3I hereby certify that the following agenda was posted at least 72 hours prior to the time of the meeting so noticed below at 24251 Los Alisos Boulevard, Lake Forest, California.

Robert R. Hill, Secretary of the
El Toro Water District and the Board of Directors thereof

AGENDA

EL TORO WATER DISTRICT

REGULAR MEETING OF THE BOARD OF DIRECTORS ENGINEERING COMMITTEE MEETING AND FINANCE/INSURANCE COMMITTEE MEETING

April 23, 2019

7:30 a.m.

CALL TO ORDER – Director Freshley

PLEDGE OF ALLEGIANCE – Vice President Monin

ORAL COMMUNICATION – PUBLIC COMMENT

Members of the public may address the Committee at this time or they may reserve this opportunity with regard to an item on the agenda until said item is discussed by the Committee. Comments on other items will be heard at the time set aside for "COMMENTS REGARDING NON-AGENDA ITEMS." The public will identify themselves when called on and limit their comments to three minutes.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize items(s) which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present, or, if less than two-thirds of the Board members are present, a unanimous vote of those members present.)

ACTION ITEM

1. **Resolution No. 19-4-1 Adopting the Eighth Amendment to the District's Bylaws** (Reference Material Included)

   Staff will review and comment on the Eighth Amendment to the District's Bylaws.

   Recommended Action: Staff recommends that the Board of Directors 1) adopt Resolution No. 19-4-1 effective April 23, 2019, and 2) authorize and direct the Secretary to record the Eighth Amendment to the District's Bylaws with the Orange County Recorder's Office.

RESOLUTION NO. 19-4-1
OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
ADOPTING THE EIGHTH AMENDMENT TO
THE DISTRICT'S BYLAWS

ENGINEERING COMMITTEE

CONSENT CALENDAR

(All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item)

2. Consider approving the March 26, 2019 Engineering Committee meeting minutes.

APPROVAL OF ITEMS REMOVED FROM TODAY'S ENGINEERING COMMITTEE CONSENT CALENDAR

The Board will discuss items removed from today's Engineering Committee Consent Calendar requiring further discussion.

Recommended Action: The Board will be requested to approve the items removed from today's consent Calendar.

ENGINEERING ACTION ITEMS

3. **Aliso Creek Lift Station Skid Pump and Trailer Mounted Emergency Pump** (Reference Material Included)

Staff will review and comment on the review of the proposals submitted for the acquisition of two emergency pumps with associated installation and appurtenant pipe and fittings. The combined budget, defined in the 2018/19 capital budget for this purchase is $285,000.

Recommended Action:

Staff recommends that the Board of Directors authorize the District's General Manager to (1) issue a purchase order contract to Rain for Rent in the amount of $208,588.60 for purchase of two 173 HP pumps, (2) enter into a contract with S.S. Mechanical in the amount $45,175.00 for installation of the pump at the Aliso Creek Lift Station and (3) issue a purchase order contract to Rain for Rent in the amount of $19,242.34 for the purchase of pipes hoses and fittings for the portable, trailer mounted pump. Staff also recommends that the Board authorize the General Manager to fund the project costs from the District's Capital Reserves in accordance with the District's adopted Capital Reserve Policy.

ENGINEERING GENERAL INFORMATION ITEMS

4. El Toro Water District Capital Project Status Report
(Reference Material Included)

Staff will review and comment on the El Toro Water District Capital Project Status Report.

5. Engineering Items Discussed at Various Conferences and Meetings (Oral Report)

The Committee will discuss any pertinent Engineering items discussed at Conferences.

COMMENTS REGARDING NON-AGENDA ENGINEERING COMMITTEE ITEMS

CLOSE ENGINEERING COMMITTEE MEETING

FINANCE/INSURANCE COMMITTEE MEETING

CALL MEETING TO ORDER – Vice President Monin

CONSENT CALENDAR

(All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item)

6. Consider approving the March 26, 2019 Finance Committee meeting minutes.

APPROVAL OF ITEMS REMOVED FROM TODAY'S FINANCE COMMITTEE CONSENT CALENDAR

The Board will discuss items removed from today's Finance Committee Consent Calendar requiring further discussion.

Recommended Action: The Board will be requested to approve the items removed from today's consent Calendar.

FINANCIAL ACTION ITEMS

7. Quarterly Insurance Report (Reference Material Included)

Staff will review and comment on the Quarterly Insurance Report for the period January 1, 2019 through March 31, 2019.

Recommended Action: Staff recommends that the Board Receive and File the Quarterly Insurance Report for the period of January 1, 2019 through March 31, 2019.

8. Financial Package - Authorization to Approve Bills for Consideration dated April 23, 2019 and Receive and File Financial Statements as of March 31, 2019 (Reference Material Included)

The Board will consider approving the Bills for Consideration dated April 23, 2019 and Receive and File Financial Statements as of March 31, 2019.

Recommended Action: Staff recommends that the Board 1) approve, ratify and confirm payment of those bills as set forth in the schedule of bills for consideration dated April 23, 2019, and 2) receive and file the Financial Statements for the period ending March 31, 2019.

FINANCIAL INFORMATION ITEMS

9. 2019/20 Fiscal Year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule Status Report (Reference Material Included)

Staff will review and comment on the 2019/20 fiscal year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule.

10. Tiered Water Usage and Revenue Tracking (Reference Material Included)

Staff will review and comment on monthly and year to date Tiered Water Usage and Revenue tracking.

COMMENTS REGARDING NON-AGENDA FIC ITEMS

CLOSE FINANCE AND INSURANCE COMMITTEE MEETING

ATTORNEY REPORT

CLOSED SESSION

At this time the Board will go into Closed Session as follows:

1. In accordance with Government Code Section 54956.96 in order to receive, discuss, and/or take action concerning information obtained by the District's representative pertaining to a closed session of the South Orange County Wastewater Authority ("SOCWA"), a joint powers agency.

2. To consider the potential amendment of the General Manager's Employment Agreement pursuant to Government Code Section 54957 (b) (1).

REGULAR SESSION

REPORT ON CLOSED SESSION (Legal Counsel)

Mr. Granito will provide an oral report on the Closed Session.

ADJOURNMENT TO 7:30 a.m., Tuesday, May 21, 2019.

The agenda material for this meeting is available to the public at the District's Administrative Office, which is located at 24251 Los Alisos Blvd., Lake Forest, Ca. 92630. If any additional material related to an open session agenda item is distributed to all or a majority of the board of directors after this agenda is posted, such material will be made available for immediate public inspection at the same location.

Request for Disability-Related Modifications or Accommodations

If you require any disability-related accommodation, including auxiliary aids or services, in order to participate in this public meeting, please telephone the District's Recording Secretary, Polly Welsch at (949) 837-7050, extension 225 at least forty-eight (48) hours prior to said meeting. If you prefer, your request may be submitted in writing to El Toro Water District, P.O. Box 4000, Laguna Hills, California 92654, Attention: Polly Welsch.

RESOLUTION NO. 19-4-1

RESOLUTION OF THE BOARD OF DIRECTORS OF THE EL TORO WATER DISTRICT ADOPTING THE EIGHTH AMENDMENT TO THE BYLAWS

WHEREAS, the Bylaws of the El Toro Water District, a California Water District, in the County of Orange, State of California, were first duly approved by the Board of Supervisors on or about January 10, 1961, and were thereafter amended seven times, the last being December 15, 1994 (Seventh Amendment), and

WHEREAS, it is in the best interest of the District that the District's Bylaws be amended in their entirety for the primary purpose of limiting the term of office for Board President and Vice President to a one (1) year ROTATIONAL BASIS.

NOW,THEREFORE, BE IT RESOLVED, that the District hereby adopts the Eighth Amendment to the Bylaws of the El Toro Water District, a California Water District, which Eighth Amendment is attached hereto marked as Exhibit "A" and incorporated herein by this reference; and

BE IT FURTHER RESOLVED, that the Secretary of the District or his delegate is authorized and directed to record the Eighth Amendment to the Bylaws with the Orange County Recorder's Office following processing and/or approval of this Amendment by the Board of Supervisors.

ADOPTED, SIGNED AND APPROVED this 23rd day of April, 2019 by the following vote:

_____

_____

_____

_____

_____

_____
JOSE VERGARA, President
EL TORO WATER DISTRICT and of
the Board of Directors thereof

(SEAL)

_____
ROBERT R. HILL, Secretary
EL TORO WATER DISTRICT and of
the Board of Directors thereof

STATE OF CALIFORNIA)
)
COUNTY OF ORANGE)

I, ROBERT R. HILL, Secretary of the Board of Directors of the El Toro Water District, do hereby certify that the above and foregoing Resolution No. 19-4-1 was duly adopted by the Board of Directors of said District at a Regular Meeting of said District held on April 23, 2019, and that it was so adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINS:

_____
ROBERT R. HILL, Secretary
El Toro Water District and of
The Board of Directors thereof

(SEAL)

(WORK COPY 4/15/19)

EIGHTH AMENDMENT TO BY-LAWS

EL TORO WATER DISTRICT

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EIGHTH AMENDMENT TO BYLAWS

EL TORO WATER DISTRICT

A California Water District

The Bylaws of the El Toro Water District, A California Water District, In the County of Orange, State of California, were first duly approved by the Board of Supervisors on or about January 10, 1961, and were thereafter amended seven times, the last being December 15, 1994 (Seventh Amendment).

Said Bylaws, as last amended, are hereby amended in their entirety by this Eighth Amendment to Bylaws pursuant to Section 35220 of the Water Code of the State of California as follows:

I.

BOARD OF DIRECTORS

1. Membership. The Board of Directors of the District shall consist of five (5) Directors, elected as provided by law. Each Director shall be a resident of the District and shall be a registered voter in the County of Orange at the time of their election and/or appointment and during their term of office.

2. General Authority. The Board of Directors, except as otherwise specifically provided by law, shall manage and conduct the business and affairs of the District.

3. Meetings. Regular meetings of the Board of Directors shall be held at such time and place as may be agreed upon by resolution of the Board.

4. Quorum: Vote Necessary. Three (3) Directors shall constitute a quorum of the Board for the transaction of business. The vote of a majority of the Directors present at any

meeting attended by a quorum shall be necessary and sufficient to determine any motion, resolution, and/or ordinance presented.

5. Terms of Office/Elections. The term of office of elected Directors shall be four (4) years and shall be on a staggered basis. The five (5) Directors Seats and the staggered terms of office of each seat are as set forth in Schedule 1 hereto and incorporated herein by this reference.

II.

ELECTIONS

All general District elections shall be held in November of even-numbered years and shall be consolidated with the November statewide elections. The right to vote and the manner of the voting shall be the same as provided by the laws of the State of California.

III.

PRINCIPAL OFFICE

1. The principal office of the District shall be located in Orange County, State of California, at a place designated from time to time by the Board of Directors by resolution of the Board.

2. Until changed by resolution of the Board of Directors, the principal office of the District shall be located at 24251 Los Alisos Boulevard, Lake Forest, California 92630.

IV.

SEAL

The District shall have and maintain a seal, described as follows:

> Two concentric circles, the outer circle being approximately one and one-half inches in diameter and the inner circle approximately one inch in diameter; with the words "EL TORO WATER DISTRICT" in the upper part of the space between the circles; with the word "CALIFORNIA" in the lower part of the space between the circles; and with the words "FORMED September 25, 1960" inside the inner circle.

V.

OFFICERS

1. Officers Other than Directors. In addition to the Directors, the officers of the District shall be: President, Vice President, Treasurer, and Secretary.

2. Elimination. The offices of the Assessor and Tax Collector have been eliminated by appropriate Resolution on or about July 10, 1975 pursuant to Section 34711 of the Water Code of the State of California.

3. Current President and Vice President. The offices of President and Vice President are currently occupied by Jose Vergara and Mark Monin respectively; both of which were elected to said offices by the Board of Directors on December 20, 2018. Pursuant to the Sequential Order of Succession set forth in Article 4 of these Bylaws, Jose Vergara's term of office as President shall expire on December 31, 2019 and Mark Monin will automatically succeed to the office of President effective January 1, 2020.

4. Sequential Order of Succession. Going forward, the offices of President and Vice President shall be filled by Sequential Order of Succession based on a Director's seniority as a member of the then current Board of Directors as then currently set forth in Schedule II hereto

and incorporated herein by this reference. Said Schedule shall be updated annually to reflect the then current Sequential Order of Succession. Ties shall be broken by a flip of the coin.

5. President (Term of Office). The term of office of the President shall be for one (1) calendar year. Thereafter, he/she shall be placed at the bottom of the Sequential Order of Succession referenced in Article 4.

6. Vice President (Term of Office- Succession to Presidency). The term of office of the Vice President shall be for one (1) calendar year. Thereafter, he/she will succeed to the office of President. In the event a vacancy occurs in the office of any President before the term of said presidency has expired, the Vice President shall succeed to the office of President for the unexpired term of said presidency, in addition, to the one (1) year term regularly specified, had such vacancy not occurred. In the event a vacancy occurs in the office of any Vice President before the term of said vice presidency has expired, the next in line in Sequential Order of Succession per Schedule II of these Bylaws, shall succeed to the office of Vice President for the unexpired term of said vice presidency.

7. Secretary. The Secretary shall be appointed by the Board of Directors and shall serve at its pleasure. The Secretary shall have the duties and authority assigned to him/her by law and such other duties and authority, not inconsistent therewith, as shall be assigned to him/her from time to time by the Board of Directors. The Board may from time to time, appoint one or more Assistant Secretaries. Under the direction of the Board and Secretary, each such Assistant Secretary shall assist the Secretary in the performance of his/her duties and shall have such other duties and authority as shall be provided by the Board.

8. Treasurer. The Treasurer shall be appointed by the Board of Directors and shall serve at its pleasure. He/she shall have duties and authority assigned to him/her by law and such

other duties and authorities, not inconsistent therewith, as shall be assigned to him/her from time to time by the Board of Directors.

9. Compensation. The Officers and Directors shall receive the following compensation for their services:

(a) The Secretary and Treasurer shall receive sums as shall be fixed by the Board.

(b) Each Director shall receive compensation in the amount provided by Ordinance duly adopted by Resolution of the Board pursuant to Section 20200 et seq. of the Water Code of the State of California, together with any expenses incurred in the performance of his/her duties required or authorized by law and the Board.

10. Employees. The Board of Directors may employ and appoint from time to time such other officers and such agents and employees as it shall deem appropriate to carry on the business of the District. The qualifications, duties, authority, and compensation of such other officers and of such agents and employees shall be fixed by the Board of Directors.

VI.

PENALTY FOR VIOLATING BYLAWS

When it shall be deemed in the manner provided by law that any person has violated these Bylaws, he/she shall be subject to the maximum penalties provided by Section 35304 (d) of the Water Code of the State of California.

VII.

AMENDMENT OR REPEAL OF BYLAWS

These Bylaws may be repealed or amended as provided by law. These Bylaws shall at all times be consistent with the Constitution and laws of the State of California, including the provisions of Division 13 of the Water Code of the State of California, and shall be so construed. If any Bylaw is or becomes a conflict with any law of the State of California, it shall be invalid and void to the extent of such conflict. However, such invalidity shall not affect the remaining valid provisions of these Bylaws which shall continue in full force and effect.

The foregoing Eighth Amendment to the Bylaws of the EL TORO WATER DISTRICT was adopted pursuant to Resolution No. 19-4-1 at Regular Meeting of the Board of Directors held on the 25th day of April, 2019, by the affirmative vote of all the Directors present.

ROBERT R. HILL, Secretary
EL TORO WATER DISTRICT and of
the Board of Directors thereof

SCHEDULE I
ARTICLE 1 - SECTION 2 - TERMS OF OFFICE/ELECTIONS
DISTRICT BYLAWS

	DIRECTORS	NOV 2011	NOV 2012	NOV 2013	NOV 2014	JAN 2015	NOV 2016	NOV 2017	NOV 2018	NOV 2019	NOV 2020	NOV 2021	NOV 2022	NOV 2023	NOV 2024
Seat 1	Mark Monin					A	E	*	*	*					
Seat 2	Jose F. Vergara		E	*	*	*	E	*	*	*					
Seat 3	Mike Gaskins								E	*	*	*			
Seat 4															
Seat 5	Kathryn Freshley								A/E	*	*	*			

LEGEND: A - Appointed
E - Elected

SCHEDULE II
ARTICLE 5 - SECTION 4 - SEQUENTIAL ORDER OF SUCCESSION
DISTRICT BYLAWS

Seniority	DIRECTORS	NOV 2011	NOV 2012	NOV 2013	NOV 2014	JAN 2015	NOV 2016	NOV 2017	NOV 2018	NOV 2019	NOV 2020	NOV 2021	NOV 2022	NOV 2023	NOV 2024
1	Jose F. Vergara		E	*	*	*	VP	*	P	*					
2	Mark Monin					A	E	*	VP	*					
3	Kathryn Freshley								A/E	*	*	*			
4	Mike Gaskins								E	*	*	*			
5															

LEGEND: A - Appointed
E - Elected
P - President
VP - Vice President

MINUTES OF THE REGULAR MEETING
OF THE
ENGINEERING COMMITTEE MEETING

March 26, 2019

Director Freshley called the Meeting of the Engineering Committee to order at 7:30 a.m. on March 26, 2019.

Director Gaskins led in the Pledge of Allegiance to the flag.

Present at today's meeting were Committee Members JOSE F. VERGARA, MARK MONIN, KATHRYN FRESHLEY, and MIKE GASKINS.

Also present were ROBERT R. HILL, General Manager/Secretary, DENNIS P. CAFFERTY, Assistant General Manager/District Engineer, JUDY CIMORELL, Human Resources Manager, NEELY SHAHBAKHTI, Finance Manager/Controller, RICK OLSON, Operations Superintendent, BOBBY YOUNG, Project Engineer, GILBERT J. GRANITO, General Counsel, POLLY WELSCH, Recording Secretary, and CAROL MOORE, Laguna Woods Mayor.

Oral Communication/Public Comment

There were no comments.

Items Received too Late to be Agendized

Director Freshley asked if there were any items received too late to be agendized. Mr. Hill replied no.

Engineering Committee

Consent Calendar

1. Consider approving the minutes of the February 26, 2019 Engineering Committee meeting.

Director Freshley asked for a Motion.

Motion: Vice President Monin made a Motion, seconded by Director Gaskins, and unanimously carried across the Board to approve the Consent Calendar.

Roll Call Vote:

President Vergara	aye
Director Freshley	aye
Vice President Monin	aye
Director Gaskins	aye

ETWD Board Member Vacancy

Mr. Hill stated that we have 60 days to fill the vacancy either by appointment or an election. He further stated that he distributed a tentative vacancy milestone dates list.

Mr. Hill stated that the date of vacancy was March 18, 2019. He further stated that May 17th is the deadline to appoint a new Board member.

Mr. Hill stated that we need to advise the Registrar of Voters office within 15 days after the position is vacated, so we will send the letter out on Monday, April 1st. He further stated that we will post the vacancy on April 1st.

Mr. Hill stated that we advertise in the Laguna Woods Globe and Saddleback Valley News, as well as posting at the libraries and city halls within our service area, and the ETWD website, twitter, and facebook. Director Gaskins suggested advertising in the Orange County Register as well. Director Freshley suggested the Orange County Register on a weekday and on Saturday for the weekend paper subscribers.

Mr. Hill stated that we would swear in the new Board member at a Special meeting in April. He further stated that the District Applications are due April 19th, then we will have a Special Board meeting where we could do interviews, and the swearing in at the Special meeting or the regular April 25th Board meeting.

Mr. Hill stated that once the vacancy is filled, we need to notify the Registrar of Voters and the Orange County Clerk's office within 15 days.

Engineering Action Items

There were no action items.

Engineering General Information Items

Capital Project Status Report

Oso Lift Station Project

Mr. Cafferty stated that he requested an update from the city of Laguna Woods on the status of the lease amendment necessary to facilitate the property transfer associated with the Oso Lift Station Project.

Mr. Cafferty stated that he is hopeful this item will be on the Board of Supervisors agenda in late April.

President Vergara asked if there is a need to discuss with the Supervisor. Mr. Cafferty replied no, we are hoping to get the County approval by the end of the month.

Phase II Recycled Water Distribution System Expansion Project

Mr. Cafferty stated that staff met with a consultant that had recent success gaining plan approval from the Division of Drinking Water for recycled water retrofit plans. He further stated that staff is preparing to bid a retrofit project on the East Side system and certain sites on the West Side system.

Mr. Cafferty stated that the goal will be to have a reasonable amount of recycled water available by this summer.

Director Freshley asked why there is such a problem with the dual plumbing sites. Mr. Cafferty replied that we are trying to provide the information they need in a format that they will understand and accept.

Advanced Metering Infrastructure (AMI) Feasibility Study & Alternatives Analysis

Mr. Cafferty stated that staff is reviewing a draft report submitted by MC Engineering, and anticipates presenting the results to the Board in April.

Lab Certification Update

Mr. Cafferty stated that ELAP staff conducted an on-site assessment at the ETWD lab, and they were complimentary of the lab staff. He further stated that the assessors report should be received in approximately 30 days, with the issuance of a permit within the next few months.

Director Gaskins stated that being aware that most violations reported can be mistakes in reporting rather than a violation, and asked if the District is vulnerable to a violation for the data reported during the period the certification had lapsed. Mr. Cafferty indicated that staff had clearly informed the Division of Drinking Water of the issue and the associated resolution. Mr. Cafferty further noted that staff has thus far received no notification of any enforcement action or violation relative to the certification oversight.

Poseidon Huntington Beach Ocean Desal Project

Mr. Cafferty stated that Orange County Water District is now asking for a “soft commitment” of how much water agencies might want out of the project in the form of a

Memorandum of Understanding. He further stated that OCWD is in the process of preparing a draft MOU.

Mr. Hill stated that staff will return at a later date with costs and benefits of participating in the project.

Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

Comments Regarding Non-Agenda Engineering Committee Items

There were no comments.

Adjournment

There being no further business to come before the Board, the following motion was duly made and passed.

Motion: Director Freshley made a Motion, seconded by Vice President Monin and unanimously carried that today's meeting be adjourned at 8:22 o'clock a.m. to Tuesday, April 23, 2019 at 7:30 o'clock a.m. at the District's Administrative Offices at 24251 Los Alisos Blvd, Lake Forest, CA. 92630.

Roll Call:

Vice President Monin	aye
Director Gaskins	aye
President Vergara	aye
Director Freshley	aye

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

_____

JOSE F. VERGARA, President
of the El Toro Water District and the
Board of Directors thereof

_____

ROBERT R. HILL, Secretary
of the El Toro Water District and the
Board of Directors thereof

ALISO CREEK LIFT STATION SKID PUMP
AND
TRAILER MOUNTED EMERGENCY PUMP

PROJECT DESCRIPTION

The Aliso Creek Lift Station is one of the District's two largest sewer lift stations. There are only two in-line pumps at Aliso Creek and the amount of flow, especially at peak hour or wet weather flows, provides little response time in the event of a failure of either of the pumps. The proposed project will install a backup pump at the site that will allow more immediate restoration of pumping in the event of a failure of the primary pumps. The proposed project will mitigate the risk of a sewer spill at a lift station that is immediately adjacent to Aliso Creek.

The El Toro Water District has historically operated a portable diesel driven emergency pump to provide backup at sewer lift stations in the event of a failure of the pumping facilities that allows staff an opportunity to continue the pumping operation while the pump station failure or power outage is resolved. The ability to use the emergency pump helps reduce the potential for sewer spills. Due to a recent South Coast Air Quality Management District regulation, the District's existing portable emergency pump is no longer in compliance with the new air quality regulations. Staff is proposing to purchase one new portable emergency pump that complies with current regulations and restores the District's emergency pumping capability.

The purchase of the two proposed pumps described above will significantly enhance the reliability of the District's sewer lift stations in the event of pump failures. It should also be noted that the proposed pumps will be driven by diesel engines that will provide backup pumping capability in the event of power failures at any station that experiences a subsequent failure of the existing stationary generator.

PUMP EVALUATION

During staff's extensive review of pump options staff determined that the purchase of two of the same pump would provide the most benefit to the District. The District operates eleven sewer lift stations. The purchase of the proposed pumps will provide backup pumping capability for the seven largest lift stations. The District already operates a smaller emergency pump that can provide service for the four smaller lift stations but would be inadequate for the larger stations.

Staff worked closely with the pump vendor to evaluate pump curves defining capacity and pump head capability to ensure the proposed pumps will provide the necessary pumping capacity. One of the pumps will be installed and physically connected at Aliso Creek to provide the immediate emergency pumping capacity envisioned in the Aliso Creek budget item. The second pump will be staged with hoses, piping and fittings so that it can be moved quickly and efficiently as necessary. The purchase of two similar pumps, however, will allow portability for the Aliso Creek Lift Station pump, further enhancing the reliability and flexibility of the District's emergency sewer pumping capability.

While these pumps were budgeted and proposed for use at the sewer lift stations, they could also be pressed into service, at the Water Recycling Plant providing additional benefit. The determination to purchase two of the same pump resulted in the combination of the two budget line items into a single project.

PROJECT BIDS

Pumps

Staff solicited bids for the above described pumps from three pump vendors. The proposed pumps will be trailer mounted units, including sound attenuated enclosures, rated at 173 HP capable of pumping flows exceeding 4,000 gpm or total head exceeding 250 feet. Proposals were received from the following vendors:

Vendor	Cost
Rain for Rent	$ 208,588.60
United Rentals	$ 276,685.00
Xylem	$ 424,448.30

The Rain for Rent proposal provides a pump at the lowest cost while still meeting the specified pump requirements.

Aliso Creek Lift Station Pump Installation

It would take significant time to mobilize and connect the District's emergency pumping equipment at Aliso Creek. The project therefore includes the installation of the pump at the lift station. The installation consists of the construction of suction and discharge piping to connect the

pump to the existing wet well and to the existing emergency force main connection. Once installed, staff need only open the appropriate valves and turn on the pump to provide the immediate emergency service intended by the budgeted project. The installation of the pump at the Aliso Creek Lift Station will be performed by a contractor. Staff solicited bids for the installation of the pump at the Aliso Creek Lift Station from three contractors. Staff provided a description of the installation requirements and met with the contractors at the site to ensure each contractor understood the job requirements. Bids were received from the following three contractors:

Contractor	Cost
S.S. Mechanical Construction Corp.	$ 45,175.00
Mike Prlich & Sons, Inc.	$ 47,779.00
Don Peterson Contracting Inc.	$ 51,615.00

The low bidder, S.S. Mechanical, is well known to staff and has successfully completed several projects for the District in the past.

Emergency Pump Appurtenant Material

The ability to effectively and expediently utilize the proposed emergency pump requires the immediate availability of piping, hoses and fittings necessary to connect the proposed pump to the discharge piping and/or wet wells at the lift stations. Staff assembled a list of the necessary material and solicited proposals from two vendors that supply the appropriate pipe material. Proposals were received from the following two vendors:

Contractor	Cost
Rain for Rent	$ 19,242.34
Orange County Win Water	$ 48,898.72

BUDGET EVALUATION

The total project cost is summarized as follows:

Project Component	Organization	Cost
Pump Purchase Cost	Rain for Rent	$ 208,588.60
Aliso Creek LS Pump Installation Cost	S.S. Mechanical	$ 45,175.00
Emergency Pump Appurtenance Cost	Rain for Rent	$ 19,242.34
Contingency		$ 10,000.00
Total Project Cost		**$ 283,005.94**

The capital budget for the project was made up of two components in the 2018/19 capital budget. As noted, the two budget items have been combined into a single project.

Aliso Creek LS Skid Pump and Piping	$ 200,000
8" Trailer Mounted Emergency Pump	$ 85,000
Total Project Cost	**$ 285,000**

The total project cost is within the allocated budget.

RECOMMENDATION

Recommended Action:

Staff recommends that the Board of Directors authorize the District's General Manager to (1) issue a purchase order contract to Rain for Rent in the amount of $208,588.60 for purchase of two 173 HP pumps, (2) enter into a contract with S.S. Mechanical in the amount $45,175.00 for installation of the pump at the Aliso Creek Lift Station and (3) issue a purchase order contract to Rain for Rent in the amount of $19,242.34 for the purchase of pipes, hoses and fittings for the portable, trailer mounted pump. Staff also recommends that the Board authorize the General Manager to fund the project costs from the District's Capital Reserves in accordance with the District's adopted Capital Reserve Policy.

By: Dennis P. Cafferty
Rick Olson

Date: April 19, 2019

CAPITAL PROJECT / EQUIPMENT STATUS REPORT

April, 2019

I Oso Lift Station Improvement Project

The project design is complete.

The District has received comments from Moulton Niguel Water District regarding the plans and Agreement for the proposed emergency overflow connection from the Oso Lift Station to the MNWD sewer collection system near the station. Staff is reviewing the comments in an effort to finalize the Agreement.

The project design requires the expansion of the site by ten feet on the east side of the property. The proposed lot line adjustment from the City of Laguna Woods will need to be approved by the County of Orange due to an existing lease agreement between the City and the County relative to the Woods End Wilderness Preserve/Laguna Coast Wilderness Park. The District's surveyor has provided documents and exhibits requested by the County. It is staff's understanding that the County will recommend the lease amendment to the Board of Supervisors for approval in at an upcoming Board of Supervisors meeting.

The City recently identified an additional agreement that potentially impacts the proposed property transfer. The agreement between the City of Laguna Woods and the State Coastal Conservancy will require approval from the Coastal Conservancy. The City of Laguna Woods, as the signatory to the agreement, contacted the Coastal Conservancy to seek the necessary approval. The Coastal Conservancy has requested an appraisal of the property proposed to be transferred to the District. The City of Laguna Woods is initiating the requested appraisal.

Staff is prepared to bid the project once the property acquisition is finalized.

II Phase II Recycled Water Distribution System Expansion Project

Staff is working with the State and County to resolve several plan check comments. Staff met both the County and the State in an effort to facilitate and expedite the approval of the retrofit plans. Following the meeting staff submitted revised plans and subsequently a further revision after receiving comments from the County. Staff has been aggressively performing site coverage tests to best prepare for and expedite construction upon approval of the plans.

Staff is preparing to bid a retrofit project including the East Side system and certain sites in the West Side System. The project will go out to bid once plan approval is received from County and State Health. The remaining sites in the West Side System will be handled separately due to unique characteristics that could result in the designation of the sites as "dual-plumbed" as defined in Title 22.

III Advanced Metering Infrastructure (AMI) Feasibility Study & Alternatives Analysis

Staff provided comments regarding a draft report to MC Engineering. In order to allow time to incorporate staff's comments as well as evaluate data from a meter pilot study. Staff anticipates presenting the results of the AMI feasibility analysis to the Board in May of 2019.

IV Laboratory Certification Update

Staff's work with SOCWA to complete the proficiency training that will allow ETWD lab personnel to perform work in the SOCWA lab under the SOCWA ELAP certification is nearly complete.

ELAP Staff recently conducted an on-site assessment at the ETWD lab. The ELAP staff was generally complimentary of the ETWD lab staff. Staff is waiting for the assessor's report. Staff anticipates the issuance of a permit in the next 2 to 3 months.

V South Orange County Supply and System Reliability Projects

A. Baker Water Treatment Product Water Conveyance Options

MNWD is continuing the property appraisal process to facilitate the acquisition of the property for new turnout on the South County Pipeline that would include a turnout connection dedicated to the ETWD Baker supply. MNWD has verbally indicated they are prepared to continue the temporary conveyance of water through the Los Alisos interconnection until such time that the permanent conveyance facilities are complete. MNWD recently indicated they are planning to schedule a meeting with ETWD staff to discuss the details of the proposed turnout facility.

There have been discussions about the possibility of storing water in Irvine Lake that could be used to sustain 60 days of supply to the Baker Plant in the event of an interruption of raw water supply from MWD. IRWD is working with Serrano Water District to work out details of the potential storage opportunity. Issues under consideration include the on-going costs of water lost due to evaporation and any overflows as well as capital and maintenance costs associated with the use of the Irvine Lake facilities. IRWD will convene a meeting of the Baker Partners in the near future to discuss the details of a proposal for the potential use of Irvine Lake for emergency storage.

B. Poseidon HB Ocean Desalination Project

OCWD has executed a Term Sheet with Poseidon Resources to investigate and consider the project. However, OCWD has not ultimately committed to receiving and paying for the Poseidon water.

Poseidon indicates they expect to be before the Santa Ana Regional Water Quality Board for consideration of their NPDES Permit renewal in the Spring of 2019 and before the Coastal Commission in the Fall of 2019. The feasibility of the project remains contingent upon obtaining all regulatory and environmental approvals/permits along with approval of Met LRP funding based on $475/AF over 15 years.

ETWD hosted a meeting on January 31st where OCWD and Poseidon presented to ETWD, SMWD, CLB, MNWD and IRWD more detail with regards to conveyance alternatives to deliver HB product water to South County along with more definitive Treatment Plant and Distribution costs specifically for South County Agencies. Total Net Project Unit Cost inclusive of a MWD LRP Subsidy of $475/AF to deliver 10 MGD to SOC is estimated to be $2,125/AF and to deliver 20 MGD to SOC is estimated to be $1,825/AF.

OCWD is now requesting that any agency wanting to participate in the Poseidon project execute an MOU. The MOU will not represent a contractual commitment to the project, but it will require approval by governing boards. In light of the considerable time, money and effort OCWD anticipates expending to finalize a project distribution plan OCWA believes an MOU will give them greater confidence in knowing which agencies are serious about the project and ultimately negotiating and considering a final water purchase agreement.

OCWA has drafted an MOU for review and comment by interested agencies with a desire to have an MOU executed by the end of July. Staff is reviewing draft MOU as well as the available information regarding the project. Staff proposes to present an analysis of the project to the ETWD Board in the next few months.

Tentative overall project schedule:

RWQCB	**Spring 2019**
Coastal Commission	**Fall 2019**
MWD LRP	**Mid 2020**
Design, Bidding, Construction	**2024/25**

F.Y. 2018/19 CAPITAL REPLACEMENT AND REFURBISHMENT PROGRAM BUDGET ITEMS > $50,000
BOARD APPROVAL SCHEDULE

	Project Description	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Budget Estimate	Board Approved Cost
2018/19 Capital Projects															
1	Recycled Water Phase II - Retrofits	E	E	E	P	P	P	P	P	P	B	A	C	$700,000	
2	Replace R-6 Sodium Hypochlorite Tanks (CO)		B	A							C	C		$210,000	$163,257
3	Oso Lift Station Improvement Project (CO)	E/CQ	E/CQ	E/CQ	CQ	CQ					B	BP	A	$1,000,000	
4	Aliso Creek Lift Station Skid Pump and Piping			E	E	E	E	B	B	B	A		R	$200,000	
5	Reconstruct (West Side) Drainage Swayle at the Holding Pond								E	E	E			$68,250	
6	AMR / AMI Implementation	RFP	A	E	E	E	E	E	E	E	E	BP		$200,000	$64,550
7	Master Plan Update (CO)									RFP	RFP	RFP	A	$350,000	
8	Old Treatment Plant / Clear Well Demo		ET	ET	ET	ET	ET	ET	ET	ET				$400,000	
2018/19 Capital Equipment															
1	8-inch Trailer Mounted Emergency Pump		E	E	E	E	B	B	B	B	A		R	$85,000	
2	300-375KW Emergency Generator Trailer		E	E	A			R						$175,000	$142,024
												Total		$3,388,250	$369,831

E = Engineering/Study
C = Construction
O = Order
N = Negotiate
R = Receive
P = Permit
CQ = CEQA
CO = Carry Over
RFP = Request for Proposal
B = Bid
A = Approve by Board
ET = Evaluate
M = Monitoring
BP = Board Presentation

4/19/2019

MINUTES OF THE REGULAR MEETING
OF THE
FINANCE/INSURANCE COMMITTEE MEETING

March 26, 2019

Vice President Monin called the Meeting of the Finance/Insurance Committee to order at 8:23 o'clock a.m. on March 26, 2019.

Present at today's meeting were Committee Members JOSE F. VERGARA, MARK MONIN, MIKE GASKINS, and KATHRYN FRESHLEY.

Also present were ROBERT R. HILL, General Manager/Secretary, DENNIS P. CAFFERTY, Assistant General Manager/District Engineer, JUDY CIMORELL, Human Resources Manager, NEELY SHAHBAKHTI, Finance Manager/Controller, RICK OLSON, Operations Superintendent, GILBERT J. GRANITO, General Counsel, POLLY WELSCH, Recording Secretary, and CAROL MOORE, Laguna Woods Mayor.

Consent Calendar

a. Consider approving the February 26, 2019 Finance Committee meeting minutes.

b. Consider receiving and filing the District's Quarterly Audit reports for the periods July 1, 2018 through December 31, 2018 as presented by the PUN Group.

Vice President Monin asked for a Motion.

Motion: Director Freshley made a Motion, seconded by President Vergara and unanimously carried across the Board to approve the Consent calendar.

Roll Call Vote:

Director Gaskins	aye
President Vergara	aye
Vice President Monin	aye
Director Freshley	aye

Approval of Items Removed from Today's FIC Consent Calendar

There were no items removed.

ETWD Human Resources Committee (HRC) Report

Director Gaskins stated that the HR Committee discussed that the CPI was 3.9%, and the merit component was 3%, both combined to reward superior work. He further stated that with the 6.9% pool, we are in the center of the market's labor compensation.

Director Gaskins stated that they discussed how to ensure a fair evaluation and being as objective as possible, and seems the formula used by the District is fair.

Vice President Monin stated that he was impressed with staff's presentation and knowledge.

Mr. Hill stated that our Succession Plan was discussed in the presentation, along with training for Supervisor level positions.

Finance Action Items

Finance Report

Ms. Shahbakhti stated that included in the package is the month of February, which we are in the 8th month into the fiscal year.

Vice President Monin asked for a Motion.

Motion: President Vergara made a Motion, seconded by Director Gaskins, and unanimously carried across the Board to 1) approve, ratify, and confirm payment of those bills as set forth in the schedule of bills for consideration dated March 26, 2019, and 2) receive and file the Financial Statements for the period ending February 28,

2019.

Roll Call Vote:

President Vergara	aye
Vice President Monin	aye
Director Freshley	aye
Director Gaskins	aye

Lake Forest Chamber of Commerce Membership Renewal

Mr. Hill stated that staff is recommending approval of renewal of the membership in the Lake Forest Chamber of Commerce.

Vice President Monin asked for a Motion.

Motion: President Vergara made a Motion, seconded by Director Gaskins, and unanimously carried across the Board to approve renewing the District's membership in the Lake Forest Chamber of Commerce for calendar year 2019 in the amount of $1,200.00.

Roll Call Vote:

Director Gaskins	aye
Director Freshley	aye
President Vergara	aye
Vice President Monin	aye

Annual Review of the District's Cash Reserve Policy Statement 1994-12 (IV)

Mr. Hill stated that staff recommends no amendments to the annual review of the District's Cash Reserve Policy Statement 1994-12 (IV).

Vice President Monin asked for a Motion.

Motion: President Vergara made a Motion, seconded by Director Freshley, and unanimously carried across the Board to approve staff's recommendation of no

amendments to the District's Cash Reserve Policy Statement 1994-12 (IV).

Roll Call Vote:

Director Gaskins	aye
Director Freshley	aye
President Vergara	aye
Vice President Monin	aye

Finance Information Items

2019/20 Fiscal Year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule Status Report

Mr. Hill stated that this is the budget schedule of meetings. He further stated that the Budget Committee #2 meeting will include the Cost of Service Study and the draft Prop 218 Notice.

Tiered Water Usage and Revenue Tracking

Ms. Shahbakhti stated that included in the package are comparison charts of water use and prior year's water use.

Comments Regarding Non-Agenda FIC Items

Director Freshley stated that she would like to compliment staff on well done presentations. Director Gaskins also complimented District staff on well done presentations.

Close Finance and Insurance Committee Meeting

At approximately 8:38 o'clock a.m. Mr. Olson left the meeting.

Attorney Report

Mr. Granito reported that item #3 of today's Closed Session items should be

removed.

Mr. Granito reported that there is no need for discussion on items #1 or #2 of today's Closed Session agenda.

Therefore, regular session continued.

Adjournment

There being no further business to come before the Board, the following motion was duly made and passed.

Motion: Director Gaskins made a Motion, seconded by Director Freshley and unanimously carried that today's meeting be adjourned at 8:42 o'clock a.m. to Tuesday, April 23, 2019, Lake Forest, CA. 92630.

Roll Call:

Director Freshley	aye
President Vergara	aye
Director Gaskins	aye
Vice President Monin	aye

Respectfully submitted,

_____
POLLY WELSCH
Recording Secretary

APPROVED:

_____
JOSE F. VERGARA, President
of the El Toro Water District and the
Board of Directors thereof

_____
ROBERT R. HILL, Secretary
of the El Toro Water District and the
Board of Directors thereof

EL TORO WATER DISTRICT
INSURANCE UPDATE

April 2019

Liability Program

There is nothing new to report this quarter.

Property Insurance

There is nothing new to report this quarter.

Excess Public Employee Fidelity Program

There is nothing new to report this quarter.

Underground Storage Tank Pollution Liability

There is nothing new to report this quarter.

Dam Failure Liability

There is nothing new to report this quarter.

Fiduciary Liability Policy

There is nothing new to report this quarter.

Liability & Property Claims

1. On January 23, 2019 an ETWD truck had the tailgate stolen. A police report was taken & the claim was sent to ACWA/JPIA for reimbursement of the tailgate. This claim is closed.
2. On February 25, 2019 a customer placed a claim for sewer back-up. This blockage was due to roots at the street. ETWD determined it was our problem and so reimbursed the customer for all the work needed to clean out and fix the customers property including plumbing bill. This was sent to ACWA/JPIA for small claim which was repaid to ETWD by JPIA. This claim is closed.

Workers' Compensation Policy

The Workers' Compensation Policy was renewed as of July 1, 2018 and runs through June 30, 2019. The District's experience modification rate is down from 1.17 to 0.83 for FY 18/19.

Workers' Compensation Claims

There was one worker's compensation claim for this quarter. The injury required modified duty only with no loss time.

Medical Insurance

The District offers three medical plans as follows:

Kaiser Health - $10 office co-pay with no annual deductibles.

Anthem Blue Cross – HMO; Offers a $10 copay with no annual deductibles.

Anthem Blue Cross – PPO; this plan offers benefits within the physician network and outside of the network. In network there is a co-pay of $15.00 with an annual deductible of $200 per person and $600 per family. Out of the network, benefits are offered at 20% cost to the employee for all covered services with the same annual deductibles.

Average cost per month per employee for the third quarter is $1362.02.

Vision Insurance

VSP provides vision coverage to our employees, Directors and dependents. It provides an annual eye exam and discounted rates for frames, lenses and contacts.

The cost per month per employee for the third quarter is $17.21.

Dental Insurance

The District provides dental coverage with Delta Dental. Our dental insurance pays up to $1,500 for the upcoming year for covered services. All preventative services are offered every six months with the copay waived.

Average cost per month per employee for the third quarter is $82.21.

Long and Short Term Disability Insurance

The District offers Long and Short Term Disability Program through Lincoln National Life Insurance Company. The Long Term Disability program provides a maximum monthly benefit of $10,000. The Short Term Disability program provides a maximum weekly benefit of $ 1,500.

Both Short and Long Term Disability Programs are paid by the District and provides disability payments up to 66 2/3 of an employee's weekly or monthly salary if the claim is approved.

Average cost per month per employee for the third quarter is $41.41.

Long Term Care Insurance

Long Term care is a program that provides a monthly benefit of $2,500 to be applied to home health care or an assisted living facility.

Average cost per month per employee for the third quarter is $7.82.

Life Insurance Coverage

The District offers Life Insurance coverage through Lincoln National Life Insurance Company at twice the employee's annual salary up to a maximum of $300,000.

Lincoln National Life Insurance Company also provides life insurance coverage for the Directors.

Premium rates are based on age and salary of insured employees. The premium is adjusted on the employee's birthday every fifth year.

Average cost per month per employee for the third quarter is $35.51.

Employee Assistance Program (EAP) Coverage

UNUM is our carrier for our Employee Assistance Program. This program offers assistance in many areas such as: childcare, eldercare, legal consultations, and health information, personal relationship issues, financial planning assistance, stress management and career development. This benefit also comes with a $5,000 portable term life insurance benefit.

The cost per month per employee for the third quarter is $1.70.

An insurance report of Budget vs. Actual Costs for fiscal year 2018/2019 is attached for the Board's review as well as a summary of currently held District insurance policies.

Submitted by:
Nancy Laursen
Judy Cimorell

Budget vs. Actual - Q3 2018/19
4/1/2019

	Annual Budget	Actual Paid to Date	Difference
Insurance Coverage			
Liability	$140,000	$156,333	$16,333
Property	$70,000	$61,600	($8,400)
Fiduciary Liability (Pd 2 years 9/2018 - 8/2020)	$6,300	$12,327	$6,027
Dam Ins. (includes Excess)	$16,650	$19,155	$2,505
less SMWD- 50% &	($8,325)	($7,928)	$397
MNWD 5% - R-6	($833)	($793)	$40
Underground Storage Tank	$1,250	$1,385	$135
Excess Crime	$1,750	$1,900	$150
Total Insurance	**$226,792**	**$243,979**	**$17,187**

Benefits - Directors	Annual Budget	Q3 Budget	Accumulative Q1, Q2 & Q3 Actual	Difference
Long Term Care	$18,471	$13,853	$1,978	($11,876)
Dental	$4,728	$3,546	$2,722	($824)
Vision	$1,045	$784	$688	($95)
Life	$185	$139	$90	($49)
Total Benefits Directors	**$24,429**	**$18,322**	**$5,478**	**($12,844)**
Retiree Benefits				
Medical	$293,429	$220,072	$214,069	($6,003)
Employee paid	($29,343)	($22,007)	($21,407)	$600
Anthem Supplement	$13,299	$9,974	$9,905	($69)
Total retiree benefits	**$277,385**	**$208,039**	**$202,567**	**($5,471)**
Employee Benefits				
Emp.Assistance Program	$1,205	$904	$909	$5
Medical	$1,257,815	$943,361	$804,059	($139,303)
Emp. Co-pay	($95,451)	($71,588)	($63,866)	$7,723
Life/AD&D	$27,902	$20,927	$20,146	($781)
Dental	$59,475	$44,606	$44,082	($525)
Vision	$12,341	$9,256	$9,379	$124
LTD/STD	$35,564	$26,673	$23,834	($2,839)
LTC	$9,015	$6,761	$5,646	($1,115)
LTC-Emp. Paid	($2,598)	($1,949)	($1,476)	$472
Workers comp.	$160,000	$120,000	$84,504	($35,496)
Total Employee Benefits	**$1,465,268**	**$1,098,951**	**$927,217**	**($171,734)**

SUMMARY OF COVERAGE

Type of Coverage	GENERAL LIABILITY	Coverage Term: 10/18-19
Coverage Includes	1. Commercial General Liability 2. Contractual Liability 3. Products/Completed Operations 4. Personal Injury	**Premium - $156,333**
Coverage Limits	**Insurance Carrier**	**Policy Number**
	Pooled Self-insured	MOLC - 100110

Type of Coverage	AUTO LIABILITY	Coverage Term: 10/18-19
Coverage Includes	1. Owned Automobiles/Trucks 2. Non-owned Automobiles/Trucks 3. Hired Automobiles/Trucks	**Premium - Included**
Coverage Limits	**Insurance Carrier**	**Policy Number**
	Pooled Self-insured	MOLC - 100110

Type of Coverage	PUBLIC OFFICIALS LIABILITY	Coverage Term: 10/18-19
Coverage Includes	1. Errors & Omissions	**Premium - Included**
Coverage Limits	**Insurance Carrier**	**Policy Number**
	Pooled Self-insured	MOLC - 100110

Type of Coverage	PROPERTY	Coverage Term: 4/18 - 19
Coverage Includes	1. Basic Property Values- Building, Fixed Equipment, Personal Property 2. Mobile Equipment Value 3. Licensed Vehicle - Comprehensive & Collision - Private Passenger, Light Truck, Sport Utility, Other Vehicles	**$61,600**
Automobile Physical Damage **Comprehensive - 83 Vehicles** **Collision - 83 Vehicles**		
Coverage Limits	**Insurance Carrier**	**Policy Number**
	Pooled Self-insured	MOLC - 100110

Type of Coverage	**EXCESS CRIME PROGRAM**	**Coverage Term: 4/18- 19**
Coverage Includes	1. Public Employee Dishonesty 2. Forgery or Alteration 3. Computer Fraud 4. Faithful Performance of Duty 5. Treasurer/Tax Collector/Board Members (included)	**Premium - $1,900**
Coverage Limits	**Insurance Carrier**	**Policy Number**
	Pooled Self-insured	MOLC - 100110

Type of Coverage	**UNDERGROUND STORAGE TANK POLLUTION LIABILITY**	**Coverage Term: 7/18-19**
Coverage Includes	1. Claims-Made 2. Environmental Incident	**Premium - $1,385**
Covers 1 Tank Located at: **23542 Moulton Parkway** **Laguna Woods, CA 92637**		
Coverage Limits	**Insurance Carrier**	**Policy Number**
	Pooled Self-insured	MOLC - 100110

Type of Coverage	**DAM FAILURE LIABILITY**	**Coverage Term: 10/18-19**
Coverage (Includes Excess Ins. for El Toro Reservoir)	1. Bodily Injury 2. Property Damage	**Premium - $19,155**
Covers: **El Toro Reservoir** **Rossmoor Dam**		
Coverage Limits	**Insurance Carrier**	**Policy Number**
$20 Million – ETWD & Rossmoor	Pooled Self-insured	MOLC - 100110

Type of Coverage	**FIDUCIARY LIABILITY**	**Coverage Term: 9/18-19**
Coverage Includes 2 years Pre-paid Premium	1. Executive Protection Policy	**Premium - $12,327**
Parent Organization: **ETWD Retirement Savings Plan & Trust Agreement**		
Coverage Limits	**Insurance Carrier**	**Policy Number**
	Travelers Casualty & Surety Co. of America	105992703

Type of Coverage	WORKERS' COMPENSATION	Coverage Term: 7/18 - 6/19
Coverage Includes	1. Coverage A - Workers' Compensation 2. Coverage B - Employer's Liability	**Premium - Paid Quarterly** **Varies per Payroll**
Coverage Limits	**Insurance Carrier**	**Policy Number**
Coverage A		
$0 - $2 Million	Pooled Self-insured	MOLC - 100110
$2 Million to Statutory		
Coverage Limits	**Insurance Carrier**	**Policy Number**
Coverage B		
$0 - $2 Million	Pooled Self-insured	MOLC - 100110
$2 Million excess of $2 Million SIR		

Type of Coverage	LIFE & ACCIDENT	3rd Quarter Premium $6,523
Coverage Includes	**Coverage - 2 X Annual Income (Max. of $300,000)**	
Insurance Carrier	**Lincoln National Life Insurance Co.**	**Policy # 10218807**
Eligibility Period	**2 Months After Hire**	
Plan Wait or Deductible	**60 Days**	

Type of Coverage	LONG / SHORT TERM DISABILITY	3rd Quarter Premium $7,577
Coverage Includes	**66 2/3 Insured Earnings Max. of $10,000**	
Insurance Carrier	**Lincoln National Life Insurance Co.**	**Policy # 10218808**
Eligibility Period	**1 Year After Hire**	
Plan Wait or Deductible	**30 Days STD 90 Days or 9 Weeks LTD**	

Type of Coverage	LONG TERM CARE	3rd Quarter Premium $1,431
Coverage Includes	**$2,500/Month $150,000 Total Benefit**	
Insurance Carrier	**UNUM**	**Policy # 220384**
Eligibility Period	**1 Year After Hire**	
Plan Wait or Deductible	**365 Days**	

Type of Coverage	PERSONAL ACCIDENT INSURANCE	3rd Quarter Premium Employee Paid
Coverage Includes	$50,000 or $100,000	
Insurance Carrier	INA	Policy # OKH-1253-56
Eligibility Period	Optional	
Plan Wait or Deductible	None	

Type of Coverage	DENTAL	3rd Quarter Premium $15,854
Coverage Includes	$25.00 or $50.00/Family	
Insurance Carrier	Delta Dental Plan of California	Policy #399-1012
Eligibility Period	2 Months After Hire	
Plan Wait or Deductible	60 Days	

Type of Coverage	MEDICAL	3rd Quarter Premium $315,267
Coverage Includes	HMO or PPO by Employee Choice	
Insurance Carrier	Anthem Blue Cross / Kaiser Insurance thru ACWA	Policy #229CA
Eligibility Period	1 Month After Hire	
Plan Wait or Deductible	30 Days	

* Premium includes employees and retirees

Type of Coverage	VISION	3rd Quarter Premium $3,373
Coverage Includes	Annual Exam/Frame Every 2 Years	
Insurance Carrier	Vision Service Plan thru ACWA	Policy #399-1012
Eligibility Period	2 Months After Hire	
Plan Wait or Deductible	60 Days	

EL TORO WATER DISTRICT
FINANCIAL REPORT
April 23, 2019

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EL TORO WATER DISTRICT
BALANCE SHEET

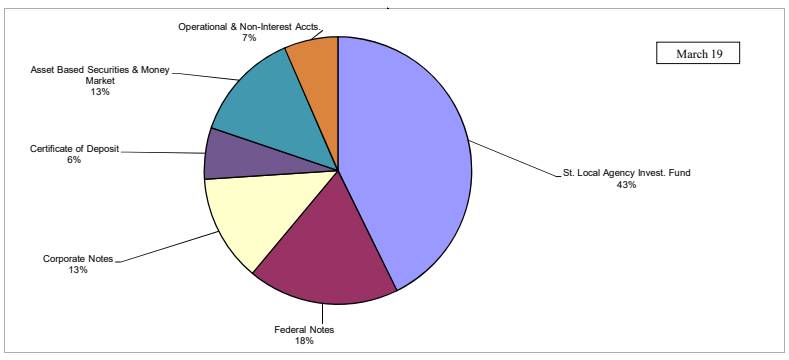
	3/31/19 (Unaudited)	June 30, 2018 (Audited)
ASSETS		
Current Assets		
Cash & Investments	$5,891,264	$2,459,711
Receivables:		
Accounts Receivable	2,761,987	3,282,569
Notes Receivable	-	-
Inventories	652,506	659,179
Prepaid Expenses	208,294	207,509
Total Current Assets	9,514,051	6,608,969
Restricted Assets		
Cash & Investments	12,496,388	11,589,909
Total Restricted Assets	12,496,388	11,589,909
Non-Current Assets		
Utility Plant:		
Land & Easements	7,451,585	7,451,585
Long Term Leases	342,382	342,382
Equipment	113,726,106	112,921,077
Collection & Impound Reservoirs	6,243,706	6,243,706
Structure & Improvements	34,776,657	34,734,945
Total Utility Plant	162,540,437	161,693,697
Less Accumulated Depreciation & Amortization	(74,323,897)	(71,020,533)
Net Utility Plant	88,216,540	90,673,164
Construction Work in Progress	6,607,990	5,436,790
Notes Receivable	-	-
Total Non-current Assets	94,824,530	96,109,954
TOTAL ASSETS	$116,834,969	$114,308,831

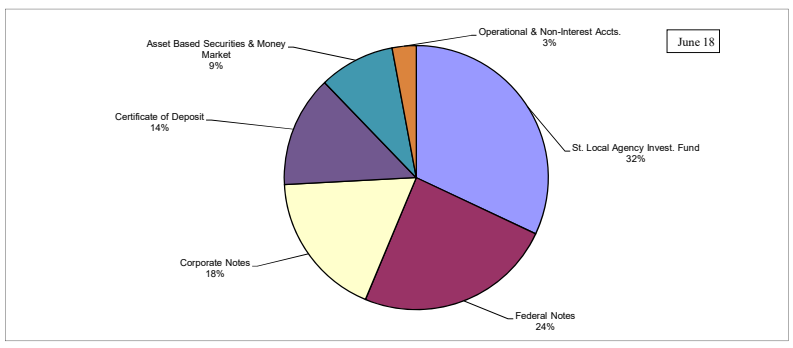
EL TORO WATER DISTRICT
BALANCE SHEET

	3/31/19 (Unaudited)	June 30, 2018 (Audited)
LIABILITIES and EQUITY		
Liabilities		
Current Liabilities Payable		
Accounts Payable	$901,765	$2,478,256
Current Portion of Long-Term Debt	401,152	1,782,485
Other Current Liabilities	2,016,320	2,109,095
Total Current Liabilities Payable From Current Assets	3,319,237	6,369,836
Long Term Debt		
Long Term Debt	50,195,811	45,218,263
Total Long Term Debt	50,195,811	45,218,263
Total Liabilities	53,515,048	51,588,100
Fund Equity		
Retained Earnings - Reserved	17,034,893	17,034,893
Contributed Capital	8,744,767	8,744,767
Retained Earnings - Unreserved	36,941,072	38,037,954
Net Income	599,189	(1,096,882)
Total Fund Equity	63,319,920	62,720,732
Total Liabilites & Fund Equity	$116,834,969	$114,308,831

CASH & INVESTMENTS
SUMMARY OF INVESTMENTS BY TYPE

	Maturity Dates	Par	Market Value 3/31/19	Financial Institution	YTM 3/31/19	Original Cost 3/31/19
State Local Agency Investment Fund	NA	NA	$7,789,649	LAIF	2.44%	$7,789,649
US Treasury N/B - Coupon Rate 1.625%	7/31/2020	60,000	59,398	US Bank/CAMP	1.60%	60,038
US Treasury N/B - Coupon Rate 1.375%	8/31/2020	110,000	108,453	US Bank/CAMP	1.53%	109,502
US Treasury N/B - Coupon Rate 1.375%	8/31/2020	260,000	256,344	US Bank/CAMP	1.44%	259,523
US Treasury N/B - Coupon Rate 1.375%	10/31/2020	95,000	93,564	US Bank/CAMP	1.65%	94,228
US Treasury N/B - Coupon Rate 1.750%	12/31/2020	340,000	336,653	US Bank/CAMP	1.90%	338,513
US Treasury N/B - Coupon Rate 1.375%	1/31/2021	50,000	49,156	US Bank/CAMP	2.05%	49,006
US Treasury N/B - Coupon Rate 1.125%	2/28/2021	150,000	146,701	US Bank/CAMP	2.41%	144,428
US Treasury N/B - Coupon Rate 2.000%	5/31/2021	490,000	487,110	US Bank/CAMP	2.62%	481,272
Intl BK of Recon & Dev Global Notes - Coupon Rate 1.125%	11/27/2019	110,000	109,055	US Bank/CAMP	1.50%	109,098
Intl BK of Recon & Dev Notes - Coupon Rate 1.875%	4/21/2020	90,000	89,472	US Bank/CAMP	1.90%	89,922
Inter-American Devel BK Note - Coupon Rate 1.625%	5/12/2020	150,000	148,739	US Bank/CAMP	1.70%	149,645
Intl BK of Recon & Dev Notes - Coupon Rate 1.561%	9/12/2020	90,000	88,845	US Bank/CAMP	1.64%	89,784
Inter-American Development Bank - Coupon Rate 2.125%	11/9/2020	90,000	89,563	US Bank/CAMP	1.81%	90,834
Intl Finance Note - Coupon Rate 2.250%	1/25/2021	70,000	69,838	US Bank/CAMP	2.35%	69,794
Intl Finance Corporation Note - Coupon Rate 2.635%	3/9/2021	90,000	89,981	US Bank/CAMP	2.66%	89,933
Inter-American Dev Bank Note - Coupon Rate 1.875%	3/15/2021	200,000	198,115	US Bank/CAMP	2.56%	196,046
Inter-American Dev Bank Note - Coupon Rate 2.625%	4/19/2021	70,000	70,347	US Bank/CAMP	2.70%	69,846
CA ST TXBL GO Bonds- Coupon Rate 2.800%	4/1/2021	100,000	100,903	US Bank/CAMP	2.80%	100,004
FNA 2018-MS A2- Coupon Rate 3.560%	9/25/2021	49,873	50,501	US Bank/CAMP	2.27%	50,865
FNMA Notes - Coupon Rate 1.000%	8/28/2019	500,000	497,014	US Bank/CAMP	1.10%	498,650
FNMA Notes - Coupon Rate 1.500%	2/28/2020	200,000	198,338	US Bank/CAMP	1.52%	199,872
Federal Notes		3,364,873	3,338,088			3,340,800
American Honda Finance - Coupon Rate 1.200%	7/12/2019	150,000	149,404	US Bank/CAMP	1.48%	148,887
Goldman Sachs Group Inc - Coupon Rate 1.950%	7/23/2019	60,000	59,849	US Bank/CAMP	1.96%	59,993
Cisco Systems Notes - Coupon Rate 1.400%	9/20/2019	150,000	149,172	US Bank/CAMP	1.42%	149,931
Honeywell International Corp. Notes - Coupon Rate 1.800%	10/30/2019	25,000	24,877	US Bank/CAMP	1.84%	24,981
American Express Credit Corp. - Coupon Rate 1.700%	10/30/2019	100,000	99,483	US Bank/CAMP	1.99%	99,240
Citigroup Inc. Corp. Note - Coupon Rate 2.450%	1/10/2020	50,000	49,891	US Bank/CAMP	1.90%	50,607
BB&T Corp. Note - Coupon Rate 2.450%	1/15/2020	100,000	99,799	US Bank/CAMP	2.08%	101,053
Morgan Stanley Corp. Bonds - Coupon Rate 2.650%	1/27/2020	40,000	39,955	US Bank/CAMP	2.35%	40,346
IBM Corp. Notes - Coupon Rate 1.900%	1/27/2020	100,000	99,371	US Bank/CAMP	1.93%	99,904
Microsoft Corp. Note - Coupon Rate 1.850%	2/6/2020	90,000	89,467	US Bank/CAMP	1.87%	89,940
Apple Inc. Bonds - Coupon Rate 1.900%	2/7/2020	80,000	79,626	US Bank/CAMP	1.92%	79,961
Chevron Corp Notes - Coupon Rate 1.991%	3/3/2020	70,000	69,621	US Bank/CAMP	1.99%	70,000
Walt Disney Corp Notes - Coupon Rate 1.950%	3/4/2020	20,000	19,866	US Bank/CAMP	1.96%	19,995
Exxon Mobil Corp Note - Coupon Rate 1.912%	3/6/2020	90,000	89,458	US Bank/CAMP	1.75%	90,402
John Deere Capital Corp. - Coupon Rate 2.200%	3/13/2020	40,000	39,839	US Bank/CAMP	2.23%	39,969
Goldman Sachs Group Inc Corp Notes - Coupon Rate 2.600%	4/23/2020	30,000	29,915	US Bank/CAMP	2.28%	30,226
General Dynamics Corp. - Coupon Rate 2.875%	5/11/2020	50,000	50,166	US Bank/CAMP	3.06%	49,823
Apple Inc. Bonds - Coupon Rate 1.800%	5/11/2020	60,000	59,533	US Bank/CAMP	1.84%	59,939
Intel Corp Notes - Coupon Rate 1.850%	5/11/2020	90,000	89,299	US Bank/CAMP	1.86%	89,966
Home Depot Inc Corp Notes - Coupon Rate 1.800%	6/5/2020	40,000	39,705	US Bank/CAMP	1.82%	39,977
Walt Disney Corp Notes - Coupon Rate 1.800%	6/5/2020	70,000	69,347	US Bank/CAMP	1.84%	69,919
John Deere Capital Corp Notes - Coupon Rate 1.950%	6/22/2020	20,000	19,844	US Bank/CAMP	1.97%	19,988
State Street Corp Notes - Coupon Rate 2.550%	8/18/2020	10,000	9,994	US Bank/CAMP	1.83%	10,208
State Street Corp Notes - Coupon Rate 2.550%	8/18/2020	70,000	69,961	US Bank/CAMP	1.82%	71,471
Caterpillar Finl Service Note - Coupon Rate 1.850%	9/4/2020	70,000	69,214	US Bank/CAMP	1.88%	69,941
Citigroup Inc Corp Notes - Coupon Rate 2.650%	10/26/2020	40,000	39,900	US Bank/CAMP	2.34%	40,360
Paccar Financial Corp Notes - Coupon Rate 2.050%	11/13/2020	20,000	19,825	US Bank/CAMP	2.05%	19,998
VISA Inc. (Callable) Corp Notes - Coupon Rate 2.200%	12/14/2020	20,000	19,912	US Bank/CAMP	1.85%	20,220
Wal-Mart Stores Inc. Corp. Note - Coupon Rate 1.900%	12/15/2020	90,000	89,222	US Bank/CAMP	1.95%	89,870
Paccar Financial Corp Notes - Coupon Rate 2.800%	3/1/2021	30,000	30,098	US Bank/CAMP	2.82%	29,985
National Rural Util Coop - Coupon Rate 2.900%	3/15/2021	35,000	35,179	US Bank/CAMP	2.94%	34,961
United Parcel Service Corporate Bond - Coupon Rate 2.050%	4/1/2021	90,000	89,205	US Bank/CAMP	2.10%	89,858
Toyota Motor Credit Corp Notes - Coupon Rate 2.950%	4/13/2021	90,000	90,611	US Bank/CAMP	2.96%	89,964
Pepsico Inc. Corp. Note - Coupon Rate 2.000%	4/15/2021	30,000	29,743	US Bank/CAMP	2.01%	29,994
Hershey Company Corp. Note - Coupon Rate 3.100%	5/15/2021	40,000	40,399	US Bank/CAMP	3.12%	39,972
American Express Co. - Coupon Rate 3.375%	5/17/2021	45,000	45,577	US Bank/CAMP	3.38%	44,992
Charles Schwab Corp. Corp. Notes - Coupon Rate 3.250%	5/21/2021	55,000	55,690	US Bank/CAMP	3.25%	54,998
Bank of America Note - Coupon Rate 2.328%	10/1/2021	90,000	89,163	US Bank/CAMP	2.33%	90,000
Corporate Notes		2,350,000	2,341,180			2,351,838
Sumitomo Mitsui Bank CD - Coupon Rate 2.050%	5/3/2019	180,000	179,918	US Bank/CAMP	2.05%	180,000
Skandinav Enskilda Banken NY CD - Coupon Rate 1.840%	8/2/2019	180,000	179,527	US Bank/CAMP	1.85%	179,930
MUFG Bank LTD/NY CD- Coupon Rate 2.070%	9/25/2019	100,000	99,626	US Bank/CAMP	2.07%	100,000
Credit Suisse New York CD- Coupon Rate 2.670%	2/7/2020	100,000	100,113	US Bank/CAMP	2.67%	100,000
Nordea Bank AB NY CD- Coupon Rate 2.720%	2/20/2020	90,000	90,200	US Bank/CAMP	2.72%	90,000
Bank of Nova Scotia Houston CD - Coupon Rate 3.080%	6/5/2020	100,000	100,700	US Bank/CAMP	3.10%	99,962
Westpac Banking Corp NY CD - Coupon Rate 2.050%	8/3/2020	150,000	149,159	US Bank/CAMP	2.05%	150,000
Swedbank (NewYork) CD- Coupon Rate 2.270%	11/16/2020	135,000	133,944	US Bank/CAMP	2.30%	135,000
Royal Bank of Canada NY CD- Coupon Rate 3.240%	6/7/2021	100,000	101,320	US Bank/CAMP	3.24%	100,000
Certificate of Deposit		1,135,000	1,134,505			1,134,892
Toyota ABS 2017-A A3 - Coupon Rate 1.730%	2/15/2021	34,742	34,576	US Bank/CAMP	1.74%	34,738
John Deere ABS 2017-A A3 - Coupon Rate 1.780%	4/15/2021	20,011	19,915	US Bank/CAMP	1.79%	20,008
Toyota ABS 2017-B A3 - Coupon Rate 1.760%	7/15/2021	92,595	92,098	US Bank/CAMP	1.76%	92,588
Honda ABS 2017-1 A3 - Coupon Rate 1.720%	7/21/2021	26,467	26,319	US Bank/CAMP	1.72%	26,465
Hyundai ABS 2017-A A3 - Coupon Rate 1.760%	8/15/2021	34,289	34,097	US Bank/CAMP	1.76%	34,286
Nissan ABS 2017-A A3 - Coupon Rate 1.740%	8/15/2021	43,581	43,345	US Bank/CAMP	1.74%	43,576
Ally ABS 2017-2 A3 - Coupon Rate 1.780%	8/15/2021	48,474	48,252	US Bank/CAMP	1.79%	48,468
Honda ABS 2017-2 A3 - Coupon Rate 1.680%	8/16/2021	79,928	79,370	US Bank/CAMP	1.68%	79,921
CCCIT 2017-A9 A9 - Coupon Rate 1.800%	9/20/2021	100,000	99,606	US Bank/CAMP	1.80%	99,993
John Deere ABS 2017-B A3 - Coupon Rate 1.820%	10/15/2021	30,000	29,809	US Bank/CAMP	1.82%	29,998
Ford ABS 2017-B A3 - Coupon Rate 1.690%	11/15/2021	70,000	69,510	US Bank/CAMP	1.69%	69,997
American Express 2017-4 A - Coupon Rate 1.640%	12/15/2021	100,000	99,843	US Bank/CAMP	1.65%	99,984
Hyundai ABS 2017-B A3 - Coupon Rate 1.770%	1/15/2022	80,000	79,345	US Bank/CAMP	1.78%	79,986
Allya 2017-5 A3 - Coupon Rate 1.990%	3/15/2022	70,000	69,621	US Bank/CAMP	1.99%	69,995
Fordo 2017-C A3 - Coupon Rate 2.010%	3/15/2022	110,000	109,334	US Bank/CAMP	2.02%	109,980
Citibank 2017-A3 A3 - Coupon Rate 1.920%	4/7/2022	100,000	99,314	US Bank/CAMP	1.82%	100,267
JDOT 2018-A A3 - Coupon Rate 2.660%	4/15/2022	20,000	20,009	US Bank/CAMP	2.66%	19,999
Hart 2018-A A3 - Coupon Rate 2.790%	7/15/2022	35,000	35,088	US Bank/CAMP	2.80%	34,995
MBart 2018-1 A3 - Coupon Rate 3.030%	1/15/2023	55,000	55,421	US Bank/CAMP	3.03%	54,998
CAMP Money Market Fund	NA	NA	1,271,092	US Bank/CAMP	2.61%	1,271,092
Asset Based Securities & Money Market		1,150,087	2,415,965			2,421,333
Total Camp Investments		7,999,960	9,229,738			9,248,862
Operational & Non-Interest Bearing Accounts						
ETWD General Cash Account	NA	NA	1,144,879	Union Bank of Cal.	0.00%	1,144,879
ETWD Capital Facilities Reserve Account	NA	NA	45,853	Union Bank of Cal.	0.00%	45,853
ETWD Payroll Account	NA	NA	0	Union Bank of Cal.	0.00%	0
ETWD Petty Cash Account	NA	NA	700	Union Bank of Cal.	0.00%	700
Operational & Non-Interest Accts.			1,191,433			1,191,433
			$18,210,819	**Total Investments & Cash**		$18,229,943





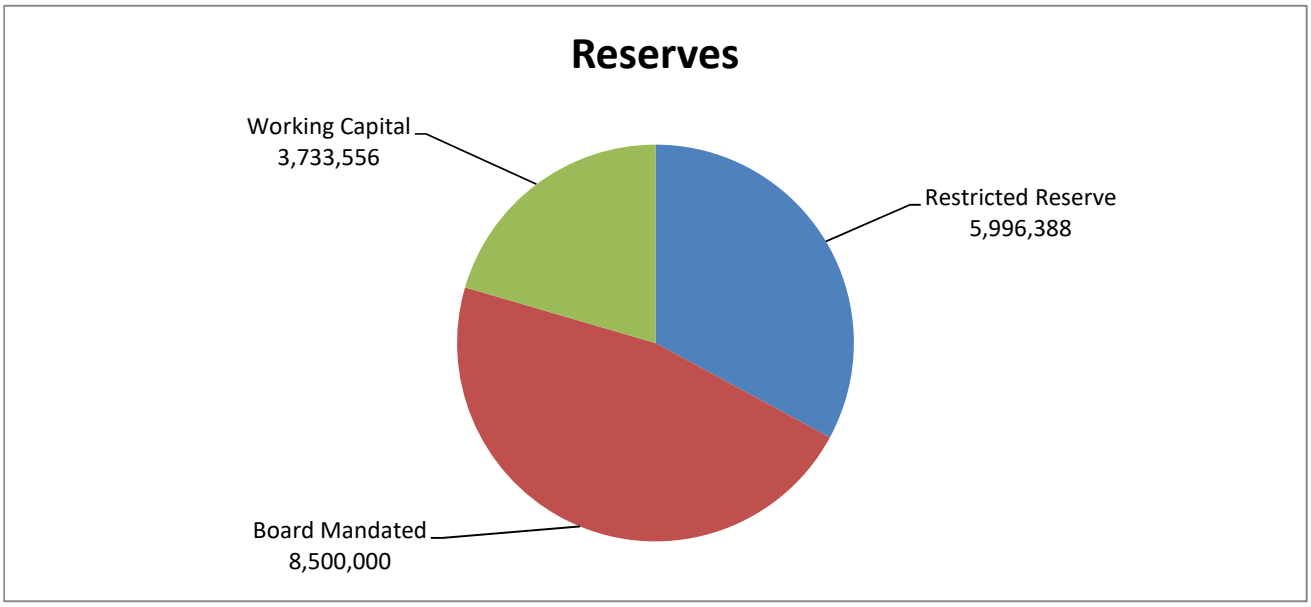
LIQUIDITY

	March 31, 2019			June 30, 2018	
	$	%		$	%
DEMAND	$ 10,252,173	56.24%		$ 4,910,610	35.03%
30 Days	$ -	0.00%		$ -	0.00%
31-180 Days	$ 1,317,391	7.23%		$ 398,073	2.84%
181 - 360	$ 1,305,366	7.16%		$ 712,727	5.08%
361-1800 Days	$ 5,355,013	29.37%		$ 7,995,983	57.04%
TOTAL	$ 18,229,943	100.00%		$ 14,017,392	100.00%

EL TORO WATER DISTRICT

RESERVE ANALYSIS

31-Mar-19



Restricted Reserve	$	5,996,388
Board Mandated	$	8,500,000
Capital Cash Flow / Compliance	$	3,733,556
Total	**$**	**18,229,943**

Restricted Reserve

SRFL-Recycled	$	1,602,958
Capital Facilities Reserve	$	64,514
Tiered Cons Fund	$	2,527,223
Baker Funding	$	1,801,692
Total	**$**	**5,996,388**

Board Mandated Minimum Reserve Levels

Capital Construction	$	3,000,000
Rate Stabilization	$	2,200,000
Operations	$	1,300,000
Working Capital	$	2,000,000
Total	**$**	**8,500,000**

Six months operating expense requirement:	$11,119,197
Cash less restricted reserve on hand:	$12,233,556

EL TORO WATER DISTRICT
CHANGE IN RESERVES

	March 31, 2019	Year to Date	June 30, 2018
Operating Revenue	1,620,592	18,143,099	25,189,081
Non-operating Revenue	139,361	1,753,017	1,601,543
Total Revenue	1,759,953	19,896,116	26,790,623
Operating Expenses	1,555,963	15,421,902	22,753,546
Depreciation	366,470	3,298,230	4,343,207
Non-operating Expenses	64,088	576,795	790,753
Total Expenses	1,986,521	19,296,928	27,887,506
NET INCOME	(226,568)	599,189	(1,096,882)
Non-Cash Items:			
Add: Depreciation	366,470	3,298,230	4,343,207
Change in Notes Receivable/Grant Fund	-	-	-
Loan Proceeds	-	4,977,548	(1,776,305)
Less: Debt Service	-	(1,381,333)	36,668
Capital Improvements	(27,125)	(2,057,926)	(5,604,856)
Total Non-Cash Items	339,345	4,836,518	(3,001,286)
CHANGE IN RESERVES	112,777	5,435,707	(4,098,168)

EL TORO WATER DISTRICT
Cash Sheet
For the month ending March 31, 2019

CHECK NUMBER	PAYMENT DATE	VENDOR NAME		PAYMENT AMOUNT
86612	03/07/2019	MUNICIPAL WATER DISTRICT OF ORANGE CO.		290,186.76
86669	03/21/2019	ACWA HEALTH BENEFITS AUTHORITY		121,159.57
86689	03/21/2019	SO. CALIFORNIA EDISON CO.		69,715.10
		TOTAL CHECKS OVER $50,000	**$**	**481,061.43**
		TOTAL CHECKS IN REGISTER	**$**	**817,308.28**

INTERBANK WIRES / DEBIT TRANSFERS

	03/01/2019	PAYROLL DIRECT DEPOSIT		148,540.61
	03/01/2019	FEDERAL DEPOSIT LIABILITY		31,606.86
	03/01/2019	SDI & STATE TAX		12,510.28
	03/01/2019	WAGE GARNISHMENTS		585.00
	03/01/2019	PRUDENTIAL (401K)		54,583.36
	03/01/2019	PRUDENTIAL (457)		18,323.77
	03/15/2019	PAYROLL BOARD OF DIRECTOR		5,576.63
	03/15/2019	SS, MEDICARE, SDI & STATE TAX		1,463.47
	03/15/2019	PRUDENTIAL (457)		3,300.70
	03/15/2019	PAYROLL DIRECT DEPOSIT		143,447.43
	03/15/2019	FEDERAL DEPOSIT LIABILITY		28,876.26
	03/15/2019	SDI & STATE TAX		11,100.41
	03/15/2019	WAGE GARNISHMENTS		585.00
	03/15/2019	PRUDENTIAL (401K)		51,283.56
	03/15/2019	PRUDENTIAL (457)		16,905.73
	03/29/2019	PAYROLL DIRECT DEPOSIT		144,880.99
	03/29/2019	FEDERAL DEPOSIT LIABILITY		28,665.31
	03/29/2019	SDI & STATE TAX		11,015.88
	03/29/2019	PRUDENTIAL (401K)		50,866.19
	03/29/2019	PRUDENTIAL (457)		17,123.58
	03/31/2019	ADP AND BANK FEES		6,511.69
		TOTAL INTERBANK WIRES / DEBIT TRANSFERS	**$**	**787,752.71**
		TOTAL DISBURSEMENTS	**$**	**1,605,060.99**

ETWD EMPLOYEES

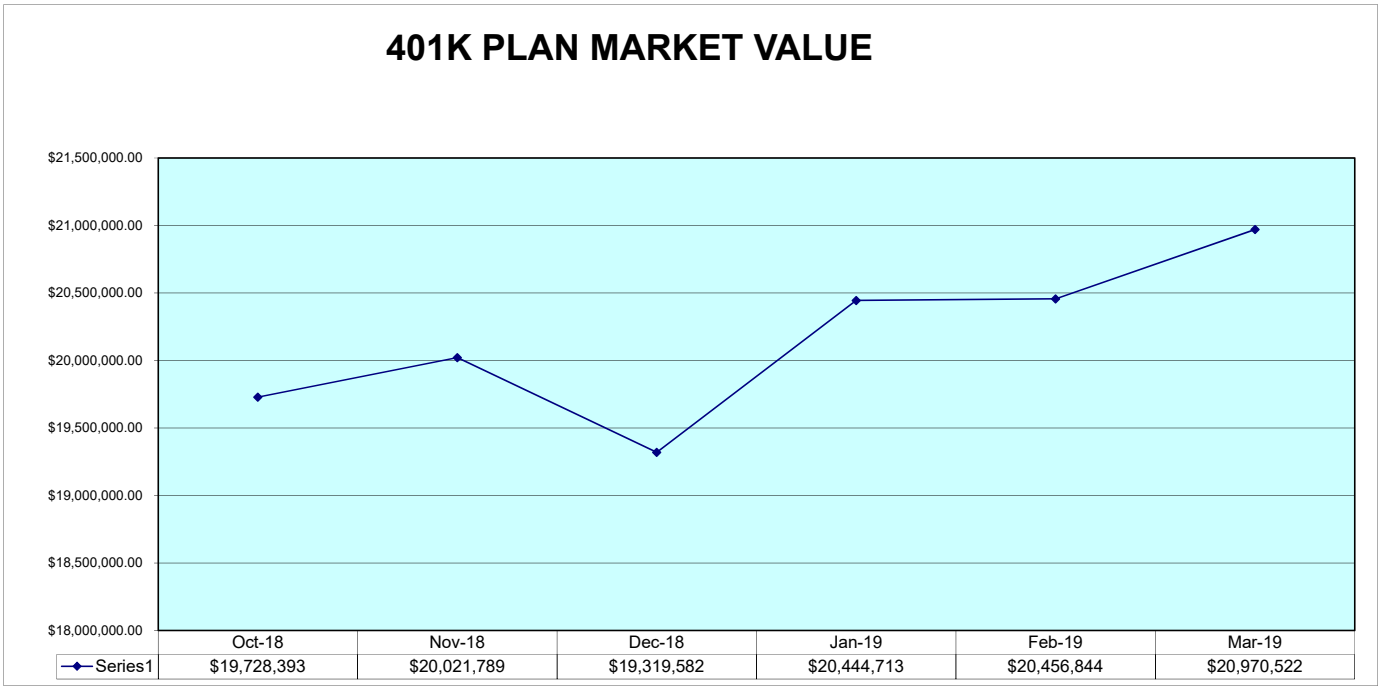
CHECK NUMBER	PAYMENT DATE	PAYEE (DESCRIPTION)		PAYMENT AMOUNT
86657	03/14/2019	ROMAN KOCIBAN (Expense Reimbursement)		155.00
86663	03/14/2019	STEVEN HANCOCK (Expense Reimbursement)		105.00
86681	03/21/2019	JOSHUABEL A. PEREZ (Expense Reimbursement)		60.00
		TOTAL CHECKS TO EMPLOYEES	**$**	**320.00**

ETWD DIRECTORS

CHECK NUMBER	PAYMENT DATE	PAYEE (DESCRIPTION)		PAYMENT AMOUNT
86648	03/14/2019	JOSE VERGARA (Expense Reimbursement)		187.92
86649	03/14/2019	KATHRYN FRESHLEY (Expense Reimbursement)		123.48
86650	03/14/2019	MARK MONIN (Expense Reimbursement)		121.80
		TOTAL CHECKS TO DIRECTORS	**$**	**433.20**

EL TORO WATER DISTRICT

401K PLAN SUMMARY

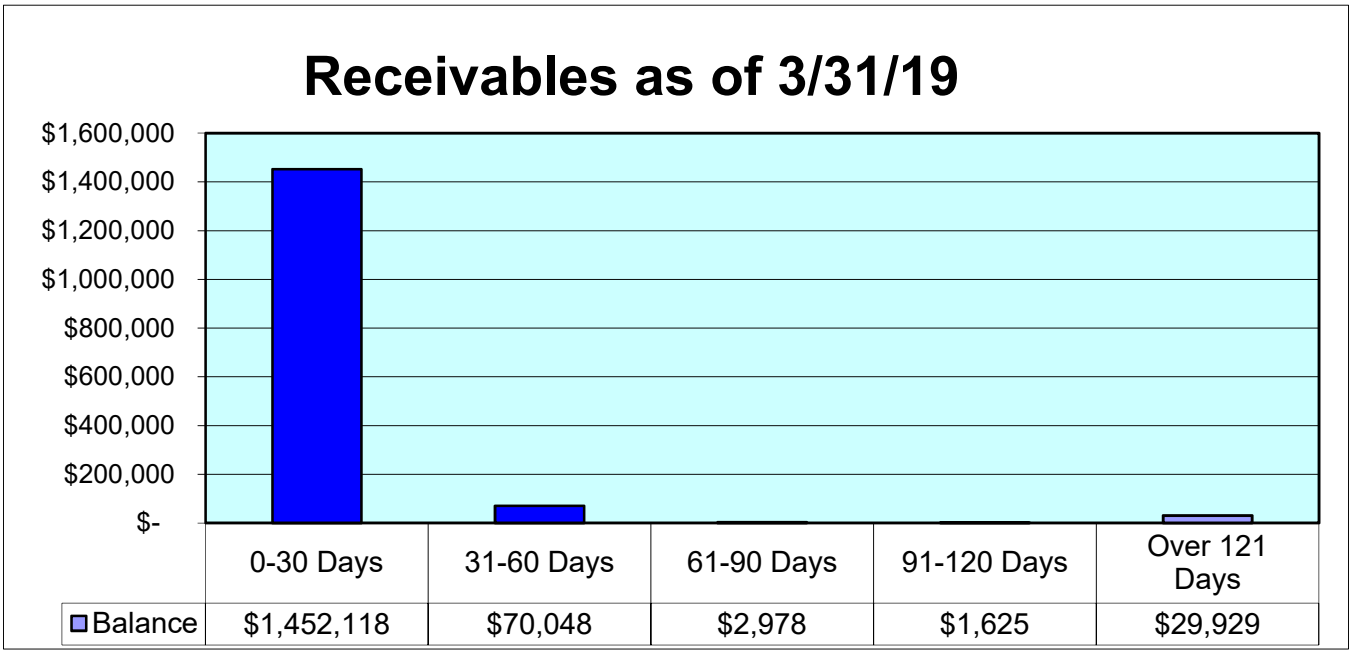


MARKET VALUE SUMMARY

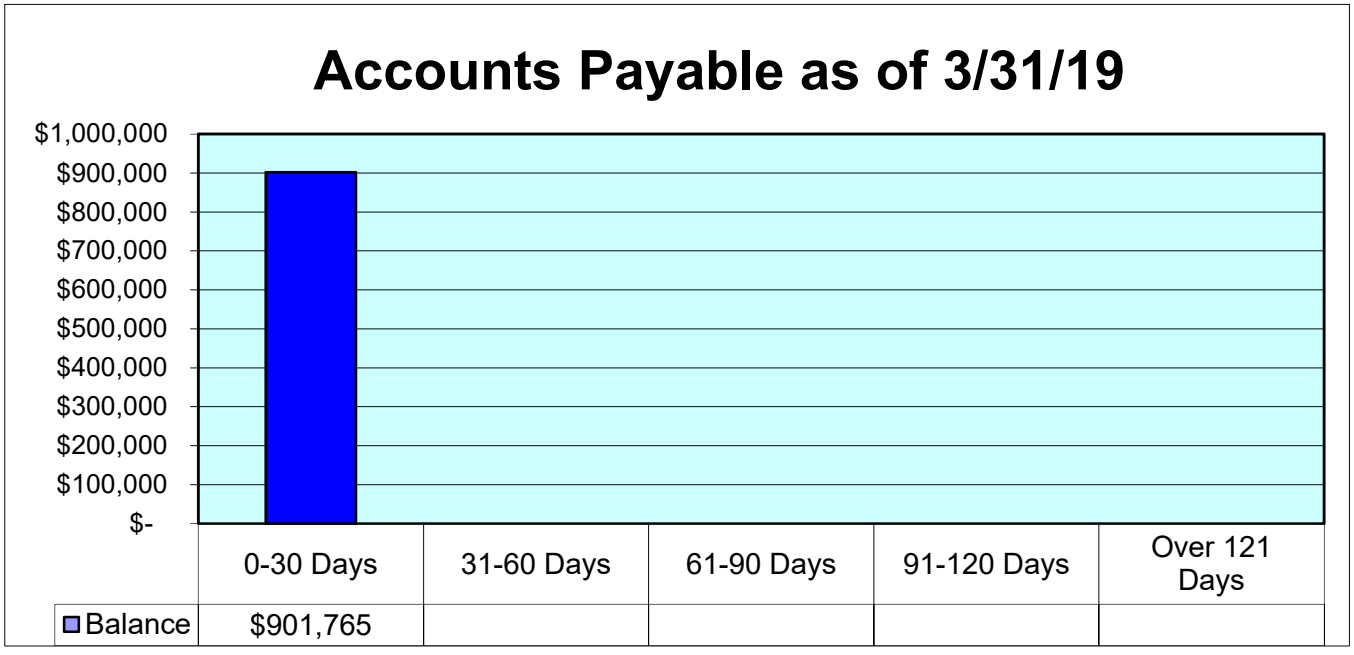
	Growth Under 40 yrs. Old	Capital Appreciation 40 to 44 yrs. Old	Balanced 45 to 49 yrs. Old	Balanced Income 50 to 54 yrs. Old	Income & Growth 55 to 59 yrs. Old	Income 60 to 64 yrs. Old	Capital Pres. Port Over 65 yrs. Old
Balance at July 1, 2018	$ 1,361,579.56	$0.00	$2,590,730.79	$0.00	$11,389,155.42	$0.00	$4,945,449.62
Contributions	204,853.77	51,584.90	103,245.58	179,679.93	233,502.31	462,577.72	104,395.99
Withdrawals	(82,829.35)	0.00	0.00	0.00	(59,980.00)	(698,368.17)	(258,238.27)
Transfers	(107,465.90)	460,635.42	(1,052,400.42)	5,554,333.46	(5,594,854.49)	2,794,956.15	(2,055,204.22)
Interest, dividends and appreciation net of fees and charges	19,730.40	1,759.80	126,695.75	8,109.74	206,313.70	(13,220.07)	93,793.13
Balance at March 31, 2019	$ 1,395,868.48	$513,980.12	$1,768,271.70	$5,742,123.13	$6,174,136.94	$2,545,945.63	$2,830,196.25
Average return YTD March 31, 2019	1.41%	0.34%	7.16%	0.14%	3.34%	-0.52%	3.31%

Average return is calculated by dividing the interest, dividends and appreciation, net of fees by ending fund balance and then annualize.

RECEIVABLES & PAYABLES AGEING



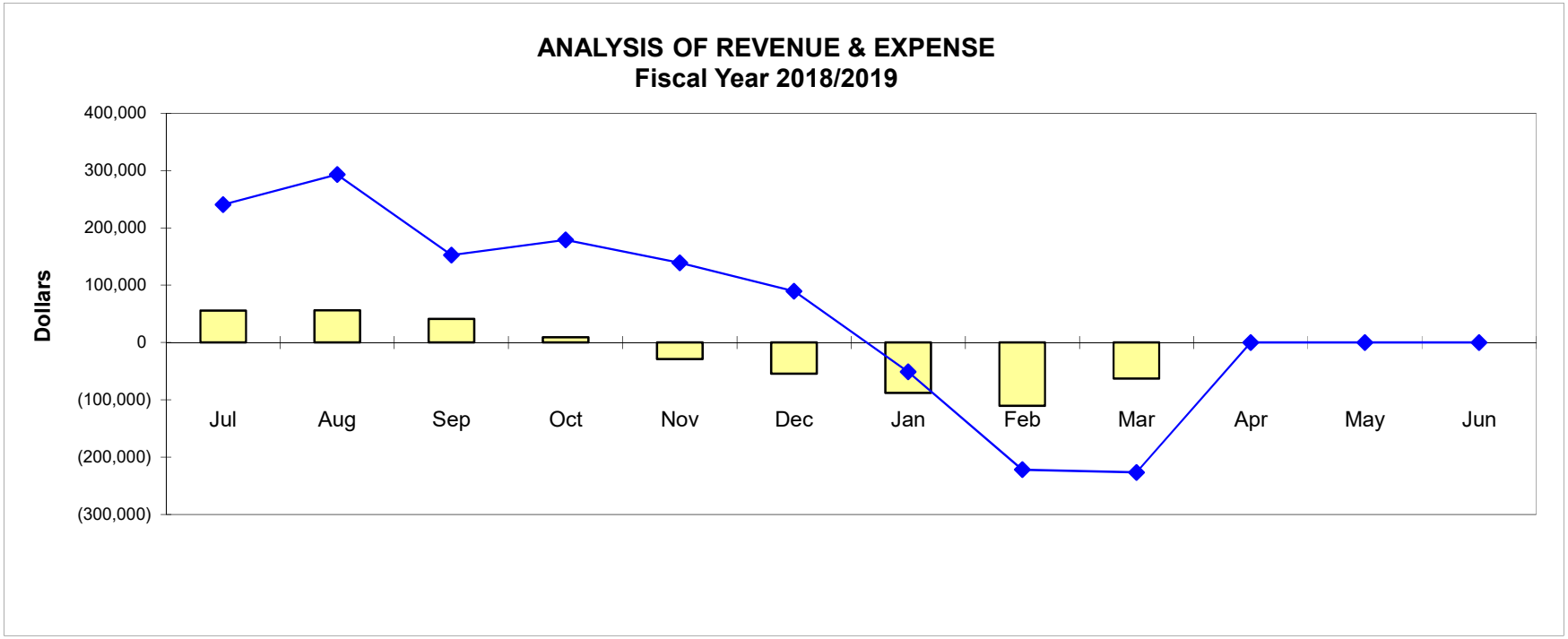
Bad Debts Year to Date: **$6,047**



Year to Date Discounts Taken: **$852**

El Toro Water District
Income Statement
March 2019

	Mar 19	Budget	% of Budget	Jul '18 - Mar 19	YTD Budget	% of Budget	Annual Budget
Income							
4600 · Water Service Charge	280,042.38	280,341.25	99.89%	2,493,544.86	2,523,071.25	98.83%	3,364,095.00
4700 · Sanitary Service	615,900.88	650,000.00	94.75%	5,780,157.88	5,850,000.00	98.81%	7,800,000.00
4722 · Recycled Water Tertiary Sales	1,018.40	113,351.51	0.9%	931,812.52	1,230,815.74	75.71%	1,695,000.00
4724 · Service Charge - Recycled Water	18,954.50	18,750.00	101.09%	168,889.20	168,750.00	100.08%	225,000.00
4750 · Capital Facilities Charge	250,393.13	251,250.00	99.66%	2,253,586.05	2,261,250.00	99.66%	3,015,000.00
4800 · Commodity Charge	450,662.89	629,704.58	71.57%	6,319,694.51	6,837,583.02	92.43%	9,416,278.00
4950 · Other Operating Income	3,620.00	4,583.33	78.98%	184,414.26	41,250.01	447.07%	55,000.00
4960 · Other Income	13,960.19	45,812.51	30.47%	737,127.45	412,312.47	178.78%	549,750.00
4967 · SMWD	0.00	9,166.67	0.0%	0.00	82,499.99	0.0%	110,000.00
4970 · MNWD	0.00	1,916.67	0.0%	11,000.00	17,249.99	63.77%	23,000.00
4980 · Interest Income	26,876.03	11,250.00	238.9%	244,975.38	101,250.00	241.95%	135,000.00
4985 · Changes FMV CAMP	23,890.58			80,960.10			
4986 · Changes FMV LAIF	0.00			1,944.25			
4990 · Property Taxes	74,634.04	72,916.67	102.36%	688,009.65	656,249.99	104.84%	875,000.00
Total Income	1,759,953.02	2,089,043.19	84.25%	19,896,116.11	20,182,282.46	98.58%	27,263,123.00
Gross Profit	1,759,953.02	2,089,043.19	84.25%	19,896,116.11	20,182,282.46	98.58%	27,263,123.00
Expense							
5100 · Personnel Cost	653,446.58	690,653.10	94.61%	5,944,915.68	6,215,877.95	95.64%	8,287,837.25
5405 · Water Purchases	371,324.66	537,142.49	69.13%	5,199,156.41	5,829,874.21	89.18%	8,027,968.00
5410 · Electrical Power	72,297.68	89,787.48	80.52%	769,807.42	808,087.56	95.26%	1,077,450.00
5415 · Repair Parts & Materials	24,635.81	32,133.75	76.67%	265,239.08	289,203.75	91.71%	385,605.00
5420 · Equipment Maintenance & Repair	10,587.26	8,172.52	129.55%	76,229.63	73,552.44	103.64%	98,070.00
5425 · Pump Maintenance & Repair	31,976.45	10,525.01	303.81%	94,896.21	94,724.97	100.18%	126,300.00
5430 · Motor Maintenance & Repair	3,808.13	2,150.01	177.12%	17,159.26	19,349.97	88.68%	25,800.00
5440 · Electrical/Contl Maint & Repair	7,752.76	5,791.67	133.86%	45,142.49	52,124.99	86.6%	69,500.00
5445 · Meter Maintenance & Repair	1,866.66	291.66	640.01%	3,511.38	2,625.02	133.77%	3,500.00
5455 · Chemicals	5,525.03	18,008.33	30.68%	145,026.21	162,075.01	89.48%	216,100.00
5460 · Structure Maint & Repair	3,899.14	1,780.00	219.05%	40,573.84	16,020.00	253.27%	21,360.00
5465 · Asphalt Maintenance & Repair	35,268.75	8,141.66	433.19%	105,553.75	73,275.02	144.05%	97,700.00
5470 · Consultants	11,371.87	9,516.67	119.49%	26,291.18	85,649.99	30.7%	114,200.00
5475 · Contractors	90,202.48	102,599.15	87.92%	878,571.82	923,392.55	95.15%	1,231,190.00
5480 · Engineers	12,586.75	6,333.33	198.74%	27,530.51	57,000.01	48.3%	76,000.00
5482 · Dump Fees	1,251.00	1,333.34	93.83%	7,840.21	11,999.98	65.34%	16,000.00
5485 · Laboratory	8,518.20	2,950.00	288.75%	40,744.03	26,550.00	153.46%	35,400.00
5490 · License & Permits	1,498.61	10,736.30	13.96%	106,068.90	96,626.10	109.77%	128,835.00
5495 · Gas & Oil	7,901.66	7,500.00	105.36%	74,980.36	67,500.00	111.08%	90,000.00
5500 · Equipment Rental	1,539.18	1,366.67	112.62%	13,073.16	12,299.99	106.29%	16,400.00
5505 · Landscaping	4,860.66	8,671.67	56.05%	100,856.94	78,044.99	129.23%	104,060.00
5510 · Small Tools & Equipment	3,134.79	5,129.17	61.12%	34,090.38	46,162.49	73.85%	61,550.00
5515 · Security	5,691.58	1,587.94	358.43%	19,612.98	14,291.18	137.24%	19,055.00
5520 · Operating Supplies	6,155.77	4,333.33	142.06%	37,266.65	39,000.01	95.56%	52,000.00
5525 · Safety Equipment	458.79	3,216.67	14.26%	10,464.35	28,949.99	36.15%	38,600.00
5530 · Temporary Help	0.00	2,833.34	0.0%	0.00	25,499.98	0.0%	34,000.00
5535 · Other Employee Cost	7,882.20	7,500.00	105.1%	103,594.60	67,500.00	153.47%	90,000.00
5540 · Depreciation	366,470.00	358,333.33	102.27%	3,298,230.00	3,225,000.01	102.27%	4,300,000.00
5545 · Insurance	43,622.62	40,712.49	107.15%	393,359.51	366,412.53	107.35%	488,550.00
5555 · Advertising & Publicity	0.00	208.33	0.0%	200.00	1,875.01	10.67%	2,500.00
5560 · Amortization	570.49	570.83	99.94%	5,134.41	5,137.51	99.94%	6,850.00
5570 · Annual Event	0.00	445.83	0.0%	5,585.07	4,012.51	139.19%	5,350.00
5575 · Audit	0.00	2,500.00	0.0%	22,500.00	22,500.00	100.0%	30,000.00
5580 · Bad Debts	5,647.48	1,666.67	338.85%	6,046.64	14,999.99	40.31%	20,000.00
5585 · Bank Charges	6,511.69	4,708.33	138.3%	48,854.41	42,375.01	115.29%	56,500.00
5590 · Data Processing Supply & Access	944.95	3,041.66	31.07%	14,518.77	27,375.02	53.04%	36,500.00
5595 · Data Processing Equipment	5,998.61	3,333.34	179.96%	22,509.10	29,999.98	75.03%	40,000.00
5600 · Data Processing Consultants	1,800.00	2,083.33	86.4%	36,722.00	18,750.01	195.85%	25,000.00
5605 · Directors Fees	10,193.00	8,750.00	116.49%	84,110.00	78,750.00	106.81%	105,000.00
5610 · Dues & Memberships	7,134.07	6,833.33	104.4%	67,810.26	61,500.01	110.26%	82,000.00
5615 · Education & Training	4,174.65	2,437.50	171.27%	28,126.20	21,937.50	128.21%	29,250.00
5620 · Election Expense	0.00	2,500.00	0.0%	33,532.54	22,500.00	149.03%	30,000.00
5625 · Employee Service Awards	0.00	483.33	0.0%	3,916.65	4,350.01	90.04%	5,800.00
5630 · Software Maintenance & Licenses	52,482.15	13,416.67	391.17%	126,451.71	120,749.99	104.72%	161,000.00
5640 · Interest Expense	64,088.38	64,088.42	100.0%	576,795.42	576,795.74	100.0%	769,061.00
5645 · Janitorial	2,985.00	2,816.67	105.98%	25,512.00	25,349.99	100.64%	33,800.00
5650 · Legal	6,364.41	12,500.00	50.92%	67,236.08	112,500.00	59.77%	150,000.00
5655 · Meets, Conventions & Travel	2,662.49	3,250.00	81.92%	23,703.94	29,250.00	81.04%	39,000.00
5657 · Meets, Con & Travel - Directors	1,213.78	2,333.33	52.02%	27,521.69	21,000.01	131.06%	28,000.00
5660 · Office Supplies	1,481.67	1,916.67	77.3%	10,049.61	17,249.99	58.26%	23,000.00
5670 · Postage	195.58	1,708.33	11.45%	5,609.88	15,375.01	36.49%	20,500.00
5675 · Printing & Reproduction	644.14	1,750.00	36.81%	9,198.45	15,750.00	58.4%	21,000.00
5680 · Property Tax	149.55	458.33	32.63%	3,967.35	4,125.01	96.18%	5,500.00
5685 · Public Education & Outreach	5,781.29	18,600.00	31.08%	63,982.41	167,400.00	38.22%	223,200.00
5690 · Publications & Subscriptions	0.00	250.00	0.0%	2,072.05	2,250.00	92.09%	3,000.00
5695 · Communications	7,783.42	8,500.00	91.57%	80,708.44	76,500.00	105.5%	102,000.00
5700 · Utilities	2,179.12	1,775.00	122.77%	14,765.49	15,975.00	92.43%	21,300.00
Total Expense	1,986,520.99	2,152,156.98	92.3%	19,296,927.51	20,365,003.99	94.76%	27,408,141.25
	Mar 19	**Budget**	**% of Budget**	**Jul '18 - Mar 19**	**YTD Budget**	**% of Budget**	**Annual Budget**
Net Income	**-226,567.97**	**-63,113.79**	**358.98%**	**599,188.60**	**-182,721.53**	**-327.92%**	**-145,018.25**

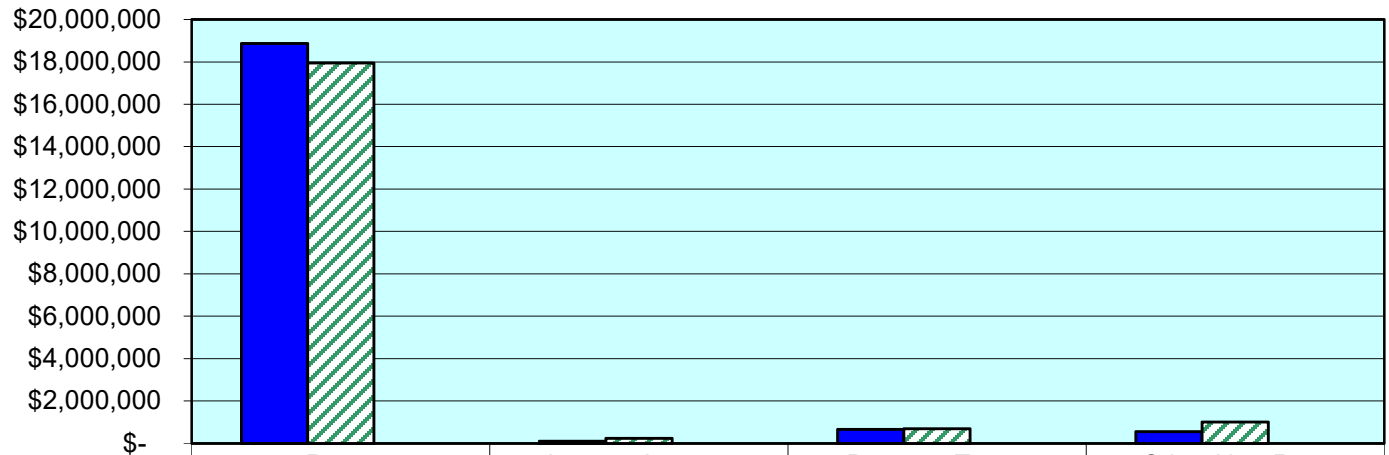


ANALYSIS OF REVENUES & EXPENSES
BUDGET COMPARED TO ACTUAL
FISCAL YEAR 2018/2019

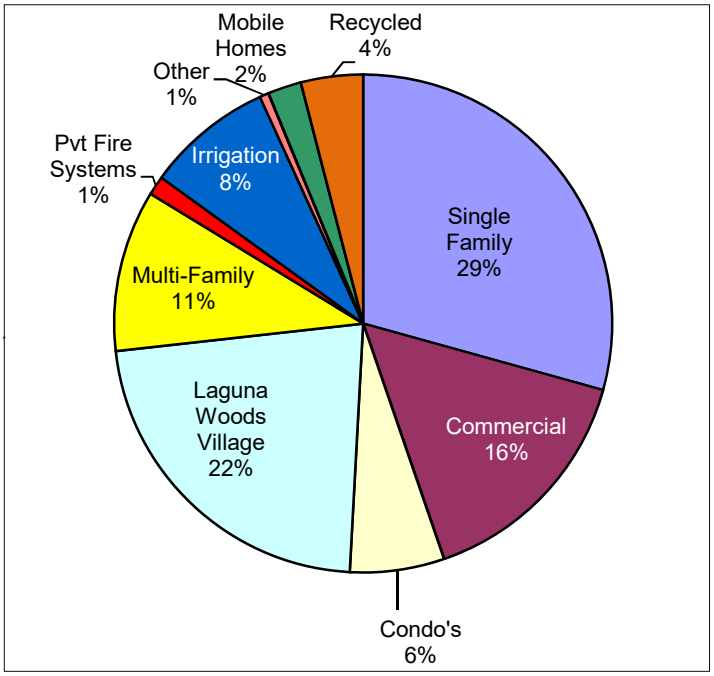
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Budget												
Revenue	2,515,047	2,517,047	2,463,124	2,347,535	2,210,901	2,119,512	2,000,277	1,919,796	2,089,043			
Expense	2,459,295	2,460,738	2,421,860	2,338,524	2,240,013	2,174,124	2,088,159	2,030,134	2,152,157			
Profit/Loss	55,752	56,309	41,264	9,012	(29,113)	(54,612)	(87,882)	(110,338)	(63,114)	0	0	0
Actual												
Revenue	2,470,725	2,786,638	2,286,776	2,499,456	2,111,415	2,165,482	2,180,118	1,635,554	1,759,953			
Expense	2,229,745	2,493,502	2,134,197	2,320,325	1,972,404	2,076,044	2,231,339	1,857,592	1,986,521			
Profit/Loss	240,979	293,137	152,579	179,132	139,011	89,438	(51,222)	(222,038)	(226,568)	0	0	0

EL TORO WATER DISTRICT
REVENUES FROM WATER & WASTE WATER SALES AS OF 3/31/19

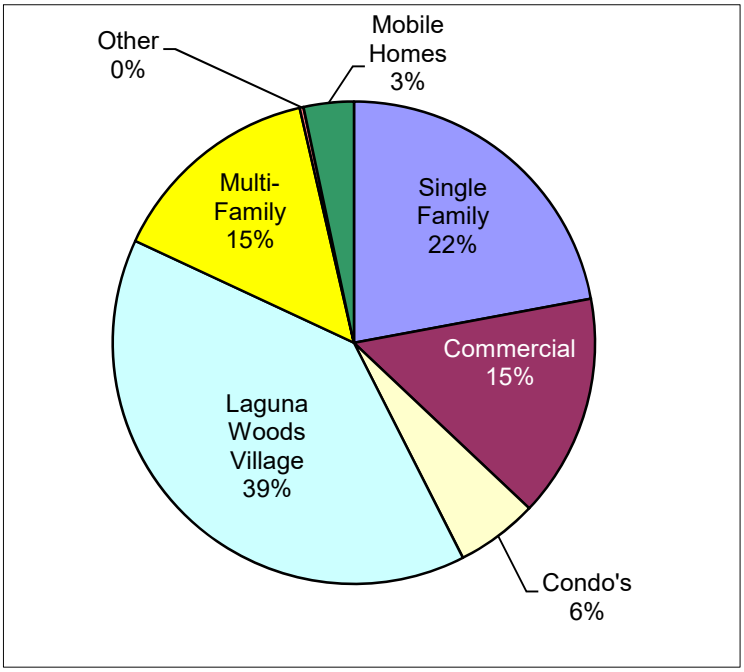
Where the Money Comes From



	Rates	Interest Income	Property Taxes	Other Non-Rate
Budget YTD	$18,871,470	$101,250	$656,250	$553,312
Actual YTD	$17,947,685	$244,975	$688,010	$1,015,446
% of Total	90.21%	1.23%	3.46%	5.10%



WATER REVENUE YTD 2018/2019



WASTE WATER REVENUE YTD 2018/2019

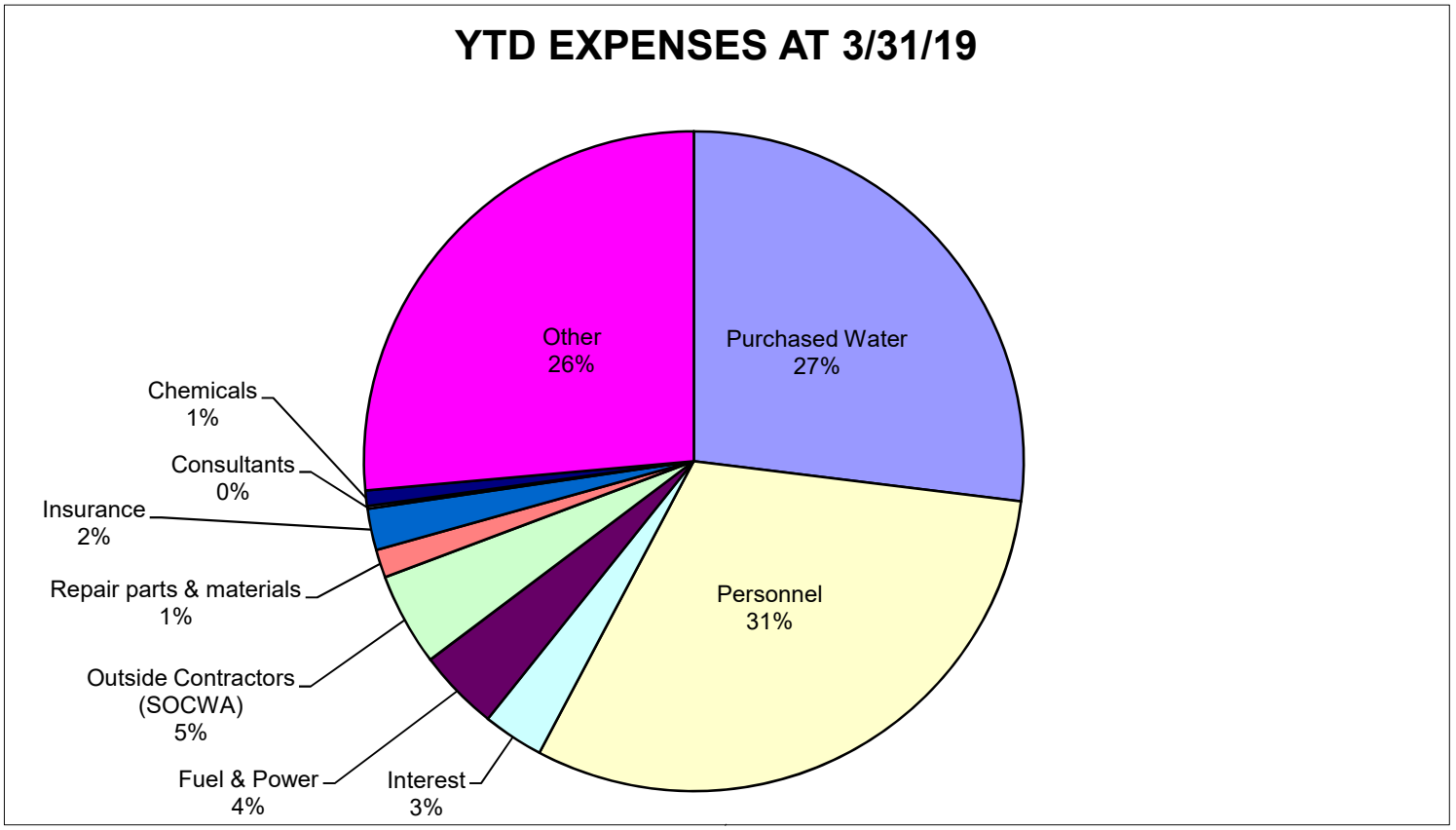
EL TORO WATER DISTRICT
REVENUE COMPARISON
For the Month Ended March 31, 2019

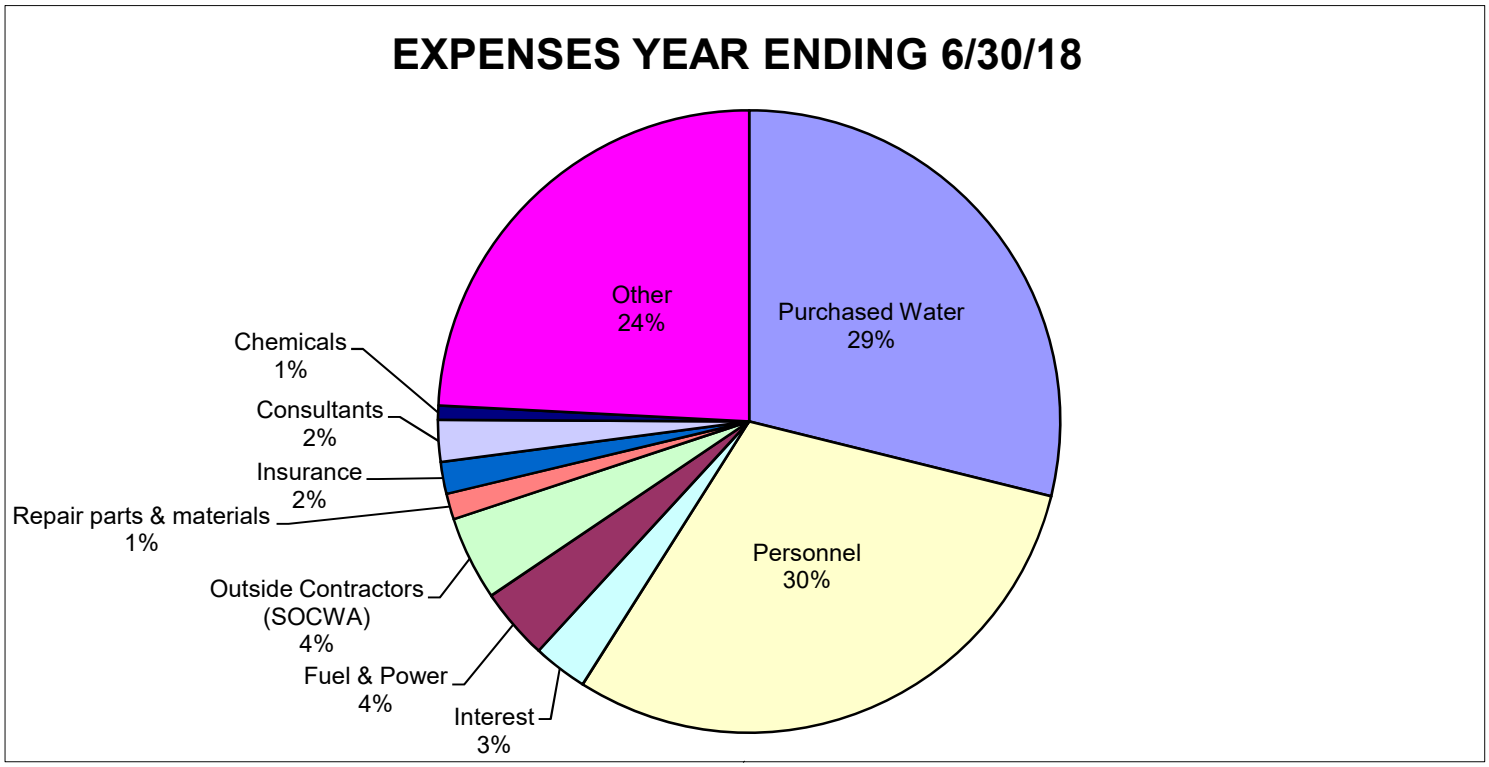
	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	BUDGET	REMAINING BUDGET
From Rates										
Capital Facilities Charge	$ 250,393	$ 251,250	$ (857)	0%	$ 2,253,586	$ 2,261,250	$ (7,664)	0%	$ 3,015,000	$ 761,414
Water sales - Commodity	450,663	629,705	(179,042)	-28%	6,319,695	6,837,583	(517,889)	-8%	9,416,278	3,096,583
Water sales - Fixed Meter	280,042	280,341	(299)	0%	2,493,545	2,523,071	(29,526)	-1%	3,364,095	870,550
Waste water sales	615,901	650,000	(34,099)	-5%	5,780,158	5,850,000	(69,842)	-1%	7,800,000	2,019,842
Recycled water tertiary sales	1,018	113,352	(112,333)	-99%	931,813	1,230,816	(299,003)	-24%	1,695,000	763,187
Service charge - Recycled water	18,955	18,750	205	1%	168,889	168,750	139	0%	225,000	56,111
TOTAL FROM RATES	1,616,972	1,943,397	(326,425)	-17%	17,947,685	18,871,470	(923,785)	-5%	25,515,373	7,567,688
Non-rate Revenue										
Admin fee	1,310	1,600	(290)	-18%	160,699	14,400	146,299	1016%	19,200	(141,499)
48 Hour notice fee	2,250	2,451	(201)	-8%	21,320	22,062	(742)	-3%	29,416.44	8,096
Restoration fee	(20)	370	(390)	-105%	1,220	3,330	(2,110)	-63%	4,440	3,220
Unpaid check fee	80	150	(70)	-47%	975	1,350	(375)	-28%	1,800	825
Cut lock fee	-	12	(12)	-100%	200	108	92	85%	144	(56)
TOTAL NON-RATE	3,620	4,583	(963)	-21%	184,414	41,250	143,164	347%	55,000	(129,414)
Other Revenue										
Interest	26,876	11,250	15,626	139%	244,975	101,250	143,725	142%	135,000	(109,975)
Change FMV Investment	23,891	-	23,891	0%	82,904	-	82,904	0%	-	(82,904)
Property taxes	74,634	72,917	1,717	2%	688,010	656,250	31,760	5%	875,000	186,990
Other	13,960	45,813	(31,853)	-70%	737,127	412,312	324,815	79%	549,750	(187,377)
TOTAL OTHER REVENUE	139,361	129,979	9,382	7%	1,753,017	1,169,812	583,204	50%	1,559,750	(193,267)
Contract Service										
Santa Margarita W. D.	-	9,167	(9,167)	-100%	-	82,500	(82,500)	-100%	110,000	110,000
Moulton Niguel W. D.	-	1,917	(1,917)	-100%	11,000	17,250	(6,250)	-36%	23,000	12,000
TOTAL CONTRACT SERVICES	-	11,083	(11,083)	-100%	11,000	99,750	(88,750)	-89%	133,000	122,000
TOTAL REVENUE	$ 1,759,953	$ 2,089,043	$ (329,090)	-16%	$ 19,896,116	$ 20,182,283	$ (286,167)	-1%	$ 27,263,123	$ 7,367,007

EL TORO WATER DISTRICT
NON-RATE REVENUE ANALYSIS
FOR THE MONTH ENDING March 31, 2019

	Mar-19 Actual	Mar-19 Budget	Jul 18- Mar 19 YTD Actual	Jul 18- Mar 19 YTD Budget
Site Leases	10,960	26,229	137,579	236,063
MWD Recycled Water LRP Rebate	3,000	17,917	223,650	161,250
JPIA Refund	-	-	3,982	-
SOCWA Settlement	-	-	296,618	-
Recycled Metal	-	-	14,543	-
Diesel Fuel Tax Refund	-	-	393	-
Equipment Sales	-	-	33,127	-
Edison Rebate for Turbo Blower	-		21,694	-
Misc Work for Customers	-	1,667	5,540	15,000
	$ 13,960	$ 45,813	$ 737,127	$ 412,313
Other Operating Income				
Sales to Santa Margarita	-		-	
Sales to Moulton Niguel	-		-	
	-		-	
Total	13,960		737,127	

WHERE THE MONEY GOES





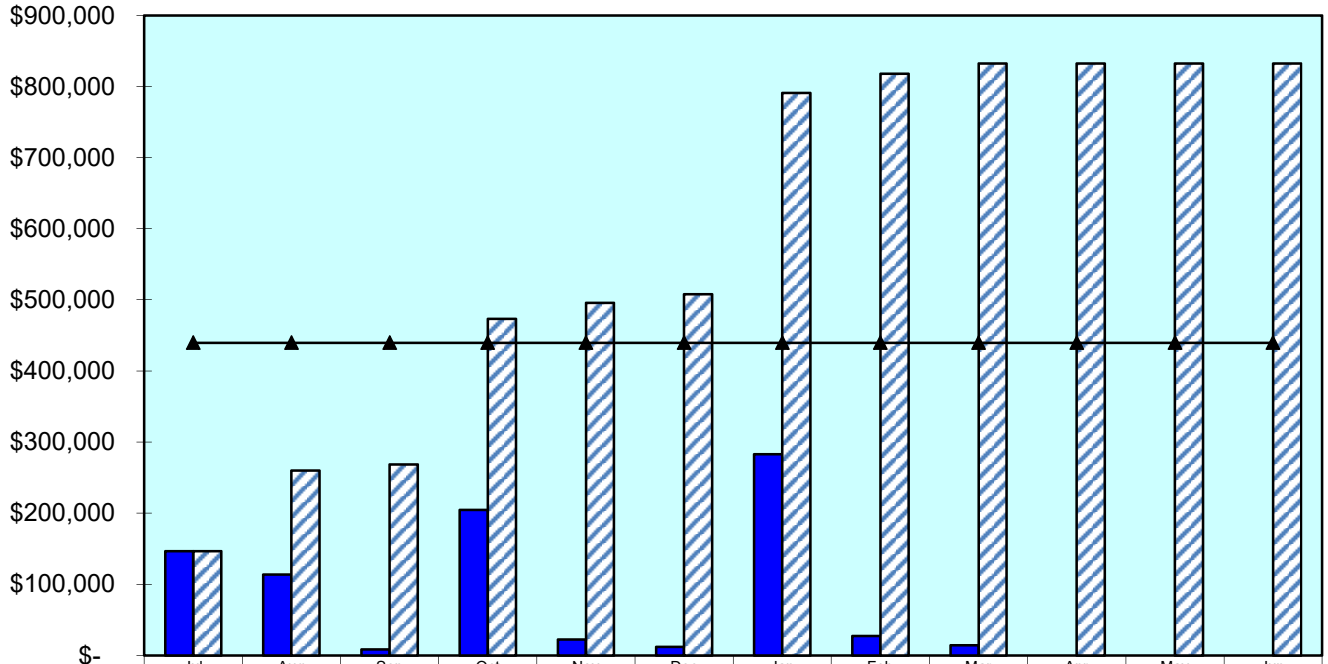
EL TORO WATER DISTRICT
Expense Comparison
For the Month Ended March 31, 2019

	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	Annual BUDGET	REMAINING BUDGET
Operating Expenses										
Personnel cost	$653,447	$690,653	$37,207	5%	$5,944,916	$6,215,878	$270,962	4%	$8,287,837	2,342,922
Purchased water	371,325	537,142	165,818	31%	5,199,156	5,829,874	630,718	11%	8,027,968	2,828,812
Electrical power	72,298	89,787	17,490	19%	769,807	808,088	38,280	5%	1,077,450	307,643
Repair parts & materials	24,636	32,134	7,498	23%	265,239	289,204	23,965	8%	385,605	120,366
Equipment repairs & maintenance	10,587	8,173	(2,415)	-30%	76,230	73,552	(2,677)	-4%	98,070	21,840
Pump repairs & maintenance	31,976	10,525	(21,451)	-204%	94,896	94,725	(171)	0%	126,300	31,404
Motor repairs & maintenance	3,808	2,150	(1,658)	-77%	17,159	19,350	2,191	11%	25,800	8,641
Electrical repairs & maintenance	7,753	5,792	(1,961)	-34%	45,142	52,125	6,982	13%	69,500	24,358
Meter repairs & maintenance	1,867	292	(1,575)	-540%	3,511	2,625	(886)	-34%	3,500	(11)
Chemicals	5,525	18,008	12,483	69%	145,026	162,075	17,049	11%	216,100	71,074
Structure repairs & maintenance	3,899	1,780	(2,119)	-119%	40,574	16,020	(24,554)	-153%	21,360	(19,214)
Asphalt repairs & maintenance	35,269	8,142	(27,127)	-333%	105,554	73,275	(32,279)	-44%	97,700	(7,854)
Consultants - outside	11,372	9,517	(1,855)	-19%	26,291	85,650	59,359	69%	114,200	87,909
Contractors - outside	90,202	102,599	12,397	12%	878,572	923,393	44,821	5%	1,231,190	352,618
Engineers - outside	12,587	6,333	(6,253)	-99%	27,531	57,000	29,470	52%	76,000	48,469
Dump fees	1,251	1,333	82	6%	7,840	12,000	4,160	35%	16,000	8,160
Laboratories	8,518	2,950	(5,568)	-189%	40,744	26,550	(14,194)	-53%	35,400	(5,344)
License & permits	1,499	10,736	9,238	86%	106,069	96,626	(9,443)	-10%	128,835	22,766
Automotive fuel & oil	7,902	7,500	(402)	-5%	74,980	67,500	(7,480)	-11%	90,000	15,020
Equipment rental	1,539	1,367	(173)	-13%	13,073	12,300	(773)	-6%	16,400	3,327
Landscaping	4,861	8,672	3,811	44%	100,857	78,045	(22,812)	-29%	104,060	3,203
Small tools & equipment	3,135	5,129	1,994	39%	34,090	46,162	12,072	26%	61,550	27,460
Security	5,692	1,588	(4,104)	-258%	19,613	14,291	(5,322)	-37%	19,055	(558)
Operating supplies	6,156	4,333	(1,822)	-42%	37,267	39,000	1,733	4%	52,000	14,733
Safety equipment	459	3,217	2,758	86%	10,464	28,950	18,486	64%	38,600	28,136
Temporary help	-	2,833	2,833	100%	0	25,500	25,500	100%	34,000	34,000
Other employee cost	7,882	7,500	(382)	-5%	103,595	67,500	(36,095)	-53%	90,000	(13,595)
Employee service awards	-	483	483	100%	3,917	4,350	433	10%	5,800	1,883
Education & training	4,175	2,438	(1,737)	-71%	28,126	21,938	(6,189)	-28%	29,250	1,124
Total Operating Expenses	1,389,617	1,583,106	193,489	12%	14,220,240	15,243,546	1,023,305	7%	20,579,530	6,359,290

EL TORO WATER DISTRICT
Expense Comparison
For the Month Ended March 31, 2019

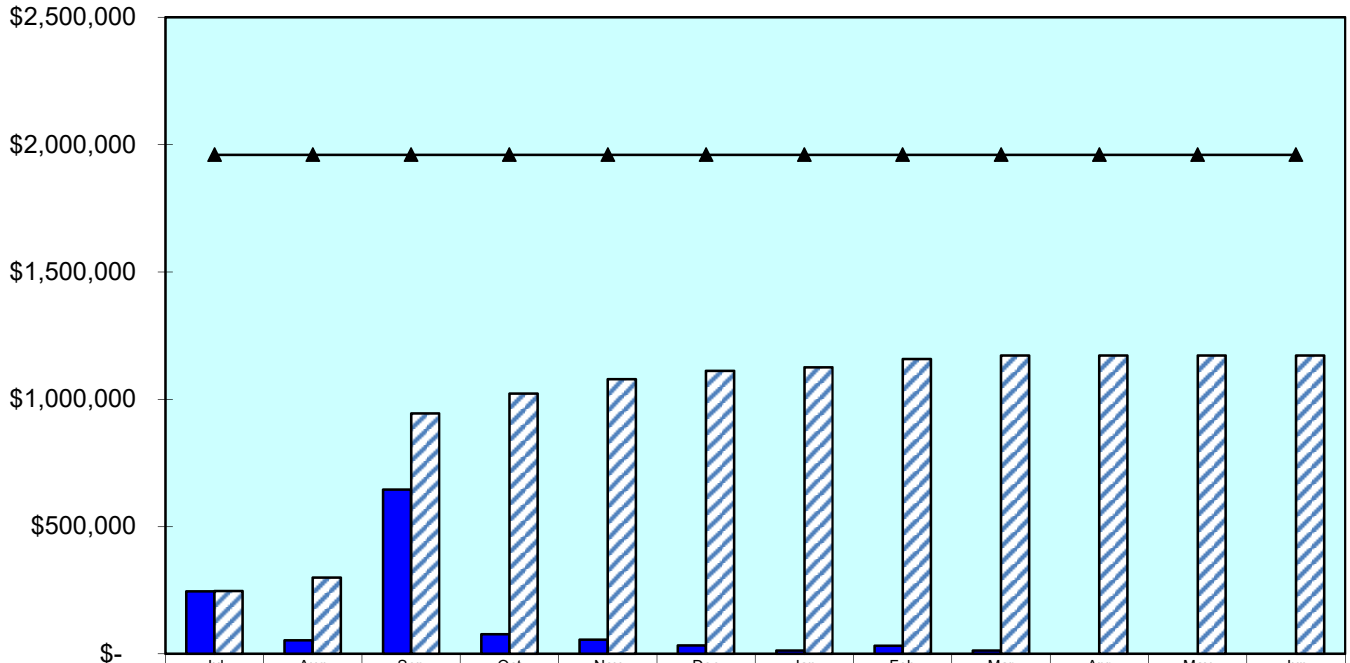
	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	Annual BUDGET	REMAINING BUDGET
Indirect Cost										
Depreciation	366,470	358,333	(8,137)	-2%	3,298,230	3,225,000	(73,230)	-2%	4,300,000	1,001,770
Amortization	570	571	0	0%	5,134	5,138	3	0%	6,850	1,716
Insurance	43,623	40,712	(2,910)	-7%	393,360	366,413	(26,947)	-7%	488,550	95,190
Data processing supplies & assc.	945	3,042	2,097	69%	14,519	27,375	12,856	47%	36,500	21,981
Data processing equipment	5,999	3,333	(2,665)	-80%	22,509	30,000	7,491	25%	40,000	17,491
Data processing consultants	1,800	2,083	283	14%	36,722	18,750	(17,972)	-96%	25,000	(11,722)
Software maintenance & licenses	52,482	13,417	(39,065)	-291%	126,452	120,750	(5,702)	-5%	161,000	34,548
Janitorial	2,985	2,817	(168)	-6%	25,512	25,350	(162)	-1%	33,800	8,288
Printing & reproduction	644	1,750	1,106	63%	9,198	15,750	6,552	42%	21,000	11,802
Publications & subscriptions	0	250	250	100%	2,072	2,250	178	8%	3,000	928
Communications - voice	3,108	3,333	225	7%	28,243	30,000	1,757	6%	40,000	11,757
Communications - data	3,130	2,667	(464)	-17%	28,870	24,000	(4,870)	-20%	32,000	3,130
Communications - mobile	1,545	2,500	955	38%	23,595	22,500	(1,095)	-5%	30,000	6,405
Utilities	2,179	1,775	(404)	-23%	14,765	15,975	1,210	8%	21,300	6,535
Total Indirect Cost	485,481	436,583	(48,897)	-11%	4,029,182	3,929,250	(99,932)	-3%	5,239,000	1,209,818
Overhead Cost										
Annual events	-	446	446	100%	5,585	4,013	(1,573)	-39%	5,350	(235)
Audit	-	2,500	2,500	100%	22,500	22,500	0	0%	30,000	7,500
Bad debts	5,647	1,667	(3,981)	-239%	6,047	15,000	8,953	60%	20,000	13,953
Bank charges	6,512	4,708	(1,803)	-38%	48,854	42,375	(6,479)	-15%	56,500	7,646
Directors fees	10,193	8,750	(1,443)	-16%	84,110	78,750	(5,360)	-7%	105,000	20,890
Dues & memberships	7,134	6,833	(301)	-4%	67,810	61,500	(6,310)	-10%	82,000	14,190
Election Expense	-	2,500	2,500	100%	33,533	22,500	(11,033)	-49%	30,000	(3,533)
Interest	64,088	64,088	0	0%	576,795	576,796	0	0%	769,061	192,266
Legal	6,364	12,500	6,136	49%	67,236	112,500	45,264	40%	150,000	82,764
Meetings, conventions & travel	2,662	3,250	588	18%	23,704	29,250	5,546	19%	39,000	15,296
Meets, con & travel - Directors	1,214	2,333	1,120	48%	27,522	21,000	(6,522)	-31%	28,000	478
Office supplies	1,482	1,917	435	23%	10,050	17,250	7,200	42%	23,000	12,950
Postage	196	1,708	1,513	89%	5,610	15,375	9,765	64%	20,500	14,890
Property taxes	150	458	309	67%	3,967	4,125	158	4%	5,500	1,533
Advertising & Publicity	-	208	208	100%	200	1,875	1,675	89%	2,500	2,300
Public education & outreach	5,781	18,600	12,819	69%	63,982	167,400	103,418	62%	223,200	159,218
Total Overhead Cost	111,423	132,468	21,044	16%	1,047,505	1,192,208	144,703	12%	1,589,611	542,106
TOTAL EXPENSES	$1,986,521	$2,152,157	$165,636	8%	$19,296,928	$20,365,004	$1,068,076	5%	$27,408,141	$8,111,214

COST ANALYSIS - EQUIPMENT 3/19



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Actual	$146,576	$113,551	$8,657	$204,599	$22,553	$12,081	$282,758	$27,189	$14,201	$-	$-	$-
YTD	$146,576	$260,126	$268,783	$473,382	$495,935	$508,017	$790,775	$817,964	$832,166	$832,166	$832,166	$832,166
Budget	$439,712	$439,712	$439,712	$439,712	$439,712	$439,712	$439,712	$439,712	$439,712	$439,712	$439,712	$439,712

COST ANALYSIS - PROJECTS 3/19

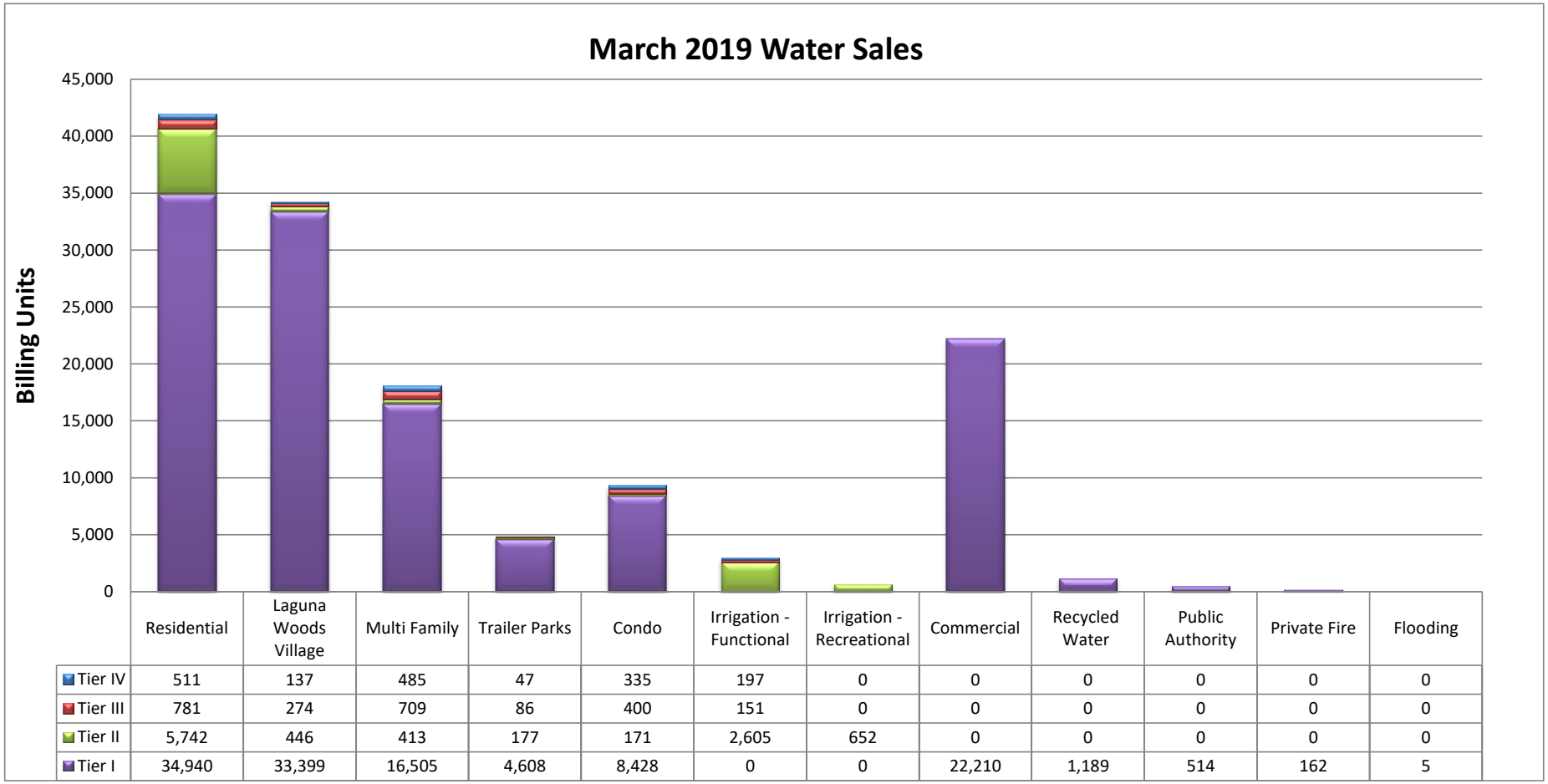


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Actual	$246,277	$53,451	$644,841	$77,844	$56,195	$33,377	$13,662	$32,629	$12,924	$-	$-	$-
YTD	$246,277	$299,728	$944,569	$1,022,413	$1,078,608	$1,111,986	$1,125,647	$1,158,276	$1,171,200	$1,171,200	$1,171,200	$1,171,200
Budget	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288	$1,960,288

BUDGET SCHEDULE
FY 2019/2020

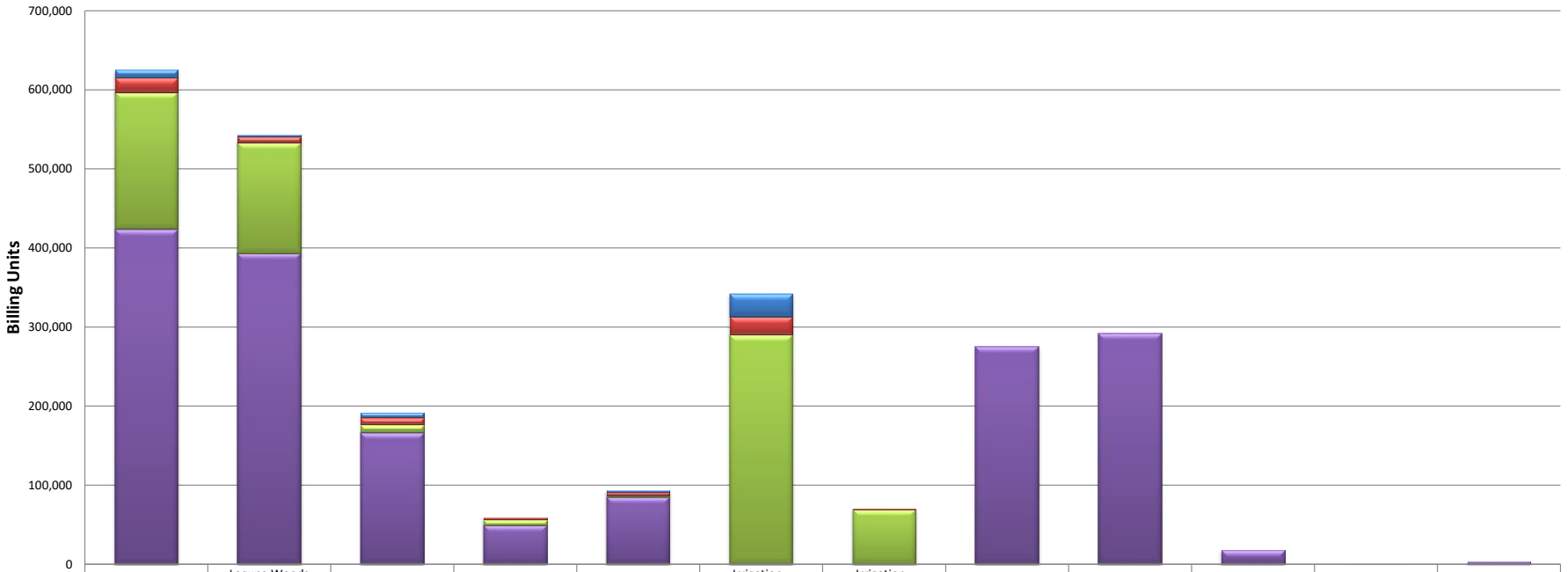
DESCRIPTION	DATE	DAY
Board Budget Committee #1	3/20/2019	Wed
Board Budget Committee #2	4/1/2019	Mon
Board Budget Workshop	4/18/2019	Thurs
E, F & I Budget Update	4/23/2019	Tues
Distribute Prop 218 Notice	5/6/2019	Mon
CAG	5/9/2019	Thurs
Publish Public Hearning Notice - Newspaper	6/3/2019	Mon
E, F & I Budget Update	6/25/2019	Tues
Conduct Public Hearing - Regular Board Meeting	6/27/2019	Thurs
Implement Board Action	7/1/2018	Mon

Note: Board Budget Committee #1 is at 8:00 am
Note: Board Budget Committee #2 is at 3:30 pm
Note: Board Budget Workshop is at 7:30 am

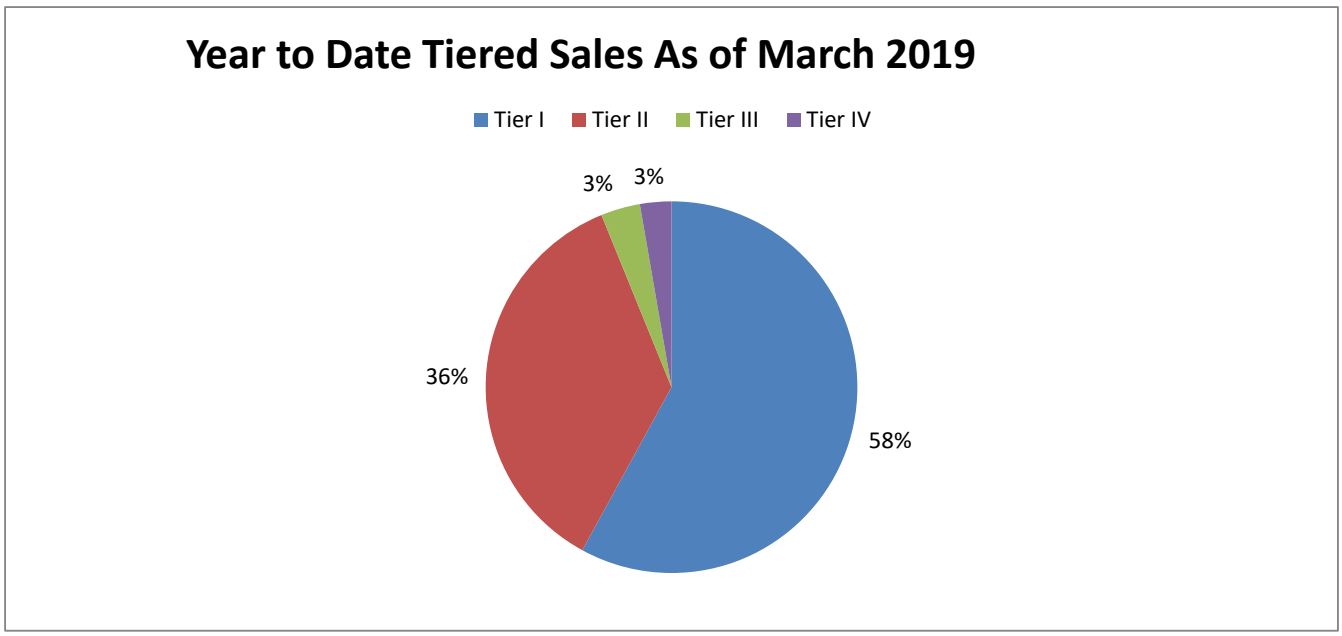


	Residential	Laguna Woods Village	Multi Family	Trailer Parks	Condo	Irrigation - Functional	Irrigation - Recreational	Commercial	Recycled Water	Public Authority	Private Fire	Flooding
Tier IV	511	137	485	47	335	197	0	0	0	0	0	0
Tier III	781	274	709	86	400	151	0	0	0	0	0	0
Tier II	5,742	446	413	177	171	2,605	652	0	0	0	0	0
Tier I	34,940	33,399	16,505	4,608	8,428	0	0	22,210	1,189	514	162	5

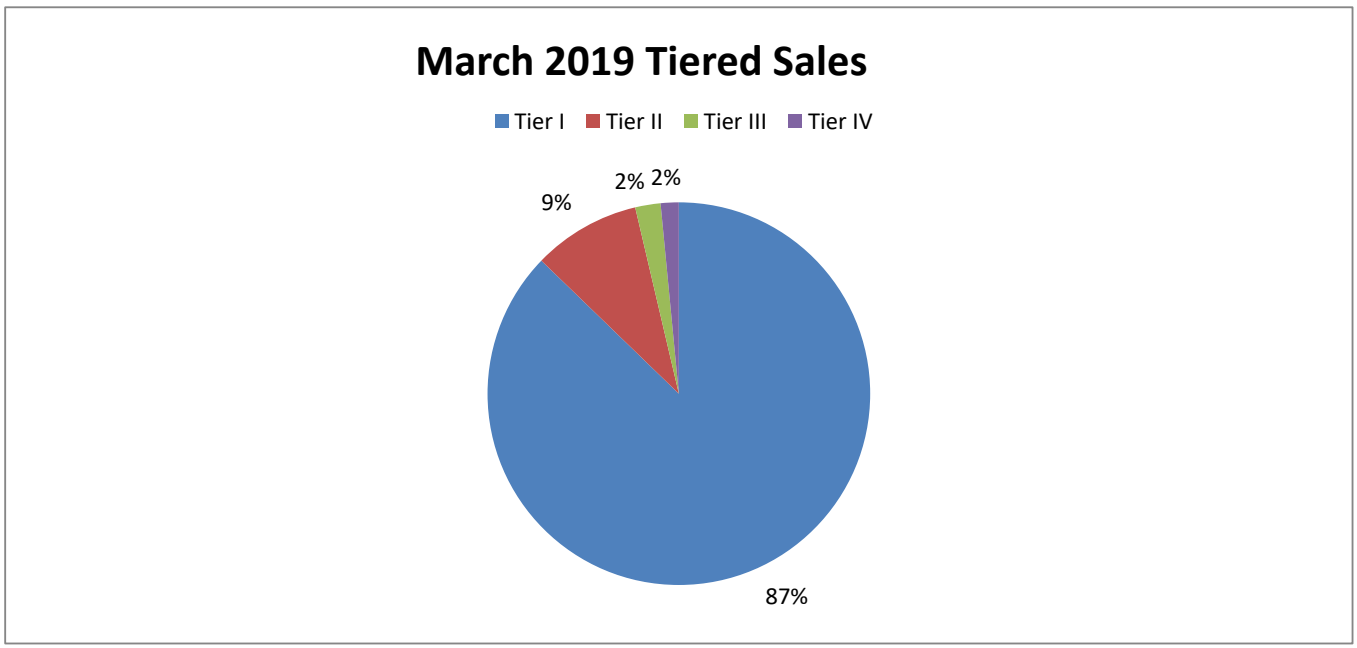
Year-to-Date Water Sales as of March 2019



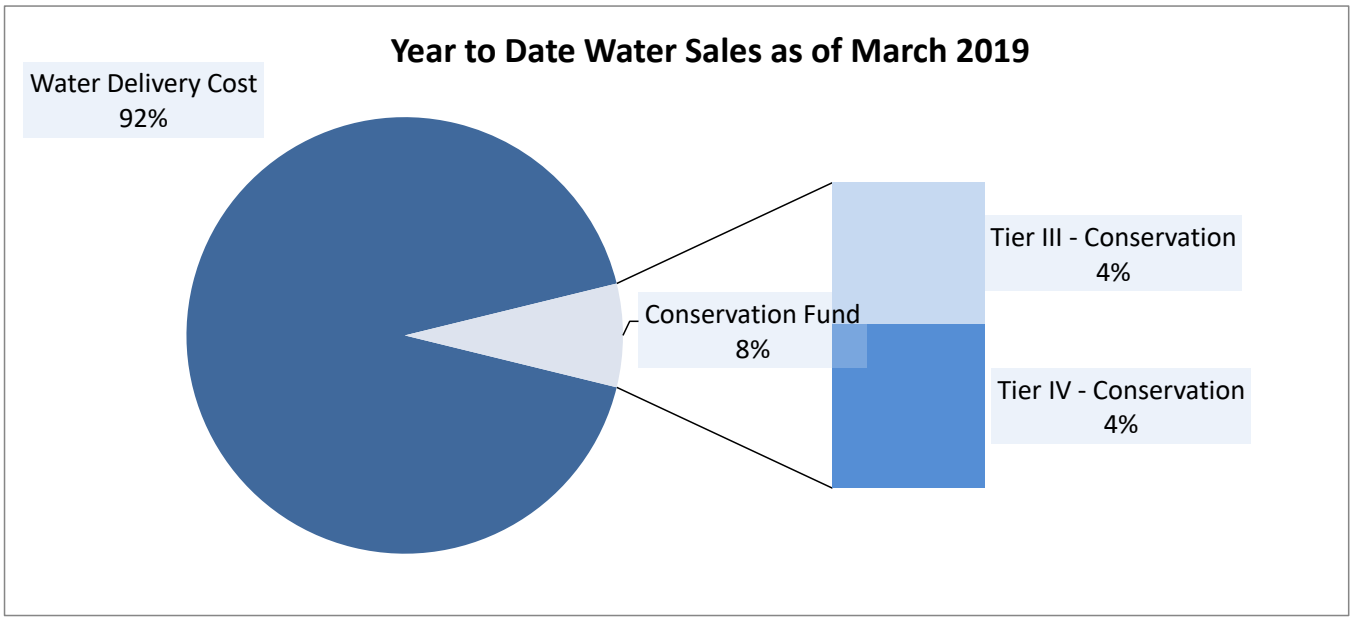
	Residential	Laguna Woods Village	Multi Family	Trailer Parks	Condo	Irrigation - Functional	Irrigation - Recreational	Commercial	Recycled Water	Public Authority	Private Fire	Flooding
Tier IV	10,214	2,593	6,564	677	2,911	29,175	543	0	0	0	0	0
Tier III	18,023	7,646	8,920	2,888	4,336	22,928	1,210	0	0	0	0	0
Tier II	173,414	140,166	9,889	6,896	1,883	290,110	69,549	0	0	0	0	0
Tier I	423,797	392,889	166,649	49,542	85,007	0	0	274,605	291,542	17,723	409	3,507



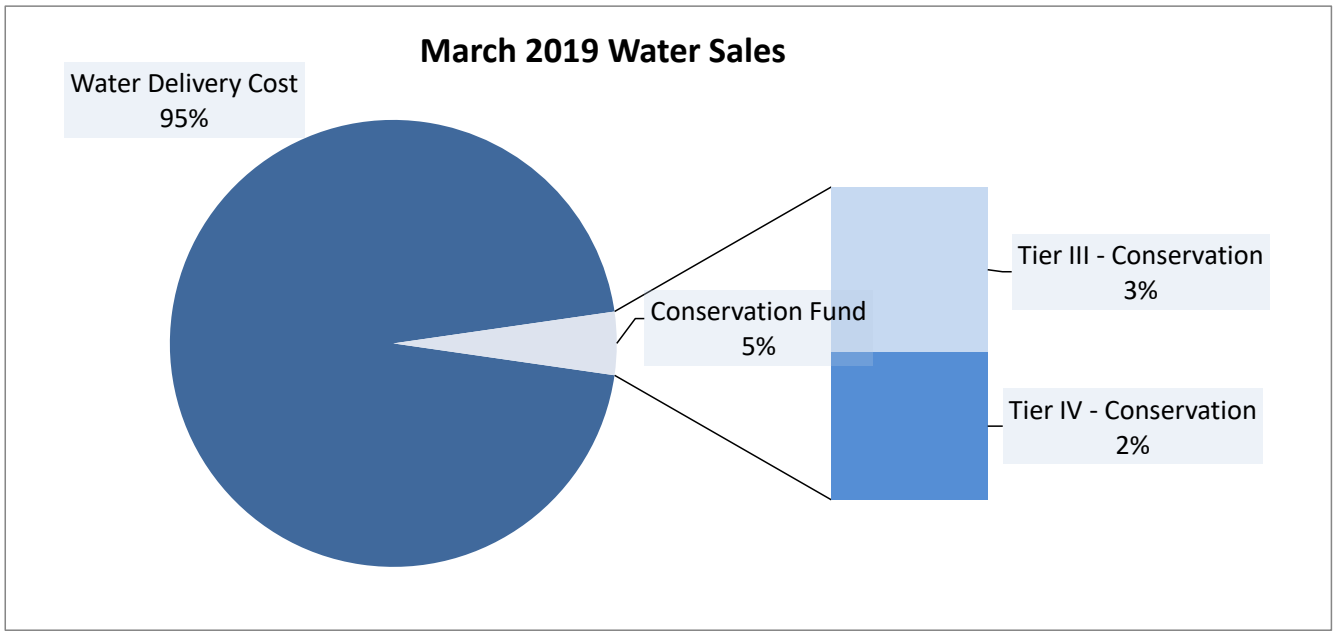
Year To Date Sales in ccf		
Tier I	1,117,884	57.97%
Tier II	691,907	35.88%
Tier III	65,951	3.42%
Tier IV	52,677	2.73%
	1,928,419	100.00%



Current Month Sales in ccf		
Tier I	97,880	87.24%
Tier II	10,206	9.10%
Tier III	2,401	2.14%
Tier IV	1,712	1.53%
	112,199	100.00%

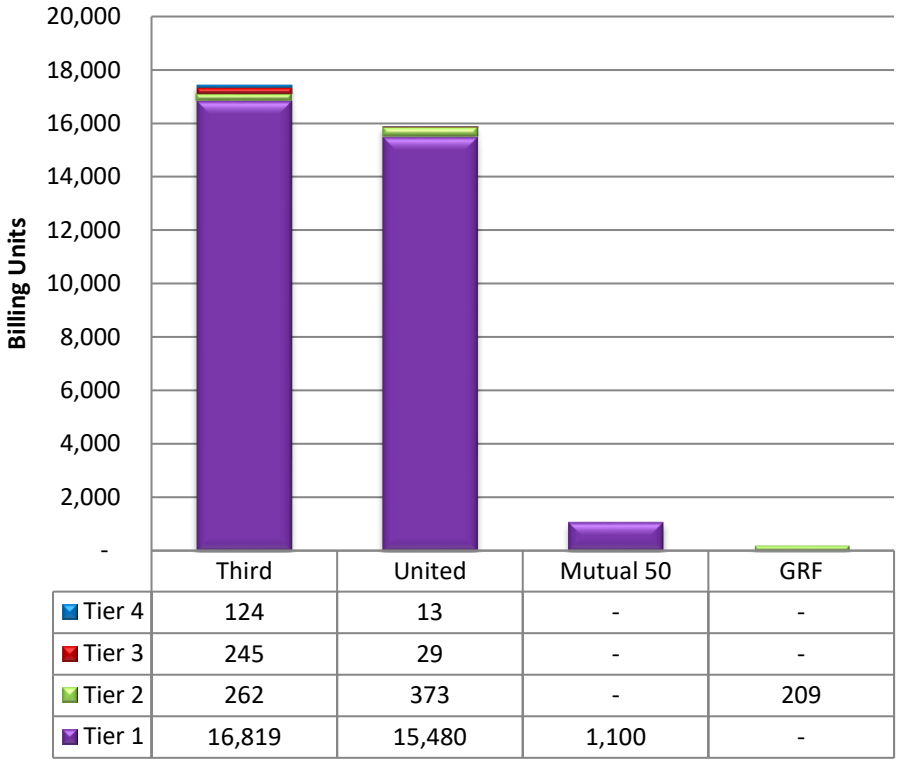


Category	Billings	Percentage
Water Delivery Cost	$5,199,543.80	92.36%
Tier III - Conservation	$199,411.84	3.54%
Tier IV - Conservation	$230,940.23	4.10%
	$5,629,895.87	100.00%



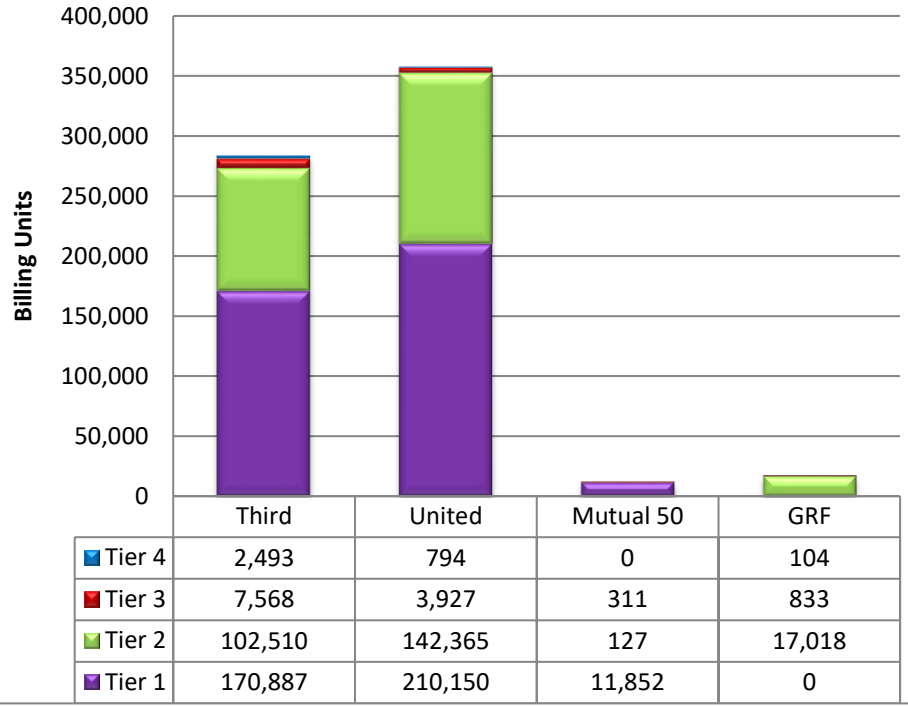
Category	Billings	Percentage
Water Delivery Cost	$289,220.10	95.45%
Tier III - Conservation	$7,299.04	2.41%
Tier IV - Conservation	$6,499.28	2.14%
	$303,018.42	100.00%

Laguna Woods Village
March 2019 Water Sales



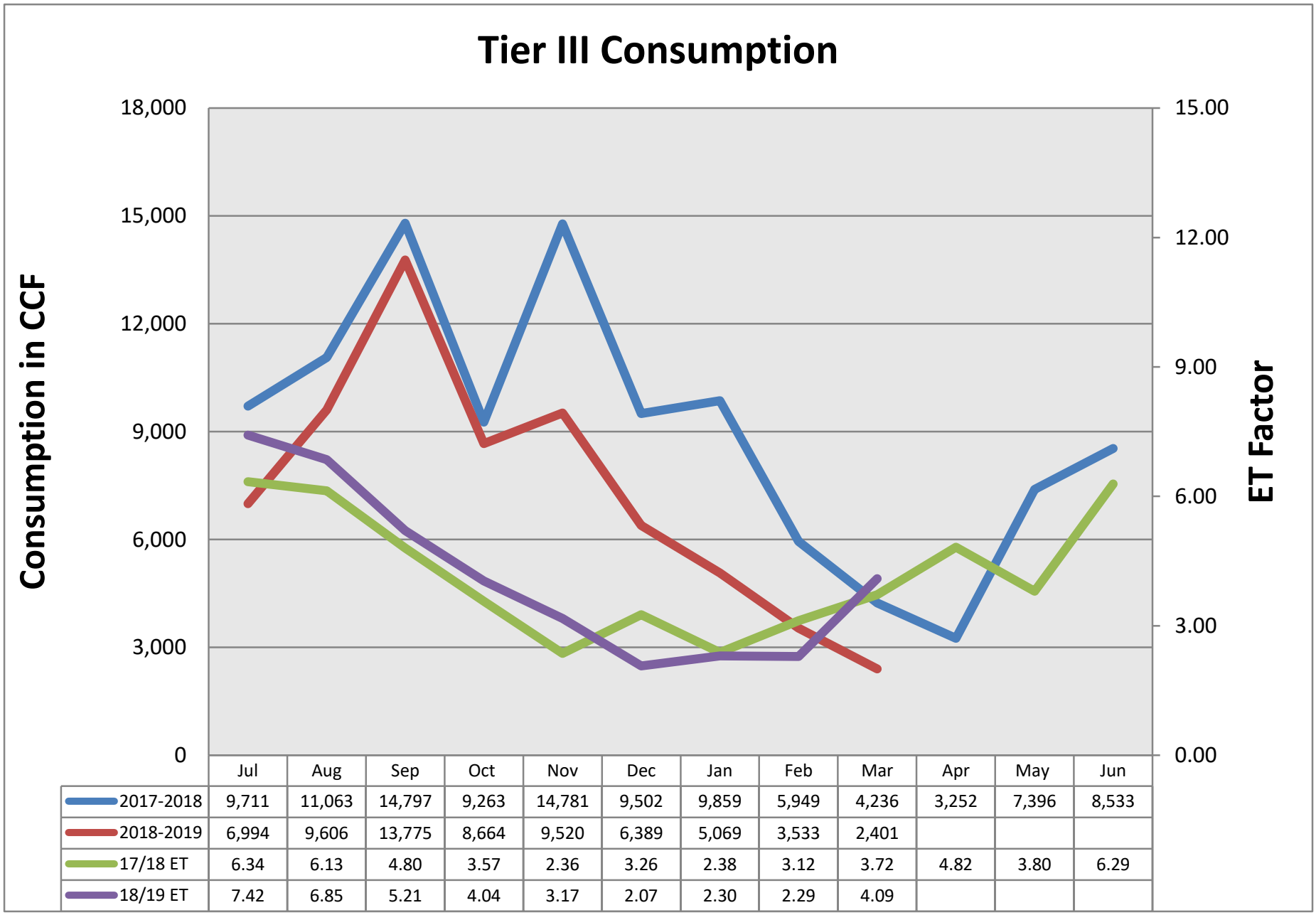
	Third	United	Mutual 50	GRF
Tier 4	124	13	-	-
Tier 3	245	29	-	-
Tier 2	262	373	-	209
Tier 1	16,819	15,480	1,100	-

Laguna Woods Village
Year-to-Date Water Sales
March 2019



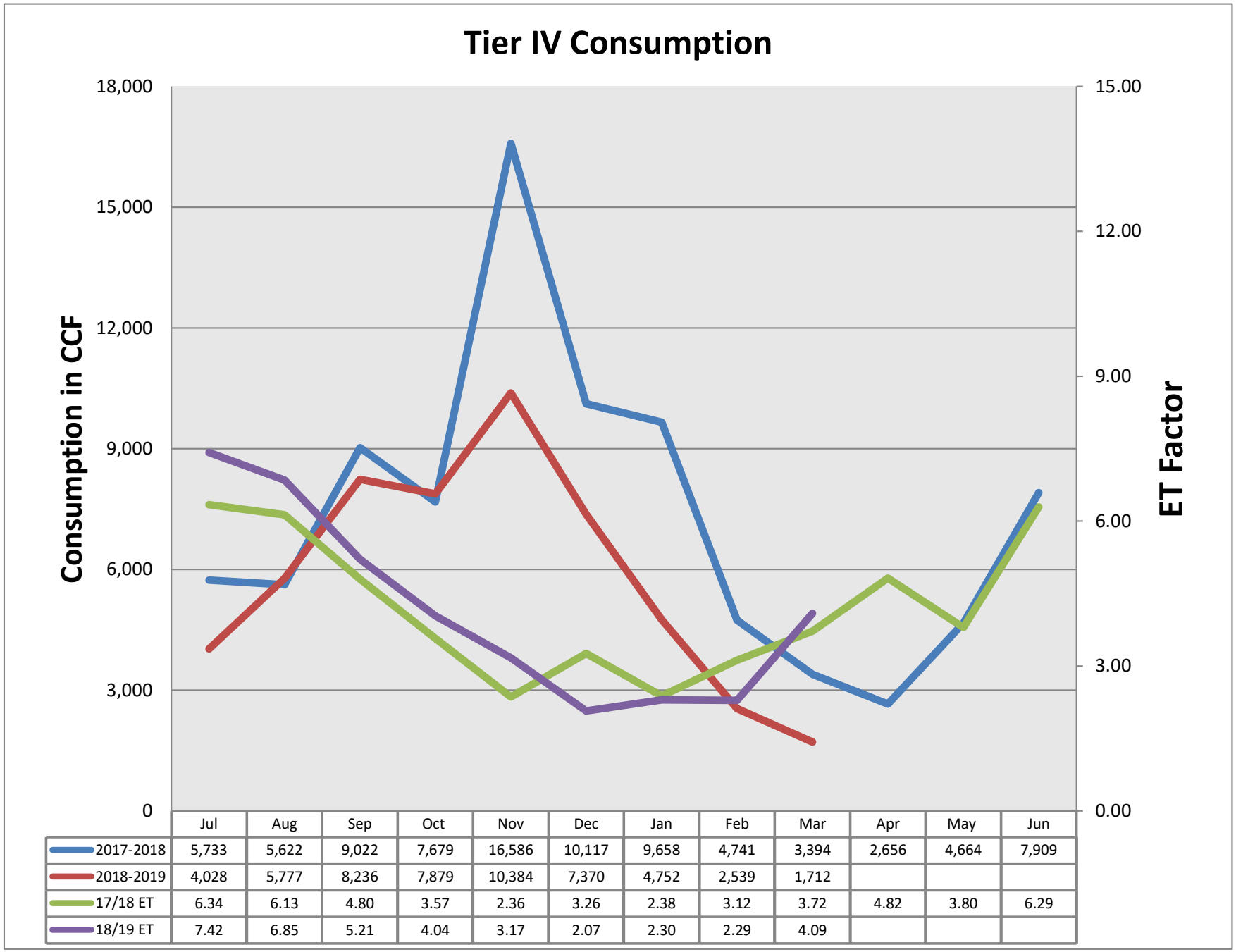
	Third	United	Mutual 50	GRF
Tier 4	2,493	794	0	104
Tier 3	7,568	3,927	311	833
Tier 2	102,510	142,365	127	17,018
Tier 1	170,887	210,150	11,852	0

Tier III Consumption



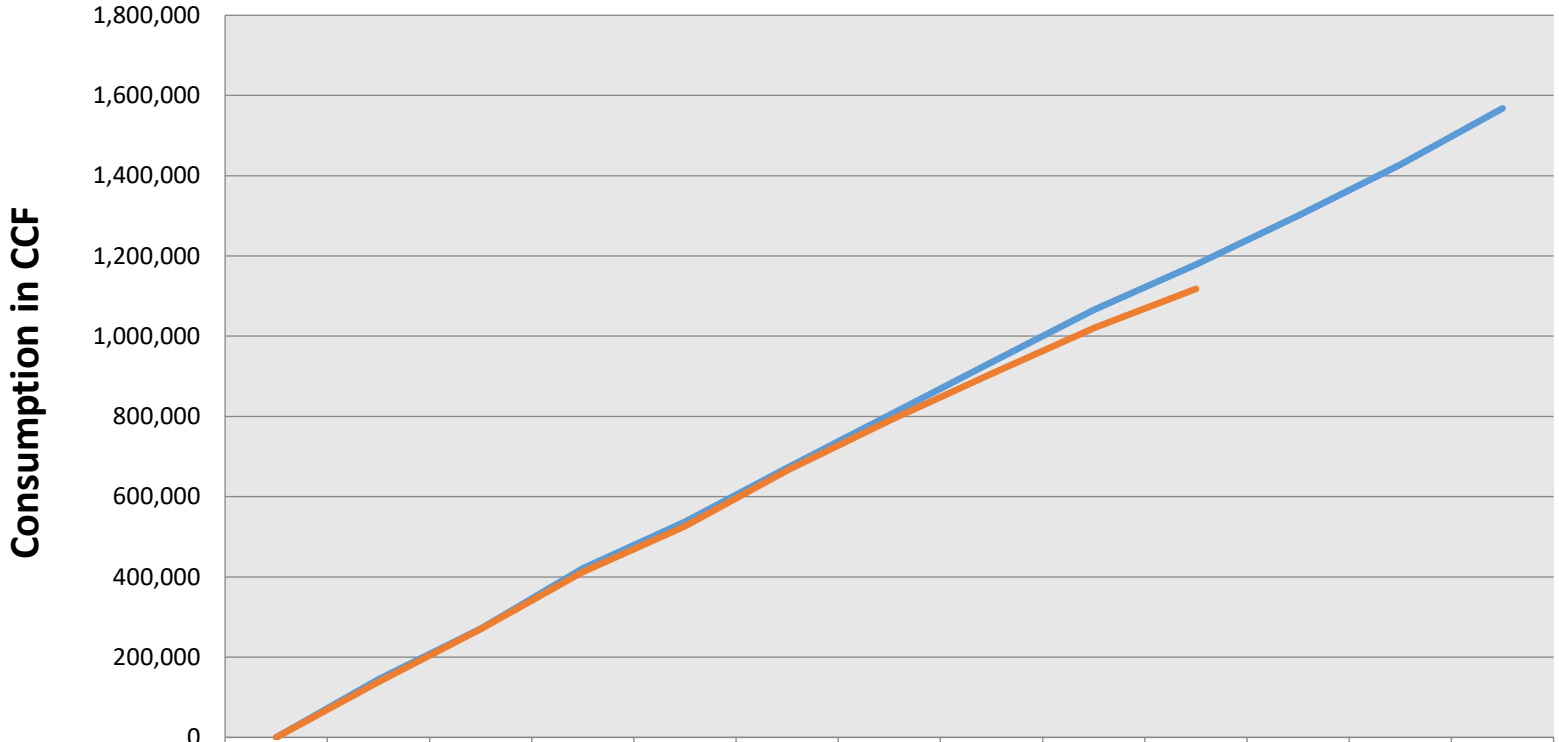
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	9,711	11,063	14,797	9,263	14,781	9,502	9,859	5,949	4,236	3,252	7,396	8,533
2018-2019	6,994	9,606	13,775	8,664	9,520	6,389	5,069	3,533	2,401			
17/18 ET	6.34	6.13	4.80	3.57	2.36	3.26	2.38	3.12	3.72	4.82	3.80	6.29
18/19 ET	7.42	6.85	5.21	4.04	3.17	2.07	2.30	2.29	4.09			

Tier IV Consumption



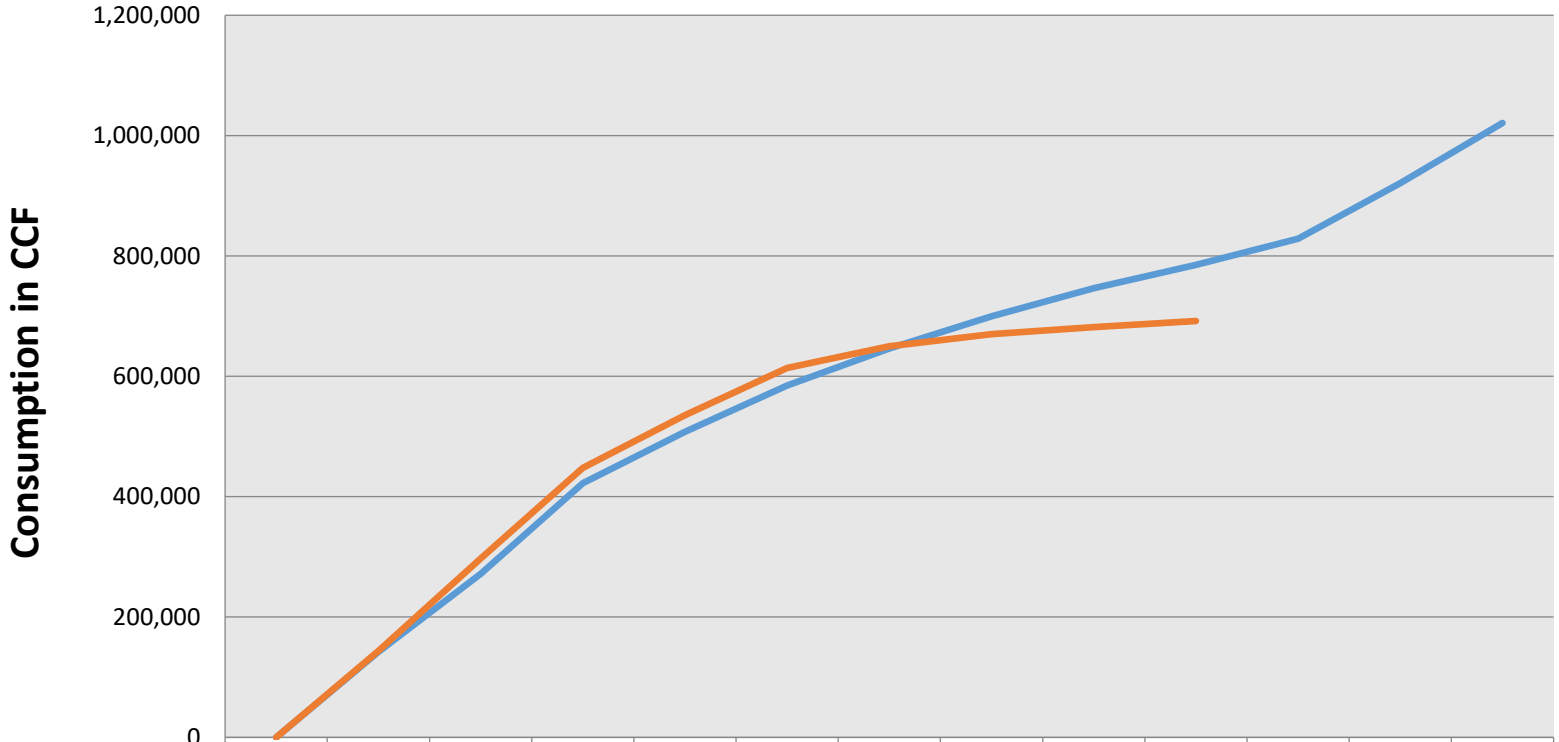
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	5,733	5,622	9,022	7,679	16,586	10,117	9,658	4,741	3,394	2,656	4,664	7,909
2018-2019	4,028	5,777	8,236	7,879	10,384	7,370	4,752	2,539	1,712			
17/18 ET	6.34	6.13	4.80	3.57	2.36	3.26	2.38	3.12	3.72	4.82	3.80	6.29
18/19 ET	7.42	6.85	5.21	4.04	3.17	2.07	2.30	2.29	4.09			

Tier I YTD Consumption



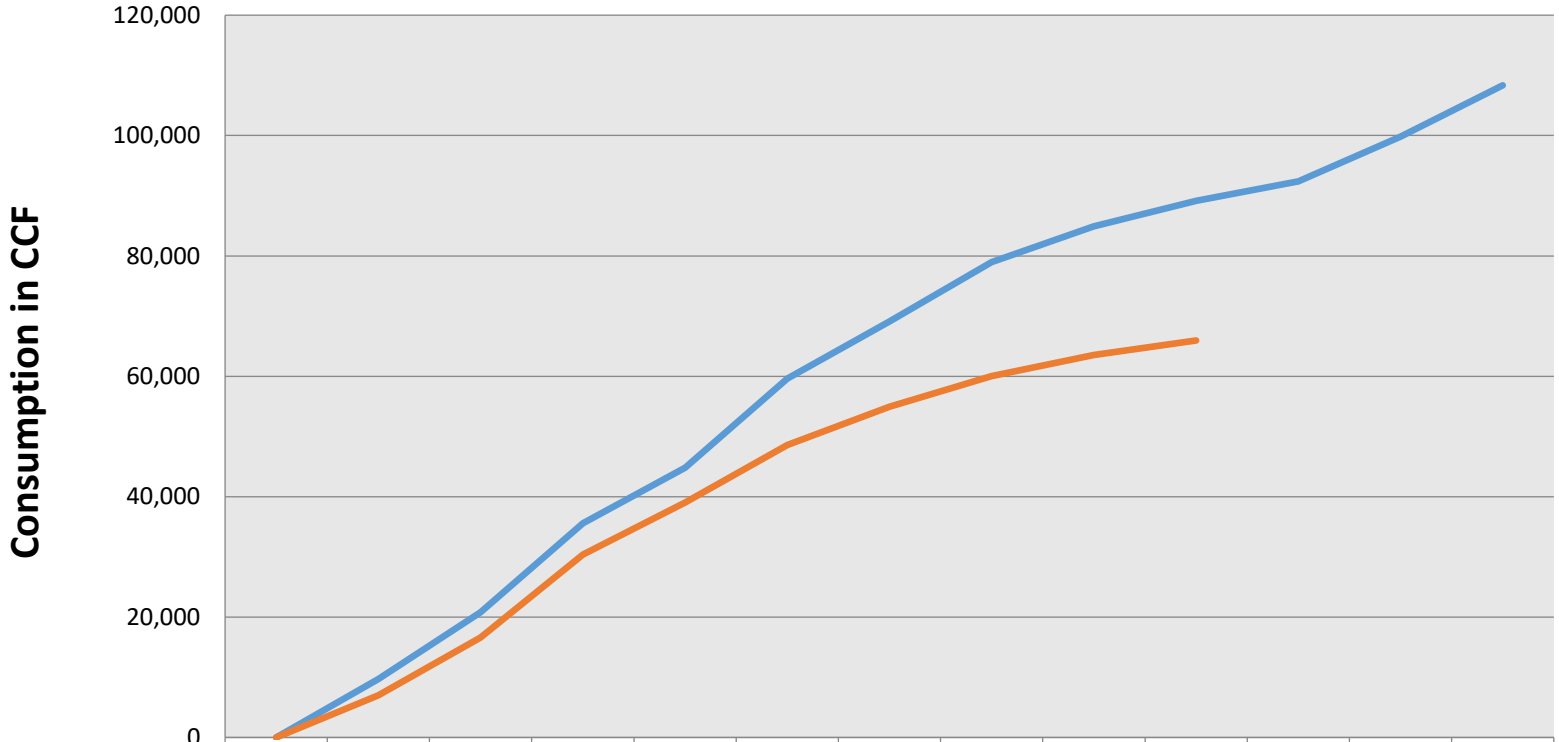
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018 YTD	0	144,662	270,767	420,863	537,527	671,531	802,921	935,522	1,065,23	1,178,24	1,300,47	1,427,36	1,567,90
2018-2019 YTD	0	137,942	270,304	412,147	526,363	665,493	789,381	906,276	1,020,00	1,117,88			

Tier II YTD Consumption



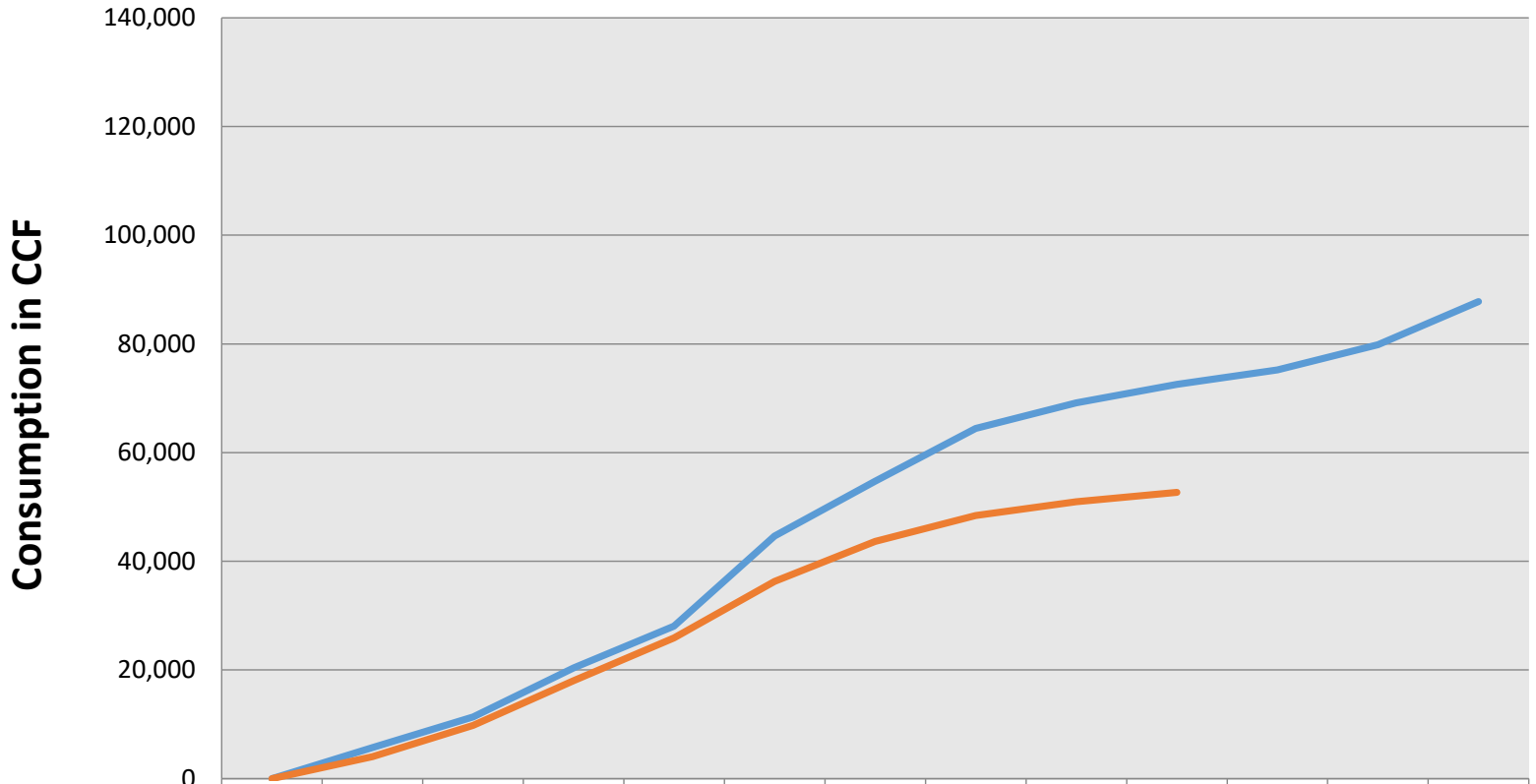
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	0	141,847	272,044	422,446	507,684	584,926	646,024	700,050	746,469	785,417	828,909	920,984	1,020,96
2018-2019	0	143,435	297,146	447,659	535,208	613,995	650,090	669,845	681,701	691,907			

Tier III YTD Consumption



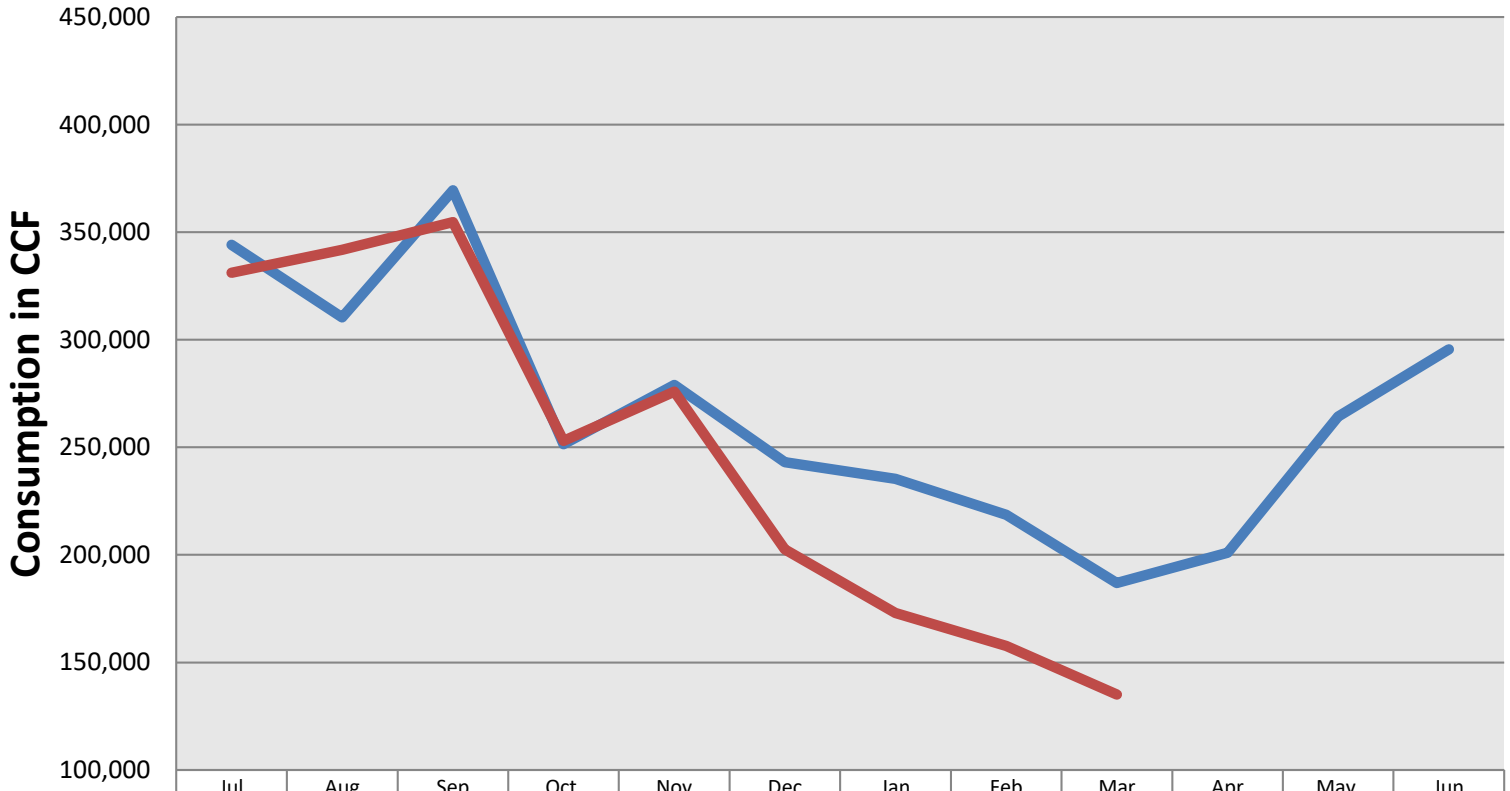
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	0	9,711	20,774	35,571	44,834	59,615	69,117	78,976	84,925	89,161	92,413	99,809	108,342
2018-2019	0	6,994	16,600	30,375	39,039	48,559	54,948	60,017	63,550	65,951			

Tier IV YTD Consumption



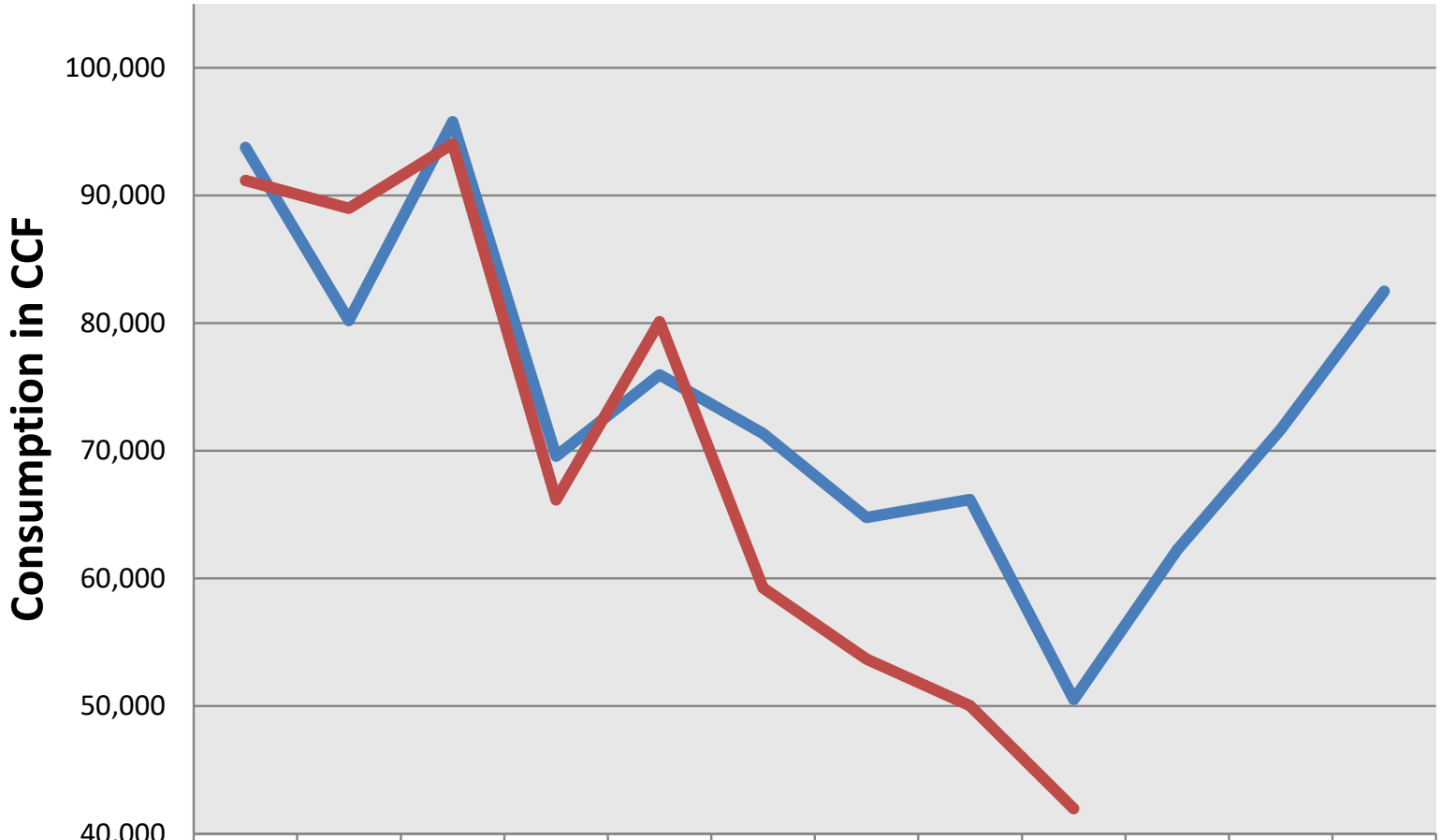
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	0	5,733	11,355	20,377	28,056	44,642	54,759	64,417	69,158	72,552	75,208	79,872	87,781
2018-2019	0	4,028	9,805	18,041	25,920	36,304	43,674	48,426	50,965	52,677			

ETWD Total Consumption



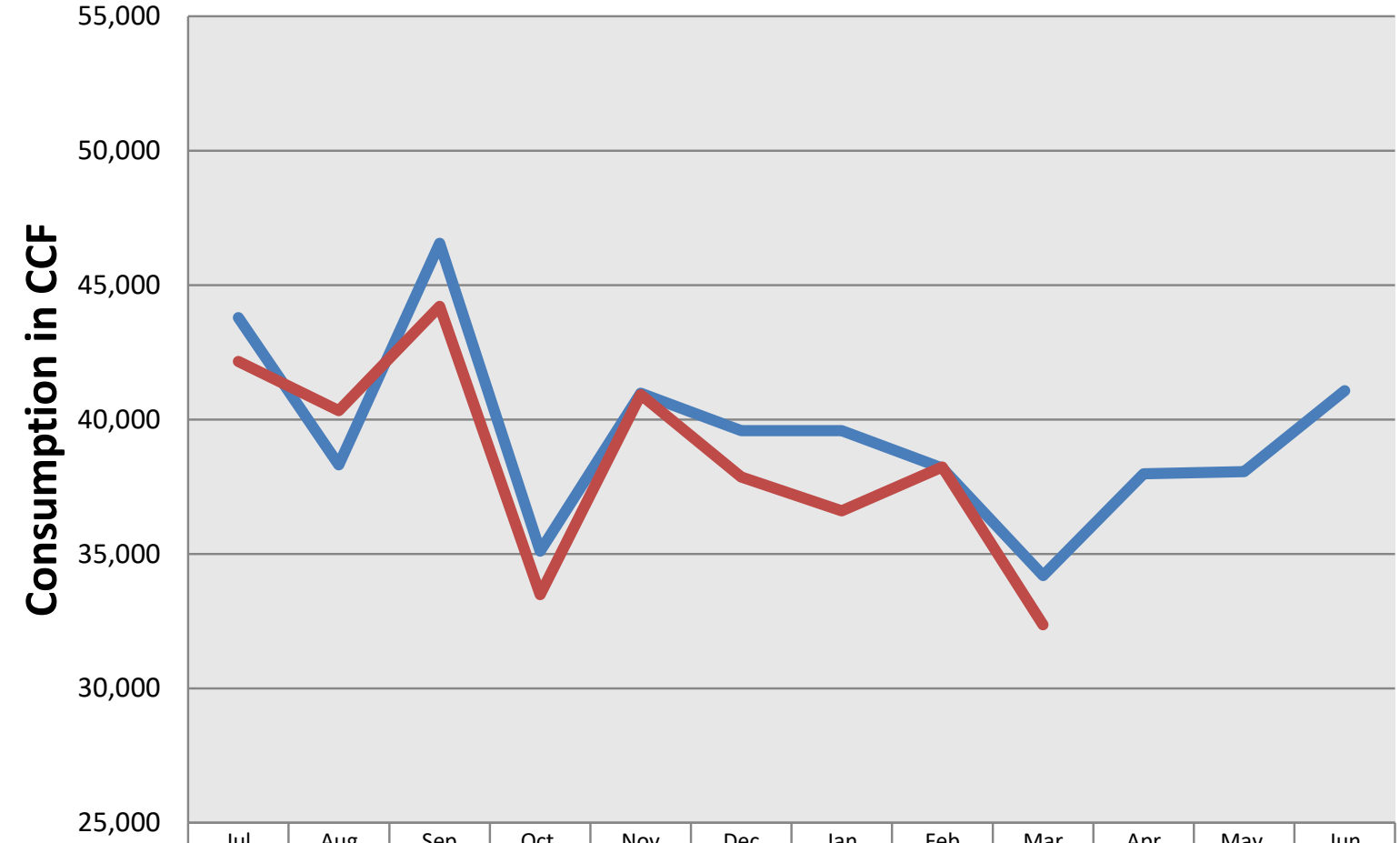
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	344,078	310,451	369,472	251,478	278,939	243,123	235,364	218,623	186,920	201,067	264,239	295,506
2018-2019	331,098	341,819	354,683	253,007	275,853	202,506	172,911	157,696	135,090			
%	96%	110%	96%	101%	99%	83%	73%	72%	72%	0%	0%	0%

Single Family Residents Consumption



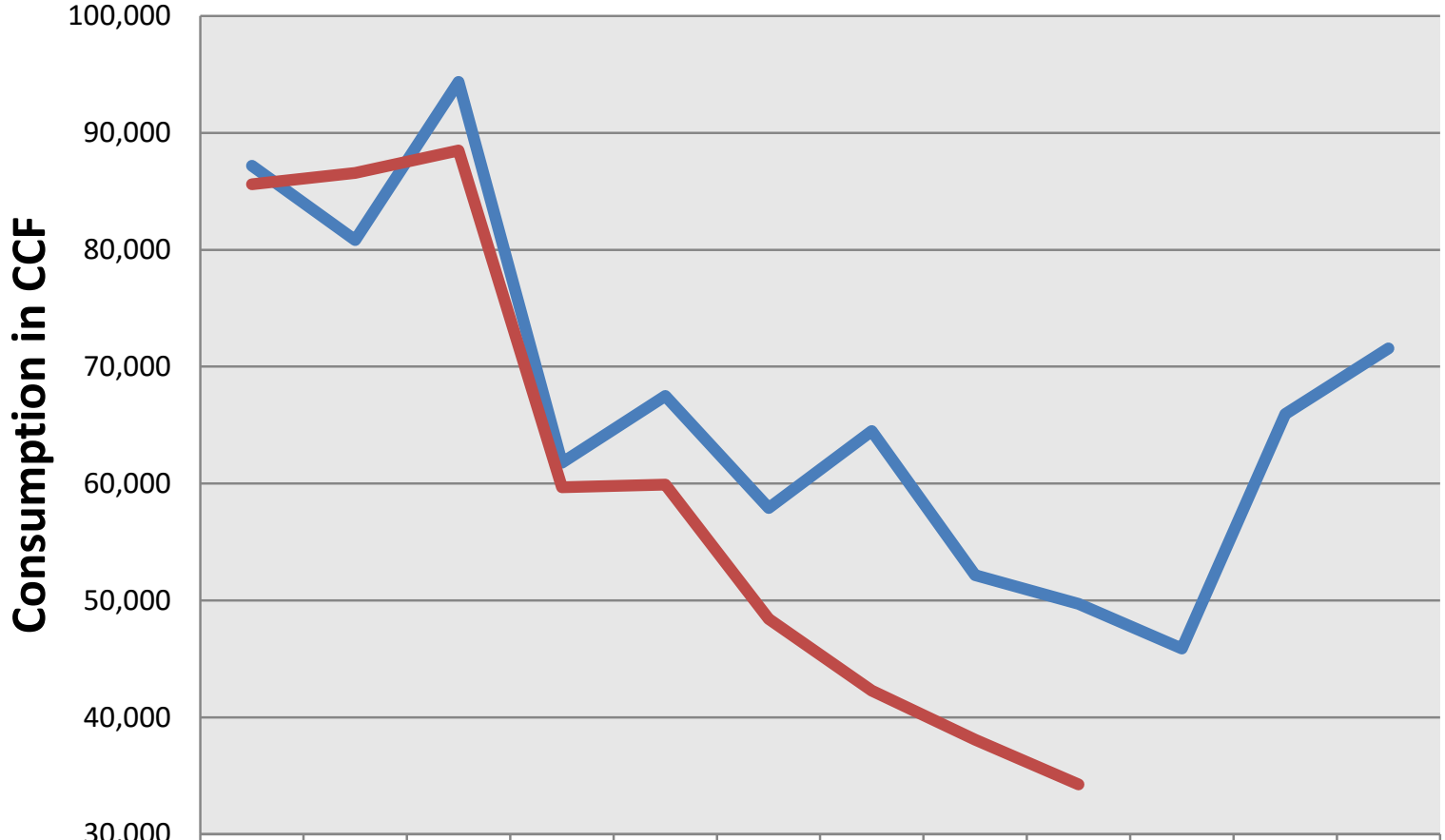
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	93,758	80,204	95,783	69,580	75,963	71,368	64,788	66,175	50,520	62,246	71,660	82,501
2018-2019	91,178	89,009	94,035	66,147	80,118	59,264	53,677	50,046	41,974			
%	97%	111%	98%	95%	105%	83%	83%	76%	83%	0%	0%	0%

Multi Family Residents Consumption



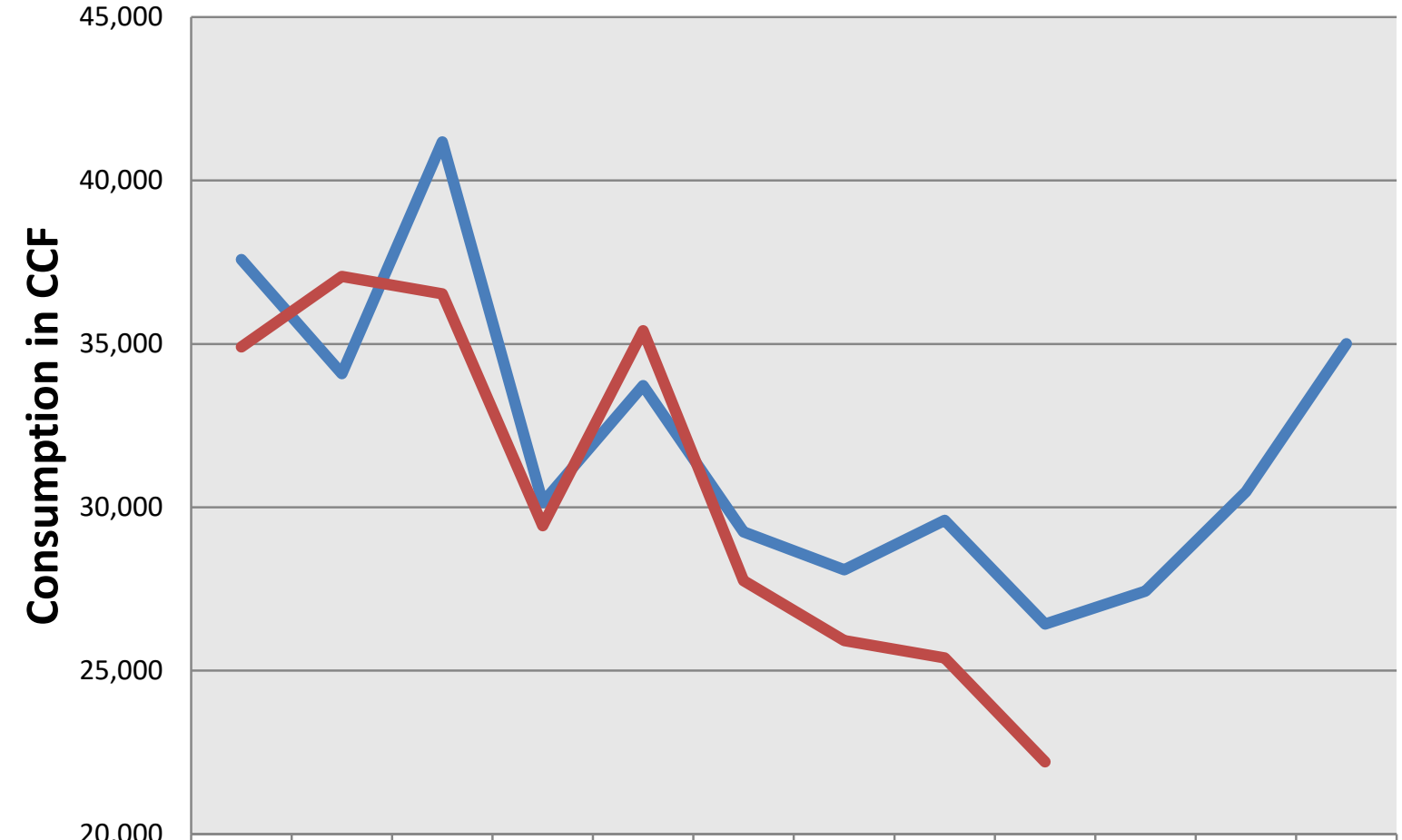
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	43,787	38,310	46,555	35,098	40,975	39,581	39,586	38,194	34,194	37,977	38,055	41,072
2018-2019	42,163	40,322	44,209	33,491	40,924	37,866	36,596	38,228	32,364			
%	96%	105%	95%	95%	100%	96%	92%	100%	95%	0%	0%	0%

Laguna Woods Village Consumption
(Excluding Dedicated Irrigation)



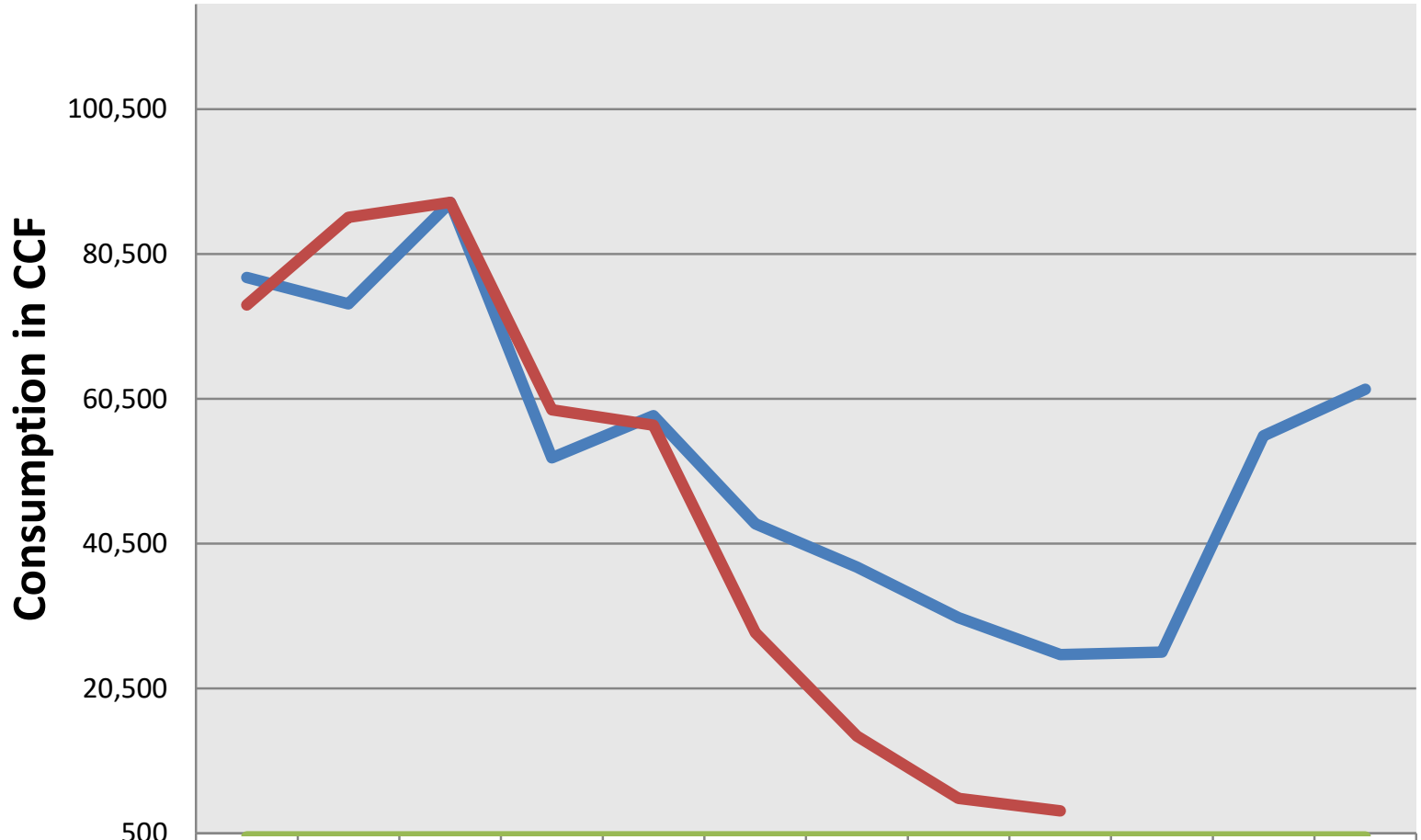
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	87,171	80,837	94,360	61,794	67,488	57,902	64,481	52,144	49,690	45,880	65,940	71,568
2018-2019	85,610	86,572	88,490	59,693	59,905	48,420	42,272	38,076	34,256			
%	98%	107%	94%	97%	89%	84%	66%	73%	69%	0%	0%	0%

Commercial Consumption



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	37,582	34,086	41,181	30,146	33,724	29,251	28,092	29,598	26,426	27,438	30,476	35,009
2018-2019	34,907	37,064	36,532	29,437	35,401	27,750	25,918	25,385	22,210			
%	93%	109%	89%	98%	105%	95%	92%	86%	84%	0%	0%	0%

Dedicated Irrigation Consumption (including LWV)



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	77,239	73,638	87,622	52,373	58,189	43,258	37,291	30,308	25,185	25,525	55,374	61,823
2018-2019	73,448	85,554	87,633	58,977	56,874	28,192	13,926	5,306	3,605			
%	95%	116%	100%	113%	98%	65%	37%	18%	14%	0%	0%	0%

EL TORO WATER DISTRICT
Glossary of Water Terms

Accumulated overdraft: The amount of water necessary to be replaced in the intake area of the groundwater basin to prevent the landward movement of ocean water into the fresh groundwater body.

Acre-foot, AF: A common water industry unit of measurement. An acre-foot is 325,851 gallons, or the amount of water needed to cover one acre with water one foot deep. An acre-foot serves annual needs of two typical California families.

ACWA: Association of California Water Agencies.
A statewide group based in Sacramento that actively lobbies State and Federal Government on water issues.

Advanced treatment: Additional treatment processes used to clean wastewater even further following primary and secondary treatment. Also known as tertiary treatment.

AFY: Acre-foot per year.

Alluvium: A stratified bed of sand, gravel, silt, and clay deposited by flowing water.

AMP: Allen McCulloch pipeline.

Major pipeline transporting treated water to water districts between Yorba Linda, where it starts to El Toro Water District reservoir, where it terminates.

Annexation: The inclusion of land within a government agency's jurisdiction.

Annual overdraft: The quantity by which the production of water from the groundwater supplies during the water year exceeds the natural replenishment of such groundwater supplies during the same water year.

Aqueduct: A man-made canal or pipeline used to transport water.

Aquifer: An underground geologic formation of rock, soil or sediment that is naturally saturated with water; an aquifer stores groundwater.

Arid: Dry; deserts are arid places. Semi-arid places are almost as dry as a desert.

Artesian: An aquifer in which the water is under sufficient pressure to cause it to rise above the bottom of the overlying confining bed, if the opportunity is provided.

Artificial recharge: The addition of surface water to a groundwater reservoir by human activity, such as putting surface water into recharge basins. (See also: groundwater recharge and recharge basin.)

AWWA American Water Works Association
Nationwide group of public and private water purveyors and related industrial suppliers.

Base flow: The portion of river surface flow which remains after deduction of storm flow and/or purchased imported water.

Bay-Delta: The Sacramento-San Joaquin Bay-Delta is a unique natural resource of local, state and national significance. The Delta Is home to more than 500,000 people; contains 500,000 acres of agriculture; provides habitat for 700 native plant and animal species; provides water for more than 25 million Californians and 3 million acres of agriculture; is traversed by energy, communications and transportation facilities vital to the economic health of California; and supports a $400 billion economy.

BIA: Building Industry Association.

Biofouling: The formation of bacterial film (biofilm) on fragile reverse osmosis membrane surfaces.

Biosolids: Solid organic matter recovered from a sewage treatment process and used especially as fertilizer.

BMP: Best Management Practice. An engineered structure or management activity, or combination of these, that eliminates or reduces adverse environmental effects.

Brackish water: A mixture of freshwater and saltwater.

Brown Act: Ralph M. Brown Act enacted by the State legislature governing all meetings of legislative bodies. Also know as the Open Meeting requirements.

Canal: A ditch used to move water from one location to another.

CASA: California Association of Sanitation Agencies The sanitation equivalent of ACWA concerned solely with issues affecting the treatment and disposal of solid waste and wastewater.

CEQA: California Environmental Quality Act.

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act. This federal law establishes the Superfund program for hazardous waste sites. It provides the legal basis for the United States EPA to regulate and clean up hazardous waste sites, and if appropriate, to seek financial compensation from entities responsible for the site.

CFS: Cubic feet per second.

Chloramines: A mixture of ammonia and chlorine used to purify water.

Clarify: To make clear or pure by separation and elimination of suspended solid material.

Coagulation: The clumping together of solids so they can more easily be settled out or filtered out of water. A chemical called aluminum sulfate (alum) is generally used to aid coagulation in water treatment and reclamation.

Coastkeepers: A non-profit organization dedicated to the protection and preservation of the marine habitats and watersheds of Orange County through programs of education, restoration, enforcement and advocacy.

Colored water: Groundwater extracted from the basin that is unsuitable for domestic use without treatment due to high color and odor exceeding drinking water standards.

Condensation: The process of water vapor (gas) changing into liquid water. An example of condensation can be seen in the tiny water droplets that form on the outside of a glass of iced tea as warmer air touches the cooler glass.

Confined aquifer: An aquifer that is bound above and below by dense layers of rock and contains water under pressure.

Conjunctive use: Storing imported water in a local aquifer, in conjunction with groundwater, for later retrieval and use.

Contaminate: To make unclean or impure by the addition of harmful substances.

CPCFA: California Pollution Control Financing Authority. State agency providing funds for wastewater reclamation projects.

Crisis:
1. **a:** The turning point for better or worse **b:** a paroxysmal attack of pain, distress, or disordered function **c:** an emotionally significant event or radical change of status in a person's life <a midlife *crisis*>
2. The decisive moment (as in a literary plot)
3. **a:** An unstable or crucial time or state of affairs in which a decisive change is impending; *especially* **:** one with the distinct possibility of a highly undesirable outcome <a financial *crisis*> **b:** a situation that has reached a critical phase

CTP Coastal Treatment Plant

CWPCA California Water Pollution Control Association. A 7000 member non-profit educational organization dedicated to water pollution control.

Dam: A barrier built across a river or stream to hold water.

Decompose: To separate into simpler compounds, substances or elements.

Deep percolation: The percolation of surface water through the ground beyond the lower limit of the root zone of plants into a groundwater aquifer.

Degraded water: Water within the groundwater basin that, in one characteristic or another, does not meet primary drinking water standards.

Delta: Where the rivers empty; an outlet from land to ocean, also where the rivers deposit sediment they carry forming landforms.

Delta Vision: Delta Vision is intended to identify a strategy for managing the Sacramento-San Joaquin Delta as a sustainable ecosystem that would continue to support environmental and economic functions that are critical to the people of California.

Demineralize: To reduce the concentrations of minerals from water by ion exchange, distillation, electro-dialysis, or reverse osmosis.

De-nitrification: The physical process of removing nitrate from water through reverse osmosis, microfiltration, or other means.

Desalting (or desalination): Removing salts from salt water by evaporation or distillation. Specific treatment processes, such as reverse osmosis or multi-stage flash distillation, to demineralize seawater or brackish (saline) waters for reuse. Also sometimes used in wastewater treatment to remove salts other pollutants.

Desilting: The physical process of removing suspended particles from water.

Dilute: To lessen the amount of a substance in water by adding more water.

Disinfection: Water treatment which destroys potentially harmful bacteria.

Drainage basin: The area of land from which water drains into a river, for example, the Sacramento River Basin, in which all land area drains into the Sacramento River. Also called catchment area, watershed, or river basin.

Drought: A prolonged period of below-average precipitation.

DPHS: California Department of Public Health Services. Regulates public water systems; oversees water recycling projects; permits water treatment devices; certifies drinking water treatment and distribution operators; supports and promotes water system security; provides support for small water systems and for improving technical, managerial, and financial (TMF) capacity; provides funding opportunities for water system improvements.

DVL: Diamond Valley Lake. Metropolitan's major reservoir near Hemet, in southwestern Riverside County.

DWR: California Department of Water Resources. Guides development/management of California's water resources; owns/operates State Water Project and other water facilities.

Endangered Species: A species of animal or plant threatened with extinction.

Endangered Species Act of 1973 (ESA): The most wide-ranging of the dozens of United States environmental laws passed in the 1970s. As stated in section 2 of the act, it was designed to protect critically imperiled species from extinction as a "consequence of economic growth and development untendered by adequate concern and conservation.

Ecosystem: Where living and non-living things interact (coexist) in order to survive.

Effluent: Wastewater or other liquid, partially or completely treated or in its natural state, flowing from a treatment plant.

Evaporation: The process that changes water (liquid) into water vapor (gas).

Estuary: Where fresh water meets salt water.

Evapotransporation: The quantity of water transpired (given off), retained in plant tissues, and evaporated from plant tissues and surrounding soil surface. Quantitatively, it is expressed in terms of depth of water per unit area during a specified period of time.

FCH Federal Clearing House – Environmental Review/Processing

FEMA Federal Emergency Management Agency

Filtration: The process of allowing water to pass through layers of a porous material such as sand, gravel or charcoal to trap solid particles. Filtration occurs in nature when rain water soaks into the ground and it passes through hundreds of feet of sand and gravel. This same natural process of filtration is duplicated in water and wastewater treatment plants, generally using sand and coal as the filter media.

Flocculation: A chemical process involving addition of a coagulant to assist in the removal of turbidity in water.

Forebay: A reservoir or pond situated at the intake of a pumping plant or power plant to stabilize water level; also, a portion of a groundwater basin where large quantities of surface water can recharge the basin through infiltration.

Gray water reuse: Reuse, generally without treatment, of domestic type wastewater for toilet flushing, garden irrigation and other non-potable uses. Excludes water from toilets, kitchen sinks, dishwashers, or water used for washing diapers.

Green Acres Project (GAP): A 7.5 million gallons per day (MGD) water reclamation project that serves tertiary treated recycled water to irrigation and industrial users in Costa Mesa, Fountain Valley, Huntington Beach, Newport Beach, and Santa Ana.

God Squad: A seven-member committee that is officially called the "Endangered Species Committee". Members consist of Secretary of the Interior, the Secretary of Agriculture, the Secretary of the Army, the Chairman of the Council of Economic Advisers, the Administrator of the National Oceanic and Atmospheric Administration and one individual from the affected state. The squad was established in 1978 by an amendment to the 1973 Endangered Species Act (ESA). It has only been called into action three times to deal with proposed federal agency actions that have been determined to cause "jeopardy" to any listed species. Such actions may receive an exemption from the ESA if five members of the committee determine that the action is of regional or national significance, that the benefits of the action clearly outweigh the benefits of conserving the species and that there are no reasonable and prudent alternatives to the action.

Groundwater: Water that has percolated into natural, underground aquifers; water in the ground, not water puddled on the ground.

Groundwater basin: A groundwater reservoir defined by the overlying land surface and the underlying aquifers that contain water stored in the reservoir. Boundaries of success-ively deeper aquifers may differ and make it difficult to define the limits of the basin.

Groundwater mining: The withdrawal of water from an aquifer in excess of recharge over a period of time. If continued, the underground supply would eventually be exhausted or the water table could drop below economically feasible pumping lifts.

Groundwater overdraft: The condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years during which water supply conditions approximate average.

Groundwater recharge: The action of increasing groundwater storage by natural conditions or by human activity. See also: Artificial recharge.

Ground Water Replenishment System (GWRS): A joint project of the Orange County Water District and the Orange County Sanitation District that will provide up to 100,000 acre-feet of reclaimed water annually. The high-quality water will be used to expand an existing underground seawater intrusion barrier and to replenish the groundwater basin underlying north and central Orange County.

Groundwater table: The upper surface of the zone of saturation (all pores of subsoil filled with water), except where the surface if formed by an impermeable body.

GPM: Gallons per minute.

Ground Water Replenishment System (GWRS): Orange County Water District's state-of-the-art, highly advanced, waste-water treatment facility.

Hydrologic balance: An accounting of all water inflow to, water outflow from, and changes in water storage within a hydrologic unit over a specified period.

Hydrologic cycle: The process of water constantly circulating from the ocean, to the atmosphere, to the earth in a form of precipitation, and finally returning to the ocean.

Imported water: Water that has originated from one hydrologic region and is transferred to another hydrologic region.

Inflatable rubber dams: Designed to replace temporary sand levees that wash out during heavy storm flow, the dams hold back high-volume river flows and divert the water into the off-river system for percolation.

Influent: Water or wastewater entering a treatment plant, or a particular stage of the treatment process.

Irrigation: Applying water to crops, lawns or other plants using pumps, pipes, hoses, sprinklers, etc.

JPIA Joint Powers Insurance Authority. A group of water agencies providing self-insurance to members of the ACWA.

LAIF Local Agency Investment Fund. Statewide pool of surplus public agency money managed by State Treasurer.

Leach: To remove components from the soil by the action of water trickling through.

MAF: Million acre feet.

MCL: Maximum contaminant level set by EPA for a regulated substance in drinking water. According to health agencies, the maximum amount of a substance that can be present in water that's safe to drink and which looks, tastes and smells good.

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

Microfiltration: A physical separation process where tiny, hollow filaments members separate particles from water.

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

MWDOC: Municipal Water District of Orange County. Intermediate wholesaler between MWD and 27 member agencies including ETWD.

Non-point source pollution: Pollution that is so general or covers such a wide area that no single, localized source of the pollution can be identified.

NPDES National Pollution Discharge Elimination System

OCBC: Orange County Business Council.

OCEMA Orange County Environmental Management Agency

OCWD: Orange County Water District.

Opportunity:
1. A favorable juncture of circumstances.
2. A good chance for advancement or progress .

Organism: Any individual form of life, such as a plant, animal or bacterium.

PCM Professional Community Management, Inc. Property Management company providing services to Laguna Woods Village and other homeowner associations.

Perched groundwater: Groundwater supported by a zone of material of low permeability located above an underlying main body of groundwater with which it is not hydrostatically connected.

Percolation: The downward movement of water through the soil or alluvium to the groundwater table.

Permeability: The capability of soil or other geologic formations to transmit water.

Point source: A specific site from which waste or polluted water is discharged into a water body, the source of which is identified. See also: non-point source.

Potable water: Suitable and safe for drinking.

PPB: Parts per billion.

Precipitation: Water from the atmosphere that falls to the ground as a liquid (rain) or a solid (snow, sleet, hail).

Primary treated water: First major treatment in a wastewater treatment facility, usually sedimentation but not biological oxidation.

Primary treatment: Removing solids and floating matter from wastewater using screening, skimming and sedimentation (settling by gravity).

Prior appropriation doctrine: Allocates water rights to the first party who diverts water from its natural source and applies the water to beneficial use. If at some point the first appropriator fails to use the water beneficially, another person may appropriate the water and gain rights to the water. The central principle is beneficial use, not land ownership.

Pumping Plant: A facility that lifts water up and over hills.

Recharge: The physical process where water naturally percolates or sinks into a groundwater basin.

Recharge basin: A surface facility, often a large pond, used to increase the infiltration of surface water into a groundwater basin.

Reclaimed wastewater: Wastewater that becomes suitable for a specific beneficial use as a result of treatment. See also: wastewater reclamation.

Reclamation project: A project where water is obtained from a sanitary district or system and which undergoes additional treatment for a variety of uses, including landscape irrigation, industrial uses, and groundwater recharge.

Recycling: A type of reuse, usually involving running a supply of water through a closed system again and again. Legislation in 1991 legally equates the term "recycled water" to reclaimed water.

Reservoir: A place where water is stored until it is needed. A reservoir can be an open lake or an enclosed storage tank.

Reverse osmosis: (RO) A method of removing salts or other ions from water by forcing water through a semi-permeable membrane.

RFP Request for Proposal

Riparian: Of or on the banks of a stream, river, or other body of water.

RO: Reverse osmosis. See the listing under "reverse osmosis."

R-O-W Right-of-way

Runoff: Liquid water that travels over the surface of the Earth, moving downward due to gravity. Runoff is one way in which water that falls as precipitation returns to the ocean.

RWQCB Regional Water Quality Control Board. State agency regulating discharge and use of recycled water.

Safe Drinking Water Act (SDWA): The Safe Drinking Water Act (SDWA) was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (SDWA does not regulate private wells which serve fewer than 25 individuals.) SDWA authorizes the United States Environmental Protection Agency (US EPA) to set national health-based standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water. US EPA, states, and water systems work together to make sure that these standards are met.

Safe yield: The maximum quantity of water that can be withdrawn from a groundwater basin over a long period of time without developing a condition of overdraft, sometimes referred to as sustained yield.

SAFRA Santa Ana River Flood Protection Agency

Salinity: Generally, the concentration of mineral salts dissolved in water. Salinity may be measured by weight (total dissolved solids - TDS), electrical conductivity, or osmotic pressure. Where seawater is known to be the major source of salt, salinity is often used to refer to the concentration of chlorides in the water.

SAWPA: Santa Ana Watershed Project Authority.

SCADA Supervisory Control and Data Acquisition

SCAP Southern California Alliance of Publicly. Newly formed group of public agencies seeking reasonable regulation of sewer industry.

SCH State Clearing House – Environmental Review/Processing

Seasonal storage: A three-part program offered by Metropolitan Water District of Southern California:

> **STSS (Short Term Seasonal Storage)** financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;
>
> **LTSS (Long Term Seasonal Storage)** financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

Seawater intrusion: The movement of salt water into a body of fresh water. It can occur in either surface water or groundwater basins.

Seawater barrier: A physical facility or method of operation designed to prevent the intrusion of salt water into a body of freshwater.

Secondary treatment: The biological portion of wastewater treatment which uses the activated sludge process to further clean wastewater after primary treatment. Generally, a level of treatment that produces 85 percent removal efficiencies for biological oxygen demand and suspended solids. Usually carried out through the use of trickling filters or by the activated sludge process.

Sedimentation: The settling of solids in a body of water using gravity.

Settle: To clarify water by causing impurities/solid material to sink to a container's bottom.

Sewer: The system of pipes that carries wastewater from homes and businesses to a treatment plant or reclamation plant. Sewers are separate from storm drains, which is a system of drains and pipes that carry rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged.

SigAlert: Any unplanned event that causes the closing of one lane of traffic for 30 minutes or more, as opposed to a planned event, like road construction, which is planned.

SJBA San Juan Basin Authority

Sludge: The solids that remain after wastewater treatment. This material is separated from the cleaned water, treated and composted into fertilizer. Also called biosolids.

SOCWA South Orange County Wastewater Authority. Regional Joint Powers Authority formed for collection and treatment of sewerage (previously known as AWMA/SERRA/SOCRA). SOCWA member agencies:

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

SRF State Revolving Fund

Storm Drain: The system of pipes that carries rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain

water is not treated before it is discharged. Storm drains are separate from sewers, which is a separate system of pipes to carry wastewater from homes and businesses to a treatment plant or reclamation plant for cleaning.

Storm flow: Surface flow originating from precipitation and run-off which has not percolated to an underground basin.

SWP: State Water Project. An aqueduct system that delivers water from northern California to central and southern California.

SWRCB State Water Resources Control Board

TDS: Total dissolved solids. A quantitative measure of the residual minerals dissolved in water that remain after evaporation of a solution. Usually expressed in milligrams per liter.

Tertiary treatment: The treatment of wastewater beyond the secondary or biological stage. Normally implies the removal of nutrients, such as phosphorous and nitrogen, and a high percentage of suspended solids.

THM: Trihalomethanes. Any of several synthetic organic compounds formed when chlorine or bromine combine with organic materials in water.

TMA: Too many acronyms.

TMDL: Total maximum daily load; A quantitative assessment of water quality problems, contributing sources, and load reductions or control actions needed to restore and protect bodies of water.

Transpiration: The process in which plant tissues give off water vapor to the atmosphere as an essential physiological process.

Turbidity: Thick or opaque with matter in suspension; muddy water.

Ultraviolet light disinfection: A disinfection method for water that has received either secondary or tertiary treatment used as an alternative to chlorination.

VE Value Engineering

VOC: Volatile organic compound; a chemical compound that evaporates readily at room temperature and contains carbon.

Wastewater: Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result.

Water Cycle: The continuous process of surface water (puddles, lakes, oceans) evaporating from the sun's heat to become water vapor (gas) in the atmosphere. Water condenses into clouds and then falls back to earth as rain or snow (precipitation). Some precipitation soaks into the ground (percolation) to replenish groundwater supplies in underground aquifers.

Water rights: A legally protected right to take possession of water occurring in a natural waterway and to divert that water for beneficial use.

Water-use Efficiency: The water requirements of a particular device, fixture, appliance, process, piece of equipment, or activity.

Water year (USGS): The period between October 1st of one calendar year to September 30th of the following calendar year.

Watermaster: A court appointed person(s) that has specific responsibilities to carry out court decisions pertaining to a river system or watershed.

Water Reclamation: The treatment of wastewater to make it suitable for a beneficial reuse, such as landscape irrigation. Also called water recycling.

Watershed: The total land area that from which water drains or flows to a river, stream, lake or other body of water.

Water table: The top level of water stored underground.

WEF Water Environment Federation. Formerly – Water Pollution Control Federation (WPCF). International trade group advising members of sewage treatment techniques and their effect on the environment.

Weir box: A device to measure/control surface water flows in streams or between ponds.

Wellhead treatment: Water quality treatment of water being produced at the well site.

Wetland: Any area in which the water table stands near, at, or above the land surface for a portion of the year. Wetlands are characterized by plants adapted to wet soil conditions.

Xeriscape: Landscaping that requires minimal water.