has proposed the development of a metering program that would not only provide our customers with a new irrigation controller/flow meter installed on their outdoor water use so that their indoor and outdoor water use could be separately determined, but it also will take pictures of their meter reads four times a day and convert the reads to digital information so that possible leaks can be detected and notifications/alerts provided almost immediately. Additionally, mobile app and web portal access will be provided that will provide historical usage comparison, and all of it will integrate with our SB555 required water loss auditing requirements.

Implementation of this project is ambitious and could cost up to \$1 million, funding which the Retail Zone doesn't fully have. Because there are benefits to all agencies with this project, we are submitting a proposal for 50% (~\$450,000) through the WaterSmart program. One of the requirements of the proposal is for the Board to pass a resolution authorizing participation in the program; the resolution is attached.

Working with Communications Lab, we have branded the project **Every Drop COUNTS!** as shown in the logo with the meter register below:



Interestingly, one of the requirements of the grant is to demonstrate how your project creates a conservation stewardship legacy second only to President Teddy Roosevelt. In our response we noted:

'This is a project that Teddy Roosevelt would have supported because of its emphasis on giving our customers the tools to take control of their water usage. His passionate protection of the country's natural resources was reflected in this passage from an August 31, 1910 speech he gave at Osawatimie, Kansas: "I recognize the right and duty of this

generation to develop and use the nature resources of our land; but I do not recognize the right to waste them, or to rob, by wasteful use, the generations that come after us." Every Drop COUNTS! carries the conservationist torch of this great leader forward today, and for future generations it will build upon a growing ethic to use water wisely.'

2

Financial Impact

There is no direct cost associated with approval of the resolution; costs incurred preparing the application were funded through our existing Townsend and Associates contract and the funds approved for this project by the Board at the October 18, 2018 Board Workshop.

Recommendation

The Board approve the resolution authorizing participation in the United States Bureau of Reclamation's WaterSmart Grant Program for the Retail Zone water metering and monitoring project (Every Drop COUNTS!).

RESOLUTION NO. ____

**RESOLUTION OF THE BOARD OF DIRECTORS OF
THE EAST ORANGE COUNTY WATER DISTRICT
AUTHORIZING PARTICIPATION IN UNITED STATES
BUREAU OF RECLAMATION’S WATERSMART GRANT
PROGRAM FOR A RETAIL ZONE WATER METERING
AND MONITORING PROJECT, AND MAKING
RELEVANT FINDINGS AND AUTHORIZATIONS FOR
SUCH PURPOSES.**

WHEREAS, the East Orange County Water District (“EOCWD”) desires to undertake a project to install and implement Water Pigeon meter reading equipment and software for its retail water customers for the purpose of real-time, or near real-time monitoring of indoor and outdoor water use, for purposes of improving water efficiency and reliability (“Water Project”); and

WHEREAS, the United States Department of Interior, Bureau of Reclamation’s (“Reclamation”) WaterSMART Grant Program (“WaterSMART Program”) provides grant funding for projects promoting the efficient use of water and integration of water and energy policies to support the sustainable use of all natural resources; and

WHEREAS, the EOCWD Board of Directors (“Board”) has determined it to be in the best interests of EOCWD with regard to the Water Project to participate in the WaterSMART Program; and

WHEREAS, EOCWD has prepared a Project Budget/Budget Proposal for the Water Project (“Funding Plan”), which (1) includes a funding plan for the Water Project and (2) shall be submitted by EOCWD as part of the WaterSMART Program application. Said Funding Plan is hereby incorporated into this Resolution by this reference; and

WHEREAS, Reclamation requires EOCWD, as an applicant, to designate, by resolution, an authorized representative for filing the grant application.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE AND ORDER AS FOLLOWS:

Section 1. The recitals set forth above are true and correct, and are incorporated into this Resolution by this reference.

Section 2. The Board has reviewed and supports EOCWD’s application to

Reclamation for the WaterSMART Program to finance the costs, or a portion of the costs, of the Water Project.

Section 3. The Board hereby formally designates EOCWD’s General Manager, Lisa Ohlund, or her designee, as EOCWD’s “Authorized Representative” with legal authority to enter into an agreement with Reclamation relative to the WaterSMART Program in connection with the Water Project. The Board hereby further authorizes, and ratifies the authority of, the Authorized Representative to (1) prepare, sign, and file, for and on behalf of EOCWD, a WaterSMART Grant Proposal (“Grant Proposal”) for financing the costs, or a portion of the costs, of the Water Project from Reclamation; (2) negotiate and enter into an agreement with Reclamation, or otherwise, for purposes of securing WaterSMART Grant Funding; and (3) take any other actions, including, but not limited to, preparing, executing, and filing forms, reasonably necessary to effectuate the purpose and intent of this Resolution.

Section 4. EOCWD shall, and the Authorized Representative is authorized to certify that EOCWD has and will, comply with the financial and legal obligations associated with receipt of the WaterSMART Grant financial assistance.

Section 5. EOCWD has the capacity to provide the funding and/or in-kind contributions specified in the Funding Plan.

Section 6. EOCWD will work with Reclamation to meet established deadlines for entering into a grant or cooperative agreement.

Section 7. This Resolution shall be effective immediately upon adoption by the Board.

APPROVED, ADOPTED, AND SIGNED this _____ day of _____ 2019.

President
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

[illegible]

I, JEFFREY A. HOSKINSON, Secretary of the Board of Directors of the EAST ORANGE COUNTY WATER DISTRICT, do hereby certify that the foregoing Resolution No. ____ was duly adopted by the Board of Directors of said District at a Regular Meeting of said District held on _____, 2019, and that it was so adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof



MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: ANNUAL INVESTMENT POLICY REVIEW
DATE MARCH 21, 2019

Background

The California Government Code and the District's Investment Policy require that the Investment Policy be reviewed annually, and that after such review, the Policy (and any changes if desired) be submitted to the Board for approval. The last time the Investment Policy was revised was at the March 15, 2018 Board Meeting; minor spelling/grammatical changes were made at that time.

This item was reviewed at the February 21, 2019 Board Meeting and was determined to have left out three references to ID1 (Sewer Funds) in the Scope of Policy section, Nos 1, 2 and 3 . The policy has been subsequently reviewed and corrected and is recommended for adoption.

Financial Impact

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

Recommendation

The Board approve the revised Investment Policy.

EAST ORANGE COUNTY WATER DISTRICT

INVESTMENT POLICY

It shall be the policy of the East Orange County Water District to invest funds in a manner which will provide the highest investment return with the maximum security, while meeting the daily cash flow demands of the district and conforming to all statutes governing the investment of East Orange County Water District funds.

SCOPE OF POLICY

This Investment Policy ("Policy") applies to all financial assets of the District. These funds are accounted for in the annual district audited financial statements and include:

- 1) Operating Funds: Wholesale, Retail and Sewer (ID1)
- 2) Replacement and Capital Improvement (Construction) Funds: Wholesale, Retail and Sewer (ID1)
- 3) Emergency/Contingency Fund: Wholesale, Retail and Sewer (ID1)

Funds in the deferred compensation plan or governed by an indenture such as bond reserves, are not governed by this Policy.

PRUDENCE

Investments shall be made with judgment and care under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs; not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived. The standard of prudence to be used by investment officials shall be the "prudent investor" standard (California Government Code Section 53600.3) and shall be applied in the context of managing an overall portfolio. Investment officers, acting in accordance with written procedures and the Policy, and when exercising due diligence, shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided that deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

OBJECTIVES

As specified in California Government Code Section 53600.3, when investing, reinvesting, purchasing, acquiring; exchanging, selling and managing public funds, the primary objectives, in priority order, of the investment activities shall be:

- 4) Safety: Safety of principal is the foremost objective of the Policy. Investments of the District shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, diversification is required in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio.
- 5) Liquidity: The investment portfolio will remain sufficiently liquid to enable the District to meet all operating requirements which might be reasonably anticipated.
- 6) Return on Investments. The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and the cash flow characteristics of the portfolio.

DELEGATION OF AUTHORITY

Authority to manage the Policy is derived from California Government Code Section 53600.3, *et. seq.* Management responsibility for the Policy is hereby delegated to the treasurer/fiscal officer within the parameters (investment types, maturities, type of issuers, percentages of portfolio or particular District fund or dollar amount limitations) set from time to time by the Board of Directors. No person may engage in as investment transaction except as provided under the terms of this Policy. The Board of Directors shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. Under the provisions of California Government Code Section 53600.3, the Board of Directors and the treasurer/fiscal officer are trustees and fiduciaries subject to the prudent investor standard.

ETHICS AND CONFLICTS OF INTEREST

The Board of Directors, Finance Committee members, and all officers and employees involved in the investment process shall fully comply with the District's Conflict of Interest Code in the execution of this policy.

INTERNAL CONTROLS

The Treasurer is responsible for establishing and maintaining an internal control structure designed to ensure that the District's assets are protected from loss, theft or misuse. The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management.

Periodically, as deemed appropriate by the District and/or the Board of Directors, an independent analysis by an external auditor shall be conducted to review internal controls, account activity and compliance with policies and procedures.

AUTHORIZED FINANCIAL INSTITUTIONS AND DEALERS

The Board of Directors of EOCWD may, in its discretion, engage the services of one or more registered investment advisors to assist in the management of EOCWD's investment portfolio in a manner consistent with EOCWD's objectives. Such external investment advisors, which shall be selected through a competitive process, shall be granted the discretion to purchase and sell investment securities in accordance with this Investment Policy. Such advisors must be registered under the Investment Advisors Act of 1940, or be exempt from such registration. In addition, a list will also be maintained of approved security broker/dealers selected by credit worthiness who are authorized to provide investment and financial advisory services in the State of California. No public deposit shall be made except in a qualified public depository as established by state laws.

For brokers/dealers of government securities and other investments, the Board of Directors, Finance Committee, or treasurer/fiscal officer shall select only broker/dealers who are licensed and in good standing with the California Department of Securities, the Securities and Exchange Commission, the National Association of Securities Dealers or other applicable self-regulatory organizations.

Before engaging in investment transactions with a broker/dealer, the Board of Directors or Treasurer/Fiscal Officer shall have received from said firm a signed Certification Form. This form shall attest that the individual responsible for the District's account with that firm has reviewed the District's Policy and that the firm understands the policy and intends to present investment recommendations and transactions to the District that are appropriate under the terms and conditions of the Policy.

AUTHORIZED AND SUITABLE INVESTMENTS

The District's investments are governed by California Government Code, Sections 53600 et seq. Within the investments permitted by the Code, the District seeks to further restrict eligible investments to the guidelines listed below. In the event a discrepancy is found between this policy and the Code, the more restrictive parameters will take precedence. Percentage holding limits listed in this section apply at the time the security is purchased pursuant to California Government Code Section 53601.

If an investment in the District's portfolio is downgraded by a nationally recognized statistical rating organization (NRSRO) to a level below the credit quality required by this investment policy, the Treasurer will review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio based on its current maturity, the economic outlook for the issuer, and other relevant factors. If a decision is made to hold a downgraded security in the portfolio, its presence in the portfolio will be monitored and reported.

Any investment currently held at the time the policy is adopted which does not meet the new policy guidelines can be held until maturity, and shall be exempt from the current policy. At the time of the investment's maturity or liquidation, such funds shall be reinvested only as provided in the current policy.

An appropriate risk level shall be maintained by primarily purchasing securities that are of high quality, liquid, and marketable. The portfolio shall be diversified by security type and institution to avoid incurring unreasonable and avoidable risks regarding specific security types or individual issuers.

- 1) U.S. Treasuries and other government obligations for which the full faith and credit of the United States are pledged for the payment of principal and interest. There are no limits on the dollar amount or percentage that the District may invest in U.S. Treasuries, provided that:
 - a. The maximum maturity is five (5) years.
- 2) Federal Agencies or United States Government-Sponsored Enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. There are no limits on the dollar amount or percentage that the District may invest in Federal Agency or Government-Sponsored Enterprises (GSEs), provided that:
 - a. No more than 40% of the portfolio may be invested in any single Agency/GSE issuer.
 - b. The maximum maturity does not exceed five (5) years.
- 3) Municipal Securities include obligations issued or entities controlled by the East Orange County Water District, the State of California and any local agency within the State of California. In addition, (Registered treasury notes or bonds) of any of the other 49 states in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of the other 49 states, in addition to California provided that:
 - a. The securities are rated in a rating category of "A" or its equivalent or better by at least one nationally recognized statistical rating organization ("NRSRO").
 - b. No more than 15% of the portfolio may be invested in any single issuer.
 - c. No more than 30% of the portfolio may be in Municipal Securities.
 - d. The maximum maturity does not exceed five (5) years.
 - e. Obligations of the East Orange County Water District cannot exceed a maximum maturity of five (5) years and are exempt from all other restrictions listed above.

- 4) Corporate Medium-Term Notes (MTNs), provided that:
 - a. The issuer is a corporation organized and operating within the United States or by depository institutions licensed by the United States or any state and operating within the United States.
 - b. The securities are rated in a rating category of “AA-” or its equivalent or better by at least one NRSRO.
 - c. No more than 30% of the total portfolio may be invested in MTNs.
 - d. No more than 5% of the portfolio may be invested in any single issuer.
 - e. The maximum maturity does not exceed five (5) years.
- 5) Negotiable Certificates of Deposit (NCDs), issued by a nationally or state-chartered bank, a savings association or a federal association, a state or federal credit union, or by a federally licensed or state-licensed branch of a foreign bank, provided that:
 - a. The amount of the NCD insured up to the FDIC limit does not require any credit ratings.
 - b. Any amount above the FDIC insured limit must be issued by institutions which have short-term debt obligations rated “A-1” or its equivalent or better by at least one NRSRO; or long-term obligations rated in a rating category of “A” or its equivalent or better by at least one NRSRO.
 - c. No more than 30% of the total portfolio may be invested in NCDs (combined with CDARS).
 - d. No more than 5% of the portfolio may be invested in any single issuer.
 - e. The maximum maturity does not exceed five (5) years.
- 6) Federally Insured Time Deposits (Non-Negotiable Certificates of Deposit) in state or federally chartered banks, savings and loans, or credit unions, provided that:
 - a. The amount per institution is limited to the maximum covered under federal insurance.
 - b. No more than 20% of the portfolio will be invested in a combination of federally insured and collateralized time deposits.
 - c. Amount must be insured by the FDIC.
 - d. The maximum maturity does not exceed five (5) years.
- 7) Collateralized Time Deposits (Non-Negotiable Certificates of Deposit) in state or federally chartered banks, savings and loans, or credit unions in excess of insured amounts which are fully collateralized with securities in accordance with California law, provided that:
 - a. No more than 20% of the portfolio will be invested in collateralized time deposits.
 - b. The maximum maturity does not exceed five (5) years.
- 8) Collateralized Bank Deposits. The District’s deposits with financial institutions will be collateralized with pledged securities per California Government Code, Section 53651. There are no limits on the dollar amount or percentage that the District may invest in collateralized bank deposits.
- 9) Banker’s Acceptances, provided that:
 - a. They are issued by institutions which have short-term debt obligations rated “A-1” or its equivalent or better by at least one NRSRO; or long-term debt obligations which are rated in a rating category of “A” or its equivalent or better by at least one NRSRO.
 - b. No more than 40% of the portfolio may be invested in Banker’s Acceptances.
 - c. No more than 5% of the portfolio may be invested in any single issuer.
 - d. The maximum maturity does not exceed 180 days.

10) Commercial Paper, provided that:

- a. The issuer is a corporation organized and operating in the United States with assets in excess of \$500 million.
- b. The securities are rated “A-1” or its equivalent or better by at least one NRSRO.
- c. They are issued by corporations which have long-term obligations rated in a rating category of “A” or its equivalent or better by at least one NRSRO.
- d. The District may purchase no more than 10% of the outstanding commercial paper of any single issuer.
- e. No more than 25% of the portfolio may be invested in Commercial Paper.
- f. No more than 5% of the portfolio may be invested in any single issuer.
- g. The maximum maturity does not exceed 270 days.

11) State of California Local Agency Investment Fund (LAIF), provided that:

- a. The District may invest up to the maximum amount permitted by LAIF.
- b. LAIF’s investments in instruments prohibited by or not specified in the District’s policy do not exclude the investment in LAIF itself from the District’s list of allowable investments, provided LAIF’s reports allow the Treasurer to adequately judge the risk inherent in LAIF’s portfolio.

12) County Pooled Investment Funds

- a. There is no issuer limitation for Local Government Investment Pools

13) Local Government Investment Pools (LGIP)

- a. Other LGIPs permitted by the District.
- b. There is no issuer limitation for Local Government Investment Pools

14) Joint Powers Authority Pool (JPAP)

- a. Other JPAPs permitted by the District.

15) Mutual Funds and Money Market Mutual Funds that are registered with the Securities and Exchange Commission under the Investment Company Act of 1940, provided that:

- a. Mutual Funds that invest in the securities and obligations as authorized under California Government Code, Section 53601 (a) to (k) and (m) to (q) inclusive and that meet either of the following criteria:
 - i. Attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) NRSROs; or
 - ii. Have retained an investment adviser registered or exempt from registration with the Securities and Exchange Commission with not less than five years’ experience investing in the securities and obligations authorized by California Government Code, Section 53601 and with assets under management in excess of \$500 million.
 - iii. No more than 10% of the total portfolio may be invested in shares of any one mutual fund.
- b. Money Market Mutual Funds registered with the Securities and Exchange Commission under the Investment Company Act of 1940 and issued by diversified management companies and meet either of the following criteria:

- i. Have attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) NRSROs; or
 - ii. Have retained an investment adviser registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds with assets under management in excess of \$500 million.
 - iii. No more than 20% of the total portfolio may be invested in the shares of any one Money Market Mutual Fund.
- c. No more than 20% of the total portfolio may be invested in these securities.

PROHIBITED INVESTMENT VEHICLES AND PRACTICES

- 1) State law notwithstanding, any investments not specifically described herein are prohibited, including, but not limited to futures and options.
- 2) In accordance with Government Code, Section 53601.6, investment in inverse floaters, range notes, or mortgage derived interest-only strips is prohibited.
- 3) Investment in any security that could result in a zero-interest accrual if held to maturity is prohibited.
- 4) Trading securities for the sole purpose of speculating on the future direction of interest rates is prohibited.
- 5) Purchasing or selling securities on margin is prohibited.
- 6) The use of reverse repurchase agreements, securities lending or any other form of borrowing or leverage is prohibited.
- 7) The purchase of foreign currency denominated securities is prohibited.

INVESTMENT POOLS/MUTUAL FUNDS

The District shall conduct a thorough investigation of any pool or mutual fund prior to making an investment, and on a continual basis thereafter. The Treasurer shall develop a questionnaire which will answer the following general questions:

- 1) A description of eligible investment securities, and a written statement of investment policy and objectives.
- 2) A description of interest calculations and how it is distributed, and how gains and losses are treated.
- 3) A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program audited.
- 4) A description of who may invest in the program, how often, what size deposit and withdrawal are allowed.
- 5) A schedule for receiving statements and portfolio listings.
- 6) Are reserves, retained earnings, etc. utilized by the pool/fund?
- 7) A fee schedule, and when and how is it assessed.
- 8) Is the pool/fund eligible for bond proceeds and/or will it accept such proceeds?

California Government Code: Summary of CA Govt Code 53600-53610 (NOTE: the table below is only a summary. Investments are subject to restrictions, limitations and exceptions described in this statute and in the District's investment policy.)

Authorized Investment	Max Maturity¹	Max % of Portfolio²	Max Single Issuer Exposure²	Minimum Credit Rating Requirement²
US Treasury Obligations	5 Years‡	None	None	None
US Agency & GSE Obligations	5 Years‡	None	40%	None
Corporate Medium-Term Notes	5 Years	30%	5%	“AA-” ratings category or its equivalent
Negotiable Certificates of Deposit (NCDs)	5 Years	30%	5%	Any amount above the FDIC insured limit must be issued by institutions with short-term debt obligations in the “A-1” ratings category or its equivalent; or long-term obligations in the rating category of “A”.
Federally Insured Time Deposits (Non-Negotiable Certificates of Deposit)	5 Years	20%	None	Amount must be insured by the FDIC
Collateralized Time Deposits (Non-Negotiable Certificates of Deposit)	5 Years	20%	None	None
Collateralized Bank Deposits	None	None	None	None
Banker’s Acceptances	180 Days	40%	5%	“A-1” ratings category or its equivalent
Commercial Paper	270 Days	25%	5%	“A-1” ratings category or its equivalent
State of California Local Agency Investment Fund (LAIF)	None	None	None	None
Local Government Investment Pools	N/A	None	None	None
County Investment Funds	N/A	None	None	None
Joint Powers Authority Pool	N/A	None	None	See note ³
Mutual Funds Diversified Management Companies	N/A	20% (total, with money funds)	10%	“AAA” ratings category or its equivalent ⁴
Money Market Mutual Funds	N/A	20% (total, with mutual funds)	None	“AAA” ratings category or its equivalent ⁴

¹Where the symbol ‡ appears, the investment is subject to the default maturity limitation of 5 years remaining at time of investment, unless longer maturity is authorized by Board not less than 3 months prior to investment.

²At the date of purchase.

³Retain an investment advisor who is registered with the SEC (or exempt from registration), has assets under management in excess of \$500 million, and has at least five years' experience investing in instruments authorized by Sections 53601 and 5363

COLLATERALIZATION

All non-negotiable certificates of deposit, issued in excess (principal and interest) of the FDIC insurance limit, must be collateralized by U.S. Treasury obligations. Collateral must be held by a third-party trustee and valued on a monthly basis.

SAFEKEEPING AND CUSTODY

All security transactions entered into by the District shall be conducted on a delivery-versus-payment (DVP) basis. All securities purchased or acquired shall be delivered to the District by book entry, physical delivery or by third party custodial agreement as required by California Government Code Section 53601.

DIVERSIFICATION AND RISK MANAGEMENT

The District will diversify its investments by security type and institution. It is the policy of the District to diversify its investment portfolio. Assets shall be diversified to eliminate the risk of loss resulting from over concentration of assets in a specific maturity, a specific issuer or a specific class of securities. Diversification strategies shall be determined and revised periodically. In establishing specific diversification strategies, the following general policies and constraints shall apply:

- 1) Portfolio maturities shall be matched versus liabilities to avoid undue concentration in a specific maturity sector.
- 2) Maturities selected shall provide for stability of income and liquidity.
- 3) No more than 5% of the total portfolio may be invested in securities issued by any single issuer with the exception of US Treasuries, US Agencies, , Joint Powers Authority Pools, LAIF, mutual funds, money market mutual funds, or unless otherwise specified in this investment policy.

Disbursement and payroll dates shall be covered through maturities investments, marketable U.S. Treasury Bills or other cash equivalent instruments such as money market mutual funds.

MAXIMUM MATURITIES

To the extent possible, EOCWD will match its investments with reasonably anticipated cash flow requirements. The Treasurer shall develop a five-year cash flow forecast, which shall be updated annually. Based on this forecast, the Treasurer shall designate, from time-to-time, the amounts to be allocated to the investment portfolio. EOCWD monies invested in accordance with this Policy are divided into two (2) categories:

- 1) Liquid Operating Monies. Funds needed for current operating and capital expenditures with a maximum final stated maturity of one hundred eighty (180) days from the date of purchase and;
- 2) Long-Term Operating Monies. Funds needed for longer term purposes with a maximum maturity of five (5) years and a duration that
 - a. is recommended by the Treasurer in consultation with the Investment Advisory (if retained),
 - b. never exceeds 60 months and,
 - c. the average duration shall never be more than 65% of the 60-month limit.

REPORTING

In accordance with California Government Code Section 53646(b)(1), the treasurer/fiscal officer shall submit to each member of the Board a monthly investment report. The report shall include a complete description of the portfolio, the type of investments, the issuers, maturity dates, par values and current market values of each component of the portfolio, including funds managed for the District by third party contracted managers, if applicable. The report will also include the source of the portfolio valuation. The report must also include a certification that (1) all investment actions executed since the last report have been made in full compliance with the 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, 3) cost and accurate and complete market value of the portfolio, 4) dollar changes in value of the portfolio for a one-percent change in interest rates., 3) the

percent of the portfolio maturing within 90 days, 5) average portfolio credit quality; 5) percent of portfolio with credit ratings below “A” by any rating agency, and a description of such securities; and 6) time-weighted total rate of return for the portfolio for the prior three months, twelve months, year-to-date and prior three years. The treasurer/fiscal officer shall maintain a complete and timely record of all investment transactions. Monthly transactions reports will be submitted by the treasurer/fiscal officer to the Board in accordance with California Government Code Section 53607.

INVESTMENT POLICY ADOPTION

The Policy shall be adopted by resolution of the Board of Directors. The Policy shall be reviewed on an annual basis, and modifications must be approved by the Board of Directors .

EAST ORANGE COUNTY WATER DISTRICT

Notes to Financial Statements

GLOSSARY OF INVESTMENT TERMS

Agencies. Shorthand market terminology for any obligation issued by a government-sponsored entity (GSE), or a federally related institution. Most obligations of GSEs are not guaranteed by the full faith and credit of the US government. Examples are:

FFCB. The Federal Farm Credit Bank System provides credit and liquidity in the agricultural industry. FFCB issues discount notes and bonds.

FHLB. The Federal Home Loan Bank provides credit and liquidity in the housing market. FHLB issues discount notes and bonds.

FHLMC. Like FHLB, the Federal Home Loan Mortgage Corporation provides credit and liquidity in the housing market. FHLMC, also called “FreddieMac” issues discount notes, bonds and mortgage pass-through securities.

FNMA. Like FHLB and FreddieMac, the Federal National Mortgage Association was established to provide credit and liquidity in the housing market. FNMA, also known as “FannieMae,” issues discount notes, bonds and mortgage pass-through securities.

GNMA. The Government National Mortgage Association, known as “GinnieMae,” issues mortgage pass-through securities, which are guaranteed by the full faith and credit of the US Government.

PEFCO. The Private Export Funding Corporation assists exporters. Obligations of PEFCO are not guaranteed by the full faith and credit of the US government.

TVA. The Tennessee Valley Authority provides flood control and power and promotes development in portions of the Tennessee, Ohio, and Mississippi River valleys. TVA currently issues discount notes and bonds.

Average Life. In mortgage-related investments, including CMOs, the average time to expected receipt of principal payments, weighted by the amount of principal expected.

Banker’s Acceptance. A money market instrument created to facilitate international trade transactions. It is highly liquid and safe because the risk of the trade transaction is transferred to the bank which “accepts” the obligation to pay the investor.

Benchmark. A comparison security or portfolio. A performance benchmark is a partial market index, which reflects the mix of securities allowed under a specific investment policy.

Broker. A broker brings buyers and sellers together for a transaction for which the broker receives a commission. A broker does not sell securities from his own position.

Callable. A callable security gives the issuer the option to call it from the investor prior to its maturity. The main cause of a call is a decline in interest rates. If interest rates decline since an issuer issues securities, it will likely call its current securities and reissue them at a lower rate of interest. Callable securities have reinvestment risk as the investor may receive its principal back when interest rates are lower than when the investment was initially made.

Certificate of Deposit (CD). A time deposit with a specific maturity evidenced by a certificate. Large denomination CDs may be marketable.

Certificate of Deposit Account Registry SYSTEM (CDARS). A private placement service that allows local agencies to purchase more than \$250,000 in CDs from a single financial institution (must be a participating institution of CDARS) while still maintaining FDIC insurance coverage. CDARS is currently the only entity providing this service. CDARS facilitates the trading of deposits between the California institution and other participating institutions in amounts that are less than \$250,000 each, so that FDIC coverage is maintained.

Collateral. Securities or cash pledged by a borrower to secure repayment of a loan or repurchase agreement. Also, securities pledged by a financial institution to secure deposits of public monies.

Commercial Paper. The short-term unsecured debt of corporations.

Cost Yield. The annual income from an investment divided by the purchase cost. Because it does not give effect to premiums and discounts which may have been included in the purchase cost, it is an incomplete measure of return.

Coupon. The rate of return at which interest is paid on a bond.

Credit Risk. The risk that principal and/or interest on an investment will not be paid in a timely manner due to changes in the condition of the issuer.

Current Yield. The annual income from an investment divided by the current market value. Since the mathematical calculation relies on the current market value rather than the investor's cost, current yield is unrelated to the actual return the investor will earn if the security is held to maturity.

Dealer. A dealer acts as a principal in security transactions, selling securities from and buying securities for his own position.

Debenture. A bond secured only by the general credit of the issuer.

Delivery vs. Payment (DVP). A securities industry procedure whereby payment for a security must be made at the time the security is delivered to the purchaser's agent.

Discount. The difference between the par value of a bond and the cost of the bond, when the cost is below par. Some short-term securities, such as T-bills and banker's acceptances, are known as discount securities. They sell at a discount from par, and return the par value to the investor at maturity without additional interest. Other securities, which have fixed coupons, trade at a discount when the coupon rate is lower than the current market rate for securities of that maturity and/or quality.

Diversification. Dividing investment funds among a variety of investments to avoid excessive exposure to any one source of risk.

Duration. The weighted average time to maturity of a bond where the weights are the present values of the future cash flows. Duration measures the price sensitivity of a bond to changes in interest rates. (See modified duration).

Federal Funds Rate. The rate of interest charged by banks for short-term loans to other banks. The Federal Reserve Bank through open-market operations establishes it.

Federal Open Market Committee. A committee of the Federal Reserve Board that establishes monetary policy and executes it through temporary and permanent changes to the supply of bank reserves.

Leverage. Borrowing funds in order to invest in securities that have the potential to pay earnings at a rate higher than the cost of borrowing.

Liquidity. The speed and ease with which an asset can be converted to cash.

Local Agency Investment Fund (LAIF). A voluntary investment fund open to government entities and certain non-profit organizations in California that is managed by the State Treasurer's Office.

Local Government Investment Pool. Investment pools that range from the State Treasurer's Office Local Agency Investment Fund (LAIF) to county pools, to Joint Powers Authorities (JPAs). These funds are not subject to the same SEC rules applicable to money market mutual funds.

Make Whole Call. A type of call provision on a bond that allows the issuer to pay off the remaining debt early. Unlike a call option, with a make whole call provision, the issuer makes a lump sum payment that equals the net present value (NPV) of future coupon payments that will not be paid because of the call. With this type of call, an investor is compensated, or "made whole."

Margin. The difference between the market value of a security and the loan a broker makes using that security as collateral.

Market Risk. The risk that the value of securities will fluctuate with changes in overall market conditions or interest rates.

Market Value. The price at which a security can be traded.

Marking to Market. The process of posting current market values for securities in a portfolio.

Maturity. The final date upon which the principal of a security becomes due and payable.

Medium Term Notes. Unsecured, investment-grade senior debt securities of major corporations which are sold in relatively small amounts on either a continuous or an intermittent basis. MTNs are highly flexible debt instruments that can be structured to respond to market opportunities or to investor preferences.

Modified Duration. The percent change in price for a 100 basis point change in yields. Modified duration is the best single measure of a portfolio's or security's exposure to market risk.

Money Market. The market in which short-term debt instruments (T-bills, discount notes, commercial paper, and banker's acceptances) are issued and traded.

Mortgage Pass-Through Securities. A securitized participation in the interest and principal cash flows from a specified pool of mortgages. Principal and interest payments made on the mortgages are passed through to the holder of the security.

Municipal Securities. Securities issued by state and local agencies to finance capital and operating expenses.

Mutual Fund. An entity which pools the funds of investors and invests those funds in a set of securities which is specifically defined in the fund's prospectus. Mutual funds can be invested in various types of domestic and/or international stocks, bonds, and money market instruments, as set forth in the individual fund's prospectus. For most large, institutional investors, the costs associated with investing in mutual funds are higher than the investor can obtain through an individually managed portfolio.

Nationally Recognized Statistical Rating Organization (NRSRO).
A credit rating agency that the Securities and Exchange Commission in the United States uses for regulatory purposes. Credit rating agencies provide assessments of an investment's risk. The issuers of investments, especially debt securities, pay credit rating agencies to provide them with ratings. The three most prominent NRSROs are Fitch, S&P, and Moody's.

Negotiable CD. A short-term debt instrument that pays interest and is issued by a bank, savings or federal association, state or federal credit union, or state-licensed branch of a foreign bank. Negotiable CDs are traded in a secondary market and are payable upon order to the bearer or initial depositor (investor).

Premium. The difference between the par value of a bond and the cost of the bond, when the cost is above par.

Primary Dealer. A financial institution (1) that is a trading counterparty with the Federal Reserve in its execution of market operations to carry out U.S. monetary policy, and (2) that participates for statistical reporting purposes in compiling data on activity in the U.S. Government securities market.

Prudent Person (Prudent Investor) Rule. A standard of responsibility which applies to fiduciaries. In California, the rule is stated as "Investments shall be managed with the care, skill, prudence and diligence, under the circumstances then prevailing, that a prudent person, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of like character and with like aims to accomplish similar purposes."

Realized Yield. The change in value of the portfolio due to interest received and interest earned and realized gains and losses. It does not give effect to changes in market value on securities, which have not been sold from the portfolio.

Regional Dealer. A financial intermediary that buys and sells securities for the benefit of its customers without maintaining substantial inventories of securities and that is not a primary dealer.

Safekeeping. A service to bank customers whereby securities are held by the bank in the customer's name.

Total Rate of Return. A measure of a portfolio's performance over time. It is the internal rate of return, which equates the beginning value of the portfolio with the ending value; it includes interest earnings, realized and unrealized gains, and losses in the portfolio.

U.S. Treasury Obligations. Securities issued by the U.S. Treasury and backed by the full faith and credit of the United States. Treasuries are considered to have no credit risk, and are the benchmark for interest rates on all other securities in the US and overseas. The Treasury issues both discounted securities and fixed coupon notes and bonds.

Treasury Bills. All securities issued with initial maturities of one year or less are issued as discounted instruments, and are called Treasury bills. The Treasury currently issues three- and six-month T-bills at regular weekly auctions. It also issues "cash management" bills as needed to smooth out cash flows.

Treasury Notes. All securities issued with initial maturities of two to ten years are called Treasury notes, and pay interest semi-annually.

Treasury Bonds. All securities issued with initial maturities greater than ten years are called Treasury bonds. Like Treasury notes, they pay interest semi-annually.

Volatility. The rate at which security prices change with changes in general economic conditions or the general level of interest rates.

Yield to Maturity. The annualized internal rate of return on an investment which equates the expected cash flows from the investment to its cost.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: REQUEST TO APPROVE CONTRACT WITH SOLUTIONS, INC. (MARILYN THOMS) FOR GENERAL AND PROJECT MANAGEMENT SERVICES
DATE: MARCH 21, 2019

Background

At the March 15, 2018 Board Meeting; the Board approved a contract with Solutions, Inc. (Marilyn Thoms) to assist staff with coordination of the Wholesale Zone Treatment Plant/Stormwater Program, the Administrative Building Program and the Vista del Lago Project. She has additionally worked with the General Manager and Eric O'Donnell of Townsend and Associates to identify and pursue state and federal grant funding opportunities.

Ms. Thoms' assistance has been invaluable in the preparation of the grant application and follow-up on the Santa Ana Watershed Project Authority's (SAWPA's) One Water One Watershed, Proposition 1 grant process, as well as the Bureau of Reclamation's WaterSmart grant process. Her experience and relationships with all of these parties, and in particular with the County of Orange, have benefitted the District immeasurably. Because of her work, the District obtained a letter of support from the County for our Stormwater/Storage Project at Upper Peters Canyon Lake. Her work has also resulted in the District being a serious contender for some level of funding for our project under the SAWPA grant.

As noted in the request for approval, funds identified for an unfilled staff position were used to fund Ms. Thoms work. With the addition of the Engineering Manager, these funds are no longer available, however the continued need for the services is requested as a contract service funded through various Capital Projects Funds. Staff requests that we retain Ms. Thoms under a three-year contract at a budget of \$50,000/year with a not-to-exceed contract cap of \$150,000; this is consistent with some additional needs we may have, but recognizes that the Engineering Manager will also be heavily involved in this process.

Financial Impact

Funding for this contract will be obtained from Capital Accounts for FY's 19/20, 20/21 and 21/22: Account #'s 71014D1 and 71014X1 (WZ Treatment Plant and CEQA), 71008E1 (McPherson Project-WZ), 72004E2 (McPherson Project-RZ) and 73010E3 (McPherson Project-ID1) 7206002 (Every Drop COUNTS! Project-RZ) and 7301303 (Septic2Sewer Conversions).

Recommendation

The Board approve the contract with Solutions, Inc. for the not-to-exceed amount of \$150,000 for the period April 1, 2019 through March 31, 2022.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: VISTA DEL LAGO SEPTIC2SEWER PROJECT STATUS REPORT
DATE: MARCH 21, 2019

BACKGROUND

Activities since February 21, 2019 include:

Pre-Construction Meeting: Representatives from the Contractor, MurrowCM/Dirtonu, the County of Orange, and the District met to review contract administration and construction and inspection procedures and processes.

Notices: Contractor, MurrowCM/Dirtonu posted all required notices regarding traffic and other impacts of the project in the neighborhood for two weeks prior to the commencement of construction. Vista del Lago was formally closed to traffic on Saturday, March 6th; it is expected to remain closed until work on Carroll Way commences but may remain closed during that period due to the tight working conditions in Carroll Way. Construction is now estimated to conclude by May 10th.

FINANCIAL IMPACT

No financial impact is associated with this report.

RECOMMENDATION

Information only; no Board action is required.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: PRESENTATION ON POSEIDON HUNTINGTON BEACH DESALINATION PROJECT AND RESOLUTION OF SUPPORT FOR ALTERNATIVE LOCAL WATER SUPPLY PROJECTS
DATE: MARCH 21, 2019

BACKGROUND

Since 2010, OCWD and Poseidon Resources have been working to studying the potential for building an ocean desalination plant in Huntington Beach. The proposed facility would have the capacity to produce 50 million gallons of water per day or 56,000 acre-feet of water per year. OCWD is considering whether it makes sense to purchase this new source of water if the project is approved. OCWD has approved a term sheet that would develop the terms of a final water purchase agreement with Poseidon; the term sheet doesn't commit either party to future actions.

The District's 2017 Strategic Plan (Goal 1, Water Supply; Strategies 5 (Provide adequate backup supply for groundwater production and 6 (Conduct planning to ensure reliable and high quality water supply and implement appropriate policies and infrastructure), provide some impetus for the Board to hear about this project in more detail, and to consider the adoption of the attached resolution of support for alternative local water supply projects such as ocean desalination, recycled water and stormwater capture.

Poseidon Resources' Vice President Scott Maloni will be present to provide a brief overview of the project and to answer questions about it.

FINANCIAL IMPACT

No financial impact is associated with this report.

RECOMMENDATION

The Board consider the adoption of Resolution ____ in support of alternative local water supply projects.

RESOLUTION NO. ____

**RESOLUTION OF THE BOARD OF DIRECTORS OF
THE EAST ORANGE COUNTY WATER DISTRICT
PROVIDING SUPPORT FOR THE EXPLORATION,
DEVELOPMENT, AND CONSTRUCTION OF
ALTERNATIVE WATER SOURCE PROJECTS
INCLUDING DESALINATION, RECYCLED WATER, AND
STORMWATER CAPTURE**

WHEREAS, the East Orange County Water District (“EOCWD”), as a county water district, is charged with the responsibility for providing its customers and constituents with sufficient water for present and future beneficial uses; and

WHEREAS, access to clean and affordable water is critical for all people who live in California, including those that reside within the boundaries of EOCWD; and

WHEREAS, conditions within the County of Orange and EOCWD’s service boundaries are such that the exploration and development of alternative local and regional sources of water is critical to meeting the current and future needs of those current and future customers of EOCWD;

WHEREAS, Orange County cities and special districts will be more self-reliant by developing their own local or regional water resources, thereby lessening the pressure, reliance, and dependence on the Sacramento Delta and statewide solutions such as the Bay-Delta Plan and the California Water Fix, while at the same time benefiting both environmental and agricultural interests throughout the State; and

WHEREAS, EOCWD’s 2017 Strategic Plan identifies specific strategies centered on (1) providing an adequate backup water supply to existing groundwater production, and (2) planning and exploring policies and infrastructure to ensure reliable and high quality water supply, in connection with EOCWD’s goal of providing reliable water service, in a manner that considers the environment, to meet the needs of the community; and

WHEREAS, in accordance with its Strategic Plan, it is in the interests of EOCWD to support projects that reduce dependence on imported water by increasing the availability and reliability of local and regional supplies; and

WHEREAS, EOCWD desires to set forth and document its support for the exploration, development, and construction of alternative water supply projects, including, but not limited to, those projects involving desalination, recycled water, and stormwater capture.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE EAST ORANGE COUNTY WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE AND ORDER AS FOLLOWS:

Section 1. The recitals set forth above are true and correct, and are incorporated into this Resolution by this reference as findings of the Board of Directors (“Board”).

Section 2. The Board hereby affirmatively supports the exploration, development, and construction of alternative water supply projects, including, but not limited to, desalination, recycled water, and stormwater recapture projects.

Section 3. The Board authorizes and directs the General Manager, or her designee, to take such actions as may be reasonably necessary to effectuate the purpose of this Resolution, including, but not limited to, reviewing, commenting on, and expressing support for specific projects in a manner consistent with or furthering the purposes set forth herein.

Section 4. This Resolution shall be effective immediately upon adoption by the Board.

APPROVED, ADOPTED, AND SIGNED this _____ day of _____ 2019.

President
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

[illegible]

I, JEFFREY A. HOSKINSON, Secretary of the Board of Directors of the EAST ORANGE COUNTY WATER DISTRICT, do hereby certify that the foregoing Resolution No. ____ was duly adopted by the Board of Directors of said District at a Regular Meeting of said District held on _____, 2019, and that it was so adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Secretary
EAST ORANGE COUNTY WATER DISTRICT
and of the Board of Directors
thereof

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: NOTICE OF GRANT AWARD - RETAIL ZONE WELL CONSTRUCTION FUNDING
DATE: MARCH 21, 2019

BACKGROUND

In May 2015, the Orange County Water District authorized participation with the San Bernardino Valley Municipal Water District (Valley District), Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), and Western Municipal Water District (WMWD) (collectively "Agencies") in planning the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP).

The SARCCUP program provides multiple, regional benefits to the Santa Ana River Watershed and is made up of three elements: 1. A large-scale, conjunctive use project that utilizes unused storage space in the watershed's groundwater basins allowing the banking of wet year supplies for use in dry years, facilitating the augmentation of drought and emergency water supplies. 2. Habitat restoration for the Santa Ana Sucker, a threatened species and recovers water being consumed by arundo, an invasive plant species. Creation of 18,250 linear feet of new habitat will significantly improve conditions for the Santa Ana Sucker fish along the Santa Ana River. SARCCUP also includes removal of 640 acres of Arundo donax and restoration of 41 acres of habitat with native species. 3. Water use efficiency (WUE) measures to lower water demands in the watershed. The program is being partially funded by a \$55 million Proposition 84 grant through the SAWPA OWOW (One Water One Watershed) process.

Recently, IEUA decided that they would not participate in the conjunctive use project and forfeited \$8.5 million in grant funds, which was subsequently awarded to OCWD. OCWD in turn, is using these funds to provide grants to some member agencies to construct new production wells; EOCWD's Retail Zone is one of the agencies selected to receive \$2.0 Million to assist in the cost of the construction of the new well.

Staff will be meeting with OCWD to discuss the details of the award: agreements, critical path items, etc. It should be noted that this is a reimbursement program with a 50% matching requirement; the Retail Zone will need to fund the new well and then will receive reimbursement for the State's share of the costs. At an estimated cost of \$3.0 million, funds are available in the Retail Zone reserves to fund this cost up front.

Staff will provide more information on the project as it develops.

FINANCIAL IMPACT

No financial impact is associated with this report.

RECOMMENDATION

Information only; no action is required.

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: PRESENTATION ON STATE DIVISION OF DRINKING WATER ORDER #05-08-19M-013-3010068 REQUIRING PFAS SAMPLING AT RETAIL ZONE WELLS
DATE: MARCH 21, 2019

BACKGROUND

Per- and polyfluoroalkyl substances (PFAS) are a group of synthetic chemicals that have been in use since the 1940s. PFAS are found in a wide array of consumer and industrial products. PFAS manufacturing and processing facilities, facilities using PFAS in production of other products, airports, and military installations are some of the contributors of PFAS releases into the air, soil, and water. Due to their widespread use and persistence in the environment, most people in the United States have been exposed to PFAS. There is evidence that continued exposure above specific levels to certain PFAS may lead to adverse health effects. Of all of the PFAS compounds, two: Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) have been the most extensively produced and studied in the United States.

On March 15th, we were notified (see attached) that the state is requiring testing for PFOA and PFOS of our two Retail Zone Wells. Should the testing reveal that these compounds are present at concentrations of 13 parts per trillion for PFOS and 14 parts per trillion for PFOA, the state requires that we notify the Board and recommends that our customers be notified via the annual Water Quality Report. If levels in excess of 70 parts per trillion are found for either compound, the State recommends extensive other actions including taking the water supply source out of service.

Engineering Manager Jeff Smyth will provide the Board with a more in-depth briefing on this subject at the meeting, as well as a summary of staff's proposed Action Plan in the event PFAS compounds are found in our well water at a level higher than the 13 PPT and 14PPT levels.

FINANCIAL IMPACT

No financial impact is associated with this report.

RECOMMENDATION

Information only; no action is required.

State Water Resources Control Board

Division of Drinking Water

March 15, 2019

System No. 3010068

Ms. Lisa Ohlund
General Manager
East Orange County Water District
185 N. McPherson Road
Orange, CA 92869-0334

ORDER NO. 05_08_19M_013_3010068

HEALTH AND SAFETY CODE SECTION 116400 ORDER REGARDING SAMPLING FOR PERFLUOROCTANOIC ACID ("PFOA")/PERFLUOROCTANESULFONIC ACID ("PFOS")

Dear Ms. Ohlund:

Enclosed is Order No. 05_08_19M_013_3010068 (hereinafter "Order") issued by the State Water Resources Control Board ("State Water Board"), Division of Drinking Water ("DDW") to the East Orange County Water District – Retail Zone ("District"). **Please note that there are legally enforceable requirements associated with this Order.**

The contamination of drinking water systems with per- and polyfluoroalkyl substances ("PFAS") has become an increasing concern due to the tendency of PFAS to accumulate in groundwater. Scientific studies indicate that exposure to PFAS can lead to significant health effects, especially in women who are pregnant or likely to become pregnant and in children. Of all PFAS compounds, PFOS and PFOA have been the most extensively produced and studied in the United States. Additional targeted testing needs to be completed to further identify the magnitude of the potential issue here in California.

From 2013 to 2015, the federal Third Unregulated Contaminant Monitoring Rule required all large water systems (water systems serving over 10,000 people) to collect and analyze more than 12,000 drinking water samples for PFOS and PFOA. In addition, some water systems serving less than 10,000 people reported approximately 400 drinking water results for PFOS and PFOA.

In May 2016, the United States Environmental Protection Agency (U.S. EPA) issued a lifetime health advisory for PFOS and PFOA for drinking water advising municipalities that they should notify their customers of the presence of levels over 70 parts per trillion of total combined PFOS and PFOA in community water supplies. U.S. EPA recommended that the notification of customers include information on the increased risk to health, especially for susceptible populations.

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

2 MacArthur Place Suite 150, Santa Ana, CA 92707 | www.waterboards.ca.gov

The California Office of Environmental Health Hazard Assessment (OEHHA) recommends interim notification levels for PFOA (based on liver toxicity, as well as cancer risks) and for PFOS (based on immunotoxicity). Accordingly, on July 13, 2018, after independent review of the available information on the risks, DDW established notification levels at concentrations of 13 parts per trillion for PFOS and 14 parts per trillion for PFOA. These levels are consistent with OEHHA's recommendations.

Pursuant to Health and Safety Code section 116400, DDW is issuing the enclosed Order requiring testing for PFOA and PFOS along with all additional analytes using in the approved DDW testing methodology. As specified in the enclosed Order, your drinking water system sources that are specifically listed in the order are at risk for potential contamination by PFAS due to its proximity to adjacent facilities known to use, produce, or store PFAS. Additional information is provided at:

<http://waterboards.ca.gov/pfas>

Any person who is aggrieved by this Order may file a petition with the State Water Board for reconsideration of this Order. Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

DDW appreciates the hard work of the District in maintaining safe drinking water at all times. The information gathered from the enclosed Order will assist the State Water Board in its mission to protect water resources and to address risks to health caused by PFAS in drinking water.

In early April, DDW will provide a webcast training to provide additional information, share guidance, and answer questions. Details will be sent as the training develops.

If you have any questions regarding this matter, please contact me at 714-558-4706, or Ashley.Dummer@waterboards.ca.gov.

Sincerely,



Ashley Dummer, P.E.
Acting District Engineer
Division of Drinking Water

Enclosures: 1) PFAS Sampling Order 05_08_19M_013_3010068
2) Appendix 1: DDW Drinking Water Sample Collection for Per and Polyfluorinated Alkyl Substances (PFAS) Sampling Guidance

Cc: Anthony Martinez
Orange County Health Care Agency

Lauren Robinson
Orange County Health Care Agency

Patrick Versluis
Director of Water Quality, Orange County Water District

Jerry Mendzer
Operations Manager, East Orange County Water District

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

Name of Public Water System: East Orange County Water District – Retail Zone

Water System No: 3010068

Attention: Ms. Lisa Ohlund, General Manager

Issued: March 15, 2019

**ORDER REQUIRING EAST ORANGE COUNTY WATER DISTRICT – RETAIL ZONE
TO SAMPLE FOR PERFLUOROOCTANOIC ACID
("PFOA")/PERFLUOROOCTANESULFONIC ACID ("PFOS")
CALIFORNIA HEALTH AND SAFETY CODE SECTION 116400**

The State Water Resources Control Board ("State Water Board"), acting by and through its Division of Drinking Water ("Division"), hereby issues Order No. 05_08_19M_013_3010068 (hereinafter "Order") pursuant to section 116400 of the Health and Safety Code to East Orange County Water District – Retail Zone ("District") as set forth below:

AUTHORITIES

1. Health and Safety Code section 116400 authorizes the State Water Board, if it determines that a public water system is subject to potential contamination, to order a public water system to conduct periodic water analysis in accordance with conditions specified by the State Water Board. Section 116400 specifies that the

water analysis shall be reported on a quarterly basis unless the State Water Board finds that reasonable action requires either more or less frequent analysis.

2. On July 13, 2018, pursuant to Health and Safety Code section 116455, the State Water Board: (1) established a notification level for perfluorooctanoic acid ("PFOA") at 0.000014 mg/L, and specified EPA Method 537 Rev. 1.1 as the analytical method; (2) established a notification level for perfluorooctanesulfonic acid ("PFOS") at 0.000013 mg/L, and specified EPA Method 537 Rev. 1.1 as the analytical method; and (3) established the response level for both PFOA and PFOS, combined, at 0.000070 mg/L.
3. Health and Safety Code section 116455 requires that within 30 days of a confirmed detection of a contaminant found in drinking water delivered by a public water system for human consumption that is in excess of a notification level set by the State Water Board, the public water system which supplies water directly to the end user shall notify the public water system's governing body and the governing body of any local agency whose jurisdiction includes areas supplied with drinking water by the water system. A local agency means a city and/or a county. If the water system is a water company regulated by the California Public Utilities Commission ("Commission"), then the water system shall also notify the Commission.
4. The drinking water system sources specifically listed in this Order are at risk for potential contamination by per- and polyfluoroalkyl substances (PFAS) due to proximity with adjacent source wells which are known to be contaminated with PFAS, as identified by testing conducted under the federal Third Unregulated Contaminant Monitoring Rule.

FINDING

Therefore, for the reasons set forth above, the State Water Board determines that the District is subject to potential contamination from PFOA/PFOS.

DIRECTIVES

THEREFORE, the State Water Board hereby orders that the District conduct periodic water analysis of PFOA/PFOS as follows:

1. On or before June 30, 2019, collect a sample from the following sources to be analyzed for PFOA and PFOS. Samples shall be collected at least once each calendar quarter thereafter, and not less than for 4 quarters.

Source Number	Source Name
3010068-001	East Well
3010068-002	West Well

2. Samples collected pursuant to Directive 1 shall be analyzed using a laboratory accredited by the California Environmental Laboratory Accreditation Program (ELAP) for analysis of PFAS using either EPA Method 537.1 or EPA Method 537 Revision 1.1. The laboratory should conduct a complete analysis for all PFAS analytes under the method for which it is accredited. For EPA Method 537, Rev. 1.1, analysis for 14 analytes should be conducted. For EPA Method 537.1, analysis for 18 analytes should be conducted.
3. Due to concerns regarding contamination of samples by PFAS which may be present in clothing worn, fabric, lotions, sunscreen, food wrappers, etc., extra precaution must be used when collecting samples to avoid false positive results. You must consult with your laboratory to ensure that appropriate sampling protocol

is followed. An example sampling protocol for PFAS developed by the Division is attached to this Order.

4. If laboratory analysis detects the presence of PFOA and/or PFOS in any sample above the notification levels, the District will have an option to conduct a confirmation sample within 30 days of being notified of the result by the laboratory. If a confirmation sample is collected and analyzed, all results will be averaged within that quarter to determine if the confirmed detection is greater than the notification level. A result below the laboratory method reporting limit will be assigned a value of zero when averaging. If a confirmation sample is not collected, notification pursuant to Health and Safety Code section 116455 is required.
5. If a positive result for a source is followed by a result less than the laboratory method reporting limit, a second confirmation sample may be taken by the District within 14 days of the first repeat sample. A positive initial result will be disregarded if two additional samples do not show the presence of the organic chemical, pursuant to title 22, section 64445.1, subd. (c)(1) of the California Code of Regulations.
6. Notification pursuant to Health and Safety Code section 116455 is required if, following the sampling and testing protocols set forth above, there is an exceedance of the notification levels for PFOA and/or PFOS in any of the listed source waters.
7. Notification pursuant to Health and Safety Code section 116455 is not required if, following an exceedance of notification levels for PFOA and/or PFOS, the District submits testing results following the sampling and testing protocols set forth above which shows that, following blending with another source or treatment, the water delivered to the customer does not exceed the notification levels for PFOA and/or PFOS.

8. The results of all analyses conducted pursuant to this Order shall be reported to the Board by the analyzing laboratory using the EDT (Electronic Data Transfer) process in accordance with section 64469 of title 22 of the California Code of Regulations. Analytical results shall be reported no later than the 10th day of the month following completion of the analysis.

The State Water Board reserves the right to make modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Order and shall be effective upon issuance.

SEVERABILITY

The directives of this Order are severable, and the District shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

FURTHER ENFORCEMENT ACTION

The California Safe Drinking Water Act authorizes the State Water Board to issue a citation or order with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California Safe Drinking Water Act or any regulation, permit, standard, citation, or order issued or adopted thereunder including. The California Safe Drinking Water Act also authorizes the State Water Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Water Board, and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with an order of the State Water Board.

Sean F. McCarthy

March 15, 2019

Sean McCarthy, P.E.
South Coast Section Chief
State Water Resources Control Board
Division of Drinking Water

Date

Appendix (1): Division Drinking Water Sample Collection for Per and Polyfluorinated
Alkyl Substances (PFAS) Sampling Guidance

Certified Mail No. 7009 2250 0000 8391 4604

Appendix (1)

Division Drinking Water Sample Collection for Per and Polyfluorinated Alkyl Substances (PFAS) Sampling Guidance



**DRINKING WATER SAMPLE COLLECTION FOR
PER AND POLYFLUORINATED ALKYL SUBSTANCES (PFAS)
SAMPLING GUIDANCE**



Photo by Valerie Gregory

**STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER
March 2019**

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DRINKING WATER SAMPLE COLLECTION FOR PER AND POLYFLUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING GUIDANCE

I. INTRODUCTION

Obtaining representative samples and maintaining their integrity are critical elements of any monitoring program. Analytical methods may be standardized but the results of analyses are only as good as the sampling and the sample preservation methods. Sampling is the first key element in a monitoring program that must be performed properly to assure valid data. The goal of this sampling guidance is to present the steps for drinking water sampling on per and polyfluorinated alkyl substances.

Per- and polyfluorinated alkyl substances (PFAS) are a large group of synthetic fluorinated chemicals widely used in industrial processes and consumer products. These synthetic compounds are very persistent in the environment. People are exposed to these compounds through food, food packaging, textiles, electronics, personal hygiene products, consumer products, air, soils, and drinking water. Studies indicate that continued exposure to low levels of PFAS may result in adverse health effects.

California water utilities tested drinking water supplies for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) between 2013 and 2015, as required by United States Environmental Protection Agency (USEPA) under the third Unregulated Contaminant Monitoring Rule (UCMR3). In May 2016, the USEPA issued a lifetime health advisory for PFOS and PFOA in drinking water, advising municipalities that they should notify their customers of the presence of levels over 70 parts per trillion (ppt) of total combined PFOS and PFOA in community water supplies. USEPA recommended that the notification of customers include information on the increased risk to health, especially for susceptible populations. On July 13, 2018, the State Water Resources Control Board's Division of Drinking Water issued a drinking water notification level (NL) of 14 ppt for PFOA and a NL of 13 ppt for PFOS due to liver toxicity and cancer risks (for PFOA) and immunotoxicity risks (for PFOS).

The collection of PFAS drinking water data can support future regulatory determinations and other actions to protect public health. The analytical methodologies used to assess the PFAS in drinking water are EPA Method 537.1 (released in November 2018), and EPA Method 537 Revision 1.1 (2009). These are the only methods validated by the USEPA and acceptable to the Division of Drinking Water for drinking water analyses.

II. PURPOSE OF SAMPLING GUIDANCE

Due to the prevalent nature of PFAS in commonly used sampling materials and personal protective equipment, as well as in clothing, food packaging and personal care products, careful procedures must be implemented to prevent contamination of a field sample. The detection of

PFAS at the low concentrations that pose a health risk requires careful planning, sampling and shipping techniques that ensure the integrity of the sample. This sampling guidance provides recommendations to reduce such contamination sources and provides information for samplers to ensure collection of a valid sample. Results from sampling of drinking water sources should be reported electronically by the analyzing laboratory to the Division of Drinking Water.

III. QUALITY CONTROL FIELD SAMPLE TYPES

Due to the low detection limits of PFAS in the drinking water, the Division of Drinking Water is specifying the use of both a field blank and trip blank. These special quality control sample techniques must be discussed with the laboratory to ensure proper sample containers and materials are on hand when sampling begins in the field.

FIELD BLANK

A field blank is analyzed to assess the potential for PFAS contamination being introduced during the sampling process and consists of a sample bottled filled at the sample site using reagent water provided by the laboratory. The field blank must be collected at each sample site and stored in the ice chest used to store and transport samples. The laboratory will provide the field blank sample bottle, the reagent water and the preservative (if not already added to the sample bottles).

Field Blank Procedure: At the sampling site, the sample personnel must open the field blank sample bottle, pour the reagent water into the sample bottle, seal and label this bottle as the field blank. Record the field blank identification number on the chain of custody (COC) form.

This sample is shipped back to the laboratory along with the site samples. The empty container that the field reagent water was poured out of must also be shipped back to the laboratory in the same shipment.

TRIP BLANK

This sample is to evaluate potential contamination from sample shipping and handling procedures. At least one trip blank per ice chest is required.

The laboratory will provide the trip blank. Carry the trip blank as received from the laboratory to the field site. Do not open the trip blank but place it in the ice chest with the water samples collected and submit to the laboratory for analysis along with the field-collected samples. Record the trip blank identification number on the COC.

IV. SAMPLING ACTIVITIES

Become thoroughly familiar with sample collection and shipping requirements before proceeding to the site to collect water samples. Ensure adequate sample containers are on hand to sample each site, including the trip blank and one field blank per site.

Keep clear and precise written field records. Implement the methods described in this document conscientiously and consistently. Departure from these procedures requires documentation in the field notebook.

All samples shall be collected directly from a sample tap on the well discharge line, with the well operating and at a location prior to any treatment. The well should be flushed to waste at least 15 minutes before sample collection.

Use of a laboratory accredited to analyze for PFAS using EPA Method 537.1 or EPA Method 537 Revision 1.1 is required for samples reported to the Division of Drinking Water. A list of laboratories accredited by the California Environmental Laboratory Accreditation Program (ELAP) can be found at this internet site:

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/PFOA_PFOS.html

AVOID SAMPLE CONTAMINATION

PFAS compounds are detected at very low levels (parts per trillion). Therefore, there could be materials used by the sampler, or present at the sampling site, that could contaminate the sample. All persons involved in the sampling event should **refrain** from the use of the following **products at least 24 hours prior to the sampling event** and until the samples have passed to the next person in the COC:

- Do not use 24 hours prior to sample event:
 - Cosmetics, moisturizers, sun blocks, fragrances, creams, or other personal care products (including hair products)
 - Pre-packaged food, fast food or items wrapped in aluminum foil
 - New or unwashed clothing
 - Clothing washed with fabric softeners or dried with anti-static sheets
- Other items that are likely to contain PFAS and need to be avoided include:
 - Teflon® and other fluoropolymer containing materials
 - Glass bottles, waterproof /treated paper on field notebooks
 - Waterproof markers (such as Sharpie®, etc.)
 - Adhesive paper products (such as Post-It® Notes or scotch tape)

PFAS Sampling Guidance

- Synthetic water-resistant/or stain-resistant materials (such as waterproof clothing and shoes such as Gore-Tex), waterproof or coated Tyvek® material (special attention to boots)
- Sealable bags (e.g., zip-lock ® plastic bags) that are not provided by the laboratory. (Note: only ultra-clean polypropylene or HPDE material sealable bags are allowed)
- Avoid sampling during rain if possible (if necessary please use, vinyl or PVC rain gear)
- Fill gasoline in the vehicle the day before sampling
- Never eat, drink or smoke during sampling activity

BEFORE SAMPLING

- Complete materials and supplies checklist (Attachment A).
- Familiarize yourself with each site being sampled.
- Coordinate the sampling event with the accredited laboratory. The laboratory will provide containers, sample preservation, COC forms, ice chest, quality control samples, and shipping instructions.
- Bottles should be labeled before sample collection.
- Ensure sufficient number of sample bottles and preservatives before departure. It is recommended to request extra bottles, in case of damage to bottles during shipping or handling during the sampling event.
- Ensure that the ice chest interior is clean.
- Fill the ice chest with wet ice (not dry ice, blue ice or reusable chemical ice) before departure for the sample collection event. Keep water drained from ice chest to avoid soaking the containers.
- Ensure an adequate number of sealable bags are available to store all sample bottles.

SAMPLE COLLECTION PRECEDURE

- Sampling taps and plumbing should be free of materials containing Teflon® (such as Teflon® tape at plumbing joints).
- Wash hands with Alconox ® soap and deionized water before each sampling event.
- Wear nitrile gloves while filling and sealing the sample bottles, using a new pair of nitrile gloves with each sample.
- Samples must be collected in a wide mouth 250 mL polypropylene bottle (provided by the laboratory) fitted with a polypropylene screw cap.
- Each bottle needs to be preserved before sample collection with 5 g/L Trizma®, unless the preservative has been added to the bottles by the laboratory.

PFAS Sampling Guidance

- Ensure that the sample container is labeled appropriately, check that the label ID number on the sample container matches the COC form.
- Collect the sample:
 - Open the sample tap and allow the system to flush until the water temperature has stabilized, or until a minimum of one well casing volume has been flushed out. It is recommended that wells be allowed to flow for **a minimum of 15 minutes** before sampling to ensure that the sample reflects the water quality of the source.
 - Reduce the flow to a slow laminar stream to reduce air entrainment and overfilling of the bottle.
 - Uncap the sample bottle. Do not place the bottle cap on any surface when collecting the sample, and avoid all contact with the inside of the sample bottle or its cap.
 - Fill sample bottle, taking care not to flush out the sample preservation reagent. Samples do not need to be collected headspace free, but a volume of 250 mL is necessary for the sample analysis.
 - After collecting the sample, cap the bottle and gently agitate by hand until preservative is dissolved.
 - Place the sample bottle(s) in an individual sealed plastic bag (provided by the laboratory), and then into the ice chest with ice surrounding the bottles. (Note: only ultra-clean polypropylene or HPDE material sealed bags are allowed).
- Place the COC seal across the top of each sample bottle cap.
- Sample personnel will collect appropriate quality control samples (field blank, trip blanks and split samples). One field sample per sample site, one trip blank per ice chest.
- A two-person sample team is recommended: One team member obtains the samples, and other records the samples in the COC form with the sample collection information.
- Record field site observations in the field notebook¹ (such as types of pipes and fittings, time well operated prior to sample, site characteristics, atmospheric conditions, etc.). Take pictures documenting the specific conditions encountered and how the sample was collected. Record this information at the time of sampling.

AFTER SAMPLING

All team members coming out of the site sampling area must immediately conduct personal decontamination.

- Remove your gloves and place them in a sealable plastic bag.
- Wash your hands with Alconox ® soap and rinse with deionized water.

¹ The field notebook should not be waterproof

SAMPLE SHIPPING

- Samples should be stored in ice chests at least 1/3 filled with wet ice and do not exceed 10°C (50°F) until analyzed at the laboratory. If the immediate analysis is not possible, samples should be stored at 10°C (50°F) while independently enclosed to their individual sealed bag provided until extraction but must not be frozen or stored in blue ice/chemical ice.
 - Samples must arrive at the laboratory within 48 hours of sampling, and at a temperature between 10°C (50°F) and 0°C (32°F) but not frozen.
 - If samples are received at the laboratory more than 48 hours after sampling they must be between 6°C (42.8°F) and 0°C (32°F) but not frozen.
- Pack the bottles (which are placed inside sealable plastic bags provided by the laboratory) upright in the ice chest. Ensure that the bottles cannot move sideways at all. Any extra space should be packed with ice.
- Put additional ice inside of double plastic bags and place these on top of the bottles.
- The COC form will accompany all samples and be filled out at the same time samples are collected.² The COC form is an integral part of sample QA/QC, each ice chest should include a COC.
 - Ensure that the COC is complete and ready to be signed by lab representative, carrier or overnight service, and retain the sender's copy.
 - Place the COC in a sealed plastic bag (1 gallon) inside of the cooler.
- Seal the ice chest firmly by wrapping tape around it multiple times. Put labels stating "keep chilled" on the outside of the ice chest.
- Attach plastic overnight carrier tags to the ice chest's handle, retain the marked sender's copy for the record tracking number.
- Provide the shipping information to the laboratory and communicate the potential time of arrival of the samples.

² The general information from the COC could be filled ahead (Contact information, samplers name)

ATTACHMENT A

Recommended Materials and Supplies Checklist:

- ☐ Sampling procedure document (Methods for sampling)
- ☐ Site location information
- ☐ Chain of custody forms
- ☐ Extra sample labels for each sample
- ☐ Sample bottles
 - ☐ Number of sites to be sampled: _____
 - ☐ Number of sample bottles: _____
 - ☐ Number of Field Blanks: _____
 - ☐ Number of Trip Blanks: _____
- ☐ Trizma® (preservative, unless added to the bottles by the laboratory)
- ☐ Cooler (ice chest) and ice
- ☐ Packing material if samples are to be shipped
- ☐ Field notebook, but not waterproof paper
- ☐ Office supplies (pens, tape)
- ☐ Powderless nitrile gloves
- ☐ Paper towels
- ☐ Scissors/cutter
- ☐ Deionized water (DI)
- ☐ Resealable bags [(jumbo (2.5 gal); large (1 gal); and medium (1quarter))] ultra-clear Polypropylene or HPDE material (only).
- ☐ Alconox ® soap
- ☐ Folding table
- ☐ Field clipboard
- ☐ Overnight carrier shipping forms
- ☐ Temperature/pH/EC meter
- ☐ Safety glasses
- ☐ Camera and charger – ensure time and date stamps are on digital camera image

EAST ORANGE COUNTY WATER DISTRICT

DISBURSEMENT SUMMARY

March 21, 2019

WHOLESALE AND RETAIL BILLS	\$612,804.38
DIRECTOR'S PAYROLL	\$1,291.80
EMPLOYEE'S PAYROLL	\$87,937.79
DISBURSEMENT TOTAL	<u><u>\$702,033.97</u></u>

TRANSFER SUMMARY

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

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

East Orange County Water District
Bills For Consideration
As of February 19, 2019

Date	Num	Name	Memo	Credit
02/19/2019	3241	DEPARTMENT OF MOTOR VE...	Application fee for Clean Air Vehicle Stickers - 2019 Ford Fusi...	22.00
TOTAL				22.00

Date	Num	Name	Memo	Credit
1011-10 · Checking Citizens-WZ				
02/22/2019	3242	AKM CONSULTING ENGINEERS	Septic System Sub-Master Plan 1/2/19 - 2/1/19	19,265.00
02/22/2019	3243	ALS GROUP USA, CORP	Laboratory Analyses (water quality) Feb 2019	234.00
02/22/2019	3244	AMERICAN ELECTRIC COMPANY	Purchase of electric pedestal	902.08
02/22/2019	3245	ANDREW HAMILTON	Treasurer Services - January 2019	600.00
02/22/2019	3246	ARAMARK UNIFORM SERVICES	Uniforms - February 2019	166.05
02/22/2019	3247	AT&T	SCADA/Alarm February 2019	80.07
02/22/2019	3248	ATKINSON, ANDELSON, LOYA, RUU...	January 2019 Legal Fees	8,008.00
02/22/2019	3249	BAY ALARM	Alarm Services 3/1/19-6/1/19	105.00
02/22/2019	3250	COMMUNICATIONS LAB	Professional Services - Jan 2019	8,130.28
02/22/2019	3251	CR&R INC.	Waste Disposal Service Period 2/1/19 - 2/28/19	109.26
02/22/2019	3252	GENERATOR SERVICES CO, INC	Rental Generators - Feb 2019	3,537.19
02/22/2019	3253	HAAKER EQUIPMENT COMPANY	Sewer Combo Truck Repairs	7,460.34
02/22/2019	3254	MEYERS NAVE	Legal Fees - Crown Castle	736.65
02/22/2019	3255	Mrs. Joyce Altman	Sewer Fee Refund - 14891 Yorba Street	1,883.00
02/22/2019	3256	MWDOC	VOID:	
02/22/2019	3257	NATIONAL CONSTRUCTION RENTALS	Fence Rental - 2/14/19-3/13/19	240.12
02/22/2019	3258	NICHOLAS J. ARHONTES	Sewer System Consulting Svcs Jan 2019	321.00
02/22/2019	3259	PERFORMANCE PIPELINE TECHNO...	Sewer System Cleaning - Callout	39,345.20
02/22/2019	3260	PROFESSIONAL PIPE SERVICES	October Services	9,445.19
02/22/2019	3261	SAMANTHA R. WATERMAN	Assistance with Stormwater Rights	10,450.00
02/22/2019	3262	SOUTHERN CALIFORNIA EDISON	Various locations 1/25/19 - 2/24/19	892.14
02/22/2019	3263	STEVEN ANDREWS ENGINEERING	Engineering Services 1/1/19 - 1/31/19	9,140.00
02/22/2019	3264	SY EVERETT	Reissue Check #157	161.62
02/22/2019	3265	TAB ANSWER NETWORK	Answering Service 2/14/19 - 3/17/19	32.55
02/22/2019	3266	VULCAN MATERIALS COMPANY	Road repair materials - cold mix	371.73
02/22/2019	3267	WAYNE GRAU	Alarm System Repairs	270.00
02/22/2019	3268	YO FIRE	Meter Boxes & Covers	422.38
02/23/2019	3269	MWDOC	Wholesale Zone Water Purchase	239,756.14
Total 1011-10 · Checking Citizens-WZ				362,064.99
TOTAL				362,064.99

East Orange County Water District
Bills For Consideration
As of February 28, 2019

Date	Num	Name	Memo	Credit
02/28/2019	3270	US BANK	Interest payment A/C228596000&228595000	15,323.04
TOTAL				15,323.04

East Orange County Water District

Bills For Consideration

As of March 8, 2019

03/12/19

Accrual Basis

Date	Num	Name	Memo	Credit
03/08/2019	3271	ACWA-JPIA (EMP INSURANCE)	Employee Med/Dental/Vision/Life Insurance Mar 2019	15,194.67
03/08/2019	3272	ACWA JPIA	Excess Fraud Insurance 4/1/18-7/1/19	236.00
03/08/2019	3273	AKM CONSULTING ENGINEERS	Septic System Sub-Master Plan 2/4/19-3/1/19	7,015.00
03/08/2019	3274	ALHAMBRA FOUNDRY CO. LTD	Sewer Manhole Covers & Frames	14,190.68
03/08/2019	3275	ALLCOM	March Janitorial	360.00
03/08/2019	3276	ALS GROUP USA, CORP	Laboratory Analysis (Water Quality) Mar 2019	470.00
03/08/2019	3277	ANDREW HAMILTON	Treasurer Services - February 2019	712.50
03/08/2019	3278	ARAMARK UNIFORM SERVICES	Uniforms- March 2019	55.35
03/08/2019	3279	AT&T LONG DISTANCE	Telephone - Long Distance - March 2019	24.83
03/08/2019	3280	CA BANK & TRUST	Credit Card Charges for 1/23/19-2/22/19 (Old Card)	5,156.92
03/08/2019	3281	CAROLLO ENGINEERING	WZ/RZ Master Plan	468.40
03/08/2019	3282	CITY OF ORANGE	Truck Repair - Combo & Jetter Trucks	246.41
03/08/2019	3283	CITY OF ORANGE-WATER	12/12/2018 - 2/20/2019 Water Usage	29.48
03/08/2019	3284	DKF SOLUTIONS GROUP, LLC	Safety Program	395.00
03/08/2019	3285	EAST ORANGE COUNTY WATER DI...	Payment to WZ for Imported Water	5,280.73
03/08/2019	3286	GENERATOR SERVICES CO, INC	Rental Generators - February 2019	3,537.19
03/08/2019	3287	HACH COMPANY	Chemical Testing	289.07
03/08/2019	3288	J G TUCKER & SON, INC	Safety Equipment	841.85
03/08/2019	3289	LEWIS CONSULTING GROUP	Consulting Services - Feb 2018	1,500.00
03/08/2019	3290	MAIN GRAPHICS	Bi-Monthly Water Bill Mailing	1,018.83
03/08/2019	3291	MEYERS NAVE	Legal Fees - Crown Castle	994.50
03/08/2019	3292	Orange County Sanitation District	Permits - Feb 2019	25,596.66
03/08/2019	3293	PARADISE DRINKING WATERS	Bottled Water - (Office/Field)	34.80
03/08/2019	3294	PLATINUM CONSULTING GROUP	February Accounting Services	3,637.30
03/08/2019	3295	PLUMBERS DEPOT INC.	Purchase of CCTV Truck & Equipment	87,897.06
03/08/2019	3296	RICHARD C. SLADE & ASSOCIATES,...	Preliminary Well Design & Evaluation	16,991.43
03/08/2019	3297	RUDY W. SCHROEDER	Safety Program	246.25
03/08/2019	3298	SC FUELS	Fuel - February 2019	2,228.69
03/08/2019	3299	SEDARU, INC.	Water Quality Engineering Services	3,162.00
03/08/2019	3300	SOLUTIONS PROJECT MANAGEME...	Peters Canyon Water Treatment Project	2,255.00
03/08/2019	3301	SOUTHERN CALIFORNIA EDISON	Various locations 1/25/19 - 2/23/19	8,956.26
03/08/2019	3302	SPECTRUM BUSINESS	Office Internet 3/8/19-4/7/19	129.97
03/08/2019	3303	STEVEN ANDREWS ENGINEERING	Engineering services 2/1/19 - 2/28/19	14,840.00
03/08/2019	3304	TECH RESCUE TRAINERS INC.	Confined Space Entry Training	1,440.00
03/08/2019	3305	TOTAL EXTERMINATING INC	Rodent Control - Peters Canyon Res. Feb 2019	275.00
03/08/2019	3306	TOWNSEND PUBLIC AFFAIRS, INC.	State/Fed Gov Relations Mar 2019	2,500.00
03/08/2019	3307	UMPQUA BANK	Credit Card Charges (New Card) 2/20/19-2/28/19	5,063.43
03/08/2019	3308	UNDERGROUND SERVICE ALERT	USA Location - February 2019	369.05
03/08/2019	3309	VERIZON WIRELESS	Wireless 1/26/19 - 2/26/19	582.97
03/08/2019	3310	WAYNE GRAU	Office Phone Repairs	594.71
03/08/2019	3311	XEROX CORPORATION	Copier - Monthly Maintenance 1/22/19 - 2/22/19	159.48
03/08/2019	3312	YO FIRE	Meter Boxes & Covers	416.88
TOTAL				235,394.35

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

PAYMENT FOR BOARD AND COMMITTEE MEETINGS IN THE MONTH OF
1-Jan-19

DATE	CHECK NO	AMOUNT	PAYABLE TO
2/21/2019	195	\$ 277.05	BOARD DIRECTOR
2/21/2019	196	\$ 277.05	BOARD DIRECTOR
2/21/2019	197	\$ 161.61	BOARD DIRECTOR
2/21/2019	198	\$ 392.48	BOARD DIRECTOR
		<u>\$ 1,108.19</u>	TOTAL PAYROLL CHECKS

PAYROLL TAXES, ADP CHARGE EFT

\$183.61	ADP TAXES
<u>\$183.61</u>	TOTAL CHARGES & TRANSFER
<u><u>\$1,291.80</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 February 2019

	CHECK DATE	CHECK AMOUNT	PAYABLE TO
AUTO DEPOSIT	2/13/2019	\$ 4,083.02	GENERAL MANAGER
AUTO DEPOSIT	2/13/2019	\$ 4,130.11	OPERATIONS MANAGER
AUTO DEPOSIT	2/13/2019	\$ 2,813.89	WASTEWATER SUPERVISOR
AUTO DEPOSIT	2/13/2019	\$ 1,971.62	WATER DISTRIBUTION III
AUTO DEPOSIT	2/13/2019	\$ 1,530.17	WATER DISTRIBUTION I
AUTO DEPOSIT	2/13/2019	\$ 1,409.04	WATER DISTRIBUTION I
AUTO DEPOSIT	2/13/2019	\$ 1,741.54	WASTEWATER COLLECTION OPERATOR I
AUTO DEPOSIT	2/13/2019	\$ 2,038.07	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	2/13/2019	\$ 1,596.66	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	2/13/2019	\$ 1,087.30	PART TIME MANAGEMENT ANALYST
AUTO DEPOSIT	2/13/2019	\$ 332.60	PART TIME OFFICE ASSISTANT
AUTO DEPOSIT	2/13/2019	\$ -	TEMPORARY INSPECTOR
AUTO DEPOSIT	2/13/2019	\$ 751.83	PART TIME OFFICE ASSISTANT
		<u>\$ 23,485.85</u>	SUB TOTAL
AUTO DEPOSIT	2/27/2019	\$ 4,092.99	GENERAL MANAGER
AUTO DEPOSIT	2/27/2019	\$ 4,128.89	OPERATIONS MANAGER
AUTO DEPOSIT	2/27/2019	\$ 2,840.78	WASTEWATER SUPERVISOR
AUTO DEPOSIT	2/27/2019	\$ 2,229.56	WATER DISTRIBUTION III
AUTO DEPOSIT	2/27/2019	\$ 1,790.18	WATER DISTRIBUTION I
AUTO DEPOSIT	2/27/2019	\$ 1,409.05	WATER DISTRIBUTION I
AUTO DEPOSIT	2/27/2019	\$ 1,503.15	WASTEWATER COLLECTION OPERATOR I
AUTO DEPOSIT	2/27/2019	\$ 2,935.91	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	2/27/2019	\$ 1,646.09	ADMINISTRATIVE ASSISTANT
AUTO DEPOSIT	2/27/2019	\$ 1,087.29	PART TIME MANAGEMENT ANALYST
AUTO DEPOSIT	2/27/2019	\$ 740.16	PART TIME OFFICE ASSISTANT
AUTO DEPOSIT	2/27/2019	\$ 769.56	PART TIME OFFICE ASSISTANT
AUTO DEPOSIT	2/27/2019	\$ -	TEMPORARY INSPECTOR
		<u>\$ 25,173.61</u>	SUB TOTAL
		<u>\$ 48,659.46</u>	SUB TOTAL
	2/13/2019	\$12,764.39	ADP TAXES
	2/13/2019	\$1,189.41	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER
	2/13/2019	\$2,291.78	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER
	2/13/2019	\$550.90	EMPLOYEE PERS PEPRA TRANSFER
	2/13/2019	\$603.08	EMPLOYER PERS PEPRA MEMBER TRANSFER
	2/13/2019	\$1,983.44	CAL PERS 457 - ING BANK
		<u>\$19,383.00</u>	TOTAL TRANSFERS
	2/27/2019	\$13,202.10	ADP TAXES
	2/27/2019	\$1,192.97	EMPLOYEE PERS ELECTRONIC FUNDS TRANSFER
	2/27/2019	\$2,298.62	EMPLOYER PERS ELECTRONIC FUNDS TRANSFER
	2/27/2019	\$550.90	EMPLOYEE PERS PEPRA TRANSFER
	2/27/2019	\$603.08	EMPLOYER PERS PEPRA MEMBER TRANSFER
	2/27/2019	\$2,047.65	CAL PERS 457 - ING BANK
		<u>\$19,895.32</u>	TOTAL TRANSFERS
		<u>\$87,937.79</u>	GRAND TOTAL PAYROLL

PAYROLL	PAYROLL
2/13/2019	2/27/2019
\$23,485.85	\$25,173.61
\$19,383.00	\$19,895.32
\$42,868.85	\$45,068.94

*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.

Andrew Hamilton, Treasurer

ANDREW HAMILTON, TREASURER
EAST ORANGE COUNTY WATER DISTRICT



East Orange County Water District Consolidated - Account #10491

MONTHLY ACCOUNT STATEMENT

FEBRUARY 1, 2019 THROUGH FEBRUARY 28, 2019

Chandler Team:

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

Custodian

US Bank
Christopher Isles
(503) 464-3685

CHANDLER ASSET MANAGEMENT
chandlerasset.com

Information contained herein is confidential. We urge you to compare this statement to the one you receive from your qualified custodian. Please see Important Disclosures.



PORTFOLIO CHARACTERISTICS

Average Modified Duration	0.82
Average Coupon	2.23%
Average Purchase YTM	2.26%
Average Market YTM	2.47%
Average S&P/Moody Rating	AA/Aa1
Average Final Maturity	0.89 yrs
Average Life	0.82 yrs

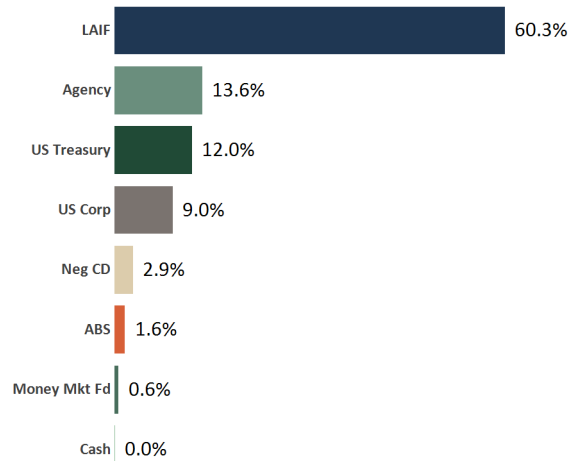
ACCOUNT SUMMARY

	Beg. Values as of 1/31/19	End Values as of 2/28/19
Market Value	55,572,843	55,603,455
Accrued Interest	166,466	231,148
Total Market Value	55,739,309	55,834,603
Income Earned	118,917	98,117
Cont/WD		-1,873
Par	55,746,500	55,777,085
Book Value	55,704,092	55,735,654
Cost Value	55,720,029	55,751,944

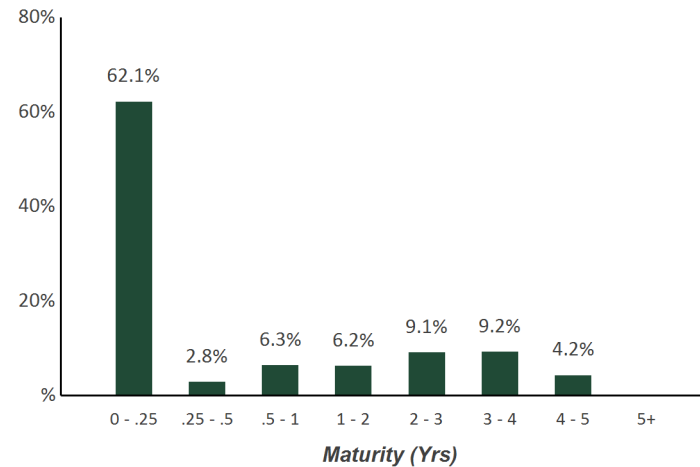
TOP ISSUERS

Local Agency Investment Fund	60.3%
Government of United States	12.0%
Federal Home Loan Bank	8.4%
Federal Farm Credit Bank	5.2%
JP Morgan Chase & Co	0.8%
Costco Wholesale Corporation	0.7%
Capital One	0.6%
First American Govt Oblig Fund	0.6%
Total	88.6%

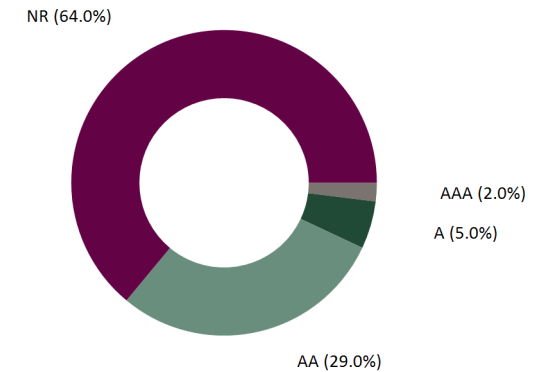
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)



PERFORMANCE REVIEW

TOTAL RATE OF RETURN	1M	3M	YTD	1YR	Annualized				
					2YRS	3YRS	5YRS	10YRS	10/31/2016
East Orange County Water District Consolidated	0.15%	1.45%	0.59%	2.73%	1.45%	N/A	N/A	N/A	1.22%

Statement of Compliance

As of February 28, 2019



East Orange County Water District Consolidated Portfolio

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	<i>Complies</i>
Federal Agencies	No limitations	<i>Complies</i>
Municipal Securities	No limitations	<i>Complies</i>
Medium Term Notes	"A" or higher by a NRSRO; 30% maximum	<i>Complies</i>
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.	<i>Complies</i>
Negotiable Certificates of Deposit (NCDs)	30% maximum (combined total with CDs); Subject to FDIC limits	<i>Complies</i>
Banker's Acceptances	40% maximum; 30% per issuer; 180 days max maturity	<i>Complies</i>
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	<i>Complies</i>
Asset Backed	"AA" or higher by a NRSRO; "A" rated issuer of higher by a NRSRO; 20% maximum	<i>Complies</i>
Money Market Mutual Funds	"AAA" rated or highest rating by two NRSROs; 20% maximum	<i>Complies</i>
Mutual Funds Diversified Management Co	20% maximum; 10% max per issuer	<i>Complies</i>
Repurchase Agreements	1 year max maturity; Not used by Investment Adviser	<i>Complies</i>
Rev. Repo Agreements	20% maximum; 92 days max maturity; Not used by Investment Adviser	<i>Complies</i>
LAIF	Not used by Investment Adviser	<i>Complies</i>
Prohibited	Inverse floaters; Ranges notes, Interest-only strips from mortgaged pools; Zero interest accrual securities	<i>Complies</i>
Prohibited (per Client Directive)	Supranationals, Mortgage Backed Securities, and Collateralized Mortgage Obligations	<i>Complies</i>
Maximum Maturity	5 years	<i>Complies</i>

East Orange County Water District Consolidated

Account #10491

Holdings Report

As of February 28, 2019



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									
65478VAD9	NAROT 2016-B A3 1.32% Due 1/15/2021	150,170.51	Various 1.91%	148,887.53 149,340.51	99.50 2.65%	149,413.04 22.03	0.27% 72.53	Aaa / NR AAA	1.88 0.38
161571HF4	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	200,000.00	10/04/2018 2.10%	197,757.81 198,075.27	99.49 2.70%	198,983.20 112.89	0.36% 907.93	NR / AAA AAA	2.38 0.36
43814PAC4	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	200,000.00	12/11/2018 2.73%	197,406.25 197,606.16	99.18 2.74%	198,355.20 129.28	0.36% 749.04	NR / AAA AAA	2.56 0.87
47788BAD6	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	250,000.00	11/15/2018 3.13%	246,611.33 246,937.10	99.21 2.83%	248,023.49 202.22	0.44% 1,086.39	Aaa / NR AAA	2.63 0.79
02582JHE3	American Express Credit 2017-3 A 1.77% Due 11/15/2022	100,000.00	07/03/2018 2.69%	98,062.50 98,351.97	98.92 2.78%	98,918.40 78.67	0.18% 566.43	NR / AAA AAA	3.72 1.11
Total ABS		900,170.51	2.56%	888,725.42 890,311.01	2.75%	893,693.33 545.09	1.60% 3,382.32	Aaa / AAA AAA	2.55 0.68
AGENCY									
313379EE5	FHLB Note 1.625% Due 6/14/2019	200,000.00	12/21/2016 1.44%	200,920.00 200,106.86	99.76 2.45%	199,513.80 695.14	0.36% (593.06)	Aaa / AA+ AAA	0.29 0.29
3130A8NN9	FHLB Note 0.8% Due 6/28/2019	250,000.00	10/27/2016 1.13%	247,855.00 249,737.66	99.45 2.46%	248,628.00 350.00	0.45% (1,109.66)	NR / AA+ NR	0.33 0.33
3133EFW52	FFCB Note 1.15% Due 7/1/2019	200,000.00	10/20/2016 1.02%	200,712.00 200,088.37	99.58 2.40%	199,152.40 383.33	0.36% (935.97)	Aaa / AA+ AAA	0.34 0.34
3130A8Y72	FHLB Note 0.875% Due 8/5/2019	200,000.00	10/21/2016 1.03%	199,148.00 199,868.21	99.32 2.45%	198,638.80 126.39	0.36% (1,229.41)	Aaa / AA+ AAA	0.43 0.43
3130A9EP2	FHLB Note 1% Due 9/26/2019	200,000.00	11/17/2016 1.33%	198,180.00 199,634.95	99.15 2.48%	198,307.80 861.11	0.36% (1,327.15)	Aaa / AA+ AAA	0.58 0.57
3130A9EP2	FHLB Note 1% Due 9/26/2019	200,000.00	11/17/2016 1.33%	198,180.00 199,634.95	99.15 2.48%	198,307.80 861.11	0.36% (1,327.15)	Aaa / AA+ AAA	0.58 0.57
3133EGYP4	FFCB Note 1.05% Due 10/17/2019	200,000.00	11/17/2016 1.34%	198,346.00 199,642.13	99.11 2.46%	198,226.80 781.67	0.36% (1,415.33)	Aaa / AA+ AAA	0.63 0.63
3130AA3R7	FHLB Note 1.375% Due 11/15/2019	200,000.00	11/17/2016 1.39%	199,940.00 199,985.77	99.19 2.53%	198,372.20 809.72	0.36% (1,613.57)	Aaa / AA+ AAA	0.71 0.70
3130AA3R7	FHLB Note 1.375% Due 11/15/2019	200,000.00	11/17/2016 1.39%	199,940.00 199,985.77	99.19 2.53%	198,372.20 809.72	0.36% (1,613.57)	Aaa / AA+ AAA	0.71 0.70

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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									
3133EG3J2	FFCB Note 1.55% Due 1/10/2020	160,000.00	01/27/2017 1.56%	159,968.00 159,990.62	99.18 2.52%	158,680.96 351.33	0.28% (1,309.66)	Aaa / AA+ AAA	0.87 0.85
3133EG3J2	FFCB Note 1.55% Due 1/10/2020	145,000.00	01/27/2017 1.56%	144,971.00 144,991.50	99.18 2.52%	143,804.62 318.40	0.26% (1,186.88)	Aaa / AA+ AAA	0.87 0.85
313378J77	FHLB Note 1.875% Due 3/13/2020	200,000.00	11/29/2016 1.50%	202,388.00 200,752.85	99.31 2.55%	198,627.80 1,750.00	0.36% (2,125.05)	Aaa / AA+ NR	1.04 1.01
3130AF2D8	FHLB Note 2.86% Due 10/15/2020	205,000.00	12/17/2018 2.77%	205,325.95 205,290.28	100.43 2.59%	205,873.51 2,442.92	0.37% 583.23	Aaa / AA+ AAA	1.63 1.57
3130A7CV5	FHLB Note 1.375% Due 2/18/2021	200,000.00	10/26/2016 1.33%	200,338.00 200,154.51	97.81 2.52%	195,628.80 99.31	0.35% (4,525.71)	Aaa / AA+ AAA	1.98 1.93
313382K69	FHLB Note 1.75% Due 3/12/2021	130,000.00	10/25/2016 1.34%	132,262.00 131,050.32	98.26 2.63%	127,738.13 1,067.99	0.23% (3,312.19)	Aaa / AA+ AAA	2.04 1.97
3130A1W95	FHLB Note 2.25% Due 6/11/2021	200,000.00	11/25/2016 1.85%	203,478.00 201,749.50	99.35 2.55%	198,693.40 1,000.00	0.36% (3,056.10)	Aaa / AA+ AAA	2.28 2.20
313379RB7	FHLB Note 1.875% Due 6/11/2021	260,000.00	04/27/2017 1.76%	261,146.60 260,634.63	98.44 2.58%	255,949.98 1,083.33	0.46% (4,684.65)	Aaa / AA+ AAA	2.28 2.21
3133EJTF6	FFCB Note 2.7% Due 7/2/2021	200,000.00	07/02/2018 2.73%	199,808.00 199,850.26	100.28 2.58%	200,555.20 885.00	0.36% 704.94	Aaa / AA+ AAA	2.34 2.25
3133EHP31	FFCB Note 1.95% Due 11/2/2021	130,000.00	12/18/2017 2.14%	129,104.95 129,381.57	98.42 2.56%	127,944.57 837.96	0.23% (1,437.00)	Aaa / AA+ AAA	2.68 2.57
3133EHP31	FFCB Note 1.95% Due 11/2/2021	150,000.00	12/18/2017 2.14%	148,967.25 149,286.42	98.42 2.56%	147,628.35 966.88	0.27% (1,658.07)	Aaa / AA+ AAA	2.68 2.57
3133EGT47	FFCB Note 2.01% Due 12/8/2021	200,000.00	07/05/2018 2.76%	195,128.00 196,054.89	98.50 2.57%	196,997.80 926.83	0.35% 942.91	Aaa / AA+ AAA	2.78 2.67
3133EJ3B3	FFCB Note 2.8% Due 12/17/2021	205,000.00	12/17/2018 2.80%	204,985.65 204,986.61	100.63 2.57%	206,284.33 1,179.89	0.37% 1,297.72	Aaa / AA+ AAA	2.80 2.67
313378CR0	FHLB Note 2.25% Due 3/11/2022	220,000.00	03/13/2017 2.20%	220,525.80 220,319.00	98.99 2.60%	217,784.82 2,337.50	0.39% (2,534.18)	Aaa / AA+ NR	3.03 2.88
313378CR0	FHLB Note 2.25% Due 3/11/2022	250,000.00	05/03/2017 1.92%	253,742.50 252,337.21	98.99 2.60%	247,482.75 2,656.25	0.45% (4,854.46)	Aaa / AA+ NR	3.03 2.88
313379Q69	FHLB Note 2.125% Due 6/10/2022	170,000.00	07/19/2017 1.87%	172,050.20 171,374.07	98.64 2.56%	167,682.39 812.81	0.30% (3,691.68)	Aaa / AA+ AAA	3.28 3.13



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	310,000.00	Various 1.87%	313,703.95 312,461.50	98.64 2.56%	305,773.78 1,482.19	0.55% (6,687.72)	Aaa / AA+ AAA	3.28 3.13
3133EEY20	FFCB Note 2.4% Due 6/17/2022	130,000.00	10/17/2017 1.99%	132,381.60 131,683.76	99.46 2.57%	129,295.01 641.33	0.23% (2,388.75)	Aaa / AA+ AAA	3.30 3.14
3133EEY20	FFCB Note 2.4% Due 6/17/2022	130,000.00	10/17/2017 1.99%	132,381.60 131,683.76	99.46 2.57%	129,295.01 641.33	0.23% (2,388.75)	Aaa / AA+ AAA	3.30 3.14
313380GJ0	FHLB Note 2% Due 9/9/2022	245,000.00	09/21/2017 1.96%	245,492.45 245,349.85	97.98 2.60%	240,060.80 2,341.11	0.43% (5,289.05)	Aaa / AA+ NR	3.53 3.35
313380GJ0	FHLB Note 2% Due 9/9/2022	200,000.00	09/21/2017 1.96%	200,402.00 200,285.59	97.98 2.60%	195,968.00 1,911.11	0.35% (4,317.59)	Aaa / AA+ NR	3.53 3.35
3130A3KM5	FHLB Note 2.5% Due 12/9/2022	210,000.00	03/08/2018 2.70%	208,173.00 208,548.71	99.56 2.62%	209,085.24 1,195.83	0.38% 536.53	Aaa / AA+ NR	3.78 3.56
3130A3KM5	FHLB Note 2.5% Due 12/9/2022	210,000.00	03/08/2018 2.70%	208,173.00 208,548.71	99.56 2.62%	209,085.24 1,195.83	0.38% 536.53	Aaa / AA+ NR	3.78 3.56
3133EJBP3	FFCB Note 2.5% Due 2/2/2023	325,000.00	02/26/2018 2.66%	322,536.50 323,038.50	99.61 2.61%	323,720.15 654.51	0.58% 681.65	Aaa / AA+ AAA	3.93 3.71
3133EJSD2	FFCB Note 2.89% Due 6/19/2023	200,000.00	07/05/2018 2.82%	200,606.00 200,526.27	101.03 2.63%	202,068.80 1,156.00	0.36% 1,542.53	Aaa / AA+ AAA	4.31 4.01
3133EJUS6	FFCB Note 2.875% Due 7/17/2023	280,000.00	09/06/2018 2.85%	280,266.00 280,239.76	100.98 2.64%	282,745.68 983.89	0.51% 2,505.92	Aaa / AA+ AAA	4.38 4.09
3133EJYL7	FFCB Note 2.8% Due 9/5/2023	225,000.00	09/20/2018 3.07%	222,266.25 222,509.42	100.67 2.64%	226,498.73 3,080.00	0.41% 3,989.31	Aaa / AA+ AAA	4.52 4.17
3130A0F70	FHLB Note 3.375% Due 12/8/2023	245,000.00	01/17/2019 2.73%	252,163.80 251,995.24	103.28 2.64%	253,030.12 1,906.41	0.46% 1,034.88	Aaa / AA+ AAA	4.78 4.37
Total Agency		7,585,000.00	2.00%	7,595,957.05 7,593,759.98	2.56%	7,541,503.77 41,584.13	13.58% (52,256.21)	Aaa / AA+ AAA	2.43 2.31
CASH									
90CASH\$00	Cash Custodial Cash Account	19,679.08	Various 0.00%	19,679.08 19,679.08	1.00 0.00%	19,679.08 0.00	0.04% 0.00	NR / NR NR	0.00 0.00
Total Cash		19,679.08	N/A	19,679.08 19,679.08	0.00%	19,679.08 0.00	0.04% 0.00	NR / NR NR	0.00 0.00



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LAIF									
90LAIF\$00	Local Agency Investment Fund State Pool	33,562,803.06	Various 2.39%	33,562,803.06 33,562,803.06	1.00 2.39%	33,562,803.06 127,766.56	60.34% 0.00	NR / NR NR	0.00 0.00
Total LAIF		33,562,803.06	2.39%	33,562,803.06 33,562,803.06	2.39%	33,562,803.06 127,766.56	60.34% 0.00	NR / NR NR	0.00 0.00

MONEY MARKET FUND FI									
31846V203	First American Govt Obligation Fund Class Y	301,285.21	Various 2.01%	301,285.21 301,285.21	1.00 2.01%	301,285.21 0.00	0.54% 0.00	Aaa / AAA AAA	0.00 0.00
31846V203	First American Govt Obligation Fund Class Y	43,147.55	Various 2.01%	43,147.55 43,147.55	1.00 2.01%	43,147.55 0.00	0.08% 0.00	Aaa / AAA AAA	0.00 0.00
Total Money Market Fund FI		344,432.76	2.01%	344,432.76 344,432.76	2.01%	344,432.76 0.00	0.62% 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%	148,818.00 149,825.06	99.37 2.39%	149,053.65 653.42	0.27% (771.41)	NR / NR NR	0.71 0.70
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	99.64 2.19%	149,465.25 221.92	0.27% (534.75)	NR / NR NR	0.92 0.91
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	99.57 2.60%	99,573.50 107.12	0.18% (426.50)	NR / NR NR	1.45 1.42
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	99.00 2.82%	108,904.84 556.03	0.20% (1,095.16)	NR / NR NR	1.78 1.72
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	100.06 2.39%	100,057.20 1,136.99	0.18% 57.20	NR / NR NR	2.55 0.54
05581WWZ4	BMO Harris Bank Callable NCD Qtrly 11/16/2018 2.6% Due 11/16/2021	200,000.00	05/16/2018 3.14%	200,000.00 200,000.00	100.00 3.14%	200,000.00 216.67	0.36% 0.00	NR / NR NR	2.72 2.58



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NEGOTIABLE CD									
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	98.30 2.89%	245,753.75 1,239.38	0.44% (4,246.25)	NR / NR NR	3.29 3.13
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	97.68 2.94%	126,989.85 1,242.12	0.23% (3,010.15)	NR / NR NR	3.58 3.38
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%	110,000.00 167.71	0.20% 0.00	NR / NR NR	3.95 3.72
48126YN58	JP Morgan Chase Bank Callable NCD 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 2,637.81	0.36% 0.00	NR / NR NR	4.05 3.74
38148PW86	Goldman Sachs Negotiable CD 3.35% Due 9/19/2023	110,000.00	09/19/2018 3.35%	110,000.00 110,000.00	100.00 3.35%	110,000.00 1,658.25	0.20% 0.00	NR / NR NR	4.56 4.13
Total Negotiable CD		1,610,000.00	2.51%	1,608,818.00 1,609,825.06	2.78%	1,599,798.04 9,837.42	2.88% (10,027.02)	NR / NR NR	2.75 2.47

US CORPORATE									
17275RAR3	Cisco Systems Note 2.125% Due 3/1/2019	125,000.00	10/20/2016 1.27%	127,480.00 125,000.00	100.00 2.13%	125,000.00 1,328.13	0.23% 0.00	A1 / AA- NR	0.00 0.01
30231GAD4	Exxon Mobil Corp Callable Note Cont 2/15/2019 1.819% Due 3/15/2019	125,000.00	10/21/2016 1.27%	126,597.50 125,025.71	99.98 2.26%	124,973.13 1,048.45	0.23% (52.58)	Aaa / AA+ NR	0.04 0.05
91159HHH6	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	125,000.00	10/12/2016 1.49%	127,178.75 125,130.25	99.96 2.45%	124,946.75 962.50	0.23% (183.50)	A1 / A+ AA-	0.15 0.16
91159HHH6	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	125,000.00	10/12/2016 1.49%	127,178.75 125,130.25	99.96 2.45%	124,946.75 962.50	0.23% (183.50)	A1 / A+ AA-	0.15 0.16
89236TDE2	Toyota Motor Credit Corp Note 1.4% Due 5/20/2019	125,000.00	10/12/2016 1.48%	124,746.25 124,978.52	99.78 2.37%	124,721.75 490.97	0.22% (256.77)	Aa3 / AA- A+	0.22 0.23
89236TBP9	Toyota Motor Credit Corp Note 2.125% Due 7/18/2019	125,000.00	10/24/2016 1.46%	127,221.25 125,310.62	99.80 2.63%	124,753.50 317.27	0.22% (557.12)	Aa3 / AA- A+	0.38 0.38
594918BN3	Microsoft Note 1.1% Due 8/8/2019	125,000.00	10/24/2016 1.24%	124,526.25 124,925.32	99.40 2.47%	124,248.88 87.85	0.22% (676.44)	Aaa / AAA AA+	0.44 0.44
084664CK5	Berkshire Hathaway Note 1.3% Due 8/15/2019	125,000.00	10/26/2016 1.37%	124,767.50 124,961.86	99.38 2.65%	124,224.75 72.22	0.22% (737.11)	Aa2 / AA A+	0.46 0.46

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US CORPORATE									
084664CK5	Berkshire Hathaway Note 1.3% Due 8/15/2019	125,000.00	10/26/2016 1.37%	124,767.50 124,961.86	99.38 2.65%	124,224.75 72.22	0.22% (737.11)	Aa2 / AA A+	0.46 0.46
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%	127,818.75 125,519.81	99.81 2.66%	124,760.25 1,357.64	0.23% (759.56)	A1 / A AA-	0.53 0.52
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%	127,818.75 125,519.81	99.81 2.66%	124,760.25 1,357.64	0.23% (759.56)	A1 / A AA-	0.53 0.52
17275RBG6	Cisco Systems Note 1.4% Due 9/20/2019	125,000.00	10/12/2016 1.43%	124,875.00 124,976.24	99.31 2.65%	124,134.63 782.64	0.22% (841.61)	A1 / AA- NR	0.56 0.55
717081EB5	Pfizer Inc. Note 1.7% Due 12/15/2019	125,000.00	01/27/2017 1.70%	125,005.00 125,001.38	99.24 2.66%	124,053.50 448.61	0.22% (947.88)	A1 / AA A+	0.79 0.78
46625HKA7	JP Morgan Chase Callable Note Cont 12/23/2019 2.25% Due 1/23/2020	125,000.00	10/31/2018 3.16%	123,636.25 123,999.31	99.47 2.85%	124,336.00 296.88	0.22% 336.69	A2 / A- AA-	0.90 0.88
94974BGF1	Wells Fargo Corp Note 2.15% Due 1/30/2020	125,000.00	10/24/2016 1.95%	125,800.00 125,225.21	99.35 2.88%	124,182.25 231.42	0.22% (1,042.96)	A2 / A- A+	0.92 0.90
22160KAG0	Costco Wholesale Corp Note 1.75% Due 2/15/2020	125,000.00	11/01/2016 1.57%	125,727.50 125,213.15	99.12 2.68%	123,895.25 97.22	0.22% (1,317.90)	Aa3 / A+ A+	0.96 0.95
22160KAG0	Costco Wholesale Corp Note 1.75% Due 2/15/2020	250,000.00	Various 1.53%	251,777.50 250,519.76	99.12 2.68%	247,790.50 194.44	0.44% (2,729.26)	Aa3 / A+ A+	0.96 0.95
747525AD5	Qualcomm Inc Note 2.25% Due 5/20/2020	125,000.00	10/19/2016 1.63%	127,703.75 125,922.63	99.14 2.96%	123,931.13 789.06	0.22% (1,991.50)	A2 / A- NR	1.22 1.19
747525AD5	Qualcomm Inc Note 2.25% Due 5/20/2020	125,000.00	10/19/2016 1.63%	127,703.75 125,922.63	99.14 2.96%	123,931.13 789.06	0.22% (1,991.50)	A2 / A- NR	1.22 1.19
40428HPV8	HSBC USA Inc Note 2.75% Due 8/7/2020	160,000.00	11/15/2017 2.25%	162,097.60 161,107.89	99.75 2.93%	159,604.32 293.33	0.29% (1,503.57)	A2 / A AA-	1.44 1.40
857477AS2	State Street Bank Note 2.55% Due 8/18/2020	125,000.00	09/21/2017 1.91%	127,250.00 126,139.89	99.58 2.84%	124,471.50 115.10	0.22% (1,668.39)	A1 / A AA-	1.47 1.43
594918BG8	Microsoft Callable Note Cont. 10/03/20 2% Due 11/3/2020	125,000.00	10/24/2016 1.50%	127,446.25 126,021.49	98.98 2.62%	123,731.13 819.44	0.22% (2,290.36)	Aaa / AAA AA+	1.68 1.63
24422ETZ2	John Deere Capital Corp Note 2.35% Due 1/8/2021	140,000.00	12/13/2018 3.21%	137,624.20 137,857.68	99.22 2.78%	138,903.10 484.36	0.25% 1,045.42	A2 / A A	1.86 1.80

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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									
459200JF9	IBM Corp Note 2.25% Due 2/19/2021	150,000.00	05/07/2018 3.00%	147,036.00 147,898.68	98.67 2.95%	148,009.95 112.50	0.27% 111.27	A1 / A A	1.98 1.91
30231GAV4	Exxon Mobil Corp Callable Note Cont 2/1/2021 2.222% Due 3/1/2021	125,000.00	10/21/2016 1.69%	127,796.25 126,288.00	99.11 2.68%	123,892.50 1,388.75	0.22% (2,395.50)	Aaa / AA+ NR	2.01 1.93
037833AR1	Apple Inc Note 2.85% Due 5/6/2021	200,000.00	05/09/2018 2.88%	199,828.00 199,874.35	100.21 2.75%	200,417.40 1,820.83	0.36% 543.05	Aa1 / AA+ NR	2.19 2.09
166764BG4	Chevron Corp Callable Note Cont 4/15/2021 2.1% Due 5/16/2021	125,000.00	10/20/2016 1.77%	126,805.00 125,875.38	98.61 2.75%	123,256.88 765.63	0.22% (2,618.50)	Aa2 / AA NR	2.21 2.14
857477AV5	State Street Bank Note 1.95% Due 5/19/2021	125,000.00	10/12/2016 1.89%	125,338.75 125,163.81	97.90 2.93%	122,373.88 690.63	0.22% (2,789.93)	A1 / A AA-	2.22 2.14
931142EJ8	Wal-Mart Stores Note 3.125% Due 6/23/2021	125,000.00	07/02/2018 2.94%	125,641.25 125,499.87	100.99 2.68%	126,238.75 737.85	0.23% 738.88	Aa2 / AA AA	2.32 2.21
68389XBK0	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 9/15/2021	125,000.00	11/29/2016 2.40%	122,201.25 123,512.56	97.70 2.84%	122,120.00 1,095.14	0.22% (1,392.56)	A1 / AA- A	2.55 2.44
68389XBK0	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 9/15/2021	125,000.00	07/05/2018 3.10%	120,470.00 121,384.56	97.70 2.84%	122,120.00 1,095.14	0.22% 735.44	A1 / AA- A	2.55 2.44
02665WCP4	American Honda Finance Note 3.375% Due 12/10/2021	120,000.00	10/03/2018 3.39%	119,942.40 119,949.47	101.20 2.92%	121,439.04 911.25	0.22% 1,489.57	A2 / A NR	2.78 2.62
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 59,940.09	99.57 2.78%	59,742.54 161.88	0.11% (197.55)	A1 / A+ AA-	2.91 2.77
46625HJH4	JP Morgan Chase Note 3.2% Due 1/25/2023	125,000.00	11/13/2018 3.71%	122,545.00 122,714.86	100.10 3.17%	125,128.50 400.00	0.22% 2,413.64	A2 / A- AA-	3.91 3.64
44932HAH6	IBM Credit Corp Note 3% Due 2/6/2023	150,000.00	05/07/2018 3.38%	147,498.00 147,925.10	99.44 3.15%	149,167.35 312.50	0.27% 1,242.25	A1 / A A	3.94 3.68
24422ETG4	John Deere Capital Corp Note 2.8% Due 3/6/2023	140,000.00	12/13/2018 3.55%	135,941.40 136,136.42	99.72 2.88%	139,602.96 1,905.56	0.25% 3,466.54	A2 / A A	4.02 3.73
931142EK5	Wal-Mart Stores Callable Note Cont 5/26/2023 3.4% Due 6/26/2023	125,000.00	07/02/2018 3.24%	125,922.50 125,801.16	101.92 2.92%	127,404.88 767.36	0.23% 1,603.72	Aa2 / AA AA	4.33 3.91
02665WCQ2	American Honda Finance Note 3.625% Due 10/10/2023	140,000.00	10/03/2018 3.64%	139,885.20 139,894.13	102.12 3.13%	142,966.88 1,987.71	0.26% 3,072.75	A2 / A NR	4.62 4.17



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
Total US Corporate		5,010,000.00	2.17%	5,023,495.85 5,002,229.71	2.75%	4,988,406.71 27,551.68	8.98% (13,823.00)	A1 / A+ A+	1.64 1.56
US TREASURY									
912828TH3	US Treasury Note 0.875% Due 7/31/2019	200,000.00	10/25/2016 0.99%	199,391.29 199,908.21	99.34 2.45%	198,679.60 140.19	0.36% (1,228.61)	Aaa / AA+ AAA	0.42 0.42
912828F62	US Treasury Note 1.5% Due 10/31/2019	230,000.00	11/29/2018 2.71%	227,484.38 228,167.73	99.31 2.55%	228,409.78 1,153.18	0.41% 242.05	Aaa / AA+ AAA	0.67 0.66
912828UB4	US Treasury Note 1% Due 11/30/2019	200,000.00	10/12/2016 1.08%	199,500.67 199,880.30	98.85 2.55%	197,703.20 500.00	0.35% (2,177.10)	Aaa / AA+ AAA	0.75 0.74
912828UB4	US Treasury Note 1% Due 11/30/2019	200,000.00	10/12/2016 1.08%	199,500.67 199,880.30	98.85 2.55%	197,703.20 500.00	0.35% (2,177.10)	Aaa / AA+ AAA	0.75 0.74
912828UF5	US Treasury Note 1.125% Due 12/31/2019	200,000.00	10/25/2016 1.05%	200,469.42 200,123.32	98.83 2.54%	197,664.00 372.93	0.35% (2,459.32)	Aaa / AA+ AAA	0.84 0.82
912828J50	US Treasury Note 1.375% Due 2/29/2020	200,000.00	10/25/2016 1.09%	201,891.30 200,565.38	98.84 2.56%	197,679.60 7.47	0.35% (2,885.78)	Aaa / AA+ AAA	1.00 0.98
912828VA5	US Treasury Note 1.125% Due 4/30/2020	200,000.00	10/25/2016 1.11%	200,094.42 200,031.38	98.38 2.54%	196,757.80 756.25	0.35% (3,273.58)	Aaa / AA+ AAA	1.17 1.14
912828XH8	US Treasury Note 1.625% Due 6/30/2020	200,000.00	11/02/2016 1.12%	203,617.86 201,319.77	98.78 2.56%	197,554.60 538.67	0.35% (3,765.17)	Aaa / AA+ AAA	1.34 1.31
912828XM7	US Treasury Note 1.625% Due 7/31/2020	200,000.00	10/25/2016 1.14%	203,539.73 201,334.48	98.71 2.56%	197,414.00 260.36	0.35% (3,920.48)	Aaa / AA+ AAA	1.42 1.39
912828L65	US Treasury Note 1.375% Due 9/30/2020	200,000.00	10/26/2016 1.20%	201,375.67 200,555.45	98.18 2.56%	196,351.60 1,148.35	0.35% (4,203.85)	Aaa / AA+ AAA	1.59 1.54
912828L99	US Treasury Note 1.375% Due 10/31/2020	200,000.00	10/25/2016 1.19%	201,430.36 200,595.17	98.08 2.56%	196,164.00 919.20	0.35% (4,431.17)	Aaa / AA+ AAA	1.67 1.63
912828N89	US Treasury Note 1.375% Due 1/31/2021	200,000.00	10/17/2016 1.22%	201,313.17 200,588.66	97.83 2.54%	195,656.20 220.30	0.35% (4,932.46)	Aaa / AA+ AAA	1.93 1.88
912828N89	US Treasury Note 1.375% Due 1/31/2021	200,000.00	02/16/2017 1.80%	196,805.36 198,446.93	97.83 2.54%	195,656.20 220.30	0.35% (2,790.73)	Aaa / AA+ AAA	1.93 1.88
912828P87	US Treasury Note 1.125% Due 2/28/2021	200,000.00	10/25/2016 1.22%	199,164.73 199,615.54	97.28 2.53%	194,554.60 6.11	0.35% (5,060.94)	Aaa / AA+ AAA	2.00 1.96
912828C57	US Treasury Note 2.25% Due 3/31/2021	175,000.00	01/24/2018 2.24%	175,061.52 175,040.32	99.45 2.52%	174,029.28 1,644.23	0.31% (1,011.04)	Aaa / AA+ AAA	2.09 2.00

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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									
912828WY2	US Treasury Note 2.25% Due 7/31/2021	200,000.00	01/30/2018 2.35%	199,351.56 199,551.63	99.41 2.50%	198,828.20 360.50	0.36% (723.43)	Aaa / AA+ AAA	2.42 2.34
912828T34	US Treasury Note 1.125% Due 9/30/2021	200,000.00	11/09/2016 1.48%	196,617.86 198,211.35	96.62 2.48%	193,234.40 939.56	0.35% (4,976.95)	Aaa / AA+ AAA	2.59 2.51
912828T34	US Treasury Note 1.125% Due 9/30/2021	215,000.00	03/07/2017 2.01%	206,770.25 210,339.60	96.62 2.48%	207,726.98 1,010.03	0.37% (2,612.62)	Aaa / AA+ AAA	2.59 2.51
912828U65	US Treasury Note 1.75% Due 11/30/2021	140,000.00	09/21/2017 1.80%	139,721.56 139,817.10	98.03 2.50%	137,238.22 612.50	0.25% (2,578.88)	Aaa / AA+ AAA	2.76 2.65
912828V72	US Treasury Note 1.875% Due 1/31/2022	200,000.00	02/16/2017 1.95%	199,305.36 199,590.28	98.25 2.50%	196,507.80 300.41	0.35% (3,082.48)	Aaa / AA+ AAA	2.93 2.82
912828V72	US Treasury Note 1.875% Due 1/31/2022	220,000.00	11/07/2017 1.91%	219,673.44 219,774.47	98.25 2.50%	216,158.58 330.46	0.39% (3,615.89)	Aaa / AA+ AAA	2.93 2.82
912828X47	US Treasury Note 1.875% Due 4/30/2022	200,000.00	11/15/2018 2.92%	193,195.31 193,761.92	98.14 2.49%	196,281.20 1,253.45	0.35% 2,519.28	Aaa / AA+ AAA	3.17 3.03
912828X47	US Treasury Note 1.875% Due 4/30/2022	250,000.00	01/30/2019 2.55%	244,746.09 244,874.67	98.14 2.49%	245,351.50 1,566.82	0.44% 476.83	Aaa / AA+ AAA	3.17 3.03
912828XD7	US Treasury Note 1.875% Due 5/31/2022	125,000.00	10/22/2018 3.01%	120,185.55 120,657.48	98.07 2.50%	122,583.00 585.94	0.22% 1,925.52	Aaa / AA+ AAA	3.25 3.12
912828L24	US Treasury Note 1.875% Due 8/31/2022	240,000.00	09/21/2017 1.89%	239,822.68 239,874.28	97.90 2.51%	234,956.16 12.23	0.42% (4,918.12)	Aaa / AA+ AAA	3.51 3.36
912828L24	US Treasury Note 1.875% Due 8/31/2022	200,000.00	10/04/2017 1.92%	199,586.61 199,704.79	97.90 2.51%	195,796.80 10.19	0.35% (3,907.99)	Aaa / AA+ AAA	3.51 3.36
9128282W9	US Treasury Note 1.875% Due 9/30/2022	220,000.00	Various 2.11%	217,617.58 218,211.12	97.87 2.50%	215,307.84 1,722.52	0.39% (2,903.28)	Aaa / AA+ AAA	3.59 3.41
9128283C2	US Treasury Note 2% Due 10/31/2022	220,000.00	11/07/2017 1.98%	220,232.03 220,171.02	98.23 2.51%	216,107.10 1,470.72	0.39% (4,063.92)	Aaa / AA+ AAA	3.67 3.49
9128283U2	US Treasury Note 2.375% Due 1/31/2023	235,000.00	04/16/2018 2.69%	231,649.41 232,258.26	99.49 2.51%	233,806.67 447.12	0.42% 1,548.41	Aaa / AA+ AAA	3.93 3.71
9128283U2	US Treasury Note 2.375% Due 1/31/2023	230,000.00	04/16/2018 2.69%	226,720.70 227,316.60	99.49 2.51%	228,832.06 437.60	0.41% 1,515.46	Aaa / AA+ AAA	3.93 3.71

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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									
9128284L1	US Treasury Note 2.75% Due 4/30/2023	190,000.00	Various 2.85%	189,167.58 189,239.80	100.92 2.52%	191,744.20 1,746.48	0.35% 2,504.40	Aaa / AA+ AAA	4.17 3.88
912828Y61	US Treasury Note 2.75% Due 7/31/2023	230,000.00	09/27/2018 2.96%	227,870.70 228,056.28	100.97 2.52%	232,228.24 506.70	0.42% 4,171.96	Aaa / AA+ AAA	4.42 4.13
9128285K2	US Treasury Note 2.875% Due 10/31/2023	225,000.00	11/29/2018 2.86%	225,158.20 225,150.18	101.54 2.52%	228,471.75 2,162.21	0.41% 3,321.57	Aaa / AA+ AAA	4.67 4.31
Total US Treasury		6,745,000.00	1.89%	6,708,033.02 6,712,613.77	2.52%	6,653,138.36 23,862.98	11.96% (59,475.41)	Aaa / AA+ AAA	2.48 2.37
TOTAL PORTFOLIO		55,777,085.41	2.26%	55,751,944.24 55,735,654.43	2.47%	55,603,455.11 231,147.86	100.00% (132,199.32)	Aa1 / AA AAA	0.89 0.82
TOTAL MARKET VALUE PLUS ACCRUED						55,834,602.97			



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	02/01/2019	31846V203	51.53	First American Govt Obligation Fund Class Y	1.000	2.01%	51.53	0.00	51.53	0.00
Purchase	02/01/2019	31846V203	35.74	First American Govt Obligation Fund Class Y	1.000	2.01%	35.74	0.00	35.74	0.00
Purchase	02/02/2019	31846V203	4,062.50	First American Govt Obligation Fund Class Y	1.000	2.01%	4,062.50	0.00	4,062.50	0.00
Purchase	02/05/2019	31846V203	875.00	First American Govt Obligation Fund Class Y	1.000	2.01%	875.00	0.00	875.00	0.00
Purchase	02/06/2019	31846V203	2,250.00	First American Govt Obligation Fund Class Y	1.000	2.01%	2,250.00	0.00	2,250.00	0.00
Purchase	02/07/2019	31846V203	2,200.00	First American Govt Obligation Fund Class Y	1.000	2.01%	2,200.00	0.00	2,200.00	0.00
Purchase	02/08/2019	31846V203	687.50	First American Govt Obligation Fund Class Y	1.000	2.01%	687.50	0.00	687.50	0.00
Purchase	02/08/2019	90CASH\$00	1,469.48	Cash Custodial Cash Account	1.000		1,469.48	0.00	1,469.48	0.00
Purchase	02/12/2019	90CASH\$00	1,159.45	Cash Custodial Cash Account	1.000		1,159.45	0.00	1,159.45	0.00
Purchase	02/15/2019	31846V203	2,843.75	First American Govt Obligation Fund Class Y	1.000	2.01%	2,843.75	0.00	2,843.75	0.00
Purchase	02/15/2019	31846V203	3,000.00	First American Govt Obligation Fund Class Y	1.000	2.01%	3,000.00	0.00	3,000.00	0.00
Purchase	02/15/2019	31846V203	250,000.00	First American Govt Obligation Fund Class Y	1.000	2.01%	250,000.00	0.00	250,000.00	0.00
Purchase	02/15/2019	31846V203	147.50	First American Govt Obligation Fund Class Y	1.000	2.01%	147.50	0.00	147.50	0.00
Purchase	02/15/2019	31846V203	211.67	First American Govt Obligation Fund Class Y	1.000	2.01%	211.67	0.00	211.67	0.00
Purchase	02/15/2019	31846V203	379.17	First American Govt Obligation Fund Class Y	1.000	2.01%	379.17	0.00	379.17	0.00
Purchase	02/15/2019	31846V203	17,556.17	First American Govt Obligation Fund Class Y	1.000	2.01%	17,556.17	0.00	17,556.17	0.00
Purchase	02/16/2019	90CASH\$00	1,310.68	Cash Custodial Cash Account	1.000		1,310.68	0.00	1,310.68	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	02/18/2019	31846V203	1,593.75	First American Govt Obligation Fund Class Y	1.000	2.01%	1,593.75	0.00	1,593.75	0.00
Purchase	02/18/2019	31846V203	1,375.00	First American Govt Obligation Fund Class Y	1.000	2.01%	1,375.00	0.00	1,375.00	0.00
Purchase	02/19/2019	31846V203	1,687.50	First American Govt Obligation Fund Class Y	1.000	2.01%	1,687.50	0.00	1,687.50	0.00
Purchase	02/19/2019	31846V203	298.33	First American Govt Obligation Fund Class Y	1.000	2.01%	298.33	0.00	298.33	0.00
Purchase	02/28/2019	31846V203	3,250.00	First American Govt Obligation Fund Class Y	1.000	2.01%	3,250.00	0.00	3,250.00	0.00
Purchase	02/28/2019	31846V203	3,375.00	First American Govt Obligation Fund Class Y	1.000	2.01%	3,375.00	0.00	3,375.00	0.00
Purchase	02/28/2019	90CASH\$00	10.96	Cash Custodial Cash Account	1.000		10.96	0.00	10.96	0.00
Subtotal			299,830.68				299,830.68	0.00	299,830.68	0.00
TOTAL ACQUISITIONS			299,830.68				299,830.68	0.00	299,830.68	0.00
DISPOSITIONS										
Paydown	02/15/2019	02582JHE3	0.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	100.000		0.00	147.50	147.50	0.00
Paydown	02/15/2019	161571HF4	0.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	100.000		0.00	211.67	211.67	0.00
Paydown	02/15/2019	47788BAD6	0.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	100.000		0.00	379.17	379.17	0.00
Paydown	02/15/2019	65478VAD9	17,371.88	NAROT 2016-B A3 1.32% Due 1/15/2021	100.000		17,371.88	184.29	17,556.17	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
DISPOSITIONS										
Paydown	02/19/2019	43814PAC4	0.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	100.000		0.00	298.33	298.33	0.00
Subtotal			17,371.88				17,371.88	1,220.96	18,592.84	0.00
Maturity	02/15/2019	912828P53	250,000.00	US Treasury Note 0.75% Due 2/15/2019	100.000		250,000.00	0.00	250,000.00	0.00
Subtotal			250,000.00				250,000.00	0.00	250,000.00	0.00
Security Withdrawal	02/05/2019	31846V203	851.76	First American Govt Obligation Fund Class Y	1.000		851.76	0.00	851.76	0.00
Security Withdrawal	02/05/2019	31846V203	851.76	First American Govt Obligation Fund Class Y	1.000		851.76	0.00	851.76	0.00
Security Withdrawal	02/25/2019	31846V203	100.36	First American Govt Obligation Fund Class Y	1.000		100.36	0.00	100.36	0.00
Security Withdrawal	02/25/2019	31846V203	69.61	First American Govt Obligation Fund Class Y	1.000		69.61	0.00	69.61	0.00
Subtotal			1,873.49				1,873.49	0.00	1,873.49	0.00
TOTAL DISPOSITIONS			269,245.37				269,245.37	1,220.96	270,466.33	0.00

OTHER TRANSACTIONS										
Interest	02/02/2019	3133EJBP3	325,000.00	FFCB Note 2.5% Due 2/2/2023	0.000		4,062.50	0.00	4,062.50	0.00
Interest	02/05/2019	3130A8Y72	200,000.00	FHLB Note 0.875% Due 8/5/2019	0.000		875.00	0.00	875.00	0.00
Interest	02/06/2019	44932HAH6	150,000.00	IBM Credit Corp Note 3% Due 2/6/2023	0.000		2,250.00	0.00	2,250.00	0.00
Interest	02/07/2019	40428HPV8	160,000.00	HSBC USA Inc Note 2.75% Due 8/7/2020	0.000		2,200.00	0.00	2,200.00	0.00
Interest	02/08/2019	594918BN3	125,000.00	Microsoft Note 1.1% Due 8/8/2019	0.000		687.50	0.00	687.50	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	02/08/2019	795450K53	110,000.00	Sallie Mae Bank Negotiable CD 2.65% Due 2/8/2023	0.000		1,469.48	0.00	1,469.48	0.00
Interest	02/12/2019	140420UF5	100,000.00	Capital One Bank USA NA Negotiable CD 2.3% Due 8/12/2020	0.000		1,159.45	0.00	1,159.45	0.00
Interest	02/15/2019	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	0.000		812.50	0.00	812.50	0.00
Interest	02/15/2019	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	0.000		812.50	0.00	812.50	0.00
Interest	02/15/2019	22160KAG0	250,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.000		2,187.50	0.00	2,187.50	0.00
Interest	02/15/2019	22160KAG0	125,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.000		1,093.75	0.00	1,093.75	0.00
Interest	02/15/2019	912828P53	250,000.00	US Treasury Note 0.75% Due 2/15/2019	0.000		937.50	0.00	937.50	0.00
Interest	02/16/2019	05581WWZ4	200,000.00	BMO Harris Bank Callable NCD Qtrly 11/16/2018 2.6% Due 11/16/2021	0.000		1,310.68	0.00	1,310.68	0.00
Interest	02/18/2019	3130A7CV5	200,000.00	FHLB Note 1.375% Due 2/18/2021	0.000		1,375.00	0.00	1,375.00	0.00
Interest	02/18/2019	857477AS2	125,000.00	State Street Bank Note 2.55% Due 8/18/2020	0.000		1,593.75	0.00	1,593.75	0.00
Interest	02/19/2019	459200JF9	150,000.00	IBM Corp Note 2.25% Due 2/19/2021	0.000		1,687.50	0.00	1,687.50	0.00
Interest	02/28/2019	912828J50	200,000.00	US Treasury Note 1.375% Due 2/29/2020	0.000		1,375.00	0.00	1,375.00	0.00
Interest	02/28/2019	912828L24	240,000.00	US Treasury Note 1.875% Due 8/31/2022	0.000		2,250.00	0.00	2,250.00	0.00
Interest	02/28/2019	912828L24	200,000.00	US Treasury Note 1.875% Due 8/31/2022	0.000		1,875.00	0.00	1,875.00	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	02/28/2019	912828P87	200,000.00	US Treasury Note 1.125% Due 2/28/2021	0.000		1,125.00	0.00	1,125.00	0.00
Subtotal			3,560,000.00				31,139.61	0.00	31,139.61	0.00
Dividend	02/01/2019	31846V203	305,553.43	First American Govt Obligation Fund Class Y	0.000		35.74	0.00	35.74	0.00
Dividend	02/01/2019	31846V203	440,479.47	First American Govt Obligation Fund Class Y	0.000		51.53	0.00	51.53	0.00
Dividend	02/28/2019	90CASH\$00	19,668.12	Cash Custodial Cash Account	0.000		10.96	0.00	10.96	0.00
Subtotal			765,701.02				98.23	0.00	98.23	0.00
TOTAL OTHER TRANSACTIONS			4,325,701.02				31,237.84	0.00	31,237.84	0.00

Income Earned

As of February 28, 2019



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	Total Income
FIXED INCOME						
02582JHE3	American Express Credit 2017-3 A 1.77% Due 11/15/2022	07/03/2018 07/06/2018 100,000.00	98,317.91 0.00 0.00 98,351.97	78.67 147.50 78.67 147.50	34.06 0.00 34.06 181.56	181.56
02665WCP4	American Honda Finance Note 3.375% Due 12/10/2021	10/03/2018 10/10/2018 120,000.00	119,948.08 0.00 0.00 119,949.47	573.75 0.00 911.25 337.50	1.39 0.00 1.39 338.89	338.89
02665WCQ2	American Honda Finance Note 3.625% Due 10/10/2023	10/03/2018 10/10/2018 140,000.00	139,892.37 0.00 0.00 139,894.13	1,564.79 0.00 1,987.71 422.92	1.76 0.00 1.76 424.68	424.68
037833AR1	Apple Inc Note 2.85% Due 05/06/2021	05/09/2018 05/11/2018 200,000.00	199,869.94 0.00 0.00 199,874.35	1,345.83 0.00 1,820.83 475.00	4.41 0.00 4.41 479.41	479.41
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	251,189.66 0.00 0.00 251,039.62	2,236.12 0.00 2,715.28 479.16	0.00 150.04 (150.04) 329.12	329.12
084664CK5	Berkshire Hathaway Note 1.3% Due 08/15/2019	10/26/2016 10/31/2016 250,000.00	249,910.92 0.00 0.00 249,923.72	1,498.62 1,625.00 144.44 270.82	12.80 0.00 12.80 283.62	283.62
161571HF4	Chase CHAIT 2016-A5 1.27% Due 07/15/2021	10/04/2018 10/09/2018 200,000.00	198,013.11 0.00 0.00 198,075.27	112.89 211.67 112.89 211.67	62.16 0.00 62.16 273.83	273.83
166764BG4	Chevron Corp Callable Note Cont 4/15/2021 2.1% Due 05/16/2021	10/20/2016 10/25/2016 125,000.00	125,905.75 0.00 0.00 125,875.38	546.88 0.00 765.63 218.75	0.00 30.37 (30.37) 188.38	188.38
17275RAR3	Cisco Systems Note 2.125% Due 03/01/2019	10/20/2016 10/25/2016 125,000.00	125,081.03 0.00 0.00 125,000.00	1,106.77 0.00 1,328.13 221.36	0.00 81.03 (81.03) 140.33	140.33

Income Earned

As of February 28, 2019



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	Total Income
17275RBG6	Cisco Systems Note 1.4% Due 09/20/2019	10/12/2016 10/17/2016 125,000.00	124,972.96 0.00 0.00 124,976.24	636.81 0.00 782.64 145.83	3.28 0.00 3.28 149.11	149.11
22160KAG0	Costco Wholesale Corp Note 1.75% Due 02/15/2020	Various Various 375,000.00	375,791.37 0.00 0.00 375,732.91	3,026.04 3,281.25 291.66 546.87	0.00 58.46 (58.46) 488.41	488.41
24422ETG4	John Deere Capital Corp Note 2.8% Due 03/06/2023	12/13/2018 12/17/2018 140,000.00	136,062.63 0.00 0.00 136,136.42	1,578.89 0.00 1,905.56 326.67	73.79 0.00 73.79 400.46	400.46
24422ETZ2	John Deere Capital Corp Note 2.35% Due 01/08/2021	12/13/2018 12/17/2018 140,000.00	137,769.34 0.00 0.00 137,857.68	210.19 0.00 484.36 274.17	88.34 0.00 88.34 362.51	362.51
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	125,077.12 0.00 0.00 125,025.71	858.97 0.00 1,048.45 189.48	0.00 51.41 (51.41) 138.07	138.07
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	126,337.34 0.00 0.00 126,288.00	1,157.29 0.00 1,388.75 231.46	0.00 49.34 (49.34) 182.12	182.12
3130A0F70	FHLB Note 3.375% Due 12/08/2023	01/17/2019 01/18/2019 245,000.00	252,107.61 0.00 0.00 251,995.24	1,217.34 0.00 1,906.41 689.07	0.00 112.37 (112.37) 576.70	576.70
3130A1W95	FHLB Note 2.25% Due 06/11/2021	11/25/2016 11/28/2016 200,000.00	201,808.31 0.00 0.00 201,749.50	625.00 0.00 1,000.00 375.00	0.00 58.81 (58.81) 316.19	316.19
3130A3KM5	FHLB Note 2.5% Due 12/09/2022	03/08/2018 03/09/2018 420,000.00	417,038.50 0.00 0.00 417,097.42	1,516.66 0.00 2,391.66 875.00	58.92 0.00 58.92 933.92	933.92

Income Earned

As of February 28, 2019



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	Total Income
3130A7CV5	FHLB Note 1.375% Due 02/18/2021	10/26/2016 10/27/2016 200,000.00	200,160.52 0.00 0.00 200,154.51	1,245.14 1,375.00 99.31 229.17	0.00 6.01 (6.01) 223.16	223.16
3130A8NN9	FHLB Note 0.8% Due 06/28/2019	10/27/2016 10/28/2016 250,000.00	249,675.94 0.00 0.00 249,737.66	183.33 0.00 350.00 166.67	61.72 0.00 61.72 228.39	228.39
3130A8Y72	FHLB Note 0.875% Due 08/05/2019	10/21/2016 10/24/2016 200,000.00	199,844.71 0.00 0.00 199,868.21	855.56 875.00 126.39 145.83	23.50 0.00 23.50 169.33	169.33
3130A9EP2	FHLB Note 1% Due 09/26/2019	11/17/2016 11/18/2016 400,000.00	399,172.10 0.00 0.00 399,269.90	1,388.88 0.00 1,722.22 333.34	97.80 0.00 97.80 431.14	431.14
3130AA3R7	FHLB Note 1.375% Due 11/15/2019	11/17/2016 11/18/2016 400,000.00	399,968.46 0.00 0.00 399,971.54	1,161.12 0.00 1,619.44 458.32	3.08 0.00 3.08 461.40	461.40
3130AF2D8	FHLB Note 2.86% Due 10/15/2020	12/17/2018 12/18/2018 205,000.00	205,303.96 0.00 0.00 205,290.28	1,954.33 0.00 2,442.92 488.59	0.00 13.68 (13.68) 474.91	474.91
313378CR0	FHLB Note 2.25% Due 03/11/2022	Various Various 470,000.00	472,723.45 0.00 0.00 472,656.21	4,112.50 0.00 4,993.75 881.25	0.00 67.24 (67.24) 814.01	814.01
313378J77	FHLB Note 1.875% Due 03/13/2020	11/29/2016 11/30/2016 200,000.00	200,808.61 0.00 0.00 200,752.85	1,437.50 0.00 1,750.00 312.50	0.00 55.76 (55.76) 256.74	256.74
313379EE5	FHLB Note 1.625% Due 06/14/2019	12/21/2016 12/22/2016 200,000.00	200,135.35 0.00 0.00 200,106.86	424.31 0.00 695.14 270.83	0.00 28.49 (28.49) 242.34	242.34

Income Earned

As of February 28, 2019



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	Total Income
313379Q69	FHLB Note 2.125% Due 06/10/2022	07/19/2017 07/20/2017 480,000.00	483,925.29 0.00 0.00 483,835.57	1,445.00 0.00 2,295.00 850.00	0.00 89.72 (89.72) 760.28	760.28
313379RB7	FHLB Note 1.875% Due 06/11/2021	04/27/2017 04/28/2017 260,000.00	260,655.96 0.00 0.00 260,634.63	677.08 0.00 1,083.33 406.25	0.00 21.33 (21.33) 384.92	384.92
313380GJ0	FHLB Note 2% Due 09/09/2022	09/21/2017 09/22/2017 445,000.00	445,649.25 0.00 0.00 445,635.44	3,510.56 0.00 4,252.22 741.66	0.00 13.81 (13.81) 727.85	727.85
313382K69	FHLB Note 1.75% Due 03/12/2021	10/25/2016 10/26/2016 130,000.00	131,089.95 0.00 0.00 131,050.32	878.40 0.00 1,067.99 189.59	0.00 39.63 (39.63) 149.96	149.96
3133EEY20	FFCB Note 2.4% Due 06/17/2022	10/17/2017 10/18/2017 260,000.00	263,445.84 0.00 0.00 263,367.52	762.66 0.00 1,282.66 520.00	0.00 78.32 (78.32) 441.68	441.68
3133EFW52	FFCB Note 1.15% Due 07/01/2019	10/20/2016 10/21/2016 200,000.00	200,108.65 0.00 0.00 200,088.37	191.67 0.00 383.33 191.66	0.00 20.28 (20.28) 171.38	171.38
3133EG3J2	FFCB Note 1.55% Due 01/10/2020	01/27/2017 01/30/2017 305,000.00	304,980.54 0.00 0.00 304,982.12	275.77 0.00 669.73 393.96	1.58 0.00 1.58 395.54	395.54
3133EGT47	FFCB Note 2.01% Due 12/08/2021	07/05/2018 07/06/2018 200,000.00	195,945.84 0.00 0.00 196,054.89	591.83 0.00 926.83 335.00	109.05 0.00 109.05 444.05	444.05
3133EGYP4	FFCB Note 1.05% Due 10/17/2019	11/17/2016 11/18/2016 200,000.00	199,598.56 0.00 0.00 199,642.13	606.67 0.00 781.67 175.00	43.57 0.00 43.57 218.57	218.57

Income Earned

As of February 28, 2019



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3133EHP31	FFCB Note 1.95% Due 11/02/2021	12/18/2017 12/19/2017 280,000.00	278,629.81 0.00 0.00 278,667.99	1,349.84 0.00 1,804.84 455.00	38.18 0.00 38.18 493.18	493.18
3133EJ3B3	FFCB Note 2.8% Due 12/17/2021	12/17/2018 12/18/2018 205,000.00	204,986.24 0.00 0.00 204,986.61	701.56 0.00 1,179.89 478.33	0.37 0.00 0.37 478.70	478.70
3133EJBP3	FFCB Note 2.5% Due 02/02/2023	02/26/2018 02/27/2018 325,000.00	323,000.20 0.00 0.00 323,038.50	4,039.93 4,062.50 654.51 677.08	38.30 0.00 38.30 715.38	715.38
3133EJSD2	FFCB Note 2.89% Due 06/19/2023	07/05/2018 07/06/2018 200,000.00	200,535.65 0.00 0.00 200,526.27	674.33 0.00 1,156.00 481.67	0.00 9.38 (9.38) 472.29	472.29
3133EJTF6	FFCB Note 2.7% Due 07/02/2021	07/02/2018 07/03/2018 200,000.00	199,845.35 0.00 0.00 199,850.26	435.00 0.00 885.00 450.00	4.91 0.00 4.91 454.91	454.91
3133EJUS6	FFCB Note 2.875% Due 07/17/2023	09/06/2018 09/07/2018 280,000.00	280,243.96 0.00 0.00 280,239.76	313.06 0.00 983.89 670.83	0.00 4.20 (4.20) 666.63	666.63
3133EJYL7	FFCB Note 2.8% Due 09/05/2023	09/20/2018 09/21/2018 225,000.00	222,467.13 0.00 0.00 222,509.42	2,555.00 0.00 3,080.00 525.00	42.29 0.00 42.29 567.29	567.29
40428HPV8	HSBC USA Inc Note 2.75% Due 08/07/2020	11/15/2017 11/17/2017 160,000.00	161,166.97 0.00 0.00 161,107.89	2,126.67 2,200.00 293.33 366.66	0.00 59.08 (59.08) 307.58	307.58
43814PAC4	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 09/20/2021	12/11/2018 12/13/2018 200,000.00	197,534.40 0.00 0.00 197,606.16	129.28 298.33 129.28 298.33	71.76 0.00 71.76 370.09	370.09

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	Total Income
44932HAH6	IBM Credit Corp Note 3% Due 02/06/2023	05/07/2018 05/09/2018 150,000.00	147,884.70 0.00 0.00 147,925.10	2,187.50 2,250.00 312.50 375.00	40.40 0.00 40.40 415.40	415.40
459200JF9	IBM Corp Note 2.25% Due 02/19/2021	05/07/2018 05/09/2018 150,000.00	147,817.07 0.00 0.00 147,898.68	1,518.75 1,687.50 112.50 281.25	81.61 0.00 81.61 362.86	362.86
46625HJH4	JP Morgan Chase Note 3.2% Due 01/25/2023	11/13/2018 11/15/2018 125,000.00	122,669.99 0.00 0.00 122,714.86	66.67 0.00 400.00 333.33	44.87 0.00 44.87 378.20	378.20
46625HKA7	JP Morgan Chase Callable Note Cont 12/23/2019 2.25% Due 01/23/2020	10/31/2018 11/02/2018 125,000.00	123,913.88 0.00 0.00 123,999.31	62.50 0.00 296.88 234.38	85.43 0.00 85.43 319.81	319.81
47788BAD6	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	11/15/2018 11/19/2018 250,000.00	246,847.67 0.00 0.00 246,937.10	202.22 379.17 202.22 379.17	89.43 0.00 89.43 468.60	468.60
594918BG8	Microsoft Callable Note Cont. 10/03/20 2% Due 11/03/2020	10/24/2016 10/27/2016 125,000.00	126,068.15 0.00 0.00 126,021.49	611.11 0.00 819.44 208.33	0.00 46.66 (46.66) 161.67	161.67
594918BN3	Microsoft Note 1.1% Due 08/08/2019	10/24/2016 10/27/2016 125,000.00	124,912.25 0.00 0.00 124,925.32	660.76 687.50 87.85 114.59	13.07 0.00 13.07 127.66	127.66
65478VAD9	NAROT 2016-B A3 1.32% Due 01/15/2021	Various Various 150,170.51	166,578.58 0.00 17,371.88 149,340.51	24.57 184.29 22.03 181.75	133.81 0.00 133.81 315.56	315.56
68389XBK0	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 09/15/2021	Various Various 250,000.00	244,743.32 0.00 0.00 244,897.12	1,794.44 0.00 2,190.28 395.84	153.80 0.00 153.80 549.64	549.64

Income Earned

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717081EB5	Pfizer Inc. Note 1.7% Due 12/15/2019	01/27/2017 01/30/2017 125,000.00	125,001.51 0.00 0.00 125,001.38	271.53 0.00 448.61 177.08	0.00 0.13 (0.13) 176.95	176.95
747525AD5	Qualcomm Inc Note 2.25% Due 05/20/2020	10/19/2016 10/21/2016 250,000.00	251,961.10 0.00 0.00 251,845.26	1,109.38 0.00 1,578.12 468.74	0.00 115.84 (115.84) 352.90	352.90
857477AS2	State Street Bank Note 2.55% Due 08/18/2020	09/21/2017 09/25/2017 125,000.00	126,199.43 0.00 0.00 126,139.89	1,443.23 1,593.75 115.10 265.62	0.00 59.54 (59.54) 206.08	206.08
857477AV5	State Street Bank Note 1.95% Due 05/19/2021	10/12/2016 10/17/2016 125,000.00	125,169.48 0.00 0.00 125,163.81	487.50 0.00 690.63 203.13	0.00 5.67 (5.67) 197.46	197.46
89236TBP9	Toyota Motor Credit Corp Note 2.125% Due 07/18/2019	10/24/2016 10/27/2016 125,000.00	125,373.19 0.00 0.00 125,310.62	95.92 0.00 317.27 221.35	0.00 62.57 (62.57) 158.78	158.78
89236TDE2	Toyota Motor Credit Corp Note 1.4% Due 05/20/2019	10/12/2016 10/17/2016 125,000.00	124,971.00 0.00 0.00 124,978.52	345.14 0.00 490.97 145.83	7.52 0.00 7.52 153.35	153.35
91159HHH6	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 04/25/2019	10/12/2016 10/17/2016 250,000.00	250,393.12 0.00 0.00 250,260.50	1,466.66 0.00 1,925.00 458.34	0.00 132.62 (132.62) 325.72	325.72
91159HHP8	US Bancorp Callable Cont 12/23/2021 2.625% Due 01/24/2022	01/19/2017 01/24/2017 60,000.00	59,938.51 0.00 0.00 59,940.09	30.63 0.00 161.88 131.25	1.58 0.00 1.58 132.83	132.83
9128282W9	US Treasury Note 1.875% Due 09/30/2022	Various Various 220,000.00	218,172.86 0.00 0.00 218,211.12	1,405.22 0.00 1,722.52 317.30	38.26 0.00 38.26 355.56	355.56

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	Total Income
9128283C2	US Treasury Note 2% Due 10/31/2022	11/07/2017 11/08/2017 220,000.00	220,174.60 0.00 0.00 220,171.02	1,130.39 0.00 1,470.72 340.33	0.00 3.58 (3.58) 336.75	336.75
9128283U2	US Treasury Note 2.375% Due 01/31/2023	04/16/2018 04/17/2018 465,000.00	459,468.78 0.00 0.00 459,574.86	30.51 0.00 884.72 854.21	106.08 0.00 106.08 960.29	960.29
9128284L1	US Treasury Note 2.75% Due 04/30/2023	Various Various 190,000.00	189,225.81 0.00 0.00 189,239.80	1,342.33 0.00 1,746.48 404.15	14.37 0.38 13.99 418.14	418.14
9128285K2	US Treasury Note 2.875% Due 10/31/2023	11/29/2018 11/30/2018 225,000.00	225,152.65 0.00 0.00 225,150.18	1,661.86 0.00 2,162.21 500.35	0.00 2.47 (2.47) 497.88	497.88
912828C57	US Treasury Note 2.25% Due 03/31/2021	01/24/2018 01/25/2018 175,000.00	175,041.81 0.00 0.00 175,040.32	1,341.35 0.00 1,644.23 302.88	0.00 1.49 (1.49) 301.39	301.39
912828F62	US Treasury Note 1.5% Due 10/31/2019	11/29/2018 11/30/2018 230,000.00	227,957.47 0.00 0.00 228,167.73	886.33 0.00 1,153.18 266.85	210.26 0.00 210.26 477.11	477.11
912828J50	US Treasury Note 1.375% Due 02/29/2020	10/25/2016 10/26/2016 200,000.00	200,608.75 0.00 0.00 200,565.38	1,169.89 1,375.00 7.47 212.58	0.00 43.37 (43.37) 169.21	169.21
912828L24	US Treasury Note 1.875% Due 08/31/2022	Various Various 440,000.00	439,569.85 0.00 0.00 439,579.07	3,509.66 4,125.00 22.42 637.76	9.22 0.00 9.22 646.98	646.98
912828L65	US Treasury Note 1.375% Due 09/30/2020	10/26/2016 10/27/2016 200,000.00	200,582.31 0.00 0.00 200,555.45	936.81 0.00 1,148.35 211.54	0.00 26.86 (26.86) 184.68	184.68

Income Earned

As of February 28, 2019



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	Total Income
912828L99	US Treasury Note 1.375% Due 10/31/2020	10/25/2016 10/26/2016 200,000.00	200,622.49 0.00 0.00 200,595.17	706.49 0.00 919.20 212.71	0.00 27.32 (27.32) 185.39	185.39
912828N89	US Treasury Note 1.375% Due 01/31/2021	Various Various 400,000.00	398,997.12 0.00 0.00 399,035.59	15.20 0.00 440.60 425.40	61.95 23.48 38.47 463.87	463.87
912828P53	US Treasury Note Due 02/15/2019	10/31/2018 11/01/2018 0.00	249,843.93 0.00 250,000.00 0.00	866.17 937.50 0.00 71.33	156.07 0.00 156.07 227.40	227.40
912828P87	US Treasury Note 1.125% Due 02/28/2021	10/25/2016 10/26/2016 200,000.00	199,600.80 0.00 0.00 199,615.54	957.18 1,125.00 6.11 173.93	14.74 0.00 14.74 188.67	188.67
912828T34	US Treasury Note 1.125% Due 09/30/2021	Various Various 415,000.00	408,359.67 0.00 0.00 408,550.95	1,590.45 0.00 1,949.59 359.14	191.28 0.00 191.28 550.42	550.42
912828TH3	US Treasury Note 0.875% Due 07/31/2019	10/25/2016 10/26/2016 200,000.00	199,891.30 0.00 0.00 199,908.21	4.83 0.00 140.19 135.36	16.91 0.00 16.91 152.27	152.27
912828U65	US Treasury Note 1.75% Due 11/30/2021	09/21/2017 09/22/2017 140,000.00	139,812.01 0.00 0.00 139,817.10	424.04 0.00 612.50 188.46	5.09 0.00 5.09 193.55	193.55
912828UB4	US Treasury Note 1% Due 11/30/2019	10/12/2016 10/13/2016 400,000.00	399,736.14 0.00 0.00 399,760.60	692.30 0.00 1,000.00 307.70	24.46 0.00 24.46 332.16	332.16
912828UF5	US Treasury Note 1.125% Due 12/31/2019	10/25/2016 10/26/2016 200,000.00	200,134.64 0.00 0.00 200,123.32	198.90 0.00 372.93 174.03	0.00 11.32 (11.32) 162.71	162.71

Income Earned

As of February 28, 2019



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	Total Income
912828V72	US Treasury Note 1.875% Due 01/31/2022	Various Various 420,000.00	419,348.08 0.00 0.00 419,364.75	21.76 0.00 630.87 609.11	16.67 0.00 16.67 625.78	625.78
912828VA5	US Treasury Note 1.125% Due 04/30/2020	10/25/2016 10/26/2016 200,000.00	200,033.44 0.00 0.00 200,031.38	568.75 0.00 756.25 187.50	0.00 2.06 (2.06) 185.44	185.44
912828WY2	US Treasury Note 2.25% Due 07/31/2021	01/30/2018 01/31/2018 200,000.00	199,537.41 0.00 0.00 199,551.63	12.43 0.00 360.50 348.07	14.22 0.00 14.22 362.29	362.29
912828X47	US Treasury Note 1.875% Due 04/30/2022	Various Various 450,000.00	438,361.34 0.00 0.00 438,636.59	2,167.65 0.00 2,820.27 652.62	275.25 0.00 275.25 927.87	927.87
912828XD7	US Treasury Note 1.875% Due 05/31/2022	10/22/2018 10/23/2018 125,000.00	120,555.05 0.00 0.00 120,657.48	405.65 0.00 585.94 180.29	102.43 0.00 102.43 282.72	282.72
912828XH8	US Treasury Note 1.625% Due 06/30/2020	11/02/2016 11/03/2016 200,000.00	201,395.65 0.00 0.00 201,319.77	287.29 0.00 538.67 251.38	0.00 75.88 (75.88) 175.50	175.50
912828XM7	US Treasury Note 1.625% Due 07/31/2020	10/25/2016 10/26/2016 200,000.00	201,406.62 0.00 0.00 201,334.48	8.98 0.00 260.36 251.38	0.00 72.14 (72.14) 179.24	179.24
912828Y61	US Treasury Note 2.75% Due 07/31/2023	09/27/2018 09/28/2018 230,000.00	228,022.53 0.00 0.00 228,056.28	17.47 0.00 506.70 489.23	33.75 0.00 33.75 522.98	522.98
931142EJ8	Wal-Mart Stores Note 3.125% Due 06/23/2021	07/02/2018 07/05/2018 125,000.00	125,516.43 0.00 0.00 125,499.87	412.33 0.00 737.85 325.52	0.00 16.56 (16.56) 308.96	308.96

Income Earned

As of February 28, 2019



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	Total Income
931142EK5	Wal-Mart Stores Callable Note Cont 5/26/2023 3.4% Due 06/26/2023	07/02/2018 07/05/2018 125,000.00	125,815.37 0.00 0.00 125,801.16	413.19 0.00 767.36 354.17	0.00 14.21 (14.21) 339.96	339.96
94974BGF1	Wells Fargo Corp Note 2.15% Due 01/30/2020	10/24/2016 10/27/2016 125,000.00	125,244.03 0.00 0.00 125,225.21	7.47 0.00 231.42 223.95	0.00 18.82 (18.82) 205.13	205.13
			20,465,328.53 0.00 267,371.88	89,489.88 28,420.96 93,543.88	2,819.55 1,861.73 957.82	
Total Fixed Income		20,240,170.51	20,198,914.47	32,474.96	33,432.78	33,432.78

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	366.16 0.00 556.03 189.87	0.00 0.00 0.00 189.87	189.87
05581WWZ4	BMO Harris Bank Callable NCD Qtrly 11/16/2018 2.6% Due 11/16/2021	05/16/2018 05/16/2018 200,000.00	200,000.00 0.00 0.00 200,000.00	1,083.33 1,310.68 216.67 444.02	0.00 0.00 0.00 444.02	444.02
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	1,017.74 0.00 1,242.12 224.38	0.00 0.00 0.00 224.38	224.38
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	1,090.14 1,159.45 107.12 176.43	0.00 0.00 0.00 176.43	176.43
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	788.70 0.00 1,239.38 450.68	0.00 0.00 0.00 450.68	450.68

Income Earned

As of February 28, 2019



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	Total Income
29976DPF1	Everbank Negotiable CD 1.5% Due 11/15/2019	01/30/2015 01/30/2015 150,000.00	149,806.15 0.00 0.00 149,825.06	480.82 0.00 653.42 172.60	18.91 0.00 18.91 191.51	191.51
31846V203	First American Govt Obligation Fund Class Y	02/06/2019 02/06/2019 344,432.76	50,426.14 295,880.11 1,873.49 344,432.76	0.00 87.27 0.00 87.27	0.00 0.00 0.00 87.27	87.27
38148PW86	Goldman Sachs Negotiable CD 3.35% Due 09/19/2023	09/19/2018 09/19/2018 110,000.00	110,000.00 0.00 0.00 110,000.00	1,351.17 0.00 1,658.25 307.08	0.00 0.00 0.00 307.08	307.08
48126YN58	JP Morgan Chase Bank Callable NCD S/A 3/16/2019 2.9% Due 03/16/2023	03/16/2018 03/16/2018 200,000.00	200,000.00 0.00 0.00 200,000.00	2,192.88 0.00 2,637.81 444.93	0.00 0.00 0.00 444.93	444.93
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	1,413.58 1,469.48 167.71 223.61	0.00 0.00 0.00 223.61	223.61
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	14.79 0.00 221.92 207.13	0.00 0.00 0.00 207.13	207.13
90CASH\$00	Cash Custodial Cash Account	Various Various 19,679.08	15,728.51 3,950.57 0.00 19,679.08	0.00 10.96 0.00 10.96	0.00 0.00 0.00 10.96	10.96
94986T4N4	Wells Fargo Callable Note Qtrly 9/16/2019 2.5% Due 09/16/2021	03/16/2018 03/16/2018 100,000.00	100,000.00 0.00 0.00 100,000.00	945.21 0.00 1,136.99 191.78	0.00 0.00 0.00 191.78	191.78
			1,675,960.80	10,744.52	18.91	
			299,830.68	4,037.84	0.00	
			1,873.49	9,837.42	18.91	
Total Cash & Equivalent		1,974,111.84	1,973,936.90	3,130.74	3,149.65	3,149.65



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	Total Income
LOCAL AGENCY INVESTMENT FUND						
90LAIF\$00	Local Agency Investment Fund State Pool	Various	33,562,803.06	66,231.66	0.00	61,534.90
		Various	0.00	0.00	0.00	
		33,562,803.06	0.00	127,766.56	0.00	
		33,562,803.06	61,534.90	61,534.90		
		33,562,803.06	66,231.66	0.00		
		0.00	0.00	0.00		
		0.00	127,766.56	0.00		
Total Local Agency Investment Fund		33,562,803.06	33,562,803.06	61,534.90	61,534.90	61,534.90
			55,704,092.39	166,466.06	2,838.46	
			299,830.68	32,458.80	1,861.73	
			269,245.37	231,147.86	976.73	
TOTAL PORTFOLIO		55,777,085.41	55,735,654.43	97,140.60	98,117.33	98,117.33

Cash Flow Report

As of February 28, 2019



Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
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	125,000.00	1,328.13	126,328.13
03/05/2019	Interest	3133EJYL7	225,000.00	FFCB Note 2.8% Due 9/5/2023	0.00	3,150.00	3,150.00
03/06/2019	Interest	24422ETG4	140,000.00	John Deere Capital Corp Note 2.8% Due 3/6/2023	0.00	1,960.00	1,960.00
03/09/2019	Interest	313380GJ0	200,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,000.00	2,000.00
03/09/2019	Interest	313380GJ0	245,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,450.00	2,450.00
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	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
03/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,794.90	211.67	7,006.57
03/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,150.93	147.50	2,298.43

Cash Flow Report

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
03/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	14,035.16	379.17	14,414.33
03/16/2019	Interest	48126YN58	200,000.00	JP Morgan Chase Bank Callable NCD S/A 3/16/2019 2.9% Due 3/16/2023	0.00	2,876.16	2,876.16
03/16/2019	Interest	94986T4N4	100,000.00	Wells Fargo Callable Note Qtrly 9/16/2019 2.5% Due 9/16/2021	0.00	1,239.73	1,239.73
03/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,169.64	298.33	6,467.97
03/19/2019	Interest	38148PW86	110,000.00	Goldman Sachs Negotiable CD 3.35% Due 9/19/2023	0.00	1,842.50	1,842.50
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
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	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,403.83	165.18	6,569.01
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	912828L65	200,000.00	US Treasury Note 1.375% Due 9/30/2020	0.00	1,375.00	1,375.00
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	912828T34	200,000.00	US Treasury Note 1.125% Due 9/30/2021	0.00	1,125.00	1,125.00
MAR 2019					285,554.46	46,190.11	331,744.57
04/10/2019	Interest	02665WCQ2	140,000.00	American Honda Finance Note 3.625% Due 10/10/2023	0.00	2,537.50	2,537.50

Cash Flow Report

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
04/15/2019	Dividend	90LAIF\$00	1,963,816,601.79	Local Agency Investment Fund State Pool	0.00	127,658.52	127,658.52
04/15/2019	Interest	3130AF2D8	205,000.00	FHLB Note 2.86% Due 10/15/2020	0.00	3,159.51	3,159.51
04/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	13,641.94	357.88	13,999.82
04/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,154.10	144.33	2,298.43
04/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,802.09	204.48	7,006.57
04/17/2019	Interest	3133EGYP4	200,000.00	FFCB Note 1.05% Due 10/17/2019	0.00	1,050.00	1,050.00
04/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,174.78	289.13	6,463.91
04/25/2019	Maturity	91159HHH6	125,000.00	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	125,000.00	1,375.00	126,375.00
04/25/2019	Maturity	91159HHH6	125,000.00	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	125,000.00	1,375.00	126,375.00
04/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,415.06	158.15	6,573.21
04/30/2019	Interest	9128284L1	190,000.00	US Treasury Note 2.75% Due 4/30/2023	0.00	2,612.50	2,612.50
04/30/2019	Interest	9128285K2	225,000.00	US Treasury Note 2.875% Due 10/31/2023	0.00	3,234.38	3,234.38
04/30/2019	Interest	912828L99	200,000.00	US Treasury Note 1.375% Due 10/31/2020	0.00	1,375.00	1,375.00
04/30/2019	Interest	912828VA5	200,000.00	US Treasury Note 1.125% Due 4/30/2020	0.00	1,125.00	1,125.00
04/30/2019	Interest	912828X47	250,000.00	US Treasury Note 1.875% Due 4/30/2022	0.00	2,343.75	2,343.75
04/30/2019	Interest	912828F62	230,000.00	US Treasury Note 1.5% Due 10/31/2019	0.00	1,725.00	1,725.00
04/30/2019	Interest	9128283C2	220,000.00	US Treasury Note 2% Due 10/31/2022	0.00	2,200.00	2,200.00

Cash Flow Report

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
04/30/2019	Interest	912828X47	200,000.00	US Treasury Note 1.875% Due 4/30/2022	0.00	1,875.00	1,875.00
APR 2019					285,187.97	154,800.13	439,988.10
05/02/2019	Interest	3133EHP31	130,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,267.50	1,267.50
05/02/2019	Interest	3133EHP31	150,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,462.50	1,462.50
05/03/2019	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
05/06/2019	Interest	037833AR1	200,000.00	Apple Inc Note 2.85% Due 5/6/2021	0.00	2,850.00	2,850.00
05/15/2019	Interest	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	0.00	1,375.00	1,375.00
05/15/2019	Interest	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	0.00	1,375.00	1,375.00
05/15/2019	Interest	29976DPF1	150,000.00	Everbank Negotiable CD 1.5% Due 11/15/2019	0.00	1,115.75	1,115.75
05/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	13,247.91	337.19	13,585.10
05/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,157.28	141.15	2,298.43
05/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,809.29	197.28	7,006.57
05/16/2019	Interest	05581WWZ4	200,000.00	BMO Harris Bank Callable NCD Qtrly 11/16/2018 2.6% Due 11/16/2021	0.00	1,300.00	1,300.00
05/16/2019	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
05/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,179.93	279.92	6,459.85
05/19/2019	Interest	857477AV5	125,000.00	State Street Bank Note 1.95% Due 5/19/2021	0.00	1,218.75	1,218.75
05/20/2019	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
05/20/2019	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25
05/20/2019	Maturity	89236TDE2	125,000.00	Toyota Motor Credit Corp Note 1.4% Due 5/20/2019	125,000.00	875.00	125,875.00
05/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,426.34	151.09	6,577.43
05/31/2019	Interest	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	0.00	1,000.00	1,000.00
05/31/2019	Interest	912828U65	140,000.00	US Treasury Note 1.75% Due 11/30/2021	0.00	1,225.00	1,225.00
05/31/2019	Interest	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	0.00	1,000.00	1,000.00
05/31/2019	Interest	912828XD7	125,000.00	US Treasury Note 1.875% Due 5/31/2022	0.00	1,171.88	1,171.88
MAY 2019					159,820.75	23,718.01	183,538.76
06/08/2019	Interest	3133EGT47	200,000.00	FFCB Note 2.01% Due 12/8/2021	0.00	2,010.00	2,010.00
06/08/2019	Interest	3130A0F70	245,000.00	FHLB Note 3.375% Due 12/8/2023	0.00	4,134.38	4,134.38
06/09/2019	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
06/09/2019	Interest	02587DJ90	110,000.00	American Express Centurion Negotiable CD 2.25% Due 12/9/2020	0.00	1,234.11	1,234.11
06/09/2019	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
06/10/2019	Interest	02665WCP4	120,000.00	American Honda Finance Note 3.375% Due 12/10/2021	0.00	2,025.00	2,025.00
06/10/2019	Interest	313379Q69	170,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	1,806.25	1,806.25
06/10/2019	Interest	313379Q69	310,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	3,293.76	3,293.76
06/11/2019	Interest	313379RB7	260,000.00	FHLB Note 1.875% Due 6/11/2021	0.00	2,437.50	2,437.50

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
06/11/2019	Interest	3130A1W95	200,000.00	FHLB Note 2.25% Due 6/11/2021	0.00	2,250.00	2,250.00
06/14/2019	Interest	14042RGG0	250,000.00	CAPITAL ONE Negotiable CD 2.35% Due 6/14/2022	0.00	2,929.45	2,929.45
06/14/2019	Maturity	313379EE5	200,000.00	FHLB Note 1.625% Due 6/14/2019	200,000.00	1,625.00	201,625.00
06/15/2019	Interest	717081EB5	125,000.00	Pfizer Inc. Note 1.7% Due 12/15/2019	0.00	1,062.50	1,062.50
06/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	12,853.06	317.10	13,170.16
06/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,816.50	190.07	7,006.57
06/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,160.46	137.97	2,298.43
06/17/2019	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
06/17/2019	Interest	3133EJ3B3	205,000.00	FFCB Note 2.8% Due 12/17/2021	0.00	2,870.00	2,870.00
06/17/2019	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
06/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,185.08	270.70	6,455.78
06/19/2019	Interest	3133EJSD2	200,000.00	FFCB Note 2.89% Due 6/19/2023	0.00	2,890.00	2,890.00
06/23/2019	Interest	931142EJ8	125,000.00	Wal-Mart Stores Note 3.125% Due 6/23/2021	0.00	1,953.13	1,953.13
06/26/2019	Interest	931142EK5	125,000.00	Wal-Mart Stores Callable Note Cont 5/26/2023 3.4% Due 6/26/2023	0.00	2,125.00	2,125.00
06/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,437.64	144.02	6,581.66
06/28/2019	Maturity	3130A8NN9	250,000.00	FHLB Note 0.8% Due 6/28/2019	250,000.00	1,000.00	251,000.00
06/30/2019	Interest	912828XH8	200,000.00	US Treasury Note 1.625% Due 6/30/2020	0.00	1,625.00	1,625.00

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
06/30/2019	Interest	912828UF5	200,000.00	US Treasury Note 1.125% Due 12/31/2019	0.00	1,125.00	1,125.00
JUN 2019					484,452.74	47,825.94	532,278.68
07/01/2019	Maturity	3133EFW52	200,000.00	FFCB Note 1.15% Due 7/1/2019	200,000.00	1,150.00	201,150.00
07/02/2019	Interest	3133EJTF6	200,000.00	FFCB Note 2.7% Due 7/2/2021	0.00	2,700.00	2,700.00
07/08/2019	Interest	24422ETZ2	140,000.00	John Deere Capital Corp Note 2.35% Due 1/8/2021	0.00	1,645.00	1,645.00
07/10/2019	Interest	3133EG3J2	160,000.00	FFCB Note 1.55% Due 1/10/2020	0.00	1,240.00	1,240.00
07/10/2019	Interest	3133EG3J2	145,000.00	FFCB Note 1.55% Due 1/10/2020	0.00	1,123.75	1,123.75
07/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	12,457.40	297.60	12,755.00
07/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,163.65	134.78	2,298.43
07/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,823.71	182.86	7,006.57
07/17/2019	Interest	3133EJUS6	280,000.00	FFCB Note 2.875% Due 7/17/2023	0.00	4,025.00	4,025.00
07/18/2019	Maturity	89236TBP9	125,000.00	Toyota Motor Credit Corp Note 2.125% Due 7/18/2019	125,000.00	1,328.13	126,328.13
07/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,190.23	261.48	6,451.71
07/23/2019	Interest	46625HKA7	125,000.00	JP Morgan Chase Callable Note Cont 12/23/2019 2.25% Due 1/23/2020	0.00	1,406.25	1,406.25
07/24/2019	Interest	91159HHP8	60,000.00	US Bancorp Callable Cont 12/23/2021 2.625% Due 1/24/2022	0.00	787.50	787.50
07/25/2019	Interest	46625HJH4	125,000.00	JP Morgan Chase Note 3.2% Due 1/25/2023	0.00	2,000.00	2,000.00
07/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,448.95	136.94	6,585.89

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07/30/2019	Interest	87164WFD5	150,000.00	Synchrony Bank Negotiable CD 1.8% Due 1/30/2020	0.00	1,338.90	1,338.90
07/30/2019	Interest	94974BGF1	125,000.00	Wells Fargo Corp Note 2.15% Due 1/30/2020	0.00	1,343.75	1,343.75
07/31/2019	Interest	912828XM7	200,000.00	US Treasury Note 1.625% Due 7/31/2020	0.00	1,625.00	1,625.00
07/31/2019	Interest	9128283U2	230,000.00	US Treasury Note 2.375% Due 1/31/2023	0.00	2,731.25	2,731.25
07/31/2019	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00
07/31/2019	Interest	912828V72	200,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	1,875.00	1,875.00
07/31/2019	Interest	912828Y61	230,000.00	US Treasury Note 2.75% Due 7/31/2023	0.00	3,162.50	3,162.50
07/31/2019	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00
07/31/2019	Interest	912828V72	220,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	2,062.50	2,062.50
07/31/2019	Interest	912828WY2	200,000.00	US Treasury Note 2.25% Due 7/31/2021	0.00	2,250.00	2,250.00
07/31/2019	Interest	9128283U2	235,000.00	US Treasury Note 2.375% Due 1/31/2023	0.00	2,790.63	2,790.63
07/31/2019	Maturity	912828TH3	200,000.00	US Treasury Note 0.875% Due 7/31/2019	200,000.00	875.00	200,875.00
JUL 2019					559,083.94	41,223.82	600,307.76
08/02/2019	Interest	3133EJBP3	325,000.00	FFCB Note 2.5% Due 2/2/2023	0.00	4,062.50	4,062.50
08/05/2019	Maturity	3130A8Y72	200,000.00	FHLB Note 0.875% Due 8/5/2019	200,000.00	875.00	200,875.00
08/06/2019	Interest	44932HAH6	150,000.00	IBM Credit Corp Note 3% Due 2/6/2023	0.00	2,250.00	2,250.00
08/07/2019	Interest	40428HPV8	160,000.00	HSBC USA Inc Note 2.75% Due 8/7/2020	0.00	2,200.00	2,200.00

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
08/08/2019	Interest	795450K53	110,000.00	Sallie Mae Bank Negotiable CD 2.65% Due 2/8/2023	0.00	1,445.52	1,445.52
08/08/2019	Maturity	594918BN3	125,000.00	Microsoft Note 1.1% Due 8/8/2019	125,000.00	687.50	125,687.50
08/12/2019	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
08/15/2019	Interest	22160KAG0	250,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.00	2,187.50	2,187.50
08/15/2019	Interest	22160KAG0	125,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	0.00	1,093.75	1,093.75
08/15/2019	Maturity	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	125,000.00	812.50	125,812.50
08/15/2019	Maturity	084664CK5	125,000.00	Berkshire Hathaway Note 1.3% Due 8/15/2019	125,000.00	812.50	125,812.50
08/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,166.84	131.59	2,298.43
08/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	12,060.91	278.71	12,339.62
08/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,830.94	175.63	7,006.57
08/16/2019	Interest	05581WWZ4	200,000.00	BMO Harris Bank Callable NCD Qtrly 11/16/2018 2.6% Due 11/16/2021	0.00	1,300.00	1,300.00
08/18/2019	Interest	3130A7CV5	200,000.00	FHLB Note 1.375% Due 2/18/2021	0.00	1,375.00	1,375.00
08/18/2019	Interest	857477AS2	125,000.00	State Street Bank Note 2.55% Due 8/18/2020	0.00	1,593.75	1,593.75
08/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,195.39	252.24	6,447.63
08/19/2019	Interest	459200JF9	150,000.00	IBM Corp Note 2.25% Due 2/19/2021	0.00	1,687.50	1,687.50
08/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,460.28	129.85	6,590.13
08/31/2019	Interest	912828L24	200,000.00	US Treasury Note 1.875% Due 8/31/2022	0.00	1,875.00	1,875.00

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
08/31/2019	Interest	912828L24	240,000.00	US Treasury Note 1.875% Due 8/31/2022	0.00	2,250.00	2,250.00
08/31/2019	Interest	912828J50	200,000.00	US Treasury Note 1.375% Due 2/29/2020	0.00	1,375.00	1,375.00
08/31/2019	Interest	912828P87	200,000.00	US Treasury Note 1.125% Due 2/28/2021	0.00	1,125.00	1,125.00
AUG 2019					608,714.36	31,116.59	639,830.95
09/01/2019	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
09/05/2019	Interest	3133EJYL7	225,000.00	FFCB Note 2.8% Due 9/5/2023	0.00	3,150.00	3,150.00
09/06/2019	Interest	24422ETG4	140,000.00	John Deere Capital Corp Note 2.8% Due 3/6/2023	0.00	1,960.00	1,960.00
09/09/2019	Interest	313380GJ0	200,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,000.00	2,000.00
09/09/2019	Interest	313380GJ0	245,000.00	FHLB Note 2% Due 9/9/2022	0.00	2,450.00	2,450.00
09/11/2019	Interest	313378CR0	250,000.00	FHLB Note 2.25% Due 3/11/2022	0.00	2,812.50	2,812.50
09/11/2019	Interest	313378CR0	220,000.00	FHLB Note 2.25% Due 3/11/2022	0.00	2,475.00	2,475.00
09/11/2019	Maturity	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	125,000.00	1,437.50	126,437.50
09/11/2019	Maturity	06406HCW7	125,000.00	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	125,000.00	1,437.50	126,437.50
09/12/2019	Interest	313382K69	130,000.00	FHLB Note 1.75% Due 3/12/2021	0.00	1,137.50	1,137.50
09/13/2019	Interest	313378J77	200,000.00	FHLB Note 1.875% Due 3/13/2020	0.00	1,875.00	1,875.00
09/15/2019	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
09/15/2019	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

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09/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	11,663.61	260.42	11,924.03
09/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,170.04	128.39	2,298.43
09/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,838.17	168.40	7,006.57
09/16/2019	Interest	48126YN58	200,000.00	JP Morgan Chase Bank Callable NCD S/A 3/16/2019 2.9% Due 3/16/2023	0.00	2,923.84	2,923.84
09/16/2019	Interest	94986T4N4	100,000.00	Wells Fargo Callable Note Qtrly 9/16/2019 2.5% Due 9/16/2021	0.00	1,260.27	1,260.27
09/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,200.55	243.00	6,443.55
09/19/2019	Interest	38148PW86	110,000.00	Goldman Sachs Negotiable CD 3.35% Due 9/19/2023	0.00	1,842.50	1,842.50
09/20/2019	Maturity	17275RBG6	125,000.00	Cisco Systems Note 1.4% Due 9/20/2019	125,000.00	875.00	125,875.00
09/26/2019	Maturity	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	200,000.00	1,000.00	201,000.00
09/26/2019	Maturity	3130A9EP2	200,000.00	FHLB Note 1% Due 9/26/2019	200,000.00	1,000.00	201,000.00
09/27/2019	Interest	06740KKY2	130,000.00	Barclays Bank Delaware Negotiable CD 2.25% Due 9/27/2022	0.00	1,474.52	1,474.52
09/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,471.64	122.74	6,594.38
09/30/2019	Interest	9128282W9	220,000.00	US Treasury Note 1.875% Due 9/30/2022	0.00	2,062.50	2,062.50
09/30/2019	Interest	912828C57	175,000.00	US Treasury Note 2.25% Due 3/31/2021	0.00	1,968.75	1,968.75
09/30/2019	Interest	912828T34	215,000.00	US Treasury Note 1.125% Due 9/30/2021	0.00	1,209.38	1,209.38
09/30/2019	Interest	912828L65	200,000.00	US Treasury Note 1.375% Due 9/30/2020	0.00	1,375.00	1,375.00
09/30/2019	Interest	912828T34	200,000.00	US Treasury Note 1.125% Due 9/30/2021	0.00	1,125.00	1,125.00

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
SEP 2019					808,344.01	43,538.46	851,882.47
10/10/2019	Interest	02665WCQ2	140,000.00	American Honda Finance Note 3.625% Due 10/10/2023	0.00	2,537.50	2,537.50
10/15/2019	Interest	3130AF2D8	205,000.00	FHLB Note 2.86% Due 10/15/2020	0.00	2,931.50	2,931.50
10/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	11,265.48	242.73	11,508.21
10/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,845.40	161.17	7,006.57
10/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,173.24	125.19	2,298.43
10/17/2019	Maturity	3133EGYP4	200,000.00	FFCB Note 1.05% Due 10/17/2019	200,000.00	1,050.00	201,050.00
10/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,205.72	233.75	6,439.47
10/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,483.01	115.62	6,598.63
10/31/2019	Interest	912828X47	250,000.00	US Treasury Note 1.875% Due 4/30/2022	0.00	2,343.75	2,343.75
10/31/2019	Interest	912828VA5	200,000.00	US Treasury Note 1.125% Due 4/30/2020	0.00	1,125.00	1,125.00
10/31/2019	Interest	9128284L1	190,000.00	US Treasury Note 2.75% Due 4/30/2023	0.00	2,612.50	2,612.50
10/31/2019	Interest	9128283C2	220,000.00	US Treasury Note 2% Due 10/31/2022	0.00	2,200.00	2,200.00
10/31/2019	Interest	912828X47	200,000.00	US Treasury Note 1.875% Due 4/30/2022	0.00	1,875.00	1,875.00
10/31/2019	Interest	9128285K2	225,000.00	US Treasury Note 2.875% Due 10/31/2023	0.00	3,234.38	3,234.38
10/31/2019	Interest	912828L99	200,000.00	US Treasury Note 1.375% Due 10/31/2020	0.00	1,375.00	1,375.00
10/31/2019	Maturity	912828F62	230,000.00	US Treasury Note 1.5% Due 10/31/2019	230,000.00	1,725.00	231,725.00
OCT 2019					462,972.85	23,888.09	486,860.94

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/02/2019	Interest	3133EHP31	130,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,267.50	1,267.50
11/02/2019	Interest	3133EHP31	150,000.00	FFCB Note 1.95% Due 11/2/2021	0.00	1,462.50	1,462.50
11/03/2019	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
11/06/2019	Interest	037833AR1	200,000.00	Apple Inc Note 2.85% Due 5/6/2021	0.00	2,850.00	2,850.00
11/15/2019	Maturity	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	200,000.00	1,375.00	201,375.00
11/15/2019	Maturity	3130AA3R7	200,000.00	FHLB Note 1.375% Due 11/15/2019	200,000.00	1,375.00	201,375.00
11/15/2019	Maturity	29976DPF1	150,000.00	Everbank Negotiable CD 1.5% Due 11/15/2019	150,000.00	1,134.25	151,134.25
11/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	10,866.54	225.64	11,092.18
11/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,176.44	121.99	2,298.43
11/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,852.65	153.92	7,006.57
11/16/2019	Interest	05581WWZ4	200,000.00	BMO Harris Bank Callable NCD Qtrly 11/16/2018 2.6% Due 11/16/2021	0.00	1,300.00	1,300.00
11/16/2019	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
11/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,210.90	224.49	6,435.39
11/19/2019	Interest	857477AV5	125,000.00	State Street Bank Note 1.95% Due 5/19/2021	0.00	1,218.75	1,218.75
11/20/2019	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25
11/20/2019	Interest	747525AD5	125,000.00	Qualcomm Inc Note 2.25% Due 5/20/2020	0.00	1,406.25	1,406.25
11/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,494.41	108.48	6,602.89

Cash Flow Report

As of February 28, 2019



Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/30/2019	Interest	912828U65	140,000.00	US Treasury Note 1.75% Due 11/30/2021	0.00	1,225.00	1,225.00
11/30/2019	Interest	912828XD7	125,000.00	US Treasury Note 1.875% Due 5/31/2022	0.00	1,171.88	1,171.88
11/30/2019	Maturity	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	200,000.00	1,000.00	201,000.00
11/30/2019	Maturity	912828UB4	200,000.00	US Treasury Note 1% Due 11/30/2019	200,000.00	1,000.00	201,000.00
NOV 2019					982,600.94	22,589.40	1,005,190.34
12/08/2019	Interest	3133EGT47	200,000.00	FFCB Note 2.01% Due 12/8/2021	0.00	2,010.00	2,010.00
12/08/2019	Interest	3130A0F70	245,000.00	FHLB Note 3.375% Due 12/8/2023	0.00	4,134.38	4,134.38
12/09/2019	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
12/09/2019	Interest	02587DJ90	110,000.00	American Express Centurion Negotiable CD 2.25% Due 12/9/2020	0.00	1,240.89	1,240.89
12/09/2019	Interest	3130A3KM5	210,000.00	FHLB Note 2.5% Due 12/9/2022	0.00	2,625.00	2,625.00
12/10/2019	Interest	313379Q69	310,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	3,293.76	3,293.76
12/10/2019	Interest	02665WCP4	120,000.00	American Honda Finance Note 3.375% Due 12/10/2021	0.00	2,025.00	2,025.00
12/10/2019	Interest	313379Q69	170,000.00	FHLB Note 2.125% Due 6/10/2022	0.00	1,806.25	1,806.25
12/11/2019	Interest	3130A1W95	200,000.00	FHLB Note 2.25% Due 6/11/2021	0.00	2,250.00	2,250.00
12/11/2019	Interest	313379RB7	260,000.00	FHLB Note 1.875% Due 6/11/2021	0.00	2,437.50	2,437.50
12/14/2019	Interest	14042RGG0	250,000.00	CAPITAL ONE Negotiable CD 2.35% Due 6/14/2022	0.00	2,945.55	2,945.55
12/15/2019	Maturity	717081EB5	125,000.00	Pfizer Inc. Note 1.7% Due 12/15/2019	125,000.00	1,062.50	126,062.50

Cash Flow Report

As of February 28, 2019



Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
12/15/2019	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,859.90	146.67	7,006.57
12/15/2019	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	10,466.77	209.16	10,675.93
12/15/2019	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,179.65	118.78	2,298.43
12/17/2019	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
12/17/2019	Interest	3133EEY20	130,000.00	FFCB Note 2.4% Due 6/17/2022	0.00	1,560.00	1,560.00
12/17/2019	Interest	3133EJ3B3	205,000.00	FFCB Note 2.8% Due 12/17/2021	0.00	2,870.00	2,870.00
12/18/2019	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,216.07	215.23	6,431.30
12/19/2019	Interest	3133EJSD2	200,000.00	FFCB Note 2.89% Due 6/19/2023	0.00	2,890.00	2,890.00
12/23/2019	Interest	931142EJ8	125,000.00	Wal-Mart Stores Note 3.125% Due 6/23/2021	0.00	1,953.13	1,953.13
12/26/2019	Interest	931142EK5	125,000.00	Wal-Mart Stores Callable Note Cont 5/26/2023 3.4% Due 6/26/2023	0.00	2,125.00	2,125.00
12/27/2019	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,505.82	101.34	6,607.16
12/31/2019	Interest	912828XH8	200,000.00	US Treasury Note 1.625% Due 6/30/2020	0.00	1,625.00	1,625.00
12/31/2019	Maturity	912828UF5	200,000.00	US Treasury Note 1.125% Due 12/31/2019	200,000.00	1,125.00	201,125.00
DEC 2019					357,228.21	44,955.14	402,183.35
01/02/2020	Interest	3133EJTF6	200,000.00	FFCB Note 2.7% Due 7/2/2021	0.00	2,700.00	2,700.00
01/08/2020	Interest	24422ETZ2	140,000.00	John Deere Capital Corp Note 2.35% Due 1/8/2021	0.00	1,645.00	1,645.00
01/10/2020	Maturity	3133EG3J2	160,000.00	FFCB Note 1.55% Due 1/10/2020	160,000.00	1,240.00	161,240.00

Cash Flow Report

As of February 28, 2019



Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
01/10/2020	Maturity	3133EG3J2	145,000.00	FFCB Note 1.55% Due 1/10/2020	145,000.00	1,123.75	146,123.75
01/15/2020	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,182.87	115.56	2,298.43
01/15/2020	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,867.16	139.41	7,006.57
01/15/2020	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	10,066.18	193.29	10,259.47
01/17/2020	Interest	3133EJUS6	280,000.00	FFCB Note 2.875% Due 7/17/2023	0.00	4,025.00	4,025.00
01/18/2020	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,221.24	205.96	6,427.20
01/23/2020	Maturity	46625HKA7	125,000.00	JP Morgan Chase Callable Note Cont 12/23/2019 2.25% Due 1/23/2020	125,000.00	1,406.25	126,406.25
01/24/2020	Interest	91159HHP8	60,000.00	US Bancorp Callable Cont 12/23/2021 2.625% Due 1/24/2022	0.00	787.50	787.50
01/25/2020	Interest	46625HJH4	125,000.00	JP Morgan Chase Note 3.2% Due 1/25/2023	0.00	2,000.00	2,000.00
01/27/2020	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,517.25	94.19	6,611.44
01/30/2020	Maturity	94974BGF1	125,000.00	Wells Fargo Corp Note 2.15% Due 1/30/2020	125,000.00	1,343.75	126,343.75
01/30/2020	Maturity	87164WFD5	150,000.00	Synchrony Bank Negotiable CD 1.8% Due 1/30/2020	150,000.00	1,361.10	151,361.10
01/31/2020	Interest	9128283U2	235,000.00	US Treasury Note 2.375% Due 1/31/2023	0.00	2,790.63	2,790.63
01/31/2020	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00
01/31/2020	Interest	912828V72	220,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	2,062.50	2,062.50
01/31/2020	Interest	912828XM7	200,000.00	US Treasury Note 1.625% Due 7/31/2020	0.00	1,625.00	1,625.00
01/31/2020	Interest	912828WY2	200,000.00	US Treasury Note 2.25% Due 7/31/2021	0.00	2,250.00	2,250.00

Cash Flow Report

As of February 28, 2019



Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
01/31/2020	Interest	912828N89	200,000.00	US Treasury Note 1.375% Due 1/31/2021	0.00	1,375.00	1,375.00
01/31/2020	Interest	912828V72	200,000.00	US Treasury Note 1.875% Due 1/31/2022	0.00	1,875.00	1,875.00
01/31/2020	Interest	912828Y61	230,000.00	US Treasury Note 2.75% Due 7/31/2023	0.00	3,162.50	3,162.50
01/31/2020	Interest	9128283U2	230,000.00	US Treasury Note 2.375% Due 1/31/2023	0.00	2,731.25	2,731.25
JAN 2020					736,854.70	37,627.64	774,482.34
02/02/2020	Interest	3133EJBP3	325,000.00	FFCB Note 2.5% Due 2/2/2023	0.00	4,062.50	4,062.50
02/06/2020	Interest	44932HAH6	150,000.00	IBM Credit Corp Note 3% Due 2/6/2023	0.00	2,250.00	2,250.00
02/07/2020	Interest	40428HPV8	160,000.00	HSBC USA Inc Note 2.75% Due 8/7/2020	0.00	2,200.00	2,200.00
02/08/2020	Interest	795450K53	110,000.00	Sallie Mae Bank Negotiable CD 2.65% Due 2/8/2023	0.00	1,469.48	1,469.48
02/12/2020	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
02/15/2020	Maturity	22160KAG0	125,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	125,000.00	1,093.75	126,093.75
02/15/2020	Maturity	22160KAG0	250,000.00	Costco Wholesale Corp Note 1.75% Due 2/15/2020	250,000.00	2,187.50	252,187.50
02/15/2020	Paydown	47788BAD6	250,000.00	John Deere Owner Trust 2017-B A3 1.82% Due 10/15/2021	9,664.76	178.02	9,842.78
02/15/2020	Paydown	02582JHE3	100,000.00	American Express Credit 2017-3 A 1.77% Due 11/15/2022	2,186.09	112.34	2,298.43
02/15/2020	Paydown	161571HF4	200,000.00	Chase CHAIT 2016-A5 1.27% Due 7/15/2021	6,874.43	132.14	7,006.57
02/16/2020	Interest	05581WWZ4	200,000.00	BMO Harris Bank Callable NCD Qtrly 11/16/2018 2.6% Due 11/16/2021	0.00	1,374.17	1,374.17
02/18/2020	Interest	3130A7CV5	200,000.00	FHLB Note 1.375% Due 2/18/2021	0.00	1,375.00	1,375.00

Cash Flow Report

As of February 28, 2019



Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
02/18/2020	Interest	857477AS2	125,000.00	State Street Bank Note 2.55% Due 8/18/2020	0.00	1,593.75	1,593.75
02/18/2020	Paydown	43814PAC4	200,000.00	Honda Auto Receivables Owner T 17-3 A3 1.79% Due 9/20/2021	6,226.43	196.68	6,423.11
02/19/2020	Interest	459200JF9	150,000.00	IBM Corp Note 2.25% Due 2/19/2021	0.00	1,687.50	1,687.50
02/27/2020	Paydown	65478VAD9	150,170.51	NAROT 2016-B A3 1.32% Due 1/15/2021	6,528.72	87.01	6,615.73
FEB 2020					406,480.43	21,159.29	427,639.72
TOTAL					6,137,295.36	538,632.62	6,675,927.98



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Custody: Your qualified custodian bank maintains control of all assets reflected in this statement and we urge you to compare this statement to the one you receive from your qualified custodian. Chandler does not have any authority to withdraw or deposit funds from/to the custodian account.

Valuation: 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.

Performance: Performance results are presented gross-of-advisory fees and represent the client's Total Return. The deduction of advisory fees lowers performance results. These results include the reinvestment of dividends and other earnings. Past performance may not be indicative of future results. Therefore, clients should not assume that future performance of any specific investment or investment strategy will be profitable or equal to past performance levels. All investment strategies have the potential for profit or loss. Economic factors, market conditions or changes in investment strategies, contributions or withdrawals may materially alter the performance and results of your portfolio.

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Ratings: Ratings information have been provided by Moody's, S&P and Fitch through data feeds we believe to be reliable as of the date of this statement, however we cannot guarantee its accuracy.

Security level ratings for U.S. Agency issued mortgage-backed securities ("MBS") reflect the issuer rating because the securities themselves are not rated. The issuing U.S. Agency guarantees the full and timely payment of both principal and interest and carries a AA+/Aaa/AAA by S&P, Moody's and Fitch respectively.

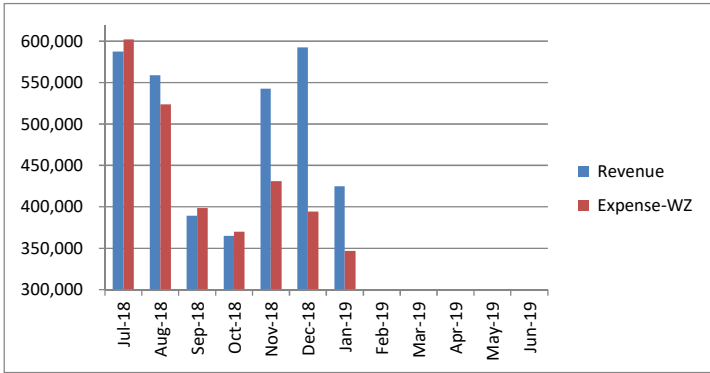
Wholesale Zone Financial Summary

For Period Ending January 31, 2019

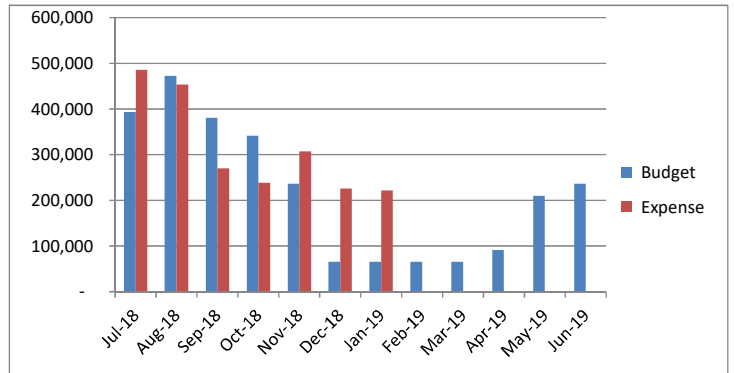
YTD Operating Income \$ 3,460,271

YTD Operating Expense \$ 3,066,593

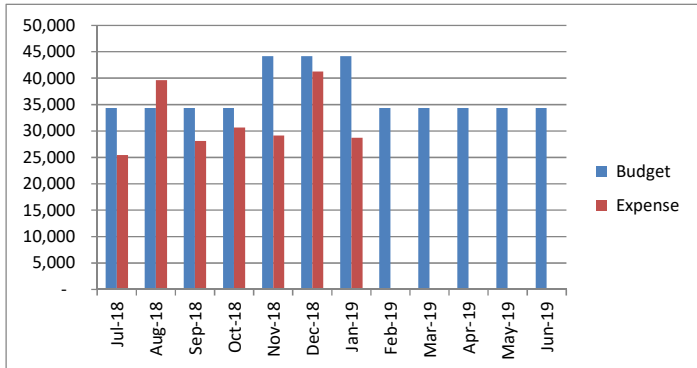
Revenue vs. Expenses



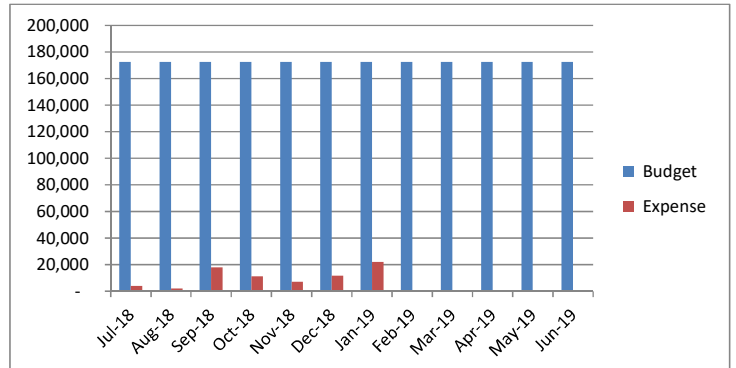
Water Purchased Budget vs. Actual



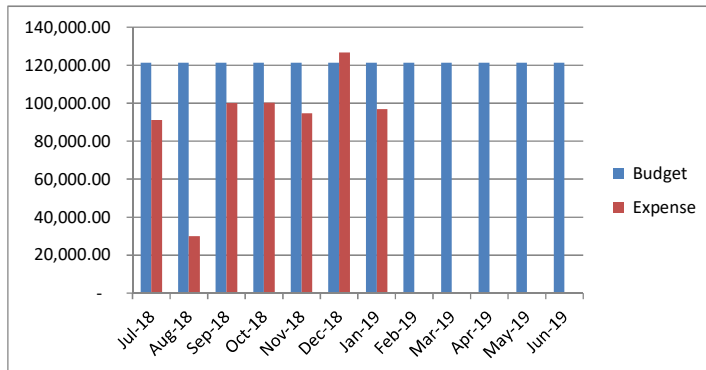
Salaries & Benefits Budget vs. Actual



CIP Budget & Actual



O&M Budget vs. Actual



WHOLESALE ZONE

EAST ORANGE COUNTY WATER DISTRICT
2018-2019 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
MONTH: January 2019

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	OPERATING REVENUE:					
2	WATER SALES	221,344	2,204,037	2,625,000	(420,963)	84%
3	MET/MWDOC FIXED CHARGES	34,835	302,286	517,750	(215,464)	58%
4	EOCWD FIXED CHARGES	42,878	300,145	490,000	(189,855)	61%
5	OTHER CHARGES	184	1,291	7,350	(6,059)	18%
6	TOTAL OPERATING REVENUE:	299,241	2,807,759	3,640,100	(832,341)	77%
7	NON-OPERATING REVENUES (EXPENSES):					
8	PROPERTY TAXES*	90,847	509,752	749,850	(240,098)	68%
9	RENTAL INCOME - CELLULAR ANTENNAS	5,043	67,777	100,000	(32,223)	68%
10	INTEREST & INVESTMENT EARNINGS	29,554	71,667	32,000	39,667	224%
11	MISCELLENIOUS INCOME (EXPENSE)	242	3,316	600	2,716	553%
12	TOTAL NON-OPERATING REVENUES, NET	125,684	652,512	882,450	(229,938)	74%
13	TOTAL REVENUES	424,926	3,460,271	4,522,550	(1,062,279)	77%

* The majority of property taxes are received in December and April, causing budget percentages to be uneven.

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
14	OPERATING EXPENSE:					
15	SOURCE OF SUPPLY	221,340	2,203,534	2,625,000	(421,467)	84%
16	MET/MWDOC FIXED CHARGE	39,742	307,777	523,000	(215,223)	59%
17	ENERGY	53	738	2,700	(1,962)	27%
18	OPERATIONS & MAINTENANCE	47,076	294,651	618,980	(324,329)	48%
19	GENERAL & ADMINISTRATIVE	31,212	186,883	498,070	(311,187)	38%
20	TRANSFER TO CAPITAL PROJECTS EXPENSE & RESERVES	21,233	148,633	254,800	(106,167)	58%
21	MARKET VALUE ADJUSTMENT ON INVESTMENTS	(13,589)	(10,366)	-	(10,366)	0%
22	TOTAL OPERATING EXPENSE	347,068	3,131,849	4,522,550	(1,390,701)	69%
23	NET INCOME (LOSS) FROM OPERATIONS	77,858	328,422	-	328,422	
24	PRIOR YEARS INCOME (EXPENSES)	-	65,256	-	-	0%
25	NET INCOME (LOSS)	77,858	393,678	-	328,422	

WHOLESALE ZONE
January 2019 Variance Report - 58% of Budget Year

Account Name	Line #	YTD Amount (\$)	% Received or Spent	Comments
Operating				
(New)				
<u>Revenue:</u>				
<u>Expense:</u>				
(Ongoing)				
<u>Revenue:</u>				
PRIOR YEARS INCOME (EXPENSES)	121	65,255.60	0%	YTD balance due to desalter adjustment from MWDOC for 07/16 - 09/16.
MISCELLANEOUS INCOME	24	3,316.17	553%	YTD is over budget due to increased recycling revenues.
<u>Expense:</u>				
WATER PURCHASES-EOCF#2 OC48	29	387,061.50	246%	YTD is over budget due to higher water purchases coming from OC48 instead of other feeders
MET-MWDOC CHOICE BUDGET	30	5,490.42	105%	YTD is over budget due to MWDOC Choice billing in full in August, which came in slightly over budget.
				YTD is overbudget due to a \$23.3K Invoice from Applied Diving Service for inspection & cleaning of three
RESERVOIRS-REPAIR AND MAINTENANCE	45	25,410.84	1016%	reservoirs
SOUTHERN CALIFORNIA WATER COMMITTEE	88	1,180.00	236%	YTD is over budget due to higher So. Cal Water Committee costs than anticipated.
Capital Projects				
(New)				
<u>Revenue:</u>				

EAST ORANGE COUNTY WATER DISTRICT

WHOLESALE ZONE
MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 WATER SALES	221,344	2,204,037	2,625,000	(420,963)	84%
2 METER CHARGE	184	1,291	1,000	291	129%
3 LATE CHARGE	-	-	100	(100)	0%
4 NEW CONNECTION FEES	-	-	1,000	(1,000)	0%
5 EOCWD RESERVE FUND CHARGE	28,080	196,560	315,000	(118,440)	62%
6 EOCWD READINESS TO SERVE CHARGE	14,798	103,585	175,000	(71,415)	59%
7 MWDOC FEE	21,326	149,284	267,750	(118,466)	56%
8 MET READINESS TO SERVE CHARGE	6,314	78,774	140,000	(61,226)	56%
9 MET CAPACITY CHARGE	7,195	74,228	110,000	(35,772)	67%
10 MWDOC CHOICE-WS	-	-	5,250	(5,250)	0%
11 TOTAL OPERATING REVENUE:	299,241	2,807,759	3,640,100	(832,341)	77%
12 NON OPERATING INCOME					
13 INTEREST EARNED-LAIF	28,183	52,608	9,000	43,608	585%
14 INTEREST EARNED - RAYMOND JAMES	1,371	19,059	23,000	(3,941)	83%
15 TAXES-SECURED	17,628	412,055	700,000	(287,945)	59%
16 TAXES-UNSECURED	5,157	19,017	21,500	(2,483)	88%
17 TAXES-SUPPLEMENTAL ROLL	3,885	10,573	10,800	(227)	98%
18 TAXES-PRIOR YEARS	366	3,682	5,000	(1,318)	74%
19 TAXES-HOMEOWNER SUBVENTION	1,436	2,051	3,550	(1,499)	58%
20 TAXES-PUBLIC UTILITY	7,665	7,665	9,000	(1,335)	85%
21 TAXES-RDA	51,904	51,904	-	51,904	0%
22 TAXES-MISC.	2,806	2,806	-	2,806	0%
22 RENT INCOME-CELL TOWER	5,043	36,986	55,000	(18,014)	67%
23 RENT INCOME-CROWN CASTLE	-	30,791	45,000	(14,209)	68%
24 MISCELLANEOUS INCOME	242	3,316	600	2,716	553%
25 Total NON OPERATING INCOME:	125,684	652,512	882,450	(229,938)	74%
26 TOTAL REVENUES	424,926	3,460,271	4,522,550	(1,062,279)	77%

* The majority of property taxes are received in December and April, causing budget percentages to be uneven.

EXPENSES

27 WATER PURCHASES-OC70	213,990	1,778,004	1,968,750	(190,747)	90%
28 WATER PURCHASES-EOCF#2 OC43	-	38,469	498,750	(460,282)	8%
29 WATER PURCHASES-EOCF#2 OC48	7,350	387,062	157,500	229,562	246%
30 MET-MWDOC CHOICE BUDGET	-	5,490	5,250	240	105%
31 MET READINESS TO SERVE CHARGE	11,221	78,774	140,000	(61,226)	56%
32 MET CAPACITY CHARGE	7,195	74,228	110,000	(35,772)	67%
33 MWDOC FEE	21,326	149,284	267,750	(118,466)	56%
34 UTILITY- SCADA RTU	53	738	2,700	(1,962)	27%
35 SMALL TOOLS	327	1,977	3,800	(1,823)	52%
36 GASOLINE, OIL & DIESEL FUEL	758	4,170	6,000	(1,830)	70%
37 REGULATORY PERMITS	-	8,110	9,000	(890)	90%
38 WATER QUALITY TESTING	6,532	14,733	26,000	(11,267)	57%
39 SCADA R/M	-	205	9,905	(9,700)	2%
40 OPERATIONS SOFTWARE	416	2,912	15,000	(12,088)	19%
41 PRODUCTION METER PURCHASES AND INSTALLATIONS	-	388	15,000	(14,612)	3%
42 PRV-REPAIR AND MAINTENANCE	-	-	5,400	(5,400)	0%
43 MAINS-REPAIR AND MAINTENANCE	7,162	14,538	26,000	(11,462)	56%

EAST ORANGE COUNTY WATER DISTRICT

WHOLESALE ZONE
MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
44 SERVICE CONNECTIONS-REPAIR AND MAINTENANCE	-	-	1,550	(1,550)	0%
45 RESERVOIRS-REPAIR AND MAINTENANCE	275	25,411	2,500	22,911	1016%
46 VAULTS-REPAIR AND MAINTENANCE	-	1,376	10,700	(9,324)	13%
47 CATHODIC PROTECTION	279	1,808	26,500	(24,692)	7%
48 EOCF # 2 MAINTENANCE AND OPERATIONS	3,909	27,364	52,500	(25,136)	52%
49 METER TESTING	57	1,799	8,000	(6,201)	22%
50 SAC LINE R&M	202	1,411	26,000	(24,590)	5%
51 EQUIPMENT RENTAL	2,611	14,376	21,000	(6,624)	68%
52 EQUIPMENT MAINTENANCE	4	198	3,800	(3,602)	5%
53 VEHICLE MAINTENANCE	-	1,178	3,050	(1,872)	39%
54 MAINTENANCE-BUILDINGS AND GROUNDS	2,467	3,704	4,000	(296)	93%
55 WAGES	20,457	165,741	323,125	(157,384)	51%
56 PAYROLL TAXES- FICA & MEDICARE	1,443	9,994	17,500	(7,506)	57%
57 PERS CLASSIC (ER PAID)	1,246	10,048	21,100	(11,052)	48%
58 PERS PEPRA (ER PAID)	326	2,145	4,700	(2,555)	46%
59 PERS UNFUNDED	602	4,244	7,725	(3,481)	55%
60 PAYROLL TAXES- SUI & ETT	150	421	1,100	(679)	38%
61 HEALTH & ACCIDENT INSURANCE	3,691	24,870	52,790	(27,920)	47%
62 DENTAL INSURANCE	190	1,310	4,225	(2,915)	31%
63 VISION INSURANCE	52	355	740	(385)	48%
64 LIFE INSURANCE	7	76	320	(244)	24%
65 WORKER'S COMPENSATION INSURANCE	453	3,117	6,000	(2,883)	52%
66 EDUCATIONAL REIMBURSEMENT	-	194	5,000	(4,806)	4%
67 UNIFORMS	72	581	2,400	(1,819)	24%
68 ELECTRIC AND WATER-OFFICE	147	1,302	3,500	(2,198)	37%
69 DUMPSTER	36	251	500	(249)	50%
70 MCPHERSON FAX	12	82	630	(548)	13%
71 MCPHERSON INTERNET	43	346	2,000	(1,654)	17%
72 MCPHERSON OFFICE PHONES	6	45	3,000	(2,955)	2%
73 DISTRICT WEBSITE	67	471	3,000	(2,529)	16%
74 ANSWERING SERVICE	11	76	215	(139)	35%
75 CELLPHONES	224	1,388	2,000	(612)	69%
76 CONTROL SYSTEM COMMUNICATIONS	363	2,342	7,000	(4,658)	33%
77 TRAINING / SCHOOLS	(125)	1,211	7,000	(5,789)	17%
78 CONSERVATION EXPENSE	851	2,048	15,500	(13,452)	13%
79 CONFERENCE AND MEETING EXPENSES	451	5,910	10,000	(4,090)	59%
80 MILEAGE	-	181	700	(519)	26%
81 MEETING EXPENSES	55	811	2,300	(1,489)	35%
82 ACWA	438	3,065	4,000	(935)	77%
83 ORANGE COUNTY WATER WORKS ASSOCIATION	-	46	50	(4)	92%
84 AMERICAN WATER WORKS ASSOCIATION	18	123	250	(128)	49%
85 FOOTHILL COMMUNITIES ASSOCIATION	-	-	50	(50)	0%
86 CALIFORNIA SPECIAL DISTRICT ASSOCIATION	151	1,023	4,000	(2,977)	26%
87 ISDOC / URBAN WATER INSTITUTE	21	171	1,000	(829)	17%
88 SOUTHERN CALIFORNIA WATER COMMITTEE	-	1,180	500	680	236%
89 CWSA	625	625	-	625	0%
90 ACC-OC	172	1,202	2,000	(798)	60%
91 POSTAGE	33	329	2,000	(1,671)	16%
92 OFFICE SUPPLY/FURN/SMALL EQUIP	67	2,426	10,000	(7,574)	24%
93 PUBLIC INFORMATION & LEGAL NOTICES	3,939	11,454	35,000	(23,546)	33%
94 RECORDS MANAGEMENT	44	703	4,000	(3,297)	18%
95 OFFICE EQUIPMENT MAINTENANCE	-	543	2,000	(1,457)	27%

EAST ORANGE COUNTY WATER DISTRICT

WHOLESALE ZONE
MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
96 OUTSIDE SERVICES	1,715	15,754	42,000	(26,246)	38%
97 AUDIT	836	4,036	8,000	(3,964)	50%
98 TAX COLLECTION FEES	86	1,115	5,000	(3,885)	22%
99 TREASURER	583	4,083	7,000	(2,917)	58%
100 ACCOUNTING	2,263	11,139	25,500	(14,361)	44%
101 LEGAL	4,196	20,757	45,000	(24,243)	46%
102 COMPUTER CONSULTING	-	7,142	15,000	(7,858)	48%
103 ENGINEERING	4,703	12,975	45,000	(32,025)	29%
104 LAFCO	549	3,843	7,000	(3,157)	55%
105 UNDERGROUND SERVICE ALERT	23	314	625	(311)	50%
106 BANK CHARGES	77	207	2,000	(1,793)	10%
107 INSURANCE-AUTO & GENERAL LIABILITY	1,094	6,725	13,000	(6,275)	52%
108 INSURANCE-PROPERTY	169	1,185	3,700	(2,515)	32%
109 INSURANCE-FIDELITY BOND	-	-	300	(300)	0%
110 SAFETY	257	1,318	2,800	(1,482)	47%
111 ELECTION EXPENSE	-	-	40,000	(40,000)	0%
112 MISCELLANEOUS EXPENSE	-	-	500	(500)	0%
113 DIRECTOR'S FEES-DULEBOHN	100	842	2,500	(1,658)	34%
114 DIRECTOR'S FEES-BELL	100	700	2,500	(1,800)	28%
115 DIRECTOR'S FEES-EVERETT	58	350	2,500	(2,150)	14%
116 DIRECTOR'S FEES-SEARS	142	942	2,500	(1,558)	38%
117 TRANS TO CAPITAL PROJECTS	20,300	142,100	243,600	(101,500)	58%
118 FUNDED TO (BY) RESERVES	933	6,533	11,200	(4,667)	58%
119 TOTAL EXPENSES	347,068	3,131,849	4,522,550	(1,390,701)	69%
120 NET INCOME (LOSS) FROM OPERATIONS:	77,858	328,422	-	328,422	-
121 PRIOR YEARS INCOME (EXPENSES)	-	65,256	-	-	-
122 NET INCOME (LOSS)	77,858	393,678	-	328,422	-

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

2018-2019 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

MONTH: January 2019

REVENUE		MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	FUNDS PROVIDED BY RESERVE	-	-	7,070,295	(7,070,295)	0%
2	CAPITAL PROJECTS REVENUE					
3	PROJECTED CONNECTION FEES	3,559	15,932	10,000	5,932	159%
4	CAPITAL REIMBURSEMENTS	24	171	-	171	0%
5	INTEREST EARNINGS	20,912	39,575	17,000	22,575	233%
6	TRANSFER FROM OPERATING EXPENSES	21,233	148,633	254,800	(106,166)	58%
7	PROCEEDS FROM GRANTS	-	-	350,000	(350,000)	0%
8	TOTAL CAPITAL PROJECTS REVENUE	45,729	204,312	7,702,095	(7,497,782)	-
EXPENSES		MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
9	CAPITAL PROJECTS EXPENSE					
10	MASTER PLAN AND CONDITION ASSESSMENT	-	2,170	40,000	(37,830)	5%
11	185 N. McPHERSON SITE IMPROVEMENTS	45	4,470	310,000	(305,530)	1%
12	WATER LOSS CONTROL PROGRAM	-	-	15,000	(15,000)	0%
12	PIPELINE CONDITION ASSESSMENT	-	-	50,000	(50,000)	0%
13	SECURITY GATE @ 6 MG SITE	-	-	22,000	(22,000)	0%
14	SECURITY SYSTEM @ PETER'S CANYON RESERVOIR	-	-	22,000	(22,000)	0%
15	FLOW METERING	11,610	14,230	73,000	(58,770)	19%
16	NEW FIELD TRUCK FOR OPERATIONS	-	-	45,000	(45,000)	0%
17	6 MG TREATMENT PLANT	6,927	35,300	615,000	(579,700)	6%
18	SECURITY-ANDRES RESERVOIR	-	-	11,000	(11,000)	0%
19	VALVE REPLACEMENT (12" - 27")	-	-	75,000	(75,000)	0%
20	TURNOUT REPAIRS (WALNUT)	-	-	260,000	(260,000)	0%
21	LOW DEMAND WATER QUALITY STUDY	3,461	17,033	110,000	(92,967)	15%
22	SEDARU IMPROVEMENTS	-	-	5,000	(5,000)	0%
23	SCADA SYSTEM IMPROVEMENTS	-	-	100,000	(100,000)	0%
24	RECORDS MANAGEMENT	-	3,246	7,500	(4,254)	43%
25	ETHEL BEE TURNOUT REHABILITATION/REPLACEMENT	-	-	64,500	(64,500)	0%
26	CHANDLER RANCH TURNOUT REHABILITATION	-	12	20,000	(19,988)	0%
27	HAZARD MITIGATION PLAN	-	110	200,000	(199,890)	0%
28	CATHODIC PROTECTION & MONITORING PROGRAM	-	-	25,000	(25,000)	0%
29	TOTAL CAPITAL PROJECTS EXPENSE	22,043	76,570	2,070,000	(1,993,430)	4%
30	NET INCOME (LOSS) FROM CAPITAL PROJECTS	23,686	127,741	5,632,095	(5,504,353)	2%
31	PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
32	NET INCOME (LOSS) FROM CAPITAL PROJECTS	23,686	127,741	5,632,095	(5,504,353)	-

EAST ORANGE COUNTY WATER DISTRICT**Capital Projects Detail**

WHOLESALE ZONE

MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 FUNDED BY RESERVES	-	-	7,070,295	(7,070,295)	0%
2 PROJECTED CONNECTION FEES	3,559	15,932	10,000	5,932	159%
3 CAPITAL REIMBURSEMENTS	24	171	-	171	0%
4 INTEREST-LAIF-CAP	20,912	39,575	17,000	22,575	233%
5 TRANSFER FROM WZ OPERATIONS EXPENSES	933	6,533	11,200	(4,667)	58%
6 TRANSFER FROM CAPITAL RESERVES	20,300	142,100	243,600	(101,500)	58%
7 PROCEEDS FROM GRANTS	-	-	350,000	(350,000)	0%
8 TOTAL CAPITAL PROJECTS REVENUE:	45,729	204,312	7,702,095	(7,497,783)	-
EXPENSES					
9 MASTER PLAN AND CONDITION ASSESSMENT	-	2,170	40,000	(37,830)	5%
10 185 N. MCPHERSON SITE PLANNING/ENGINEERING	45	4,470	100,000	(95,530)	4%
11 185 N. MCPHERSON SITE IMPROVEMENTS - CON.	-	-	200,000	(200,000)	0%
12 185 N. MCPHERSON SITE IMPROVEMENTS - LABOR	-	-	10,000	(10,000)	0%
13 WATER LOSS CONTROL PROGRAM (WSO)	-	-	15,000	(15,000)	0%
14 PIPELINE CONDITION ASSESSMENT	-	-	50,000	(50,000)	0%
15 SECURITY GATE AT 6 MG SITE-CONST (WZ PORTION)	-	-	20,000	(20,000)	0%
16 SECURITY GATE AT 6 MG SITE-LABOR (WZ PORTION)	-	-	2,000	(2,000)	0%
17 SECURITY SYSTEM @ PETERS CANYON RESERVOIR-CON.	-	-	20,000	(20,000)	0%
18 SECURITY SYSTEM @ PETERS CANYON RESERVOIR-LABOR	-	-	2,000	(2,000)	0%
19 FLOW METERING - ENGINEERING	-	2,620	2,000	620	131%
20 FLOW METERING - CONSTRUCTION	11,610	11,610	65,000	(53,390)	18%
21 FLOW METERING -LABOR	-	-	6,000	(6,000)	0%
22 NEW TRUCK FOR FIELD OPERATIONS	-	-	45,000	(45,000)	0%
23 6 MG TREATMENT PLANT -ENGINEERING/INSTUTIONAL	1,260	14,480	250,000	(235,520)	6%
24 6 MG TREATMENT PLANT CEQA	-	1,455	260,000	(258,545)	1%
25 6 MG TREATMENT PLANT - PRELIMINARY DESIGN	1,967	15,665	50,000	(34,335)	31%
26 6 MG TREATMENT PLANT -DESIGN BUILD	-	-	50,000	(50,000)	0%
27 6 MG TREATMENT PLANT -LABOR	3,700	3,700	5,000	(1,300)	74%
28 SECURITY -ANDRES RESERVOIR-ENGINEERING	-	-	1,000	(1,000)	0%
29 SECURITY - ANDRES RESERVOIR-CONSTRUCTION	-	-	5,000	(5,000)	0%
30 SECURITY -ANDRES RESERVOIR-LABOR	-	-	5,000	(5,000)	0%
31 VALVE REPLACEMENTS (12" - 27")-ENGINEERING	-	-	5,000	(5,000)	0%
32 VALVE REPLACEMENTS (12" - 27")-CONSTRUCTION	-	-	55,000	(55,000)	0%
33 VALVE REPLACEMENTS (12" - 27")-LABOR	-	-	15,000	(15,000)	0%
34 WZ TURNOUT REPAIRS- (WALNUT) - CONSTRUCTION	-	-	200,000	(200,000)	0%
35 WZ TURNOUT REPAIRS (WALNUT) - LABOR	-	-	10,000	(10,000)	0%
36 WZ TURNOUT REPAIRS- (WALNUT) - ENGINEERING	-	-	50,000	(50,000)	0%
37 WZ LOW DEMAND WATER QUALITY STUDY	3,461	17,033	110,000	(92,967)	15%
38 SEDARU IMPROVEMENTS	-	-	5,000	(5,000)	0%
39 SCADA SYSTEM IMPROVEMENTS	-	-	100,000	(100,000)	0%
40 RECORDS MANAGEMENT IMPLEMENTATION	-	3,246	7,500	(4,254)	43%
41 ETHELBEE TURNOUT REHAB./REPLACE-ENGINEERING	-	-	15,000	(15,000)	0%
42 ETHELBEE TURNOUT REHAB./REPLACE-CONSTRUCTION	-	-	45,000	(45,000)	0%
43 ETHELBEE TURNOUT REHAB./REPLACE-LABOR	-	-	4,500	(4,500)	0%
44 CHANDLER RANCH TURNOUT REHABILITATION-CON.	-	12	15,000	(14,988)	0%
45 CHANDLER RANCH TURNOUT REHABILITATION-LABOR	-	-	5,000	(5,000)	0%
46 HAZARD MITIGATION PLAN	-	110	200,000	(199,890)	0%
47 CATHODIC PROTECTION & MONITORING PROGRAM	-	-	25,000	(25,000)	0%

EAST ORANGE COUNTY WATER DISTRICT
Capital Projects Detail

WHOLESALE ZONE
MONTH: January 2019

DESCRIPTION		MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
48	TOTAL CAPITAL PROJECTS EXPENSE:	22,043	76,570	2,070,000	(1,993,430)	4%
49	NET INCOME (LOSS) FROM CAPITAL PROJECTS	23,686	127,741	5,632,095	(5,504,354)	-

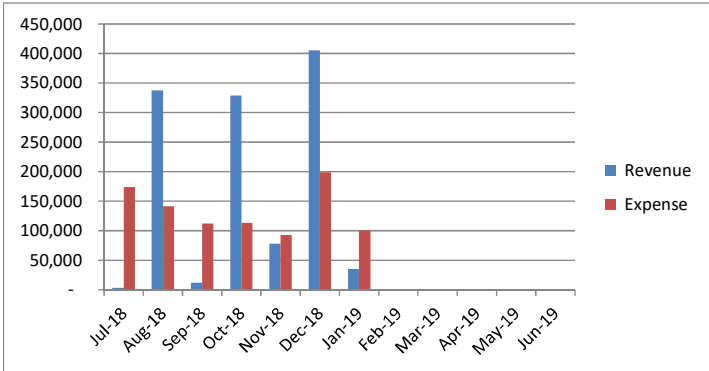
Retail Zone Financial Summary

For Period Ending January 31, 2019

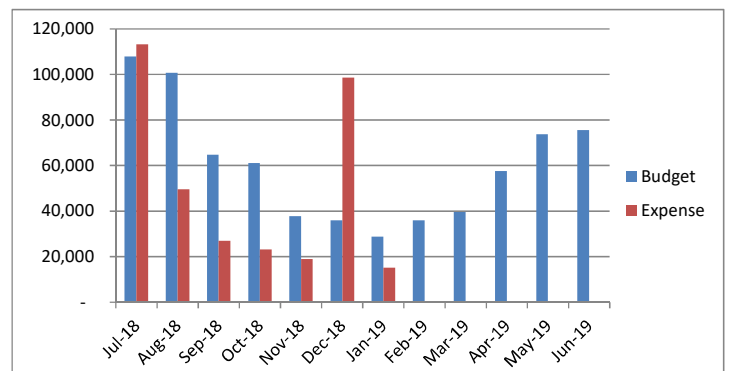
YTD Operating Income \$ 1,200,379

YTD Operating Expense \$ 932,397

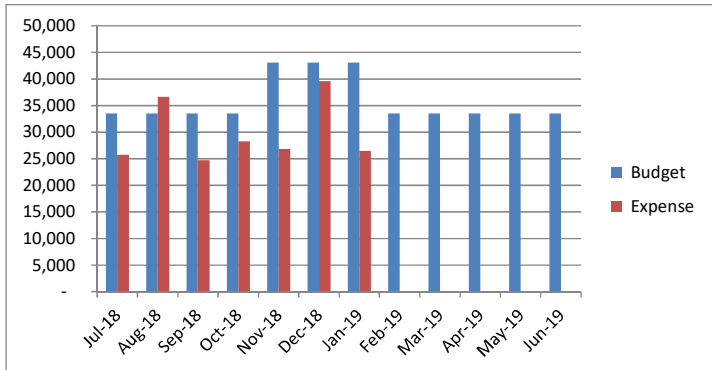
Revenue vs Expenses



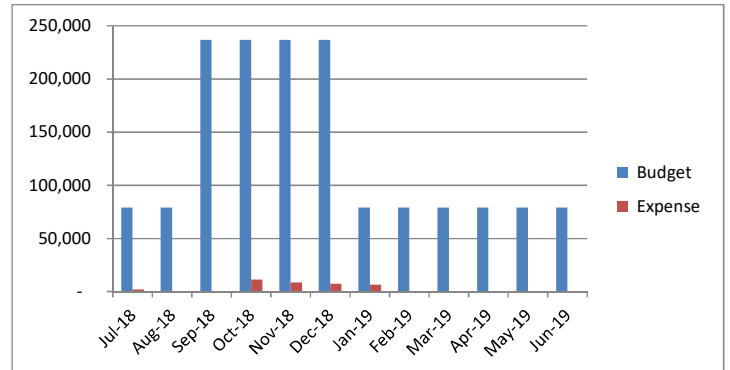
Water Purchased Budget vs. Actual



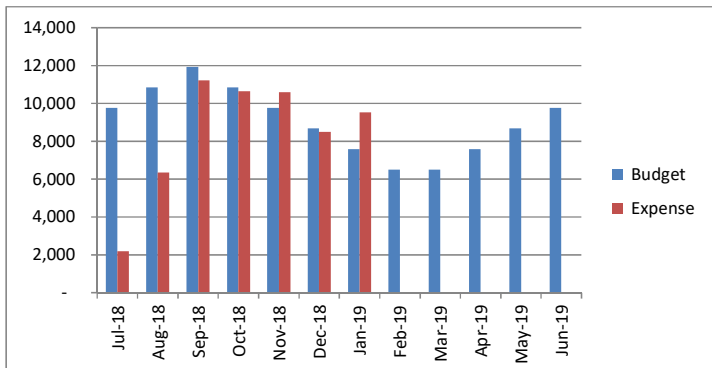
Salaries & Benefits Budget vs. Actual



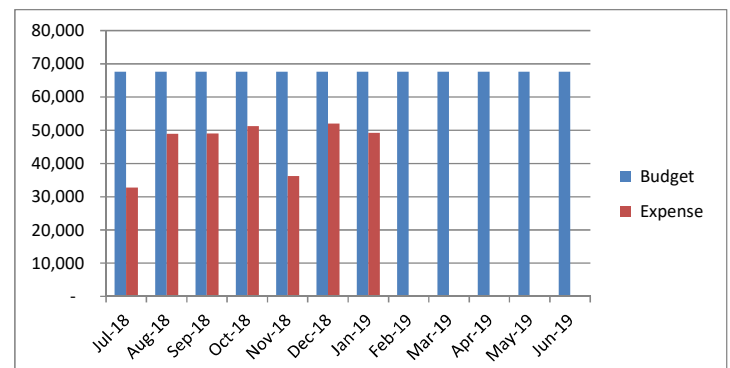
CIP Budget vs. Actual



Electrical Budget vs. Actual



O&M Budget vs. Actual



RETAIL ZONE

EAST ORANGE COUNTY WATER DISTRICT
2018-2019 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
MONTH: January 2019

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	OPERATING REVENUE:					
2	WATER SALES	42	681,782	1,189,575	(507,793)	57%
3	METER CHARGE	75	229,158	450,000	(220,842)	51%
4	OTHER CHARGES	1,970	8,366	10,600	(2,234)	79%
5	TOTAL OPERATING REVENUE:	2,087	919,306	1,650,175	(730,869)	56%
6	NON-OPERATING REVENUE:					
7	PROPERTY TAXES*	20,286	254,736	415,100	(160,364)	61%
8	INTEREST & INVESTMENT EARNINGS	13,162	25,609	4,100	21,509	625%
9	MISCELLANEOUS INCOME	-	729	500	229	146%
10	DISPOSAL OF ASSET GAIN (LOSS)	-	-	-	-	0%
11	TOTAL NON-OPERATING REVENUES, NET	33,447	281,073	419,700	(138,627)	67%
12	TOTAL REVENUES	35,535	1,200,379	2,069,875	(869,496)	58%

* The majority of property taxes are received in December and April, causing budget percentages to be uneven.

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
13	OPERATING EXPENSE:					
14	SOURCE OF SUPPLY	10,393	309,342	586,505	(277,163)	53%
15	MET/MWDOC PIPELINE CAPACITY LEASE	1,072	10,401	61,500	(51,099)	17%
16	MET/MWDOC FIXED CHARGE	1,231	8,618	14,000	(5,382)	62%
17	MET/MWDOC CHOICE	-	-	26,300	(26,300)	0%
18	WZ FIXED CHARGE	2,462	17,236	31,300	(14,064)	55%
19	ENERGY	9,392	57,535	104,000	(46,465)	55%
20	OPERATIONS & MAINTENANCE	37,069	252,720	603,265	(350,545)	42%
21	GENERAL & ADMINISTRATIVE	24,442	176,004	470,650	(294,646)	37%
22	TRANSFER TO CAPITAL PROJECTS EXPENSE	10,196	71,374	122,355	(50,981)	58%
23	RETAIL OPERATIONS CONTINGENCY FUND	4,167	29,167	50,000	(20,833)	58%
24	TOTAL OPERATING EXPENSE	100,424	932,397	2,069,875	(1,137,478)	45%
25	NET INCOME (LOSS) FROM OPERATIONS	(64,889)	267,983	-	267,983	-
26	PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
27	NET INCOME (LOSS)	(64,889)	267,983	-	267,983	-

RETAIL ZONE

January 2019 Variance Report - 58%

Account Name	Line #	YTD Amount (\$)	% Received or Spent	Comments
Operating				
(New)				
<u>Revenue:</u>				
<u>Expense:</u>				
(Ongoing)				
<u>Revenue:</u>				
INTEREST EARNED-MONEY MARKET	9	504.68	505%	YTD is over budget due to higher interest rates than expected
INTEREST EARNED-LAIF	10	25,103.90	628%	YTD is over budget due to higher interest rates than expected
<u>Expense:</u>				
CHLORINE GENERATOR MAINTENANCE	41	6,558.59	109%	YTD overbudget due to increased maintenance costs for Chlorine Generator - including a new pump, new circuit board & new float switch.
Capital Projects				
(New)				
<u>Revenue:</u>				
INTEREST-LAIF-CAP	4	10,703.10	214%	YTD is over budget due to higher interest rates than expected
<u>Expense:</u>				
(Ongoing)				
<u>Revenue:</u>				
CONNECTION FEES	3	9,508.00	190%	YTD is over budget due to \$9K in connection fees collected in August.
<u>Expense:</u>				

EAST ORANGE COUNTY WATER DISTRICT

RETAIL ZONE
MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 WATER SALES	42	681,782	1,189,575	(507,793)	57%
2 METER CHARGES	75	229,158	450,000	(220,842)	51%
3 LATE CHARGES	1,940	6,474	11,000	(4,526)	59%
4 RETURNED CHECK CHARGES	30	683	1,000	(317)	68%
5 TURN-OFF CHARGES	-	-	600	(600)	0%
7 UNCOLLECTIBLE ACCOUNTS	-	-	(2,000)	2,000	0%
8 TOTAL OPERATING REVENUE	2,087	919,306	1,650,175	(730,869)	56%
NON-OPERATING INCOME					
9 INTEREST EARNED-MONEY MARKET	130	505	100	405	505%
10 INTEREST EARNED-LAIF	13,031	25,104	4,000	21,104	628%
11 TAXES-SECURED	9,867	230,649	380,000	(149,351)	61%
12 TAXES-UNSECURED	2,923	10,654	15,100	(4,446)	71%
13 TAXES-SUPPLEMENTAL ROLL	2,175	5,919	9,900	(3,981)	60%
14 TAXES-PRIOR YEARS	204	2,054	3,900	(1,846)	53%
15 TAXES-HOMEOWNERS SUBVENTION	804	1,148	1,900	(752)	60%
16 TAXES-PUBLIC UTILITY	3,921	3,921	4,300	(379)	91%
17 MISCELLANEOUS INCOME	-	729	500	229	146%
18 TOTAL NON-OPERATING INCOME	33,447	281,073	419,700	(138,627)	67%
19 TOTAL REVENUE	35,535	1,200,379	2,069,875	(869,496)	58%

* The majority of property taxes are received in December and April, causing budget percentages to be uneven.

EXPENSES

20 WATER PURCHASES	516	136,980	235,750	(98,770)	58%
21 OCWD- REPLENISH ASSESSMENT	9,877	172,362	350,755	(178,393)	49%
22 MET-MWDOC READINESS TO SERVE CHARGES	322	2,665	41,000	(38,335)	6%
23 MET-MWDOC CAPACITY CHARGES	750	7,736	20,500	(12,764)	38%
24 MWDOC RETAIL SERVICE CONNECTION	1,231	8,618	14,000	(5,382)	62%
25 MWDOC CHOICE	-	-	26,300	(26,300)	0%
26 EOCWD WR RESERVE FUND CHARGE	854	5,980	10,900	(4,920)	55%
27 EOCWD WR READINESS TO SERVE	1,608	11,256	20,400	(9,144)	55%
28 UTILITIES-STOLLER BOOSTERS	4,091	26,013	68,000	(41,987)	38%
29 UTILITIES-VISTA PANORAMA RESERVOIR	47	1,444	9,000	(7,556)	16%
30 UTILITIES-WELLS EAST/WEST	5,254	30,078	27,000	3,078	111%
31 SMALL TOOLS	211	974	4,200	(3,226)	23%
32 GASOLINE, OIL & DIESEL FUEL	758	4,376	7,000	(2,624)	63%
33 REGULATORY PERMITS	-	6,694	7,800	(1,106)	86%
34 WATER QUALITY TESTING	2,814	7,453	21,000	(13,547)	35%
35 DISINFECTION CHEMICALS	-	720	1,000	(280)	72%
36 WEST WELL MAINTENANCE	-	-	5,000	(5,000)	0%
37 EAST WELL MAINTENANCE	370	2,413	10,000	(7,587)	24%
38 BARRETT RESERVOIR & BOOSTERS MAINTENANCE	5,370	5,370	9,000	(3,630)	60%
39 VISTA PANORAMA BOOSTER MAINTENANCE	-	-	4,300	(4,300)	0%
40 VISTA PANORAMA RESERVOIR MAINTENANCE	-	-	10,000	(10,000)	0%
41 CHLORINE GENERATOR MAINTENANCE	445	6,559	6,000	559	109%
42 SCADA REPLACEMENTS / UPGRADES	-	-	12,500	(12,500)	0%
43 OPERATIONS SOFTWARE	234	1,638	18,000	(16,362)	9%
44 HYDRANTS- REPAIR AND MAINTENANCE	-	11,412	16,100	(4,688)	71%

EAST ORANGE COUNTY WATER DISTRICT**RETAIL ZONE****MONTH: January 2019**

	MONTHLY	YTD	ANNUAL	BUDGET \$	PERCENT
DESCRIPTION	ACTUAL	ACTUAL	2018-19 BUDGET	OVER (UNDER)	OF BUDGET EXPENDED
45 METER PURCHASE & REPAIR	-	-	21,000	(21,000)	0%
46 PRV-REPAIR AND MAINTENANCE	-	-	2,000	(2,000)	0%
47 MAINS-REPAIR AND MAINTENANCE	1,339	16,149	30,500	(14,351)	53%
48 SERVICE CONNECTIONS-REPAIR AND MAINTENANCE	736	7,980	25,500	(17,520)	31%
49 RESERVOIRS-REPAIR AND MAINTENANCE	-	12	10,250	(10,238)	0%
50 VAULTS-REPAIR AND MAINTENANCE	-	-	1,500	(1,500)	0%
51 CATHODIC PROTECTION	-	-	5,000	(5,000)	0%
52 METER TESTING	-	-	5,000	(5,000)	0%
53 EQUIPMENT RENTAL	2,423	12,592	22,500	(9,908)	56%
54 EQUIPMENT MAINTENANCE	7	200	4,600	(4,400)	4%
55 VEHICLE MAINTENANCE	-	1,898	5,000	(3,102)	38%
56 MAINTENANCE-BUILDINGS AND GROUNDS	1,067	2,470	4,500	(2,030)	55%
57 WAGES	20,457	165,923	323,125	(157,202)	51%
58 PAYROLL TAXES- FICA & MEDICARE	1,443	10,008	17,500	(7,492)	57%
59 PERS Classic (ER PAID)	923	7,774	16,900	(9,126)	46%
60 PERS PEPRA (ER PAID)	241	1,671	4,900	(3,229)	34%
61 PERS Unfunded	626	4,413	7,800	(3,387)	57%
63 PAYROLL TAXES- SUI & ETT	150	422	1,100	(678)	38%
64 HEALTH & ACCIDENT INSURANCE	3,691	24,867	52,790	(27,923)	47%
65 DENTAL INSURANCE	197	1,362	4,500	(3,138)	30%
66 VISION INSURANCE	52	355	750	(395)	47%
67 LIFE INSURANCE	7	76	300	(224)	25%
68 WORKER'S COMPENSATION INSURANCE	453	3,117	6,000	(2,883)	52%
69 EDUCATIONAL REIMBURSEMENT	-	114	3,000	(2,886)	4%
70 UNIFORMS	72	631	2,800	(2,169)	23%
71 DISTRICT WEBSITE	67	471	7,000	(6,529)	7%
72 MCPHERSON FAX	12	58	300	(242)	19%
73 MCPHERSON INTERNET	43	383	3,000	(2,617)	13%
74 MCPHERSON OFFICE PHONES	6	45	3,000	(2,955)	2%
75 ANSWERING SERVICE	11	73	200	(127)	37%
76 CONTROL EQUIPMENT COMMUNICATIONS	204	1,318	4,000	(2,682)	33%
77 CELLPHONES	224	1,368	1,900	(532)	72%
78 UNDERGROUND SERVICE ALERT	21	303	600	(297)	51%
79 TRAINING / SCHOOLS	75	1,387	10,000	(8,613)	14%
80 CONSERVATION	1,411	3,257	30,000	(26,743)	11%
81 CONFERENCE AND MEETING EXPENSES	98	6,056	13,000	(6,944)	47%
82 MILEAGE	-	201	2,000	(1,799)	10%
83 ACWA	438	3,065	4,400	(1,335)	70%
84 ORANGE COUNTY WATER WORKS ASSOCIATION	-	133	100	33	133%
85 AMERICAN WATER WORKS ASSOCIATION	18	123	500	(378)	25%
86 FOOTHILL COMMUNITIES ASSOCIATION	-	-	100	(100)	0%
87 CSDA MEMBERSHIP	151	1,023	3,600	(2,577)	28%
88 ISDOC / URBAN WATER INSTITUTE	21	171	1,000	(829)	17%
89 SOUTHERN CALIFORNIA WATER COMMITTEE	-	820	350	470	234%
90 CWSA	208	208	-	208	0%
91 ACC-OC	43	300	500	(200)	60%
92 MISCELLANEOUS EXPENSE	-	-	1,000	(1,000)	0%
93 DIRECTOR'S FEES-J. DULEBOHN	100	842	2,500	(1,658)	34%
94 DIRECTOR'S FEES-R.BELL	100	700	2,500	(1,800)	28%
96 DIRECTOR'S FEES-S. EVERETT	58	350	2,500	(2,150)	14%
97 DIRECTOR'S FEES-J. SEARS	142	942	2,500	(1,558)	38%

EAST ORANGE COUNTY WATER DISTRICT

RETAIL ZONE
MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
98 MEETING EXPENSES	55	821	2,500	(1,679)	33%
99 POSTAGE	79	2,057	5,100	(3,043)	40%
100 OFFICE SUPPLIES / FURNISHINGS / SMALL EQUIPMENT	67	2,205	10,000	(7,795)	22%
101 PUBLIC INFORMATION & LEGAL NOTICES	2,236	6,793	20,500	(13,707)	33%
102 RECORDS MANAGEMENT	44	703	4,000	(3,297)	18%
103 VERSATERM CONTRACT-ROUTE MANAGER	-	190	5,100	(4,910)	4%
104 BANK CHARGES	605	8,102	8,400	(298)	96%
105 OUTSIDE SERVICES	1,550	12,803	30,000	(17,197)	43%
106 AUDIT	880	4,080	8,500	(4,420)	48%
107 TAX COLLECTION FEES	51	627	7,500	(6,873)	8%
108 COMPUTER BILLING	365	3,792	8,500	(4,708)	45%
109 TREASURER	417	2,917	5,000	(2,083)	58%
110 ACCOUNTING	2,304	12,979	27,000	(14,021)	48%
111 LEGAL	1,715	15,768	39,000	(23,232)	40%
112 COMPUTER CONSULTING	-	3,571	7,500	(3,929)	48%
113 ENGINEERING	2,093	7,563	45,000	(37,438)	17%
114 LAFCO	128	894	1,550	(657)	58%
115 INSURANCE-AUTO AND GENERAL LIABILITY	754	4,637	9,000	(4,363)	52%
116 INSURANCE-PROPERTY	169	1,185	2,000	(815)	59%
117 INSURANCE-FIDELITY BOND	-	-	700	(700)	0%
118 OFFICE EQUIPMENT MAINTENANCE	-	543	1,500	(957)	36%
119 DUMPSTER	36	251	500	(249)	50%
120 ELECTRIC - OFFICE	147	1,530	4,500	(2,970)	34%
121 SAFETY	279	1,476	3,300	(1,824)	45%
122 ELECTION EXPENSE	-	-	10,000	(10,000)	0%
124 TRANSFERS TO CAPITAL PROJECTS FUNDS	9,363	65,540	112,355	(46,815)	58%
125 RETAIL OPERATIONS CONTINGENCY FUND	4,167	29,167	50,000	(20,833)	58%
126 FUNDED TO/BY RESERVE	833	5,833	10,000	(4,167)	58%
127 TOTAL OPERATING EXPENSES	100,424	932,397	2,069,875	(1,137,478)	45%
128 NET INCOME (LOSS) FROM OPERATIONS	(64,889)	267,983	-	267,983	-
129 PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
130 NET INCOME (LOSS)	(64,889)	267,983	-	267,983	-

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

2018-2019 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

MONTH: January 2019

REVENUE		MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	FUNDS PROVIDED BY RESERVE	-	-	3,188,683	(3,188,683)	0%
2	CAPITAL PROJECTS REVENUE					
3	CAPITAL IMPROVEMENT CHARGE	55	176,168	325,000	(148,832)	54%
4	CONNECTION FEES	-	9,508	5,000	4,508	190%
5	INTEREST EARNINGS	5,977	10,703	5,000	5,703	214%
6	TRANSFER FROM OPERATING EXPENSES	10,196	71,374	122,355	(50,981)	58%
7	TOTAL CAPITAL PROJECTS REVENUE	16,228	267,752	3,646,038	(3,378,286)	-

EXPENSES		MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
8	CAPITAL PROJECTS EXPENSES					
9	MASTER PLAN AND CONDITION ASSESSMENT	-	-	30,000.00	(30,000.00)	0%
10	WATER LOSS CONTROL PROGRAM (WSO)	-	3,595.00	21,500.00	(17,905.00)	17%
11	185 MCPHERSON IMPROVEMENTS-ENG.	2,945	7,370	175,000	(167,630)	4%
11	NEW POOL VEHICLE	-	-	10,000	(10,000)	0%
12	SERVICE TRUCK FOR FIELD OPERATIONS	-	-	37,500	(37,500)	0%
13	VISTA PANORAMA RESERVOIR REPAIR	3,548	25,548	335,000	(309,452)	8%
14	VALVE REPLACEMENTS	-	-	50,000	(50,000)	0%
15	ALLOWANCE FOR SYSTEM RELOCATIONS	-	-	130,000	(130,000)	0%
16	BACKUP GENERATOR FOR VP BOOSTER STATION	-	-	275,500	(275,500)	0%
17	BACKUP POWER SUPPLY STUDY - WELLS/ADMIN BLDG	-	-	15,000	(15,000)	0%
18	CHARMAINE PIPELINE UPSIZING	-	-	90,000	(90,000)	0%
19	6" MAG METERS @ BARRET PRVS	-	-	15,000	(15,000)	0%
20	FOWLER AVE. SERVICE IMPROVEMENTS	-	-	83,000	(83,000)	0%
21	SCADA SYSTEM REPLACEMENT	-	-	150,000	(150,000)	0%
22	SCADA SYSTEM SITE ADDITIONS - VP SIDEHILL AND RZ FIRE PUMP	-	-	30,000	(30,000)	0%
23	SEDARU IMPROVEMENTS	-	-	10,000	(10,000)	0%
24	RECORDS MANAGEMENT	-	-	5,000	(5,000)	0%
25	AUTOMATIC METER READING/OUTDOOR WATER CONSERVATION	-	-	10,000	(10,000)	0%
26	DEVELOPMENT OF SOUTH WELL	-	-	75,000	(75,000)	0%
27	REMOTE METER READING/CONSERV PP	-	-	30,000	(30,000)	0%
26	TOTAL CAPITAL PROJECTS EXPENSE	6,493	36,513	1,577,500	(1,540,987)	2%
27	NET INCOME (LOSS) FROM CAPITAL PROJECTS	9,736	231,239	2,068,538	(1,837,299)	-
28	PRIOR YEARS EXPENSES	-	-	-	-	-
29	NET INCOME (LOSS) FROM CAPITAL PROJECTS	9,736	231,239	2,068,538	(1,837,299)	-

EAST ORANGE COUNTY WATER DISTRICT

Capital Projects Detail

RETAIL ZONE

MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
REVENUE					
1 FUNDED BY RESERVES	-	-	3,188,683	(3,188,683)	0%
2 CAPITAL IMPROVEMENT CHARGE	55	176,168	325,000	(148,832)	54%
3 CONNECTION FEES	-	9,508	5,000	4,508	190%
4 INTEREST-LAIF-CAP	5,977	10,703	5,000	5,703	214%
5 TRANSFER IN CAPITAL PROJECTS	9,363	65,540	112,355	(46,815)	58%
6 TRANSFER IN CAPITAL RESERVES	833	5,833	10,000	(4,167)	58%
7 TOTAL CAPITAL PROJECTS REVENUE:	16,228	267,752	3,646,038	(3,378,286)	-
EXPENSES					
8 MASTER PLAN & CONDITION ASSESSMENT - ENGINEERING	-	-	30,000	(30,000)	0%
9 WATER LOSS CONTROL PROGRAM (WSO)	-	3,595	21,500	(17,905)	17%
10 MCPHERSON IMPROVEMENTS/SITE PLANNING-ENGINEERING	2,945	7,370	75,000	(67,630)	10%
11 MCPHERSON IMPROVEMENTS/SITE PLANNING-CONSTRUCTION	-	-	100,000	(100,000)	0%
13 NEW POOL VEHICLE	-	-	10,000	(10,000)	0%
14 SERVICE TRUCK FOR FIELD OPERATIONS	-	-	37,500	(37,500)	0%
15 VISTA PANORAMA RESERVOIR REHAB/POWER SUPPLY-ENGINEERING	2,720	3,530	75,000	(71,470)	5%
16 VISTA PANORAMA RESERVOIR REHAB/POWER SUPPLY-CONSTRUCTION	828	22,018	250,000	(227,982)	9%
17 VISTA PANORAMA RESERVOIR REHAB/POWER SUPPLY-LABOR	-	-	10,000	(10,000)	0%
18 VALVE REPLACEMENTS - SYSTEM - CONSTRUCTION	-	-	35,000	(35,000)	0%
19 VALVE REPLACEMENTS - SYSTEM - LABOR	-	-	15,000	(15,000)	0%
20 ALLOWANCE FOR SYSTEM RELOCATIONS-ENGINEERING	-	-	20,000	(20,000)	0%
21 ALLOWANCE FOR SYSTEM RELOCATIONS-CONSTRUCTION	-	-	100,000	(100,000)	0%
22 ALLOWANCE FOR SYSTEM RELOCATIONS-LABOR	-	-	10,000	(10,000)	0%
23 BACKUP GENERATOR FOR SIDEHILL BOOSTER STATION - ENGINEERING	-	-	25,000	(25,000)	0%
24 BACKUP GENERATOR FOR VPBOOSTER STATION-CONSTRUCTION	-	-	250,000	(250,000)	0%
25 BACKUP GENERATOR FOR VPBOOSTER STATION-LABOR	-	-	500	(500)	0%
26 BACKUP POWER SUPPLY STUDY - WELLS/ADMIN BLDG	-	-	15,000	(15,000)	0%
27 6" MAG METERS @ BARRETT PRVS-CONSTRUCTION	-	-	10,000	(10,000)	0%
28 6" MAG METERS @ BARRETT PRVS-LABOR	-	-	5,000	(5,000)	0%
29 CHARMAINE PIPELINE UPSIZING - ENGINEERING	-	-	10,000	(10,000)	0%
30 CHARMAINE PIPELINE UPSIZING - CONSTRUCTION	-	-	75,000	(75,000)	0%
31 CHARMAINE PIPELINE UPSIZING - LABOR	-	-	5,000	(5,000)	0%
32 FOWLER AVE. SERVICE IMPROVEMENTS-ENGINEERING	-	-	8,000	(8,000)	0%
33 FOWLER AVE. SERVICE IMPROVEMENTS-CONSTRUCTION	-	-	70,000	(70,000)	0%
34 FOWLER AVE. SERVICE IMPROVEMENTS-LABOR	-	-	5,000	(5,000)	0%
35 SCADA SYSTEM REPLACEMENT	-	-	150,000	(150,000)	0%
36 SCADA SYSTEM SITE ADDITIONS - VP SIDEHILL AND RZ FIRE PUMP	-	-	30,000	(30,000)	0%
37 SEDARU IMPROVEMENTS	-	-	10,000	(10,000)	0%
38 RECORDS MANAGEMENT IMPLEMENTATION	-	-	5,000	(5,000)	0%
39 AUTOMATIC METER READING/OUTDOOR WATER CONSERVATION	-	-	10,000	(10,000)	0%
40 DEVELOPMENT OF SOUTH WELL	-	-	75,000	(75,000)	0%
41 REMOTE METER READING/CONSERV PP	-	-	30,000	(30,000)	0%
42 TOTAL CAPITAL PROJECTS EXPENSE:	6,493	36,513	1,577,500	(1,540,987)	-
43 NET INCOME (LOSS) FROM CAPITAL PROJECTS:	9,736	231,239	2,068,538	(1,837,299)	-

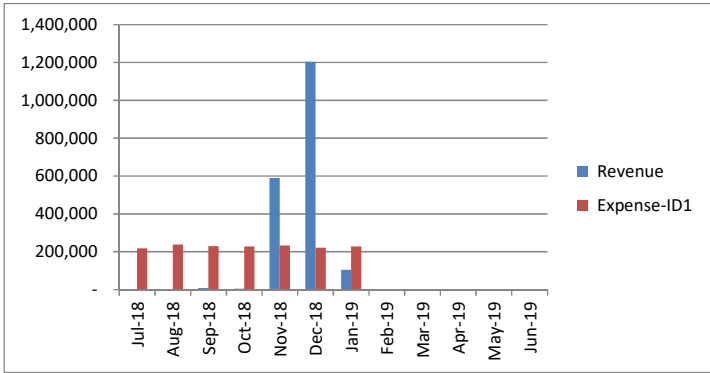
Sewer Financial Summary

For Period Ending January 31, 2019

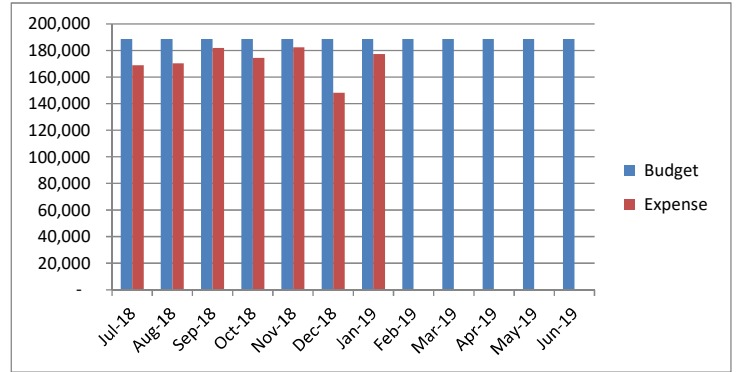
YTD Operating Income \$ 1,914,396

YTD Operating Expense \$ 1,594,246

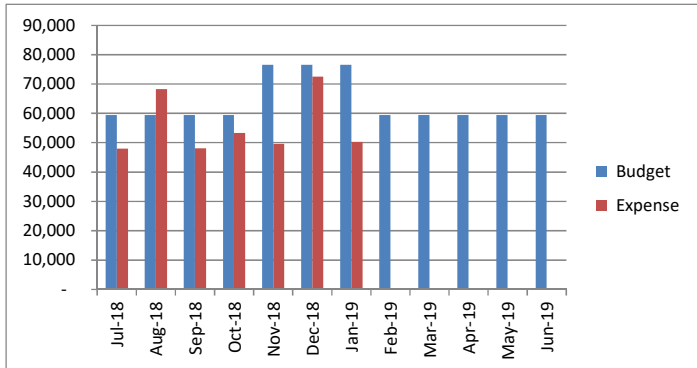
Revenue vs. Expenses



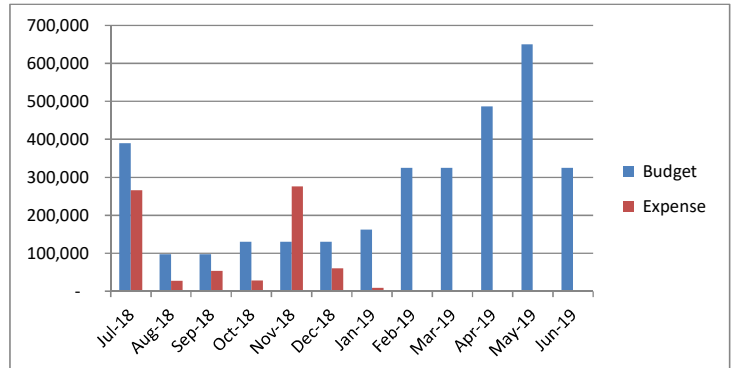
O&M Budget vs. Actual



Salaries & Benefits Budget vs. Actual



CIP Budget & Actual



SEWER OPERATING

EAST ORANGE COUNTY WATER DISTRICT
2018-2019 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
MONTH: January 2019

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	OPERATING REVENUE:					
2	SEWER SERVICE FEES	89,198	1,708,539	2,700,000	(991,461)	63%
3	LATE CHARGES	58	1,574	-	1,574	0%
4	OTHER CHARGES	1,624	12,676	2,000	10,676	634%
5	UNCOLLECTIBLE ACCOUNTS	-	-	(2,500)	2,500	0%
6	TOTAL OPERATING REVENUE:	90,880	1,722,789	2,699,500	(976,711)	64%
7	NON-OPERATING REVENUES (EXPENSES):					
8	PROPERTY TAXES*	11,908	186,329	330,000	(143,671)	56%
9	INTEREST & INVESTMENT EARNINGS	-	-	-	-	0%
10	MISCELLANEOUS INCOME (EXPENSE)	976	5,279	-	5,279	0%
11	TOTAL NON-OPERATING REVENUES, NET	12,884	191,607	330,000	(138,393)	58%
12	TOTAL REVENUES	103,764	1,914,396	3,029,500	(1,115,104)	63%

**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 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
13	OPERATING EXPENSE:					
14	TAXES AND BENEFITS	18,468	130,058	268,400	(138,342)	48%
15	OPERATIONS & MAINTENANCE	62,886	423,482	884,600	(461,118)	48%
16	GENERAL & ADMINISTRATIVE	30,201	226,365	483,750	(257,385)	47%
17	TRANSFER TO CAPITAL PROJECTS EXPENSE & RESERVES	111,896	783,271	1,342,750	(559,479)	58%
18	SEWER OPERATIONS CONTINGENCY FUND	4,167	29,167	50,000	(20,833)	58%
19	MARKET VALUE ADJUSTMENT ON INVESTMENTS	-	-	-	-	0%
20	TOTAL OPERATING EXPENSE	227,618	1,592,343	3,029,500	(1,437,157)	53%
21	NET INCOME (LOSS) FROM OPERATIONS	(123,853)	322,053	-	322,053	-
22	PRIOR YEARS INCOME (EXPENSES)	-	(1,903)	-	(1,903)	-
23	NET INCOME (LOSS)	(123,853)	320,150	-	320,150	-

SEWERS

January 2019 Variance Report - 58% of Budget Year

Account Name	Line #	YTD Amount (\$)	% Received or Spent	Comments
Operating				
(New)				
<u>Revenue:</u>				
<u>Expense:</u>				
(Ongoing)				
<u>Revenue:</u>				
FOG/FEES/OTHER CHARGES	4	3,200.00	160%	YTD is at over budget due to more inspection charges for sewer permits than anticipated.
<u>Expense:</u>				
ROOT CONTROL	36	14,273.27	143%	YTD is over budget due increased sewer root control.
Capital Projects				
(New)				
<u>Revenue:</u>				
PROJECTED INTEREST EARNINGS	7	446,133.48	112%	Higher interest revenues than anticipated
<u>Expense:</u>				
(Ongoing)				
<u>Revenue:</u>				
<u>Expense:</u>				
MASTER PLAN - ENGINEERING	23	157,198.00	157%	YTD over budget due invoices from AKM Consulting for Engineering services relating to the Sewer Master Plan for \$48K in July, \$46K in Sept. & \$27.8K in November.
BROWNING/IRVINE - CONSTRUCTION	32	185,323.60	124%	YTD is over budget due to a large, unanticipated change order on this project.

EAST ORANGE COUNTY WATER DISTRICT

SEWERS

MONTH: January 2019

	DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
	REVENUE					
1	SEWER SERVICE FEES	89,198	1,708,539	2,700,000	(991,461)	63%
2	LATE CHARGES	58	1,574	-	1,574	0%
3	FOG RENEWAL FEE	824	9,476	-	9,476	0%
4	FOG/FEES/OTHER CHARGES	800	3,200	2,000	1,200	160%
5	UNCOLLECTIBLE ACCOUNTS	-	-	(2,500)	2,500	0%
6	SEPTIC SYSTEM FEES	-	-	-	-	0%
7	TOTAL OPERATING REVENUE:	90,880	1,722,789	2,699,500	(976,711)	64%
	NON-OPERATING INCOME					
8	INTEREST EARNED - INVESTMENTS	-	-	-	-	0%
9	TAXES-SECURED	7,342	171,614	330,000	(158,386)	52%
10	TAXES-UNSECURED	2,199	7,933	-	7,933	0%
11	TAXES-SUPPLEMENTAL ROLL	1,618	4,404	-	4,404	0%
12	TAXES-PRIOR YEARS	152	1,523	-	1,523	0%
13	TAXES-HOMEOWNER SUBVENTION	598	854	-	854	0%
13	MISCELLANEOUS INCOME	976	5,279	-	5,279	0%
14	TOTAL NON OPERATING INCOME:	12,884	191,607	330,000	(138,393)	58%
15	TOTAL REVENUES:	103,764	1,914,396	3,029,500	(1,115,104)	63%

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

EXPENSES

16	WAGES	34,820	283,817	550,000	(266,183)	52%
17	PAYROLL TAXES-FICA & MED	3,018	20,848	37,000	(16,152)	56%
18	PAYROLL TAXES-SUI &ETT	272	755	2,000	(1,245)	38%
19	HEALTH INSURANCE	5,890	39,212	85,000	(45,788)	46%
20	DENTAL INSURANCE	372	2,567	8,500	(5,933)	30%
21	VISION INSURANCE	105	709	1,500	(791)	47%
22	LIFE/DISABILITY INSURANCE	99	563	4,800	(4,237)	12%
23	WORKER'S COMPENSATION INSURANCE	1,364	8,418	18,000	(9,582)	47%
24	EDUCATIONAL REIMBURSEMENT	-	38	1,000	(962)	4%
25	PERS CLASSIC (ER PAID)	2,446	20,151	35,900	(15,749)	56%
26	PERS PEPRA (ER PAID)	639	4,165	11,900	(7,735)	35%
27	PERS UNFUNDED	1,179	8,319	15,000	(6,682)	55%
28	GASOLINE, OIL & DIESEL FUEL	758	5,144	10,000	(4,856)	51%
29	EQUIPMENT MAINTENANCE	93	269	15,000	(14,731)	2%
30	VEHICLE MAINTENANCE	304	6,610	15,000	(8,390)	44%
31	MAINTENANCE-BUILDINGS AND GROUNDS	1,067	1,581	2,000	(419)	79%
32	EQUIPMENT RENTAL	240	1,903	8,500	(6,597)	22%
33	SMALL TOOLS	128	4,890	15,000	(10,110)	33%
34	OPERATIONS SOFTWARE	1,425	9,975	17,000	(7,025)	59%
35	REGULATORY PERMITS	7	15,926	20,000	(4,074)	80%
36	ROOT CONTROL	8,738	14,273	10,000	4,273	143%
37	EQUIPMENT & SUPPLIES	141	1,114	25,000	(23,886)	4%
38	CONTRACT CLEANING SERVICES	26,399	172,329	325,000	(152,671)	53%
39	WATER QUALITY TESTING	19	47	1,000	(953)	5%
40	UNDERGROUND SERVICE ALERT	147	994	4,000	(3,006)	25%
41	ENGINEERING	2,205	15,212	75,000	(59,788)	20%

EAST ORANGE COUNTY WATER DISTRICT

SEWERS

MONTH: January 2019

	DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
42	ODOR CONTROL	-	-	5,000	(5,000)	0%
43	UNIFORMS	72	706	3,200	(2,494)	22%
44	ELECTRIC - OFFICE	250	2,218	3,900	(1,682)	57%
45	SOLID WASTE	36	319	500	(181)	64%
46	MCPHERSON FAX	12	73	500	(427)	15%
47	MCPHERSON INTERNET	44	425	1,500	(1,075)	28%
48	MCPHERSON OFFICE PHONES	6	50	3,800	(3,750)	1%
49	DISTRICT WEBSITE	135	942	2,000	(1,059)	47%
50	ANSWERING SERVICE	11	82	200	(118)	41%
51	CELLPHONES	223	1,541	2,500	(959)	62%
52	TRAINING / SCHOOLS	46	878	3,000	(2,122)	29%
53	CONFERENCE AND MEETING EXPENSES	3	2,497	3,000	(503)	83%
54	MILEAGE	-	186	1,000	(814)	19%
55	MEETING EXPENSES	55	814	1,000	(186)	81%
56	SCAP	-	538	550	(12)	98%
57	CSDA	302	2,029	3,500	(1,471)	58%
58	ACC-OC	215	1,502	2,500	(998)	60%
59	FOG Services	-	1,683	10,000	(8,317)	17%
60	POSTAGE	192	501	1,000	(499)	50%
61	OFFICE SUPPLIES / FURNISHINGS / SMALL EQUIP.	67	2,925	3,100	(175)	94%
62	PUBLIC INFORMATION & LEGAL NOTICES	4,471	13,312	40,000	(26,688)	33%
63	RECORDS MANAGEMENT	44	1,042	4,000	(2,958)	26%
64	OFFICE EQUIPMENT MAINTENANCE	-	1,086	3,000	(1,914)	36%
65	OUTSIDE SERVICES	2,175	21,936	40,000	(18,064)	55%
66	AUDIT	2,684	11,784	25,000	(13,216)	47%
67	COUNTY SERVICE CHARGE COLLECTION FEE	24	9,480	15,000	(5,520)	63%
68	TREASURER	583	4,083	7,000	(2,917)	58%
69	ACCOUNTING	1,969	12,841	30,000	(17,159)	43%
70	LEGAL	3,410	22,996	30,000	(7,004)	77%
71	COMPUTER CONSULTING	-	4,813	10,000	(5,187)	48%
72	LAFCO	600	4,200	7,600	(3,400)	55%
73	BANK CHARGES	155	414	3,000	(2,586)	14%
74	INSURANCE-AUTO AND GENERAL LIABILITY	852	5,257	10,000	(4,743)	53%
75	INSURANCE-PROPERTY	339	2,370	4,000	(1,630)	59%
76	INSURANCE - CLAIMS	-	-	10,000	(10,000)	0%
77	INSURANCE-FIDELITY BOND	-	-	300	(300)	0%
78	SAFETY	306	1,720	4,000	(2,280)	43%
79	ELECTION EXPENSE	-	-	20,000	(20,000)	0%
80	DIRECTOR'S FEES-JOHN DULEBOHN	100	842	2,250	(1,408)	37%
81	DIRECTOR'S FEES-RICHARD BELL	100	700	2,250	(1,550)	31%
82	DIRECTOR'S FEES-SY EVERETT	58	350	2,250	(1,900)	16%
83	DIRECTOR'S FEES-JOHN SEARS	142	942	2,250	(1,308)	42%
84	TRANSFERS TO CAPITAL PROJECTS FUNDS	2,917	20,417	35,000	(14,583)	58%
85	OPERATIONS CONTINGENCY FUND	4,167	29,167	50,000	(20,833)	58%
86	FUNDED TO/BY RESERVE	108,979	762,854	1,307,750	(544,896)	58%
87	TOTAL EXPENSES	227,618	1,592,343	3,029,500	(1,437,157)	53%
88	NET INCOME (LOSS) FROM OPERATIONS:	(123,853)	322,053	-	322,053	-
89	PRIOR YEARS INCOME (EXPENSES)	-	1,903	-	1,903	-

EAST ORANGE COUNTY WATER DISTRICT

SEWERS
MONTH: January 2019

DESCRIPTION		MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
90	NET INCOME (LOSS)	(123,853)	320,150	-	320,150	-

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.

SEWERS CAPITAL PROJECTS

EAST ORANGE COUNTY WATER DISTRICT

2018-2019 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

MONTH: January 2019

	REVENUE	MONTHLY ACTUAL REVENUE	YTD ACTUAL REVENUE	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
1	CAPITAL PROJECTS REVENUE					
2	CAPITAL CONTRIBUTIONS	-	-	-	-	0%
3	CONNECTION FEES	-	4,644	30,000	(25,356)	15%
4	SEWER PERMIT CAPACITY CHARGES	2,361	7,083	-	7,083	0%
5	OCSD PERMIT PROCESSING FEES	380	2,932	-	2,932	0%
6	TRANSFER TO RESERVES FROM OPERATIONS	108,979	762,854	1,307,750	(544,896)	58%
7	TRANSFERS FROM OPERATIONS	2,917	20,417	35,000	(14,583)	58%
8	PROJECTED INTEREST EARNINGS	165,577	446,133	400,000	46,133	112%
9	GAIN/(LOSS) ON INVESTMENTS & MARKET VALUE ADJ.	56,802	197,366	-	197,366	0%
10	NET OPERATING INCOME	337,016	1,441,430	1,772,750	(331,320)	81%

	EXPENSES	MONTHLY ACTUAL EXPENSES	YTD ACTUAL EXPENSES	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	PERCENT OF BUDGET EXPENDED
11	CAPITAL PROJECTS EXPENSES					
12	CIPP	-	236,689	335,000	(98,311)	71%
13	CCTV	-	24,235	100,000	(75,765)	24%
14	SEWER REPLACEMENT	-	15,976	615,000	(599,024)	3%
15	MANHOLE REPLACEMENT	-	30,185	60,000	(29,815)	50%
16	FOG CONTROL	-	5,870	50,000	(44,130)	12%
17	MASTER PLAN/CONDITION ASSESSMENT	3,120	157,198	100,000	57,198	157%
18	VEHICLE ACQUISITION	-	-	600,000	(600,000)	0%
19	EQUIPMENT ACQUISITION	-	-	15,000	(15,000)	0%
20	210 N. MCPHERSON	90	5,718	630,000	(624,282)	1%
21	MANHOLE RAISING	-	-	40,000	(40,000)	0%
22	RECORDS MANAGEMENT IMPLEMENTATION	-	-	5,000	(5,000)	0%
23	SEPTIC SYSTEM CONVERSIONS	3,745	19,283	50,000	(30,717)	39%
24	BROWNING/IRVINE	-	185,434	170,000	15,434	109%
25	BROWNING REHABILITATION	-	-	250,000	(250,000)	0%
26	BACKWATER VALVE PROGRAM	-	-	25,000	(25,000)	0%
27	MANHOLE INSPECTIONS	-	-	50,000	(50,000)	0%
28	SEDARU UPGRADES	-	-	15,000	(15,000)	0%
29	MANHOLE COATING - PEST DETERRENT	-	26,322	50,000	(23,678)	53%
30	CCTV CAMERA TRUCK PURCHASE	-	-	88,000	(88,000)	0%
31	US BANK FEES	1,862	12,931	-	12,931	0%
32	TOTAL OPERATING EXPENSE	8,816	719,841	3,248,000	(2,528,159)	22%
33	NET INCOME (LOSS) FROM OPERATIONS	328,199	721,590	(1,475,250)	2,196,840	-49%
34	PRIOR YEARS INCOME (EXPENSES)	-	-	-	-	-
35	NET INCOME (LOSS)	328,199	721,590	(1,475,250)	2,196,840	-49%

EAST ORANGE COUNTY WATER DISTRICT**Capital Projects Detail**

SEWERS

MONTH: January 2019

DESCRIPTION	MONTHLY ACTUAL	YTD ACTUAL	ANNUAL 2018-19 BUDGET	BUDGET \$ OVER (UNDER)	% OF BUDGET EXPENDED
REVENUE					
1 CAPITAL CONTRIBUTIONS	-	-	-	-	0%
2 CONNECTION FEES	-	4,644	30,000	(25,356)	15%
3 SEWER PERMIT CAPACITY CHARGES	2,361	7,083	-	7,083	0%
4 OCSD PERMIT PROCESSING FEES	380	2,932	-	2,932	0%
5 TRANSFERS FROM OPERATIONS	2,917	20,417	35,000	(14,583)	58%
6 TRANSFER TO CAPITAL RESERVES	108,979	762,854	1,307,750	(544,896)	58%
7 PROJECTED INTEREST EARNINGS	165,577	446,133	400,000	46,133	112%
8 REALIZED GAIN/(LOSS) ON INVESTMENTS	1,080	(8,348)	-	(8,348)	0%
9 MARKET VALUE ADJUSTMENTS	55,723	205,715	-	205,715	0%
10 TOTAL CAPITAL PROJECTS REVENUE:	337,016	1,441,430	1,772,750	(331,320)	81%
EXPENSES					
11 CIPP - ENGINEERING	-	-	25,000	(25,000)	0%
12 CIPP - CONSTRUCTION	-	236,689	300,000	(63,311)	79%
13 CIPP - LABOR	-	-	10,000	(10,000)	0%
14 CCTV	-	24,235	100,000	(75,765)	24%
15 SEWER REPLACEMENT - ENGINEERING	-	11,053	100,000	(88,947)	11%
16 SEWER REPLACEMENT - CONSTRUCTION	-	4,923	500,000	(495,077)	1%
17 SEWER REPLACEMENT - LABOR	-	-	15,000	(15,000)	0%
18 MANHOLE REPLACEMENT - ENGINEERING	-	-	15,000	(15,000)	0%
19 MANHOLE REPLACEMENT - CONSTRUCTION	-	30,185	40,000	(9,815)	75%
20 MANHOLE REPLACEMENT - LABOR	-	-	5,000	(5,000)	0%
21 FOG CONTROL - ENGINEERING	-	5,870	25,000	(19,130)	23%
22 FOG CONTROL - EQUIPMENT	-	-	25,000	(25,000)	0%
23 MASTER PLAN - ENGINEERING	3,120	157,198	100,000	57,198	157%
24 VEHICLE ACQUISITION	-	-	600,000	(600,000)	0%
25 EQUIPMENT ACQUISITION	-	-	15,000	(15,000)	0%
26 210 N. MCPHERSON - ENGINEERING	90	5,718	100,000	(94,282)	6%
27 210 N. MCPHERSON - ACQ./CONSTRUCTION	-	-	500,000	(500,000)	0%
28 210 N. MCPHERSON - LABOR	-	-	30,000	(30,000)	0%
29 MANHOLE RAISING	-	-	40,000	(40,000)	0%
30 RECORDS MANAGEMENT	-	-	5,000	(5,000)	0%
31 BROWNING/IRVINE - ENGINEERING	-	110	15,000	(14,890)	1%
32 BROWNING/IRVINE - CONSTRUCTION	-	185,324	150,000	35,324	124%
33 BROWNING/IRVINE - LABOR	-	-	5,000	(5,000)	0%
34 BROWNING REHABILITATION - ENGINEERING	-	-	250,000	(250,000)	0%
35 BACKWATER VALVE PROGRAM	-	-	25,000	(25,000)	0%
36 MANHOLE COATING - PEST DETERRENT	-	26,322	50,000	(23,678)	53%
37 MANHOLE INSPECTIONS	-	-	50,000	(50,000)	0%
38 SEDARU UPGRADES	-	-	15,000	(15,000)	0%
39 SEPTIC SYSTEM CONVERSIONS	3,745	19,283	50,000	(30,717)	39%
40 CCTV CAMERA TRUCK PURCHASE	-	-	88,000	(88,000)	0%
41 US BANK FEES	1,862	12,931	-	12,931	0%
42 TOTAL CAPITAL PROJECTS EXPENSE:	8,816	719,841	3,248,000	(2,528,159)	22%
43 NET INCOME (LOSS) FROM CAPITAL PROJECTS:	328,199	721,590	(1,475,250)	2,196,840	-49%

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: WHOLESALE AND RETAIL ZONE WATER DEMANDS – February 2019
DATE: March 17, 2019

Wholesale Zone Water Demands

Attached is a graphical representation of the Wholesale Zone water demand through February 28, 2019. **Water sales for the month of February totaled 149.9 AF.** This is an 62.3 AF Increase (71%) in demand from February 2018.

Retail Zone Water Demands

Page 1 of the attached report is an overview of the sources of water supply and our monthly production. For February 2019, 100% of total Retail Zone demand was met using water produced from our wells. Please note that the "In-Lieu" Program was suspended on February 1, 2018.

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 938 AF.

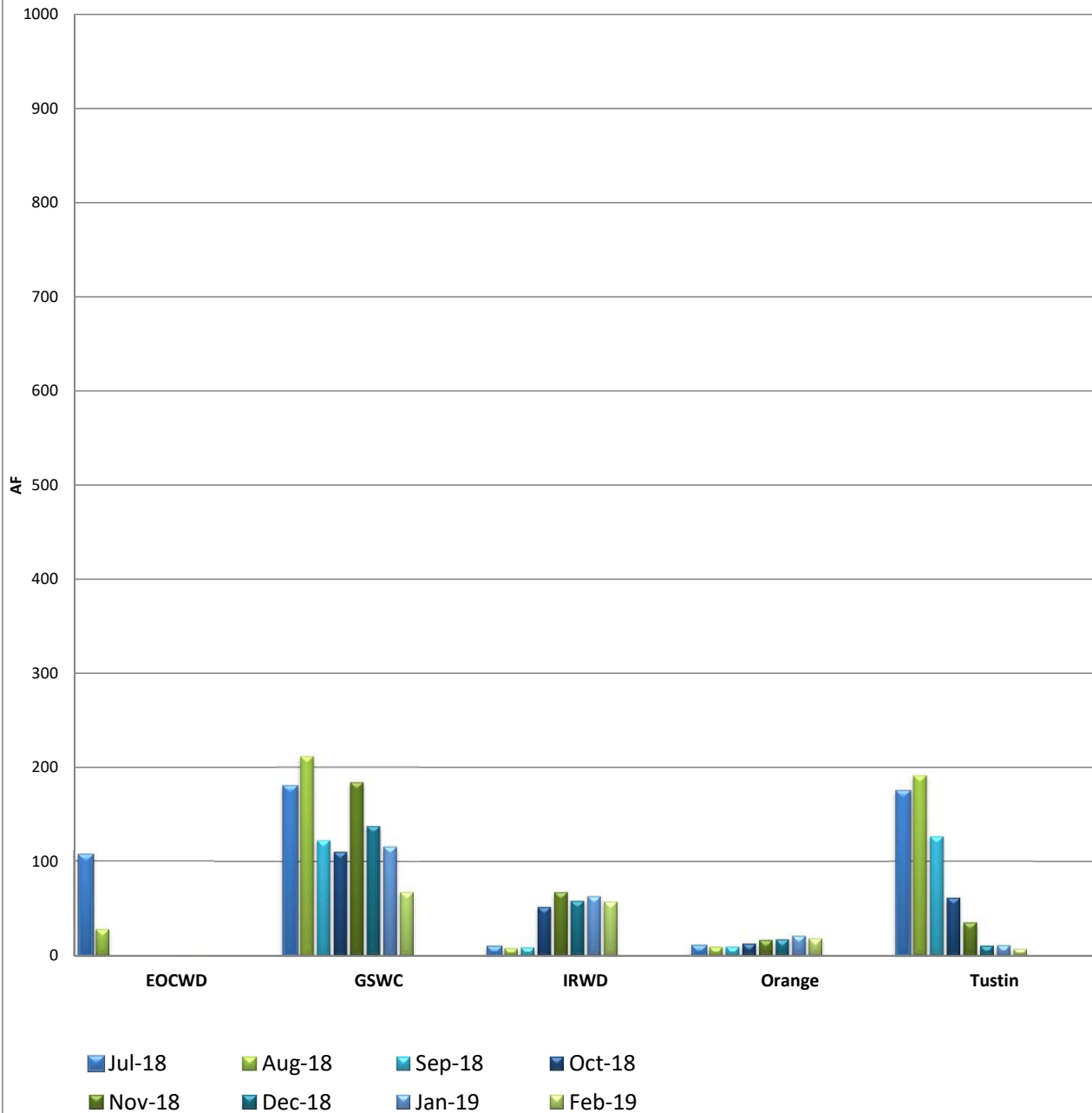
Page 3 provides a comparison of water demand versus precipitation, water demand versus average high temperature and water demand versus unemployment rates. As would be expected, generally in wet years, demand is lower than in dry years, whereas average temperature doesn't have as much of a cause/effect 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 February was 33 AF**; February production is 16 AF (33 %) lower than our production during February 2018, and 18 AF (35.3 %) 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 **February 2019 (104 GPCD)** compared to **February 2018 (177 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 February 2019 = 149.9 AF
 Total YTD Sales for July 2018 - June 2019 = 2,313.7 AF



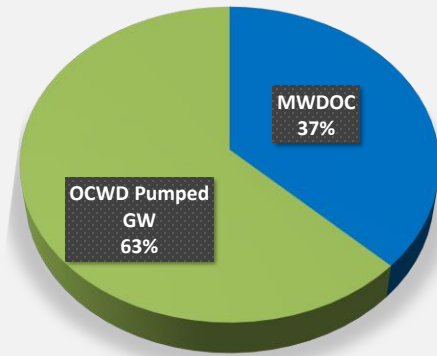
East Orange County Retail Zone Water Usage Report

East Orange County Retail Zone Overview of Usage FY 2018-19 Monthly Water Use

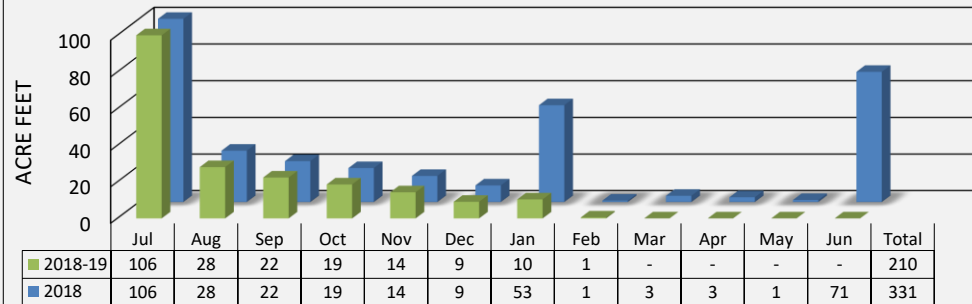
Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	106	28	22	19	14	9	10	1	-	-	-	-	210
OCWD Pumped GW	1	71	75	62	48	30	35	32	-	-	-	-	354
Total	107	99	97	81	62	40	45	33	-	-	-	-	564

2018 MWDOC Usage	106	28	22	19	14	9	53	1	3	3	1	71	331
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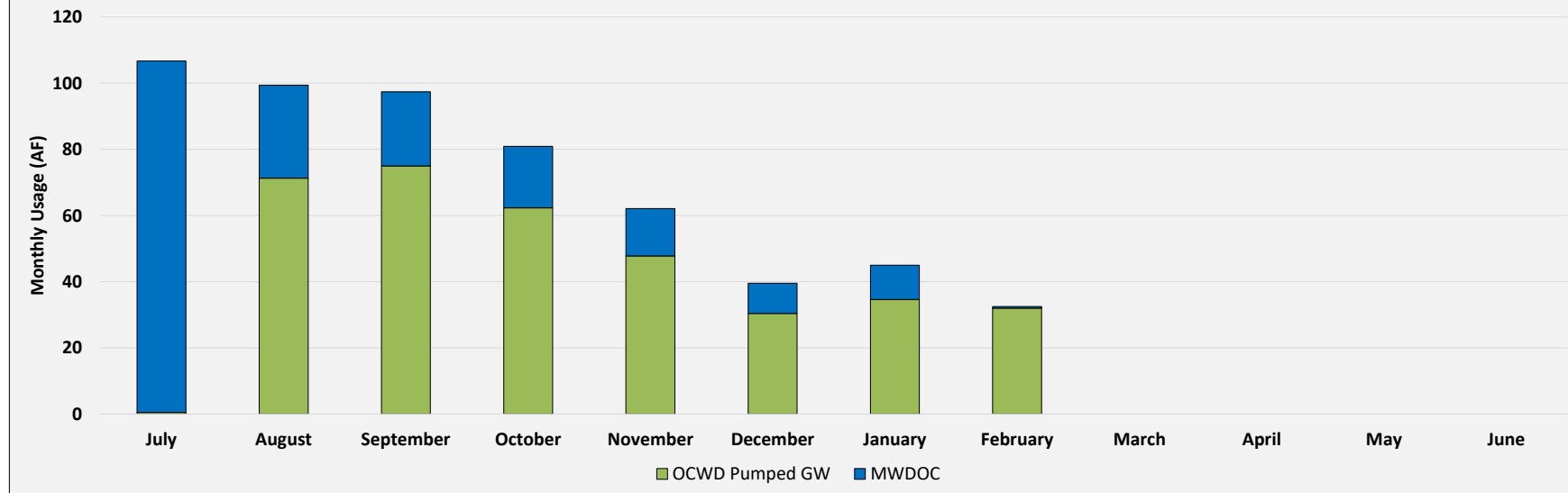
2018-19 Sources of Water



MWDOC Calendar Year and Fiscal Year Purchases



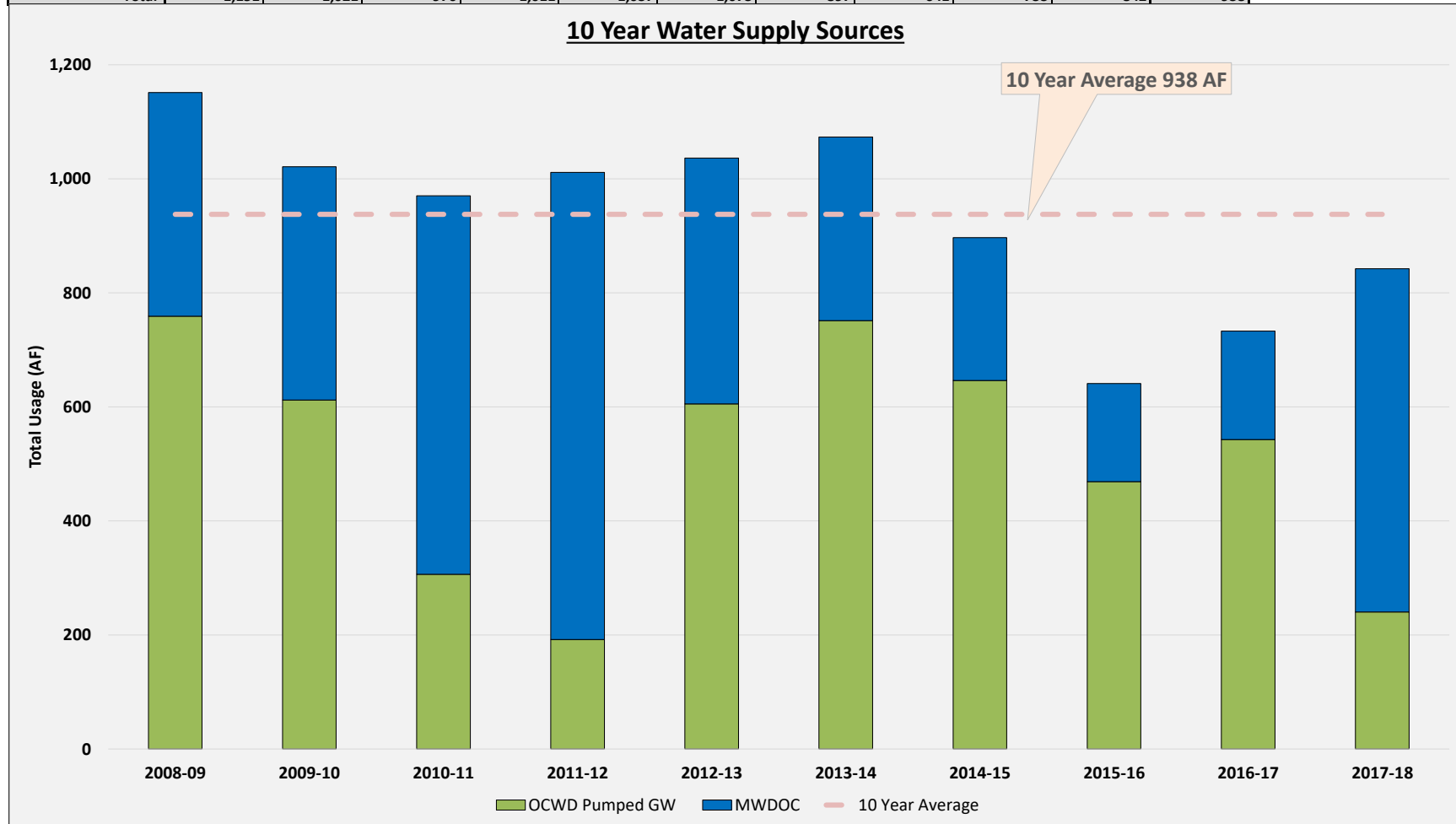
2018-19 Monthly Water Supply Sources



East Orange County Retail Zone Water Usage Report

Annual Water Usage

Type of Supply	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Average
MWDOC	392.3	409.3	663.8	819.1	431.3	322.0	250.7	172.1	190.2	602.1	425.3
OCWD Pumped GW	759.1	612.0	306.5	192.1	605.2	751.3	646.3	468.9	542.7	240.2	512.4
Total	1,151	1,021	970	1,011	1,037	1,073	897	641	733	842	938

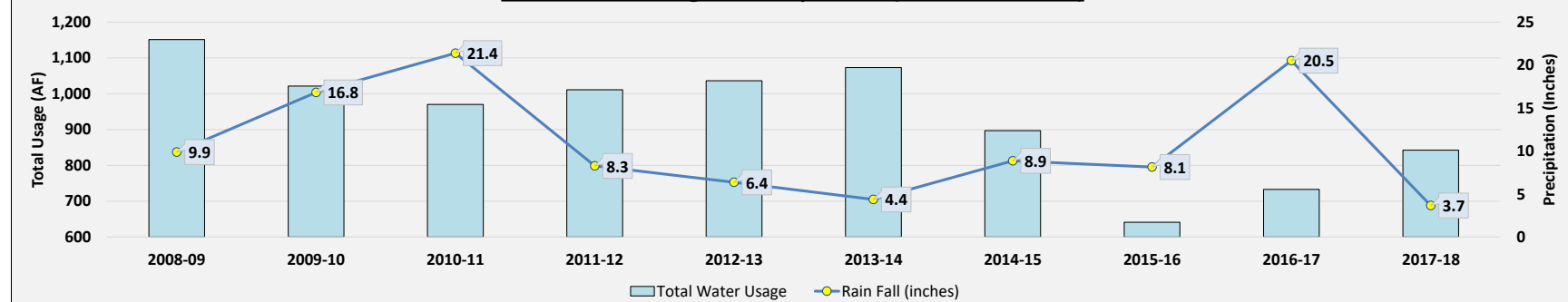


East Orange County Retail Zone Water Usage Report

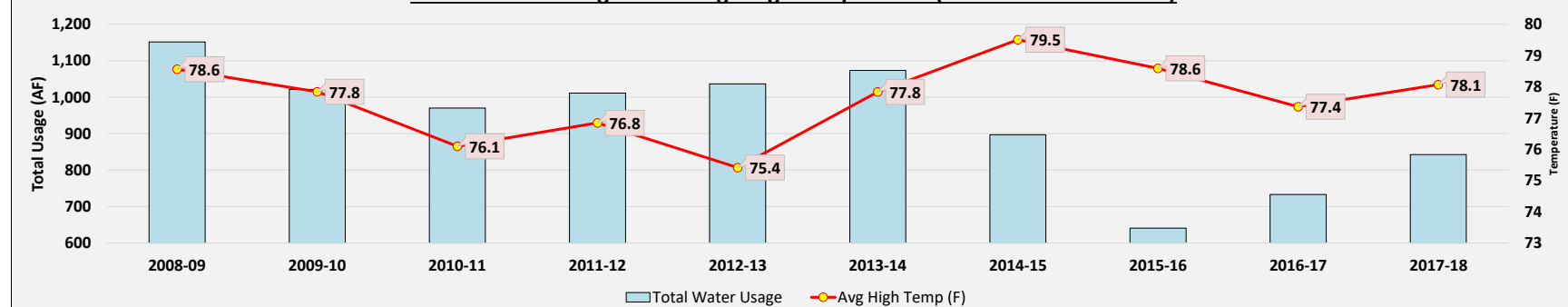
Water Usage Variables

Type of Supply	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Average
Rain Fall (inches)	9.9	16.8	21.4	8.3	6.4	4.4	8.9	8.1	20.5	3.7	10.8
Avg High Temp (F)	78.6	77.8	76.1	76.8	75.4	77.8	79.5	78.6	77.4	78.1	77.6
LA Unemployment %	9.2%	11.6%	11.7%	10.9%	9.6%	8.2%	7.1%	5.4%	4.6%	4.0%	8.2%
Total Water Usage	1,151	1,021	970	1,011	1,037	1,073	897	641	733	842	938

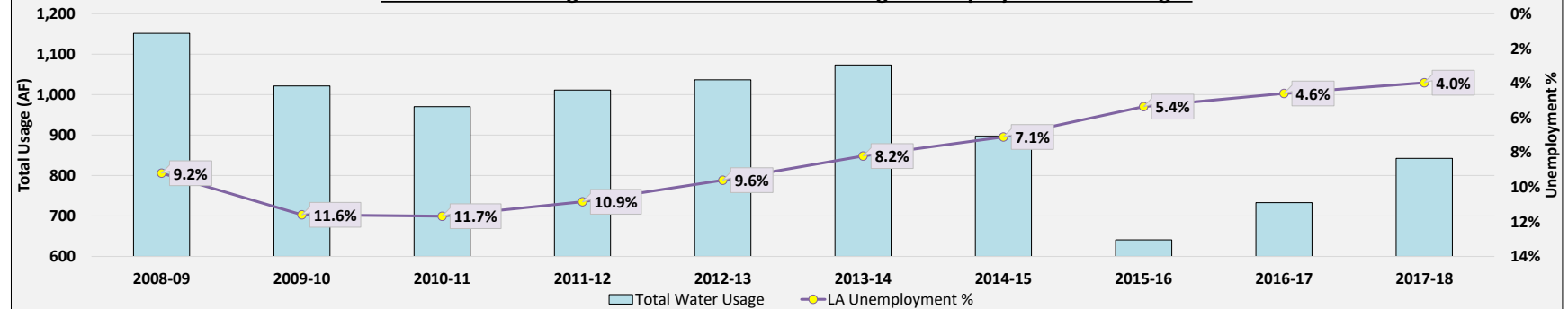
10 Year Water Usage VS Precipitation (SNA #121 Station)



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
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
2017-18 Usage	87	98	77	81	60	70	53	49	45	67	71	84	842
Average of Last 6 FYs	90	97	88	80	69	51	52	51	61	68	78	85	870
Monthly Usage Percentage	10%	11%	10%	9%	8%	6%	6%	6%	7%	8%	9%	10%	100%

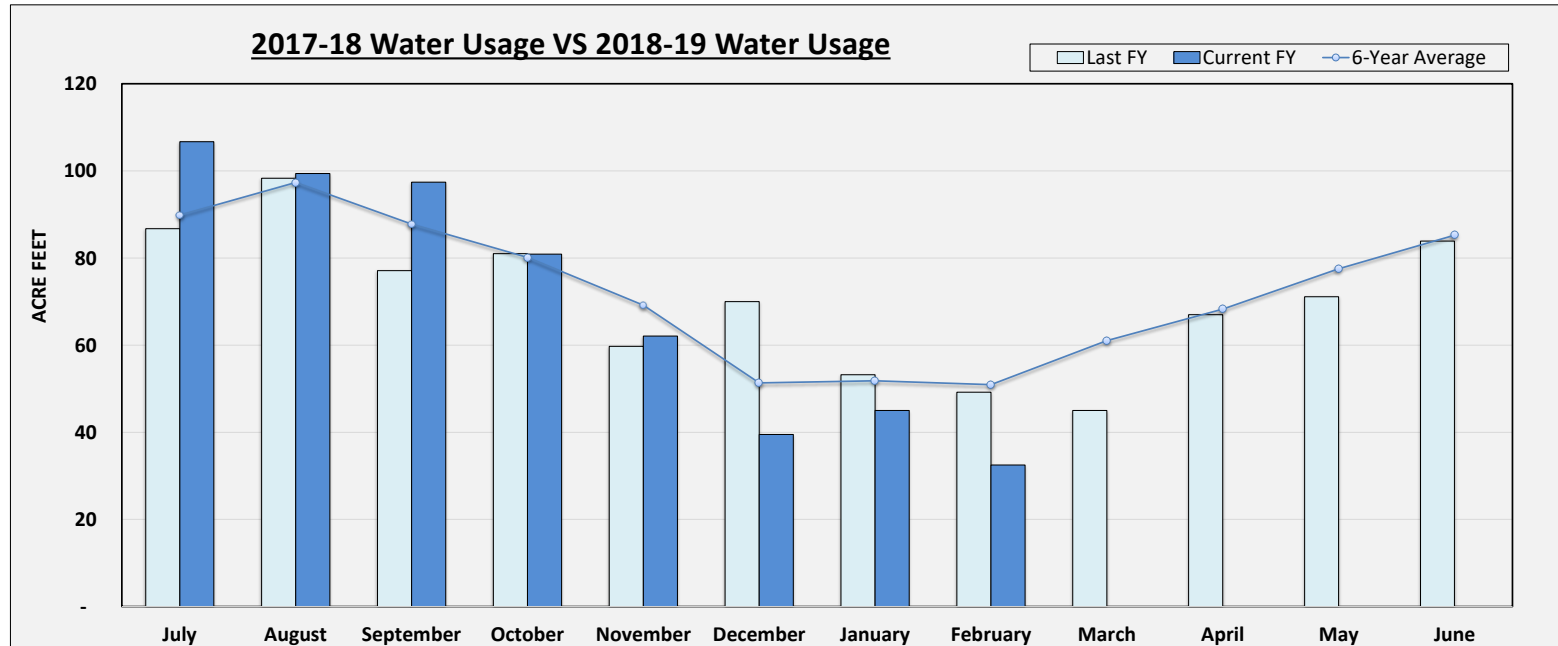
Water Usage By Source

Imported	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWD via EO Wholesale	106.2	28.1	-	-	-	-	0.5	0.5					135.3
CPTP	-	-	22.4	18.6	14.3	9.1	9.9						74.3
MWD In-Lieu*	-	-	-	-	-	-	-	-					-
Imported Total	106	28	22	19	14	9	10	1	-	-	-	-	209.6

*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	0.5	71.3	97.4	80.9	62.1	39.5	44.5	32.0					428.2
Less Fill up Reservoir	-	-	(12.9)	(7.8)	-	-	1.5	(3.4)					(22.6)
Less CPTP	-	-	(22.4)	(18.6)	(14.3)	(9.1)	(9.9)						(74.3)
Local Total (minus reservoir fill up)	0.5	71.3	75	62	48	30	35	32	-	-	-	-	353.9

Total Usage 2018-19	107	99	97	81	62	40	45	33	-	-	-	-	564
FY 17-18 versus FY 18-19	+23%	+1%	+26%	-0%	+4%	-44%	-15%	-34%					

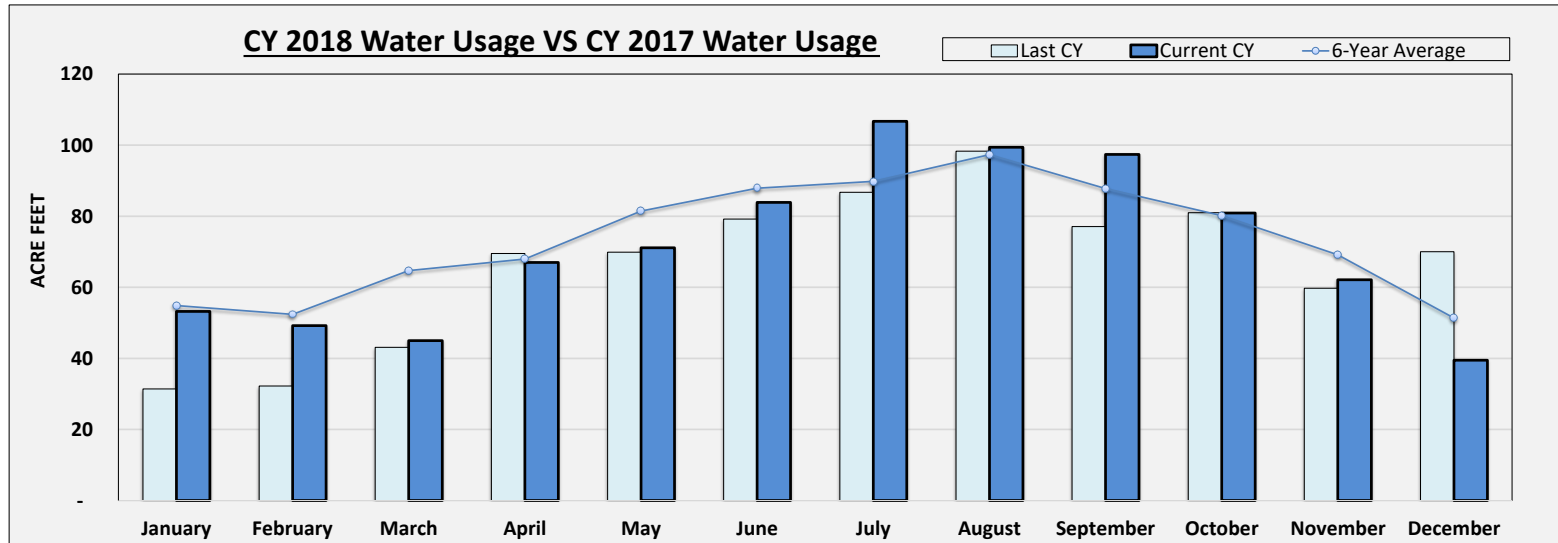


East Orange County Retail Zone Water Usage Report

Historical Monthly Potable Usage (Calendar Year)

Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
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
2017	31	32	43	70	70	79	87	98	77	81	60	70	798
6 year Average	55	52	65	68	81	88	90	97	88	80	69	51	885

Total Water Usage 2018	53	49	45	67	71	84	107	99	97	81	62	40	855
2018 VS 2017 Usage	+69%	+53%	+4%	-4%	+2%	+6%	+23%	+1%	+26%	-0%	+4%	-44%	



	Population	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017 Usage (AF)	3,243	31	32	43	70	70	79	87	98	77	81	60	70	798
2017 GPCD		102	116	140	233	227	265	281	319	258	263	200	227	220
2018 Usage (AF)	3,268	53	49	45	67	71	84	107	99	85	73	62	40	835
2018 GPCD		171	175	145	223	229	279	343	320	281	235	206	127	228
CY over CY change in GPCD		+69	+60	+5	-10	+2	+14	+62	+1	+23	-27	+6	-100	+8

	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2017-18 Usage (AF)	3,243	87	98	77	81	60	70	53	49	45	67	71	84	842
2017-18 GPCD		281	319	258	263	200	227	172	177	146	224	230	281	232
2018-19 Usage (AF)	3,268	107	99	85	73	62	40	47	29	-	-	-	-	541
2018-19 GPCD		343	320	281	235	206	127	150	104	-	-	-	-	222
FY over FY change in GPCD		+62	+1	+23	-27	+6	-100	-23	-73					-10

*Cumulative through the end of the last month shown

*GPCD = (Total Monthly Production - Fill up Reservoir)/ Population/days in the month



East Orange County Retail Zone Water Usage Report

Cumulative Water Usage by Fiscal Year

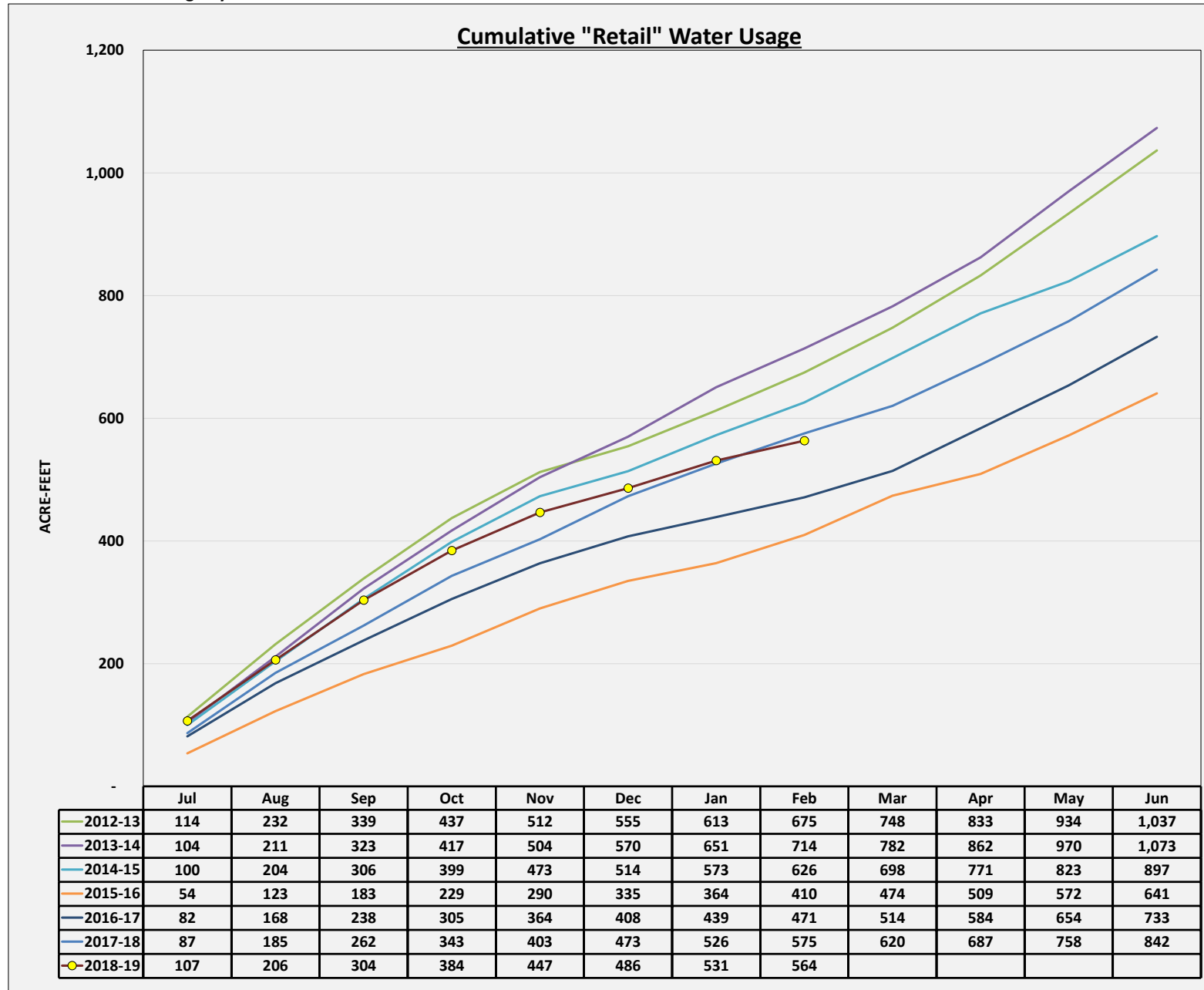


Exhibit N

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
SUBJECT: LEGISLATIVE AND OUTREACH REPORT
DATE: MARCH 21, 2019

Background

Attached are the monthly reports from Lewis & Consulting Group and Townsend & Associates regarding local, regional and state issues and legislation of interest to the District. Additionally, a copy of our print and social media outreach is also attached.

Outreach efforts also included the following:

1. Vista del Lago Septic2Sewer Groundbreaking – February 9, 2019 - A groundbreaking ceremony was held at the project site to celebrate the commencement of the construction phase of the project. Approximately 40 people attended the ceremony including project proponents, the District Board of Directors and staff, and project consultants. Torrential rains fell up to an hour before the ceremony, however by 9:00 a.m., the sun was shining, and the site was sufficiently drained to hold the ceremony.
2. Urban Water Institute – February 27-March 1, 2019 – the conference was attended by Directors Sears and Murdoch, and General Manager Ohlund. Approximately 200 people were in attendance to hear the Keynote Speaker, former DC Water Executive Director, George Hawkins speak about solutions to seemingly insurmountable problems - like our water supply problems in the Delta and the Colorado River, and likened it to the horse manure crisis of the 1800s. While most people only saw the manure problem, others saw opportunity and the potential for change; the creation of the car and truck solved the manure crisis, but perhaps arguably have caused others. Hawkins noted that the only constant is change, and spoke about the 10 year strategic roadmap they created to totally revamp the struggling District of Columbia Water and Sewer Authority into DC Water, a leader in water and wastewater agencies.

Financial Impact

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

Recommendation

The Board receive and file the report.

The County of Orange Report

March 13, 2019
by Lewis Consulting Group



**EDGE TO WAGNER BUT
TOO CLOSE TO CALL**



When the initial absentee ballots were counted, Mayor Don Wagner opened up an 1,800 vote lead. The lead swelled to 3,000 votes when precinct election votes were counted. Usually you would say this election is over, but to do so you would have to know the status of the Democrat's vaunted ballot harvesting program. Have those votes been counted? And if not, how many are there? As of Wednesday morning, the Registrar says there are only 9,233 ballots left to count,



although this number will increase somewhat. Unless the overwhelming majority of uncounted ballots are harvested Democrat votes, Don Wagner will be the new Orange County Supervisor from the Third District.

VOTE TOTALS AS OF WEDNESDAY A.M.

CANDIDATE	TOTAL VOTES	PERCENTAGE
WAGNER	25,017	41.6%
SANCHEZ	22,037	36.6%
MURRAY	4,496	7.5%



Lite Board Agenda on Election Day

The March 12th meeting of the Board of Supervisors led to a shorter than usual meeting undoubtedly accommodating the election day calendars of the four current Supervisors. It also provides yours truly a convenient time to place a small blemish on my near perfect record of Board meeting attendance.

One item of interest on the agenda is approval of a funding agreement to allow the widening of Oso Parkway at Antonio Parkway. Widening is needed to accommodate the future growth in the Rancho Mission Viejo area. Part of the reconstruction will require the relocation of water and sewer lines within the Santa Margarita Water District. The lion's share of the \$2.2 million project will be shouldered by the Ranch Mission Viejo LLC and the Orange County Transportation Authority, with lesser amounts required from the County and SMWD.

Revolutionary New Voting System in our Future

At the February 26, 2019 Board of Supervisors meeting, the Board of Supervisors unanimously voted to allow County Registrar Neal Kelley the ability to issue an RFP for new voting systems to accommodate 188 Vote Centers which will be strategically placed throughout the County. The Vote Centers, now allowed under state law, will bring an end to neighborhood precincts we have been accustomed to.

The Vote Centers will be open for up to ten days prior to the election. A registered voter in Orange County can vote at any of the 188 locations and can drop off completed absentee ballots as well. The life cycle of current voting machines is at their end and it is estimated that moving to the new Vote Center system will result in about \$10 million savings to the County.





ORANGE COUNTY LAFCO Update

EST. 1963

The March 13th LAFCO meeting occurred after our print deadline. The focus of the meeting is the Annual Strategic Planning Workshop. As noted by the LAFCO agenda, "The Strategic Plan Workshop will serve as the foundation for the development of an agency strategic plan and annual work plan to be considered at a future Commissioners meeting".

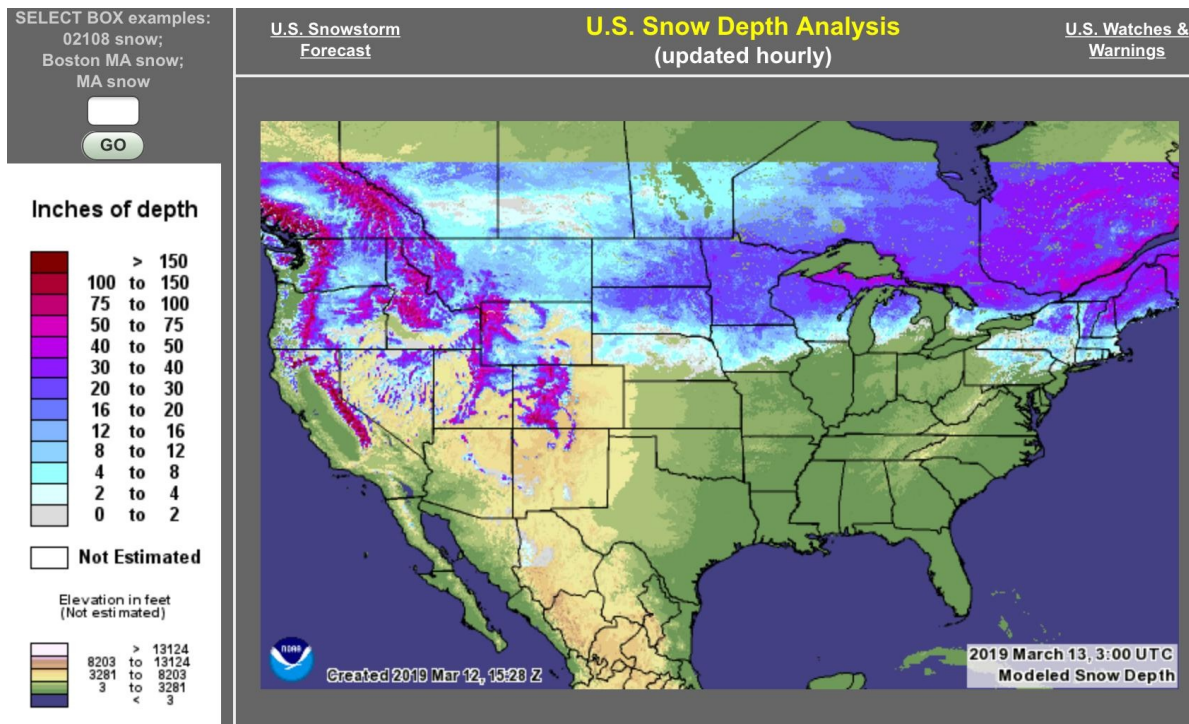
The Strategic Plan Workshop has a wide ranging agenda including:

- ◆ Assessment of LAFCO progress and accomplishments
- ◆ Discussion of public perception - How does LAFCO want to be known?
- ◆ Challenges and Opportunities - looking towards 2023
- ◆ Commission and staff expectations
- ◆ 18 month priorities

All of the above will hugely impact the direction of the Commissioner's 4th Cycle of Sphere of Influence Reviews and Updates and Municipal Services Review.

WHOA NELLIE! *

The turnaround in California's water fortune is nothing less than spectacular. The last estimate for California's Sierra snowpack was approximately 160% of normal. Mammoth Mountain has received 426 inches of snow at 9000 foot elevation. As a result, our drought has been decimated, reservoirs are nearing capacity and the only thing left to fear this year is a sudden warm El Niño rain which could unleash dangerous flooding.



* POPULARIZED BY PAT BUTTRUM, DICK LANE& KEITH JACKSON



FROM THE YEAR 2000
 "Children just aren't going to
 know what snow is"

DR. DAVID VINER
 CLIMATE SCIENTIST
 CLIMATE RESEARCH UNIT
 UNIVERSITY OF EAST ANGLIA - U.K.

California's Disappearing Drought

DROUGHT AT LOWEST POINT

About 99 percent of California is currently drought-free — a stark contrast from March 2016 during the state's historic drought.

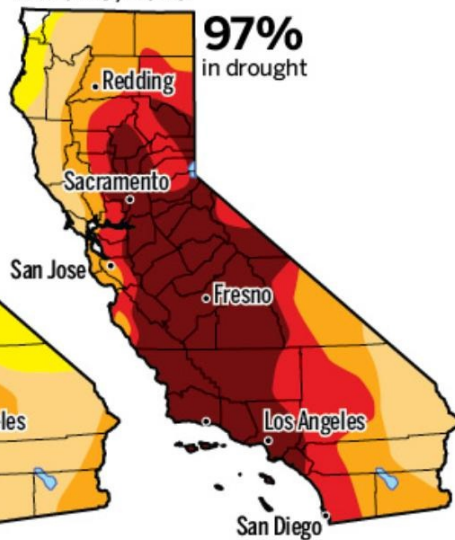
March 5, 2019



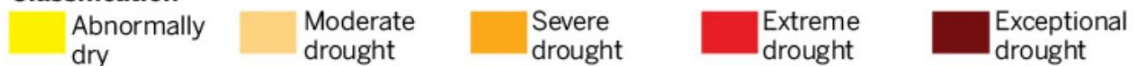
March 6, 2018



March 8, 2016



Classification



Source: U.S. Drought Monitor

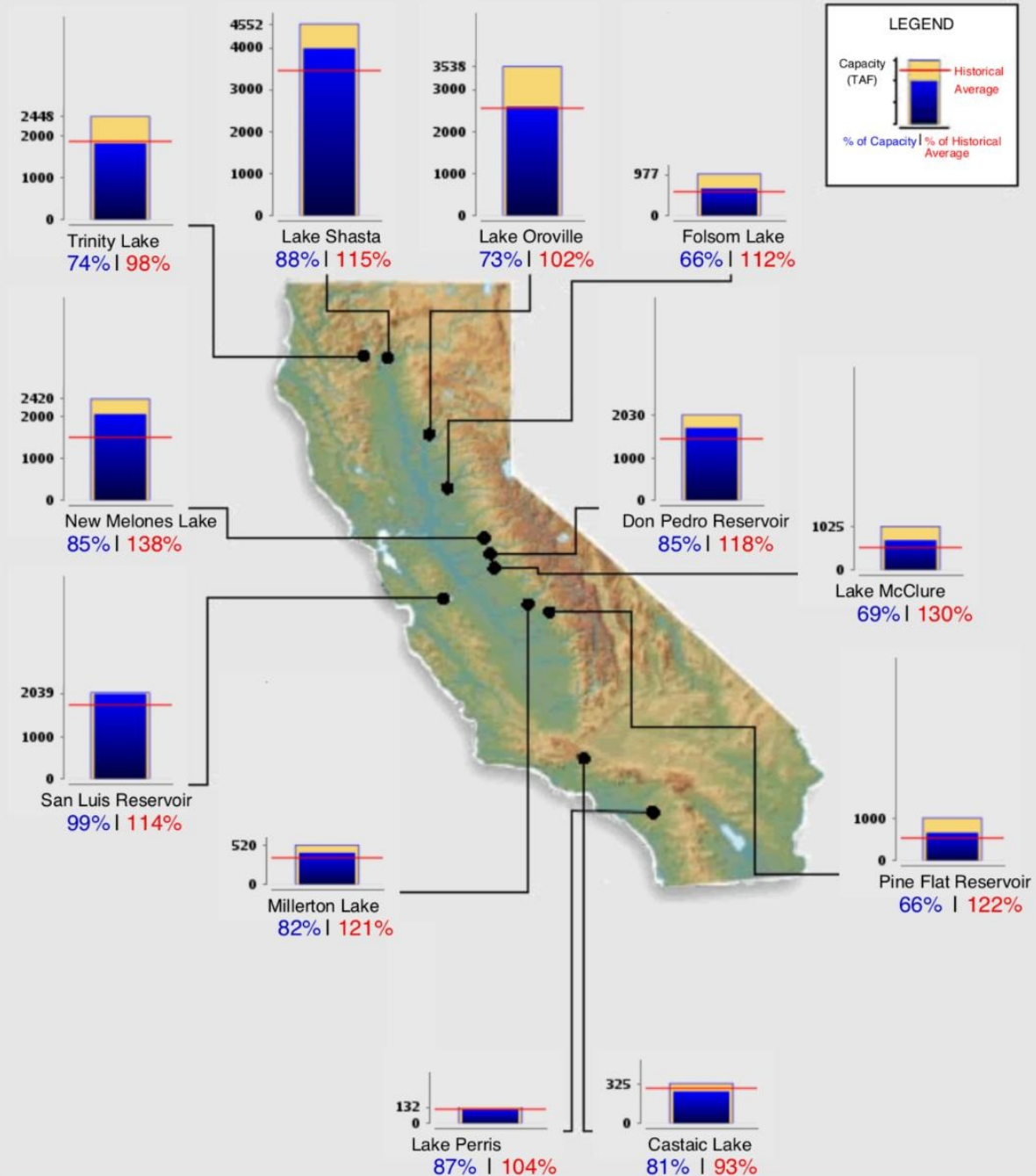
BAY AREA NEWS GROUP



Reservoir Conditions

Ending At Midnight - March 11, 2019

CURRENT RESERVOIR CONDITIONS



Graph Updated 03/12/2019 04:48 PM

The highlight of this map is the much beleaguered Oroville Dam and Reservoir. Only a month ago, Oroville was still at 66% of normal capacity for that time of year. Now it is at 102% of historical capacity.

**Please make sure your
sprinklers are on the
winter setting.**



**TWO
DAYS A
WEEK**

**If you need assistance, please call us at
714 538-5815 and we'll be happy to help you.**



Learn more at www.eocwd.com

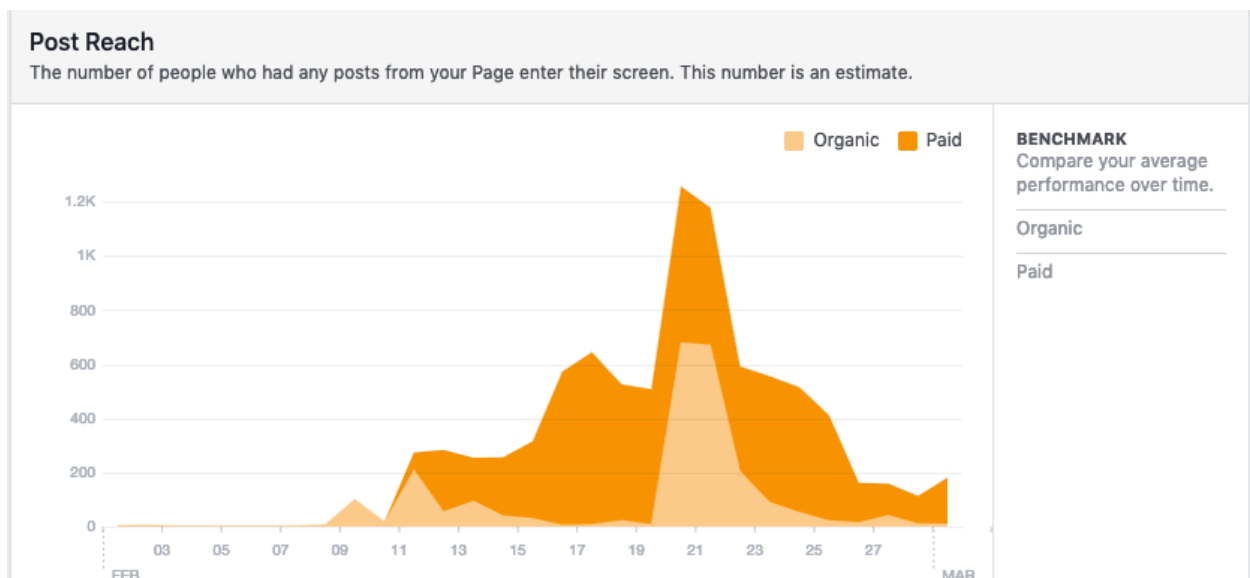
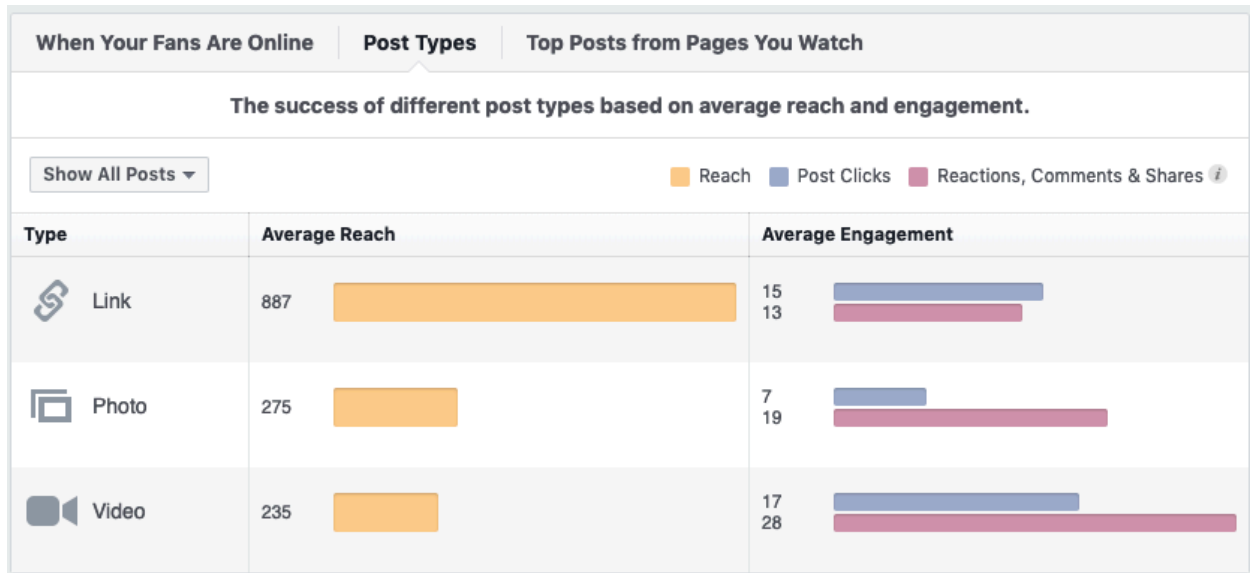
To: Lisa Ohlund, General Manager, EOCWD

From: Justin Glover, Sr. Account Manager, Communications LAB

Date: Monday, March 11, 2019

Re: Social Media Report

Reach (Impressions) – Last Month



























To: Lisa Ohlund, General Manager, EOCWD

From: Justin Glover, Sr. Account Manager, Communications LAB

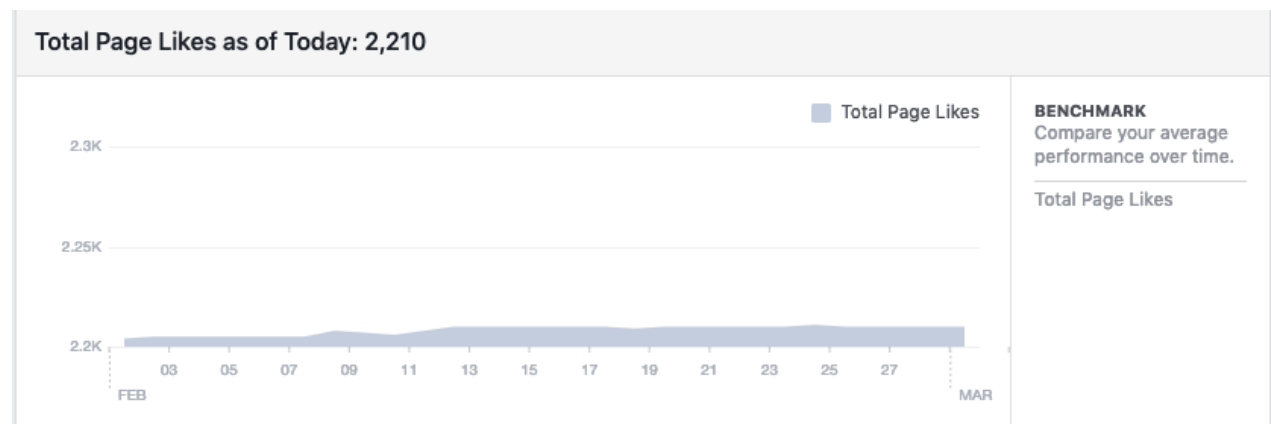
Date: Monday, March 11, 2019

Re: Social Media Report

Post Analysis – Last Month

All Posts Published						
Reach: Organic / Paid Post Clicks Reactions, Comments & Shares						
Published	Post	Type	Targeting	Reach	Engagement	Promote
02/27/2019 3:35 PM	 East Orange County Water District maintains 175 miles of			51	2 4	Boost Post
02/20/2019 4:15 PM	 We congratulate our Vista del Lago neighbors for			728	18 12	View Promotion
02/18/2019 3:00 PM	 The EOCWD Board of Directors will meet this			27	1 0	Boost Post
02/15/2019 3:05 PM	 What is a boil water notice and why is it issued?			4K	57 11	View Promotion
02/13/2019 3:21 PM	 Wildfires affect our sewer systems as well as our water			35	0 2	Boost Post
02/11/2019 3:37 PM	 How do you audit a sewer system? While it sounds like			2K	18 9	View Promotion
02/11/2019 1:48 PM	 ICYMI: This past Saturday, we celebrated the first Septic-to-			132	11 9	Boost Post
02/09/2019 10:13 AM	 We're celebrating the first Septic-to-Sewer project			338	23 47	Boost Post

Page Likes – January 2017 to January 2019



M E M O R A N D U M

To: East Orange County Water District
From: Townsend Public Affairs
Date: March 5, 2019
Subject: Monthly Report for the East Orange County Water District — February 2019

State Political Update

In February, the Legislature was busy preparing for the February 22 bill introduction deadline. Approximately 2,576 bills and resolutions were introduced before the deadline, including 1,799 Assembly Bills and 777 Senate bills. By comparison, there were 2,177 bills introduced before the deadline in 2018. Several hundred of these bills are spot bills that currently contain non-substantive language and will likely be amended over the next several weeks. The Legislature must allow introduced bills to sit for 30 days before it can be heard in a policy or fiscal committee.

Major legislative and policy themes this year include utility and water management, affordable housing, homelessness, and fire prevention.

Below is a list of key upcoming deadlines in the Legislature:

- **April 11** – Spring Recess Begins
- **April 26** – Last day for policy committees to hear and report fiscal bills to fiscal committees
- **May 3** – Last day for policy committees to hear and report non-fiscal bills to the floor

State of the State Address

On February 12, Governor Newsom delivered his first State of the State Address before a joint session of the Legislature. Unlike the last several State of the State Addresses, Governor Newsom used the speech as an opportunity to announce numerous policy positions and new initiatives that his office would be embarking on this year.

Governor Newsom announced that he is redeploying the National Guard troops that are currently deployed at the California/Mexico border, as previously directed by the Brown Administration. Governor Newsom will utilize some of the Guard to prepare for the upcoming fire season by joining CalFire for wildfire prevention and suppression efforts.

Governor Newsom also declared that the State will no longer pursue the High-Speed Rail project as currently envisioned or planned. Instead, the Governor indicated that renewed focus will be spent on completing a high-speed rail segment from Merced to Bakersfield. The Governor feels

that this high-speed rail project is feasible and will help connect job centers within the Central Valley, improve air quality, and reinvigorate the Central Valley economy.

The Governor went on to state that he also does not support the WaterFix (Delta Tunnels) proposal as currently presented. Instead of the two-tunnel approach, Governor Newsom indicated that he is supportive of a single tunnel, which can help protect the State's water supply from climate change and natural disaster, preserve the Delta ecosystem, and provide water to cities and agriculture in the Central Valley and Southern California. Additionally, the Governor announced that he is appointing Joaquin Esquivel as the new Chair of the State Water Resources Control Board and replacing former Chair Felicia Marcus on the Board.

Lastly, Governor Newsom, in the wake of the PG&E bankruptcy, has created a strike team of financial experts and bankruptcy lawyers that will be developing a comprehensive strategy to be presented in 60 days. The strike team will primarily focus on protection for ratepayers, fairness for employees, and justice for fire victims.

Economic Update

In February, the California Department of Finance released its first economic update of 2019. The report analyzes economic data from December 2018 as the report runs about two months behind the month in question.

In December, California added 24,500 jobs following a gain of 25,700 in November. Year-over year payrolls expanded by 1.7 percent in California compared to 1.8 percent in the nation. California added most its jobs in the following industries: Leisure and hospitality, education and health, government, professional and business services, and financial activities.

California's residential building permits totaled 96,000 units in December which reflects a 22.9 percent decrease from the year prior. Permits for single-family housing fell 26.9 percent while permits for multi-family housing increased by 37.4 percent. Total residential permits for 2018 averaged 114,000, only 500 units above the 2017 annual average.

Preliminary General Fund agency cash for the first seven months of the fiscal year is \$2.346 billion below the 2019-20 Governor's budget forecast of \$79.36 billion. Revenues for January 2019 were \$2.791 billion below the Governor's budget, due primarily to a shortfall in personal income tax estimated payments. Since the Federal tax law changes enacted in December 2017, the pattern of state estimated payments has changed with higher revenues in April expected to partially offset the lower revenues in December and January.

Accessory Dwelling Units (ADUs)

On January 31, the Assembly Housing and Community Development and Local Government Committees held a joint hearing on the law and policy issues surrounding Accessory Dwelling Units (ADUs). Below is a series of notes and observations made from this hearing:

Overview of ADUs

The first laws regarding the permitting of ADUs were enacted in 1982. Since that time, portions of the State have embraced ADUs as a means to increase housing production, while other communities have remained wary of the impacts. Since 2017, HCD has the authority to oversee

ADU permitting which includes reviewing and addressing compliance issues – however the department has no enforcement abilities.

Potential Problems

In reviewing the panel statements, questions and comments from the legislators, and public opinion the three potential problems municipalities and homeowners face is:

- Compliance issues surrounding parking
- The impact of fee assessments
- The requirement that the primary homeowner also reside in the residence

Potential Benefits

The committee and panelists also highlighted the potential benefits of ADUs and the role they will play in the State's future housing goals. Governor Newsom has identified a plan that would call for building 400,000 new units of housing per year for 8 years. One benefit of ADUs is affordability as the cost to develop an ADU is significantly less than to build a new unit on a new parcel of land. Over 70 percent of the State's land is zoned for single family homes. ADUs would fit within that area and allow a significant amount of housing growth without the need to re-zone large portions of the State for multi-family or other forms of housing. Another potential benefit is that ADUs present an opportunity for homeowners, many of whom may not be able to afford their house without an ADU, to generate a steady source of income. ADUs have steadily increased in popularity among single family owners within urban areas.

Looking Ahead

The committee emphasized the ability to balance the desire of municipalities, special districts, and residents with the urgent need to increase the State's housing stock. The committee also recognized that fees assessed to ADUs are important but that the costs should be based on scale. For example, the same fees that a district may charge for a new home should not be passed on to a homeowner who is adding an ADU. Assembly Member Chiu (D-San Francisco), Chair of the Assembly Housing and Community Development Committee, highlighted the fact that ADUs will be a "topic of increasing importance" in 2019, especially if the Legislature is committed to meeting Governor Newsom's housing production plans.

Wildfire and Emergency Response and Preparedness

On January 30, the Senate Budget and Fiscal Review Committee held an informational hearing on Wildfire and Emergency Response Preparedness. The hearing called on experts from the Legislative Analyst's Office, Office of Emergency Services (CalOES), Department of Resources Recycling and Recovery (CalRecycle), and the Department of Forestry and Fire Protection (CalFire) to address questions and concerns about the state of emergency response in California. Below is a series of notes and observations made from this hearing:

CalOES

CalOES operates as a liaison between the State and the Federal Emergency Management Administration (FEMA). In 2017 and 2018, the President declared an Emergency for wildfires in California, thus beginning a process by which Congress directs funds to the State through FEMA. Typically, the payout for a cost of an emergency is a 75-25 split – however the State requested a

90-10 split in 2017 and was awarded that exemption. However, for the 2018 fires, the Trump Administration has signaled an unwillingness to grant that exemption.

CalOES used their testimony to recommend upgrades to the entire state-wide emergency IP-based Next Gen system that will enable real-time transmission of emergency-related voice, text, data, photos and video between the public and public safety agencies.

Furthermore, in an effort to encourage the creation of Hazard Mitigation Plans, CalOES will increase outreach to stakeholders for the Hazard Mitigation Grant Program to ensure that they realize the resources available to them.

CalFire

CalFire played the most active role in fighting last year's fires as the State's primary resource management and wildland fire protection service. CalFire operates 234 fire stations and contracts with agencies in six counties. The Governor's January Budget proposes \$2.6 billion for CalFire in 2019-2020.

CalFire considers the effects of climate change in its short- and long-term outlooks. CalFire went on to state that the added cost of fighting wildfires and prevention efforts will increase significantly over the next decade as a result of climate change. CalFire is preparing to alleviate some of the problems posed by increasing fuel management programs throughout the State.

Another area of concern for CalFire is the Wildland Urban Interface (WUI). The WUI is the area where houses and wildland vegetation intermingle and where wildfire problems are most pronounced. When people build houses in the WUI it poses two problems related to wildfires. First, there will be more wildfires due to accidental human ignitions. Second, wildfires that do occur in the wild will pose a greater risk to lives and homes. CalFire recommends the State study WUI communities so that local governments can use the data to guide future planning efforts.

CalFire understands the need to invest in the State's firefighting infrastructure, therefore CalFire is in the process of acquiring \$109 million worth of firefighting helicopters. The agency is also working with the U.S. Department of Defense on a program to convert C-130 military aircraft for the purpose of aerial firefighting efforts. The agency is also requesting 13 year-around fire engines that can be deployed for fire prevention missions as well as firefighting missions.

Federal Legislative Update

The federal government avoided another shutdown in February after Congress reached a bipartisan deal to fund agencies through the end of September 2019. As he signed the new funding package, President Trump also signed a proclamation to declare a national emergency at the southern border and to redirect federal funding towards the construction of a border wall. While this emergency declaration will face an array of legislative and legal challenges, Congress has been able to move forward with setting its agenda for the 116th Congress, including investing in infrastructure and reauthorizing the Land and Water Conservation Fund. TPA remains engaged with your congressional leaders to ensure they have the support they need in Washington, DC to promote your priorities.

Appropriations and National Emergency Declaration

On February 15, President Trump signed bipartisan legislation to fund the government through the end of Fiscal Year 2019. Under the bill, the Homeland Security Department will receive \$1.38 billion for fencing along the southern border, and agencies affected by the 35-day government shutdown would be funded through September 30, 2019. It would also fund a retroactive pay raise for federal workers of at least 1.9 percent, overriding President Trump's federal pay freeze enacted late last year.

Additionally, President Trump signed a proclamation declaring a national emergency at the border, which allows the Administration to redirect funds towards a construction of a border wall and call up military reservists to support activities at the border.

In addition to \$1.38 billion for fencing included in the funding bill, President Trump's national emergency declaration lets the Administration draw money from a mixture of drug forfeiture funds, military projects, and other accounts to build more than 234 miles of new barriers. This could include \$600 million from a Treasury Department drug forfeiture fund, \$2.5 billion from a Defense Department drug interdiction program, and \$3.6 billion in military construction funds.

The State of California is leading 15 other states in suing to block the emergency declaration. The House also passed a joint resolution to disapprove of the President's declaration. As of this writing, only one additional Republican Senator needs to join the Senators Collins, Murkowski, and Tillis and all Democratic Senators to send this disapproval resolution to the President's desk. If passed by both chambers, President Trump would be expected to use his veto authority for the first time and there is not expected to be enough support in Congress to override a veto.

Water Recycling Legislation Introduced

On February 13, Congresswoman Grace Napolitano (D-CA) reintroduced a bill to support investment in water recycling and reuse projects through the Bureau of Reclamation's Title XVI program.

The Congresswoman's legislation, the Water Recycling Investment and Improvement Act, would:

- Increase the annual funding authorization for the Title XVI program from \$50 million to \$500 million;
- Permanently authorize the Title XVI program (currently expires in 2021);
- Strike the requirement that projects must be in drought or disaster areas;
- Strike the requirement that projects need to be designated in appropriations legislation; and
- Increase the limitation on the federal share of individual Title XVI projects from the current \$20 million in October 1996 prices to \$30 million in January 2019 prices.

As the new Chairwoman of the House Transportation and Infrastructure Subcommittee on Water Resources and Environment, Congresswoman Napolitano is in a key position to champion the Title XVI program in the next two years. This legislation will be one of the Congresswoman's main priorities as her Subcommittee works to develop a new Water Resources Development Act (WRDA) bill.

Trump Administration Advances Replacement of "Waters of the U.S" (WOTUS) Rule

On February 14, the U.S. Environmental Protection Agency and Army Corps of Engineers moved forward to advance a proposed replacement of an Obama-era regulation that redefined which bodies of water are covered by federal anti-pollution laws.

The Trump Administration's proposal would exempt irrigation ditches, wetlands unconnected to a river, and ephemeral streams that flow after a rainstorm from federal water regulations. These areas would have been subject to federal protection under the Obama Administration's 2015 WOTUS rule. After delays in the Obama-era rule's implementation due to ongoing litigation, President Trump signed an executive order in February 2017 providing for administrative review of the rule and its eventual repeal or replacement. Comments on the Trump Administration's proposal must be submitted by April 15, 2019.

East Orange County Water District

Priority Legislation

March 5, 2019

[AB 11](#)

([Chiu](#) D) Community Redevelopment Law of 2019.

Current Text: Introduced: 12/3/2018 [html](#) [pdf](#)

Introduced: 12/3/2018

Location: 1/17/2019-A. H. & C.D.

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

Summary: Current law dissolved redevelopment agencies as of February 1, 2012, and designates successor agencies to act as successor entities to the dissolved redevelopment agencies. This bill, the Community Redevelopment Law of 2019, would authorize a city or county, or two or more cities acting jointly, to propose the formation of an affordable housing and infrastructure agency by adoption of a resolution of intention that meets specified requirements, including that the resolution of intention include a passthrough provision and an override passthrough provision, as defined.

Position

[AB 68](#)

([Ting](#) D) Land use: accessory dwelling units.

Current Text: Introduced: 12/3/2018 [html](#) [pdf](#)

Introduced: 12/3/2018

Location: 1/17/2019-A. H. & C.D.

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

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 required ordinance standards, including, among others, maximum unit size, parking, and height standards. This bill would prohibit an ordinance from imposing requirements on minimum lot size, lot coverage, or floor area ratio, and would prohibit an ordinance from establishing size requirements for accessory dwelling units that do not permit at least an 800 square feet unit of at least 16 feet in height to be constructed.

Position

[AB 69](#)

([Ting](#) D) Land use: accessory dwelling units.

Current Text: Introduced: 12/3/2018 [html](#) [pdf](#)

Introduced: 12/3/2018

Location: 1/17/2019-A. H. & C.D.

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

Summary: Would authorize the Department of Housing and Community Development to submit written findings to a local agency as to whether the local ordinance complies with state law, and to notify the Attorney General if the ordinance violates state law. The bill would require a local agency to consider the department's findings and would authorize the local agency to amend its ordinance to comply with state law or adopt a resolution with findings explaining why the ordinance complies with state law, and addressing the department's findings.

Position

[AB 134](#)

([Bloom](#) D) Safe, clean, affordable, and accessible drinking water.

Current Text: Introduced: 12/5/2018 [html](#) [pdf](#)

Introduced: 12/5/2018

Location: 12/5/2018-A. PRINT

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

Summary: Would state findings and declarations relating to the intent of the Legislature to adopt policies to ensure that every Californian has the right to safe, clean, affordable, and accessible drinking water.

Position

[AB 217](#)

([Garcia, Eduardo](#) D) Safe and Affordable Drinking Water Fund.

Current Text: Introduced: 1/16/2019 [html](#) [pdf](#)

Introduced: 1/16/2019

Location: 2/4/2019-A. E.S. & T.M.

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 available, upon appropriation by the Legislature, to the board to provide a stable source of funding to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure.

Position

[AB 223](#)

([Stone, Mark](#) D) California Safe Drinking Water Act: microplastics.

Current Text: Introduced: 1/16/2019 [html](#) [pdf](#)

Introduced: 1/16/2019

Location: 2/4/2019-A. E.S. & T.M.

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

Summary: The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law requires the state board, on or before July 1, 2020, to adopt a definition of microplastics in drinking water and, on or before July 1, 2021, to adopt a standard methodology to be used in the testing of drinking water for microplastics and requirements for 4 years of testing and reporting of microplastics in drinking water, including public disclosure of those results. This bill would require the state board, to the extent possible, and where feasible and cost effective, to work with the State Department of Public Health in complying with those requirements.

Position

[AB 231](#)

([Mathis](#) R) California Environmental Quality Act: exemption: recycled water.

Current Text: Introduced: 1/17/2019 [html](#) [pdf](#)

Introduced: 1/17/2019

Location: 2/7/2019-A. NAT. RES.

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

Summary: Would exempt from CEQA a project to construct or expand a recycled water pipeline for the purpose of mitigating drought conditions for which a state of emergency was proclaimed by the Governor if the project meets specified criteria. Because a lead agency would be required to determine if a project qualifies for this exemption, this bill would impose a state-mandated local program. The bill would also exempt from CEQA the development and approval of building standards by state agencies for recycled water systems.

Position

AB 292**(Quirk D)** *Recycled water: raw water and groundwater augmentation.***Current Text:** Amended: 3/4/2019 [html](#) [pdf](#)**Introduced:** 1/28/2019**Last Amend:** 3/4/2019**Location:** 2/7/2019-A. E.S. & T.M.

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

Calendar: 3/12/2019 1:30 p.m. - State Capitol, Room 444 ASSEMBLY ENVIRONMENTAL SAFETY AND TOXIC MATERIALS, QUIRK, Chair

Summary: Current law requires the State Water Resources Control Board, on or before December 31, 2023, to adopt uniform water recycling criteria for direct potable reuse through raw water augmentation, as specified. Existing law defines “direct potable reuse” and “indirect potable reuse for groundwater recharge” for these purposes. This bill would eliminate the definition of “direct potable reuse” and instead would substitute the term “groundwater augmentation” for “indirect potable reuse for groundwater recharge” in these definitions. The bill would revise the definition of “treated drinking water augmentation.”

*Position***AB 382****(Mathis R)** *Integrated regional water management plans: grant funding: upper watershed health.***Current Text:** Introduced: 2/5/2019 [html](#) [pdf](#)**Introduced:** 2/5/2019**Location:** 2/15/2019-A. W.,P. & W.

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

Calendar: 3/12/2019 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, EDUARDO, Chair

Summary: Current law provides that an integrated regional water management plan is eligible for funding allocated specifically for implementation of integrated regional water management. Current law requires certain state agencies to include in any set of criteria used to select projects and programs for funding, a criterion that provides a preference for regional projects or programs. This bill would require the department to include in any criteria used to select a project or program for grant funding authorized on or after January 1, 2020 a criterion that provides a preference for a regional water management group undertaking a project improving upper watershed health upstream and outside of the defined geographical area covered by the group's plan.

*Position***AB 405****(Rubio, Blanca D)** *Sales and use taxes: exemption: water treatment.***Current Text:** Introduced: 2/7/2019 [html](#) [pdf](#)**Introduced:** 2/7/2019**Location:** 2/15/2019-A. REV. & TAX

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

Calendar: 3/11/2019 2:30 p.m. - State Capitol, Room 126 ASSEMBLY REVENUE AND TAXATION, BURKE, Chair

Summary: Would exempt from Sales and Use Tax the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, chemicals used to treat water, recycled water, or wastewater regardless of whether those chemicals or other agents become a component part thereof and regardless of whether the treatment takes place before or after the delivery to consumers.

*Position***AB 441****(Eggman D)** *Water: underground storage.*

Current Text: Introduced: 2/11/2019 [html](#) [pdf](#)

Introduced: 2/11/2019

Location: 2/21/2019-A. W., P. & W.

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

Calendar: 3/26/2019 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, EDUARDO, Chair

Summary: Under current law, the right to water or to the use of water is limited to that amount of water that may be reasonably required for the beneficial use to be served. Current law provides for the reversion of water rights to which a person is entitled when the person fails to beneficially use the water for a period of 5 years. Current law declares that the storing of water underground, and related diversions for that purpose, constitute a beneficial use of water if the stored water is thereafter applied to the beneficial purposes for which the appropriation for storage was made. This bill would revise the above declaration to additionally provide that certain uses of stored water while underground constitute beneficial use.

Position

[AB 508](#)

([Chu](#) D) *Drinking water: administrator: consolidation and extension of service.*

Current Text: Introduced: 2/13/2019 [html](#) [pdf](#)

Introduced: 2/13/2019

Location: 2/13/2019-A. PRINT

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

Summary: The California Safe Drinking Water Act authorizes the State Water Resources Control Board to contract with, or provide a grant to, an administrator to provide administrative, technical, operational, or managerial services, or any combination of those services, to a designated water system to assist with the provision of an adequate supply of affordable, safe drinking water. The act also authorizes the state board to order a designated water system to accept those services from an administrator appointed by the state board for full oversight of construction or development projects related to a consolidation or extension of service. This bill would make nonsubstantive changes in those provisions.

Position

Spot

[AB 510](#)

([Cooley](#) D) *Local government records: destruction of records.*

Current Text: Introduced: 2/13/2019 [html](#) [pdf](#)

Introduced: 2/13/2019

Location: 2/21/2019-A. L. GOV.

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

Summary: Current law authorizes the head of a department of a county or city, or the head of a special district to destroy recordings of telephone and radio communications maintained by that county, city, or special district after 100 days if that person receives approval from the legislative body and the written consent of the agency attorney. This bill would exempt the head of a department of a county or city, or the head of a special district from these recording retention requirements if the county, city, or special district adopts a records retention policy governing recordings of routine video monitoring and recordings of telephone and radio communications.

Position

[AB 533](#)

([Holden](#) D) *Income taxes: exclusion: water conservation or efficiency programs: water runoff management improvement program.*

Current Text: Introduced: 2/13/2019 [html](#) [pdf](#)

Introduced: 2/13/2019

Location: 2/21/2019-A. REV. & TAX

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

Calendar: 3/18/2019 2:30 p.m. - State Capitol, Room 126 ASSEMBLY REVENUE AND TAXATION, BURKE,

Chair

Summary: The Personal Income Tax Law and the Corporation Tax Law, in conformity with federal income tax law, generally defines “gross income” as income from whatever source derived, except as specifically excluded, and provides various exclusions from gross income. This bill would provide an exclusion from gross income for any amount received as a rebate, voucher, or other financial incentive issued by a local water agency or supplier for any water conservation or efficiency program or water runoff management improvement program, as provided.

Position

[AB 557](#)

(Wood D) Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program.

Current Text: Introduced: 2/13/2019 [html](#) [pdf](#)

Introduced: 2/13/2019

Location: 2/25/2019-A. W., P. & W.

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

Calendar: 3/26/2019 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, EDUARDO, Chair

Summary: Would appropriate \$9,250,000 from the General Fund to the Department of Water Resources in the 2019–20 fiscal year to operate the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program.

Position

[AB 636](#)

(Gray D) State Water Resources Control Board: water quality objectives.

Current Text: Introduced: 2/15/2019 [html](#) [pdf](#)

Introduced: 2/15/2019

Location: 2/15/2019-A. PRINT

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

Summary: Would prohibit the State Water Resources Control Board from implementing water quality objectives for which the state board makes a certain finding relating to environmental quality until it has submitted the water quality objectives and a statement of that finding to the appropriate policy committees of the Legislature and each committee has held a hearing on these matters.

Position

[AB 637](#)

(Gray D) State Water Resources Control Board: regional water quality control boards: severely disadvantaged communities: drinking water supplies.

Current Text: Introduced: 2/15/2019 [html](#) [pdf](#)

Introduced: 2/15/2019

Location: 2/25/2019-A. E.S. & T.M.

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

Summary: Would prohibit the State Water Resources Control Board or a regional board from adopting or implementing any policy or plan that results in a direct or indirect reduction to the drinking water supplies that serve a severely disadvantaged community, as defined.

Position

[AB 658](#)

(Arambula D) Water rights: water management.

Current Text: Introduced: 2/15/2019 [html](#) [pdf](#)

Introduced: 2/15/2019

Location: 2/25/2019-A. W., P. & W.

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

Summary: Would authorize a groundwater sustainability agency or local agency to apply for, and the State Water Resources Control Board to issue, a conditional temporary permit for diversion of surface water to underground storage for beneficial use that advances the sustainability goal of a groundwater basin, as specified.

Position

[AB 756](#)

([Garcia, Cristina](#) D) Public water systems: perfluorooctanoic acid and perfluorooctane sulfonate.

Current Text: Introduced: 2/19/2019 [html](#) [pdf](#)

Introduced: 2/19/2019

Location: 2/28/2019-A. E.S. & T.M.

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

Summary: Would require a public water system to monitor for perfluorooctanoic acid and perfluorooctane sulfonate.

Position

[AB 937](#)

([Rivas, Robert](#) D) Waste discharge requirements: produced water: oil and gas operations.

Current Text: Introduced: 2/20/2019 [html](#) [pdf](#)

Introduced: 2/20/2019

Location: 3/4/2019-A. E.S. & T.M.

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

Summary: Would authorize a regional board to approve a waste discharge requirement for the use or reuse of produced water from an oil and gas operation for agricultural purposes or for groundwater recharge, only if, after a public hearing, it finds that the California Council on Science and Technology has reviewed the best available independent scientific evidence and has found the use will not pose a significant risk to the public from any contaminants in the produced water, as provided.

Position

[AB 955](#)

([Gipson](#) D) Water quality.

Current Text: Introduced: 2/21/2019 [html](#) [pdf](#)

Introduced: 2/21/2019

Location: 2/21/2019-A. PRINT

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

Summary: The Porter-Cologne Water Quality Control Act establishes a statewide program for the control of the quality of all the waters in the state and makes related legislative findings and declarations. This bill would make nonsubstantive changes to the legislative findings and declarations.

Position

Spot

[AB 1021](#)

([Frazier](#) D) Groundwater recharge facilities financing.

Current Text: Introduced: 2/21/2019 [html](#) [pdf](#)

Introduced: 2/21/2019

Location: 2/21/2019-A. PRINT

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

Summary: The Groundwater Recharge Facilities Financing Act authorizes the Department of Water Resources to make loans to local agencies to aid in the conduct of projects for artificial groundwater recharge, as prescribed. This bill would make a nonsubstantive change in the legislative findings and declarations of the act.

Position

Spot

[AB 1194](#)

([Frazier](#) D) Sacramento-San Joaquin Delta: Delta Stewardship Council.

Current Text: Introduced: 2/21/2019 [html](#) [pdf](#)

Introduced: 2/21/2019

Location: 2/21/2019-A. PRINT

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

Summary: Would increase the membership of the Delta Stewardship Council to 13 members, including 11 voting members and 2 nonvoting members, as specified. By imposing new duties upon local officials to appoint new members to the council, the bill would impose a state-mandated local program.

Position

[AB 1204](#)

([Rubio, Blanca D](#)) Public water systems: primary drinking water standards: implementation date.

Current Text: Introduced: 2/21/2019 [html](#) [pdf](#)

Introduced: 2/21/2019

Location: 2/21/2019-A. PRINT

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

Summary: Would require the adoption or amendment of a primary drinking water standard for a contaminant in drinking water not regulated by a federal primary drinking water standard or that is more stringent than a federal primary drinking water standard to take effect 3 years after the date on which the state board adopts or amends the primary drinking water standard. The bill would authorize the state board to delay the effective date of the primary drinking water standard adoption or amendment by no more than 2 additional years as necessary for capital improvements to comply with a maximum contaminant level or treatment technique.

Position

[AB 1381](#)

([Salas D](#)) Safe Drinking Water Plan.

Current Text: Introduced: 2/22/2019 [html](#) [pdf](#)

Introduced: 2/22/2019

Location: 2/22/2019-A. PRINT

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

Summary: Current law, known as the California Safe Drinking Water Act, requires the State Water Resources Control Board to maintain a drinking water program and carry out various duties, responsibilities, and functions relating to drinking water, including submission to the Legislature, every 5 years, of a comprehensive Safe Drinking Water Plan for California. This bill would make nonsubstantive changes to the provision requiring submission of a Safe Drinking Water Plan.

Position

[AB 1486](#)

([Ting D](#)) Local agencies: surplus land.

Current Text: Introduced: 2/22/2019 [html](#) [pdf](#)

Introduced: 2/22/2019

Location: 2/22/2019-A. PRINT

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

Summary: Current law prescribes requirements for the disposal of surplus land by a local agency. This bill would expand the definition of "local agency" to include sewer, water, utility, and local and regional park districts, joint powers authorities, successor agencies to former redevelopment agencies, housing authorities, and other political subdivisions of this state and any instrumentality thereof that is empowered to acquire and hold real property, thereby requiring these entities to comply with these requirements for the disposal of surplus land.

Position

[AB 1588](#)

([Gloria D](#)) Drinking water and wastewater operator certification programs.

Current Text: Introduced: 2/22/2019 [html](#) [pdf](#)

Introduced: 2/22/2019

Location: 2/22/2019-A. PRINT

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

Summary: Would require for purposes of water treatment operator certification experience a treatment plant using advanced water treatment processes, as defined, that treats water of wastewater origin for purposes of water reuse to be considered to provide certain equivalent experience to working at a water treatment plant. The bill would require for purposes of water distribution operator certification experience operation of a recycled water distribution system to be considered to provide equivalent experience to operating a potable distribution system.

Position

[SB 13](#)

([Wieckowski D](#)) Accessory dwelling units.

Current Text: Introduced: 12/3/2018 [html](#) [pdf](#)

Introduced: 12/3/2018

Location: 12/3/2018-S. RLS.

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

Summary: Would express the intent of the Legislature to enact legislation that would reduce impact fees and other existing barriers for homeowners seeking to create accessory dwelling units for the purpose of creating additional residential housing within their neighborhoods.

Position

[SB 33](#)

([Skinner D](#)) Solid waste: reduction and recycling.

Current Text: Introduced: 12/3/2018 [html](#) [pdf](#)

Introduced: 12/3/2018

Location: 12/3/2018-S. RLS.

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

Summary: The California Integrated Waste Management Act of 1989, administered by the Department of Resources Recycling and Recovery, generally regulates the disposal, management, and recycling of solid waste. This bill would state the intent of the Legislature to enact legislation that would address the collapse of foreign recycling markets by reducing solid waste generation, encouraging transition to compostable or recyclable materials, and fostering domestic recycling markets.

Position

[SB 134](#)

([Hertzberg D](#)) Water conservation: water loss performance standards: enforcement.

Current Text: Introduced: 1/15/2019 [html](#) [pdf](#)

Introduced: 1/15/2019

Location: 1/24/2019-S. N.R. & 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 issue information orders, written notices, and conservation orders to an urban retail water supplier that does not meet its urban water use objective, and existing law authorizes the board to impose civil liability for a violation of an order or regulation issued pursuant to these provisions, as specified. Current law requires the board, no earlier than January 1, 2019, and no later than July 1, 2020, to adopt rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. This bill would prohibit the board from imposing liability for a violation of the performance standards for the volume of water losses except as part of the enforcement of an urban water use objective.

Position

[SB 166](#)

([Wiener D](#)) *Process water treatment systems: breweries and wineries: water quality criteria.*

Current Text: Introduced: 1/28/2019 [html](#) [pdf](#)

Introduced: 1/28/2019

Location: 2/6/2019-S. E.Q.

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

Calendar: 3/20/2019 Upon adjournment of Environmental Quality Committee - Room 3191

SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Would require the State Water Resources Control Board, on or before December 1, 2025, in consultation with the State Department of Public Health – Food and Drug Branch, to adopt regulations for microbiological, chemical, and physical water quality and treatment requirements for the onsite treatment and reuse of process water in breweries and wineries. The bill would require a process water treatment system in a brewery or winery to comply with the regulations within 2 years of the effective date of the regulations. The bill would require an entity that implements a process water treatment system in a brewery or winery to submit a report containing specified information to the department, as provided, and to terminate the operation of, and modify to render inoperable, any process water treatment system in a brewery and winery at the direction of the state board.

Position

[SB 200](#)

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

Current Text: Introduced: 1/31/2019 [html](#) [pdf](#)

Introduced: 1/31/2019

Location: 2/13/2019-S. E.Q.

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

Calendar: 4/3/2019 9:30 a.m. - Room 3191 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the State Water Resources Control Board to provide a stable source of funding to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure.

Position

[SB 204](#)

([Dodd D](#)) *State Water Project: contracts.*

Current Text: Introduced: 2/4/2019 [html](#) [pdf](#)

Introduced: 2/4/2019

Location: 2/13/2019-S. N.R. & W.

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

Calendar: 3/12/2019 9:30 a.m. - Room 112 SENATE NATURAL RESOURCES AND WATER, STERN, Chair

Summary: Would require the Department of Water Resources to provide at least 10 days' notice to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature before holding public sessions to negotiate any potential amendment of a long-term water supply contract that is of projectwide significance with substantially similar terms intended to be offered to all contractors, or that would permanently transfer a contractual water amount between contractors.

Position

[SB 307](#)**(Roth D)** Water conveyance: use of facility with unused capacity.Current Text: Introduced: 2/15/2019 [html](#) [pdf](#)

Introduced: 2/15/2019

Location: 2/28/2019-S. N.R. & W.

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

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

[SB 332](#)**(Hertzberg D)** Wastewater treatment: recycled water.Current Text: Introduced: 2/19/2019 [html](#) [pdf](#)

Introduced: 2/19/2019

Location: 2/28/2019-S. E.Q.

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

Calendar: 4/3/2019 9:30 a.m. - Room 3191 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Would declare, except in compliance with the bill's provisions, that the discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. The bill would require each wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers to reduce the facility's annual flow as compared to the average annual wastewater discharge baseline volume, as prescribed, by at least 50% on or before January 1, 2030, and by at least 95% on or before January 1, 2040. The bill would subject the owner or operator of a wastewater treatment facility, as well as the affiliated water suppliers, to a civil penalty of \$2,000 per acre-foot of water above the required reduction in overall volume discharge for the failure to meet these deadlines.

Position

[SB 335](#)**(Hurtado D)** Provision of sewer service: onsite sewage treatment system: opt out.Current Text: Introduced: 2/19/2019 [html](#) [pdf](#)

Introduced: 2/19/2019

Location: 2/28/2019-S. E.Q.

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

Calendar: 4/3/2019 9:30 a.m. - Room 3191 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: The Porter-Cologne Water Quality Control Act authorizes the property owner of an affected residence to opt out of an order for the provision of sewer service for a maximum of 5 years for the residence from the date of the issuance of the order by demonstrating to a regional board that the residence is served by an onsite sewage treatment system that is not inadequate and was installed no more than 10 years prior to the issuance of the order. This bill would authorize the property owner of an affected residence to opt out of such an order for a maximum of 5 years if the adequate onsite sewage treatment system was installed no more than 5 years prior to the issuance of the order.

Position

[SB 414](#)**(Caballero D)** Small System Water Authority Act of 2019.Current Text: Introduced: 2/20/2019 [html](#) [pdf](#)

Introduced: 2/20/2019

Location: 2/28/2019-S. GOV. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
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<i>1st House</i>	<i>2nd House</i>	<i>Conc.</i>			
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Summary: Would create the Small System Water Authority Act of 2019 and state legislative findings and declarations relating to authorizing the creation of small system water authorities that will have powers to absorb, improve, and competently operate noncompliant public water systems. The bill, no later than March 1, 2020, would require the state board to provide written notice to cure to all public agencies, private water companies, or mutual water companies that operate a public water system that has either less than 3,000 service connections or that serves less than 10,000 people, and are not in compliance, for the period from July 1, 2018, through December 31, 2019, with one or more state or federal primary drinking water standard maximum contaminant levels, as specified.

Position

[SB 669](#)

([Caballero D](#)) Water quality: Safe Drinking Water Fund.

Current Text: Introduced: 2/22/2019 [html](#) [pdf](#)

Introduced: 2/22/2019

Location: 2/22/2019-S. RLS.

<i>Desk</i>	<i>Policy</i>	<i>Fiscal</i>	<i>Floor</i>	<i>Desk</i>	<i>Policy</i>	<i>Fiscal</i>	<i>Floor</i>	<i>Conf. Conc.</i>	<i>Enrolled</i>	<i>Vetoed</i>	<i>Chaptered</i>
<i>1st House</i>				<i>2nd House</i>							

Summary: Would establish the Safe 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 state board to administer the fund to assist community water systems in disadvantaged communities that are chronically noncompliant relative to the federal and state drinking water standards and do not have the financial capacity to pay for operation and maintenance costs to comply with those standards, as specified.

Position

Total Measures: 38

Total Tracking Forms: 50

MEMO

TO: BOARD OF DIRECTORS
FROM: GENERAL MANAGER
Subject: **PUBLICATIONS**
DATE: MARCH 21, 2019

Background

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

- “California’s drought is over. What will that mean for water use?” Emily Moon, Pacific Standard, March 15, 2019.
- “Salton Sea Management Effort Lags as Water Continues to Recede,” Erik Anderson, March 14, 2019
- “Reclamation updates 2019 Central Valley Project water allocations” Christie Kalkowski, March 15, 2019

Financial Impact

None.

Recommendation

The Board receive and file.

Pacific Standard

HOME > NEWS IN BRIEF > KEY TAKEAWAYS

CALIFORNIA'S DROUGHT IS OVER. WHAT WILL THAT MEAN FOR WATER USE?

California's water conservation has seen ups and downs in recent years. Here's what the data shows.

EMILY MOON · MAR 15, 2019

For the first time in eight years, California is drought-free. According to the United States Drought Monitor, which uses data from National Oceanic and Atmospheric Administration, parts of the most northern and southern counties are still "abnormally dry," but the state has no drought conditions to show.

Could the drought's end mark the return of practices such as excessive lawn-watering? Not necessarily. California's water conservation has seen ups and downs in recent years: When then-Governor Jerry Brown suspended the drought emergency in 2017, Californians continued to conserve (although their water use later rebounded.)

During the drought, the State Water Resources Control Board cracked down on wasteful residential water use: watering a lawn after rainfall, hosing down a sidewalk, overwatering a landscape. Will Californians now eschew the water-saving habits they were forced to adopt over eight years of drought? Here's what the data shows.

2017: CONSERVATION CONTINUES

After six years of extreme drought, a wet winter gave California a brief reprieve in 2017, KQED [reports](#). But two months after regulators lifted the [mandatory conservation](#) targets, residential water use was still down. In June, the Water Board's report found that the state's overall water savings were up 17.4 percent (amounting to 37.1 billion gallons) from June of 2013, the regulator's baseline.

Part of the reason for Californians' continued vigilance was that urban residents had gotten better at conservation: Many implemented changes that help long term—[swapping out](#) grass for drought-tolerant native plants, or installing water-saving toilets. It's typical for water use to rebound somewhat after a drought, when the "bucket shower" days are over, but that doesn't mean all Californians started replanting grass.

2018: WHAT DROUGHT?

More than a year after the governor's announcement, however, water use had already picked up. Data from the state's Water Board showed Californians used just 0.8 percent less water (954 million gallons) in January of 2018 than in 2013. At the same time the previous year, they were using 20.5 percent less.

In other words, as the *Mercury News* reported in March of 2018, the state's water use had returned to pre-drought conditions. Tracy Quinn, California director of water efficiency for the Natural Resources Defense Council, told the San Jose-based paper that this uptick was "exacerbated by some water suppliers saying they have plenty of water and there's no need to conserve." Meanwhile, the worst was not over: The NOAA reports show that Southern California experienced drought for most of 2018.

2019: STILL CONSERVING

So, what does this mean for 2019? The most recent reports from the Water Board (from December of 2018) show that water savings were back up from the state's low in 2017. In the last month of the year, California's urban residents used 18.4 percent less water than in 2013—almost as much as during the height of the drought.

Of course, this doesn't mean that the trend will hold, but Californians have been conserving water for two years now without the governor's prohibitions in place. And their water-saving toilets, at least, are here to stay.



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Salton Sea Management Effort Lags As Water Continues To Recede

Thursday, March 14, 2019

By [Erik Anderson](#)



Photo by [Erik Anderson](#)

Above: It looks like snow, but salt has leached to the surface of the flat stretch of exposed lakebed of Red Hill Bay on Feb. 25, 2019.

Imperial Valley officials are reportedly close to finishing an important habitat restoration project at the Salton Sea.

The remake of Red Hill Bay was supposed to be a model for a management plan around the shrinking lake, but the effort is two years overdue and still months away from completion. The Salton Sea needs a management plan because water is evaporating faster than it's being replaced, and that's leaving large swaths of lakebed exposed to the elements.

"You got the Salton Sea probably a mile out there. Along the shoreline. You see the playa here," said Bruce Wilcox, California Resources Agency Assistant Secretary of Salton Sea Policy.

[RELATED: New Project Takes Aim At Controlling Salton Sea Dust](#)

He is standing on a dry boat launch on the southeastern part of the 35-mile long lake and he is pointing at the shore several hundred yards away. This miles-wide southern portion of the lake is only a few feet deep.

The future means a smaller lake

“Most of that area I believe will be dry or close to it. You could probably almost walk across it now if it wasn’t so muddy,” Wilcox said.

Because the lake is so shallow here, any significant drop in overall lake levels exposes hundreds of acres of lakebed.

That newly dry land not only contains fine dust particles that can be picked up by the desert winds, local officials worry about pesticide residue from farm fields and other toxic materials from runoff.



Photo by [Erik Anderson](#)

This crust of dust and salt was once underwater, but when disturbed, the material can easily get picked up by desert winds in the Imperial Valley in this photo taken on Feb. 25, 2019.

The Salton Sea has long absorbed heavy metals, industrial waste and sewage-tainted flows from the New River, which flows north from Mexico. That is why covering the playa is so important.

California’s first step on a long-awaited plan to deal with the situation got such a warm welcome back in 2015. Biologists suggested flooding hundreds of acres of dry playa near Red Hill Bay. It would be easy they reasoned because the bay was flooded naturally as recently as a decade ago.

Turning it back into a saltwater bay creates habitat for birds while locking in the dust.

“Well from that berm there, a mile that way to the east will be all wet with water,” said Chris Schoneman, a biologist with the U.S. Fish and Wildlife Service.

Red Hill Bay Project considered a key

He points to a flat patch of land that is white, not from snow, but from salt leaching out of the ground. A bit of engineering and this becomes a 400-acre bay.

“Turn it into essentially a huge saltwater pond. Saltwater, not the same concentration of salt that the Salton Sea is in right now because we don’t want to rebuild the Salton Sea. Now we have an opportunity to restore the land using Salton Sea water but also agricultural irrigation water,” Schoneman said.

But the project, which is supposed to be the first of many, has been anything but easy. The \$5 million project was supposed to be done two years ago, but likely won’t be complete until late summer. There was trouble ordering the barge and engineers learned some hard lessons about working on the dry lakebed.

“We’re working in very wet soils that look dry on the surface, but you start digging and the ground starts to literally liquefy as your big equipment is trying to do its work out there. Getting big bulldozers and excavators out there,” Schoneman said.

But the berms are finally built and ready to hold in the water that’ll be pumped in.



Photo by [Erik Anderson](#)

Salt encrusted Red Hill Bay
near the Imperial valley's
Salton Sea on Feb. 25, 2019.

RELATED: Change At The Salton Sea Is Affecting Bird Populations

By the end of summer, barring unforeseen circumstances, Red Hill Bay will be a wide swath of shallow salty water.

“This will be a bug farm for the birds that come here expecting to find food and continue on their migration,” Schoneman said.

Once these saltwater ponds are complete, state officials can turn their attention to other areas of the exposed playa.

There is an added sense of urgency because the exposed lakebed can put up to 100 tons of fine dust into the air every day.

But the challenge presented by physically engineering a system of shallow ponds is only matched by the challenge of raising money to do the work.

California only has about half the \$380 million for the Salton Sea management plan.

“As you know the Salton Sea plan is a 10-year plan but it doesn’t have the funds to be carried out,” said Robert Schettler of the Imperial Irrigation District.

Money is always an issue

The regional water and power company is working to make sure California keeps its commitment to manage the changing lake. That includes finding enough money.

“It was assured that the state of California would handle the restoration of the Salton Sea and here we are more than 15 years later and now the state has a plan it just doesn’t have enough money,” Schettler said.

IID is using its position as a senior water rights holder to push for federal matching funds for the project.

“None of this money comes to us, it is for the state projects to get built. And why because the people in the environment around it need it,” Schettler said.

The lake, meanwhile, continues to shrink. And California’s commitment to manage the Salton Sea’s changing environment still isn’t happening quickly enough to cover exposed lakebed.

That leaves open the possibility that a potential public health disaster becomes reality.

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Reclamation / News & Multimedia / News Releases / Reclamation updates 2019 Central Valley Project water allocations

NEWS & MULTIMEDIA

Reclamation updates 2019 Central Valley Project water allocations

Media Contact: Christie Kalkowski, 916-978-5100, ckalkowski@usbr.gov

For Release: March 15, 2019

SACRAMENTO, Calif. – The Bureau of Reclamation today issued updated allocations for Central Valley Project contractors for the 2019 contract year. This update reflects the benefits of the series of storms that brought significant precipitation to California during February and early March.

“The precipitation we’ve experienced since mid-February has provided a significant boost to the projected water supply for the Central Valley Project this year,” said Mid-Pacific Regional Director Ernest Conant. “With the improved CVP storage conditions and the latest runoff forecasts, we are pleased to increase the amount of water allocated to many of our water service contractors.”

The three updated allocation areas include:

- North of the Delta, in-Delta and American River contractors’ allocations, for both agricultural water service and municipal and industrial service contractors, are increased to 100 percent.

- South-of-Delta agricultural water service contractors' allocations are increased to 55 percent of their contract total.
- South-of-Delta allocations for municipal and industrial contractors' allocations are increased to 80 percent of their historic use.

Friant Division's allocation remains unchanged with Class 1 contractors at 100 percent. The period for uncontrolled season deliveries to Class 2 contractors has been extended to April 10, and for the time being, contractors are being encouraged to take delivery of as much water as possible for beneficial use under their respective contracts to help minimize flood control releases. (The first 800,000 acre-feet of available water supply is considered Class 1; Class 2 is considered the next amount of available water supply up to 1.4 million acre-feet).

In addition, due to the current hydrologic conditions and storage levels in San Luis Reservoir, Reclamation declared the temporary availability of Section 215 water from the Delta for south-of-Delta contractors that enter into a "Temporary Water Service Contract for Surplus Water" with Reclamation. Section 215 refers to a section in the Reclamation Reform Act of 1982 (Public Law 97-293) that defines temporary water supplies that are unusually large and not storable for project purposes, and how that non-storable water may be used. The availability period for this water delivery will depend on hydrologic conditions and water demands in the coming weeks.

As the water year progresses, changes in hydrology and opportunities to deliver additional water will influence future allocations. Water supply updates are posted here. For additional information, please contact the public affairs office at 916-978-5100 (TTY 800-877-8339) or mppublicaffairs@usbr.gov.

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