

I 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.



DENNIS P. CAFFERTY, 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

February 24, 2020

7:30 a.m.

CALL TO ORDER – President Monin

PLEDGE OF ALLEGIANCE – Vice President Gaskins

ORAL COMMUNICATIONS/PUBLIC COMMENTS

Members of the public may address the Board at this time or they may reserve this opportunity with regard to an item on the agenda until said item is discussed by the Board. Comments on other items will be heard at the times set aside for “COMMENTS REGARDING NON-AGENDA ENGINEERING COMMITTEE ITEMS” or for “COMMENTS REGARDING NON-AGENDA FIC ITEMS.” The public may 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.)

ENGINEERING COMMITTEE

CALL MEETING TO ORDER – Director Freshley

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)

1. Approval of Minutes (Minutes Included)

- a. Consider approving the minutes of the January 21, 2020 Engineering Committee.

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 Engineering Committee Consent Calendar.

ENGINEERING ACTION ITEMS

There are no action items.

ENGINEERING GENERAL INFORMATION ITEMS

**2. 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.

3. 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 – Director Vergara

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)

4. **Approval of Minutes** (Minutes Included)

- a. Consider approving the minutes of the January 21, 2020 Finance Committee meeting

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 Finance Committee Consent Calendar.

FINANCIAL ACTION ITEMS

5. **Financial Package - Authorization to Approve Bills for Consideration dated February 24, 2020 and Receive and File Financial Statements as of January 31, 2020** (Reference Material Included)

The Board will consider approving the Bills for Consideration dated February 24, 2020 and Receive and File Financial Statements as of January 31, 2020.

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 February 24, 2020, and 2) receive and file the Financial Statements for the period ending January 31, 2020.

FINANCIAL INFORMATION ITEMS

6. **Board of Directors Benefits** (Reference Material Included)

Staff will provide a an update regarding the evaluation of providing a Medical insurance benefit to the District's Board of Directors.

7. Donation & Sponsorships (Oral Report)

Staff will provide a history of previous contributions and sponsorships of various groups, events, and conferences. The Board will provide direction to staff on the consideration of future similar requests.

8. 2020/21 Fiscal Year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule Status Report (Reference Material Included)

Staff will review and comment on the 2020/21 fiscal year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule.

9. 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. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (1) to consult with legal counsel and staff on a matter of pending litigation. *The People of the State of California, acting by and through the Department of Transportation. Plaintiff, vs. County of Orange; Pacific and Telegraph Co.; Santa Margarita Water District; Laguna Hills Sanitation, Inc., California Corporation; and Does 1 through 50, inclusive. Defendants- Orange County Superior Court- Case No. 30-2020-01122114-CU-EI-CXC.*
2. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (2) to consult with legal counsel and staff on a matter of anticipated litigation (In the matter of a Claim filed by Donald P. Driscoll, Esq. on behalf of Anne Moell, et al).

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., Monday, March 23, 2020.

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.

MINUTES OF THE REGULAR MEETING
OF THE
ENGINEERING COMMITTEE MEETING

January 21, 2020

President Monin called the Meeting of the Board to order at 7:30 a.m. on January 21, 2020.

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

Also present were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, NEELY SHAHBAKHTI, Finance Manager/Controller, RICK OLSON, Operations Superintendent, BOBBY YOUNG, Principal Engineer, MIKE MIAZGA, IT Manager, ABEL ESTRADA, Customer Service Supervisor, NANCY LAURSEN, Accountant/Insurance Administrator, GILBERT J. GRANITO, General Counsel, POLLY WELSCH, Recording Secretary, and CAROL MOORE, Laguna Woods City Council member.

Pledge of Allegiance

Vice President Gaskins led in the Pledge of Allegiance.

Oral Communications/Public Comments

There were no comments.

Items Received Too Late to be Agendized

President Monin asked if there were any items received too late to be agendized. Mr. Cafferty replied no.

Engineering Committee Meeting

Director Freshley called the meeting to order.

Consent Calendar

1. Consider approving the minutes of the December 17, 2019 Engineering Committee meeting.

Director Freshley asked for a Motion.

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

Engineering Action Items

There were no action items.

Engineering General Information Items

Capital Project Status Report

Laguna Hills Mall Project Update

Mr. Cafferty stated that staff met with the Contractors for the Laguna Hills Mall Project (Merlone-Geier Partners) and they are planning the project in Phases.

Mr. Young stated that Phase 1 will be the west side of the property with construction starting summer of 2021, and consist of 1500 residential units and expected occupancy late 2023/early 2024. He further stated that they also plan to build Commercial and Retail units, based on market conditions.

Mr. Young stated that the Plans are public documents and on the Laguna Hills City's website. He further stated that In-and-Out, Kings Fish House and BJ's Restaurant will remain on-site. Director Freshley asked about the tire shop in the area. Mr. Young replied that according to the current plans, the tire shops will be removed.

Mr. Young stated that the name will change to The Village at Laguna Hills. He further stated that they are expediting a review process of an Urban Village Master Plan from the City as part of their CEQA process.

President Monin asked how this project dovetails with the El Toro Road intersection project.

Mr. Cafferty replied that the Contractor had just left a meeting with CalTrans and the I-5 project is still in discussion.

Oso Lift Station Project

Mr. Young stated that staff will be bringing the construction contract and construction management services contract to the Board for approval in March.

Director Freshley asked why the month delay. Mr. Young stated that the Consultant (Tetra Tech) had a server malfunction nationwide across all their servers and their file sharing went down so they were delayed in their ability to deliver final drawings and specs for the bidding process.

Phase II Recycled Water Distribution System Expansion Project

Mr. Young stated that staff is working with the Department of Drinking Water on approving the retrofit plans for the West Side System. He further stated that the East Side System is complete, and there are now 18 meters completed.

Mr. Cafferty stated that last week staff had a meeting with the County staff, the Division of Drinking Water staff, IRWD, and SMWD, to discuss issues of the recycled water retrofit process and regulatory requirements.

Mr. Young stated that they did a detailed walk-through of all the courtyards to see how many have valves and/or modified systems.

Lab Certification Update

Mr. Cafferty stated that the District's application for certification has been approved and forwarded to management for issuance of the certificate.

Filter Site Use Plan Project

Mr. Cafferty stated that the Consultant, Brady was planning to provide us with their draft report.

Mr. Cafferty stated that the existing filter plant building at the site was abandoned in the mid-1980's and is deteriorating and falling apart. He further stated that an office building at the site is being used by WEROC as an Emergency Operations Center.

Mr. Cafferty stated that options to consider are the status quo (do-nothing), demolish the filter plant building and pave the grounds, or demolish the filter plant building and construct a new storage facility.

Mr. Cafferty stated that there is the additional opportunity of a joint project where the District builds a storage building and new EOC for WEROC (which they would pay for) which allows them to design a facility that better meets their needs.

Mr. Cafferty stated that emergency generators, pumps, shoring trailers, pipelines, parts, the diesel fuel trailer, chlorine trailer, and the potable water use trailer that has to be stored indoors could all be stored at the new facility. He further stated that once WEROC moves out of the existing building and into the new one, we could use the old WEROC building for storage of our files, etc.

Director Freshley asked how much rent will we charge WEROC. Mr. Cafferty stated that they are paying for the new building, and we are members of WEROC, and they currently pay \$1,000 per year.

Mr. Cafferty stated that it will cost approximately \$1.7 million to demolish the building and existing water tank, or approximately \$3.4 million for a project that includes the demolition as well as a new storage facility and WEROC EOC. He stated that WEROC would pay approximately \$600,000 of the cost to fund the EOC portion of the project.

President Monin stated that he feels we should demolish the old building as soon as possible, and some of the vehicles do not need to be stored in a building. He also said we should not increase traffic by storing trucks at the site, and he is more in favor of doing the project in stages, and streamlining the new building.

Mr. Cafferty stated that we will need to obtain the necessary permits when building the new structure. He further stated that staff is also aware that there may be an increase in traffic in the area, but what we intend to put there will not be used on a daily basis.

Director Vergara asked who the Brady is. Mr. Cafferty replied that Rick Brady is the owner of the Consultant firm "Brady & Associates".

Director Vergara suggested that ETWD assume the entire costs for demolition and the new building. Mr. Cafferty replied that discussions with MWDOC on the drawings and costs are on-going.

Mr. Young stated that Brady analyzed options with a demolition contractor on which types of trash hauling trucks to use during demolition and construction.

Caltrans I-5 Widening Project

Mr. Young stated that CalTrans is implementing a widening project between El Toro Road and the 73 Toll Road in 3 segments. He further stated that this project will necessitate utility relocations, and we are working on an Agreement with CalTrans of cost-sharing for this project.

Mr. Young stated that OCTA received a federal grant for the highway widening for the segment from the 73 Toll Road to Los Alisos, but it's CalTrans doing the work.

Aliso Creek Lift Station Skid Pump and Trailer Mounted Emergency Pump

Mr. Young stated that the pumps have arrived, and staff has contracted with a general contractor to install the skid pump at the Aliso Creek Lift Station. He further stated that the Contractor also performed an initial site visit to verify dimensions prior to finalizing the materials order. Mr. Young stated that installation is expected to be complete in February.

Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

Comments Regarding Non-Agenda Engineering Committee Items

There were no comments.

Close Engineering Committee Meeting

At approximately 9:05 a.m. the Engineering Committee meeting was closed.

Adjournment

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

Motion: Vice President Gaskins made a Motion, seconded by Director Havens and unanimously carried that today's meeting be adjourned at 9:05 a.m. to Monday, February 24, 2020 at 7:30 a.m. at the District's Administrative Offices at 24251 Los Alisos Blvd, Lake Forest, CA. 92630.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

MARK L. MONIN, President
of the El Toro Water District and the
Board of Directors thereof

DENNIS P. CAFFERTY, Secretary
of the El Toro Water District and the
Board of Directors thereof



STAFF REPORT

TO: BOARD OF DIRECTORS

MEETING DATE: February 24, 2020

FROM: Bobby Young, Principal Engineer

SUBJECT: Capital Project Status Report

I Oso Lift Station Improvement Project

The design of the Oso Lift Station Improvement Project requires the expansion of the lift station site footprint by ten feet on the northeast side of the property. The proposed lot line adjustment from the City of Laguna Woods requires signatures from both parcel Owners, the City and ETWD, before approval from the County of Orange Right-of-Way. Staff is coordinating the final requirements for the County Right-of-Way requested signatures.

Staff solicited construction bids from seven contractors that expressed interest in the project. Two of the Contractors opted out due to the timing of the project and their current workload and a third failed to attend the mandatory pre-bid meeting. Four contractors attended the mandatory Pre-Bid meeting. Staff intends to bring the construction contract to the Board for approval in March.

II Phase II Recycled Water Distribution System Expansion Project

Staff continues to work with State Water Resources Control Board Division of Drinking Water (DDW) to secure approval of the retrofit plans for the West Side System. Staff is finalizing the cross-connection testing procedures associated with the West retrofits and plans to meet with County Health and DDW during the week of February 24th. The District's contractor is currently working in the West Side System to install the system identification components of the retrofit project in that area. Once the West Side System cross-connection testing procedures are approved by the County, District Staff will commence the cross connection tests after which the contractor can install the final connections.

Capital Project Status Report
February 2020
Page 2

Staff submitted applications for the Metropolitan Water District On-Site Retrofit Rebate Program for the sites in the East Side System. Staff has submitted invoice documentation for the first several sites in the East Side System and awaits receipt of the rebate.

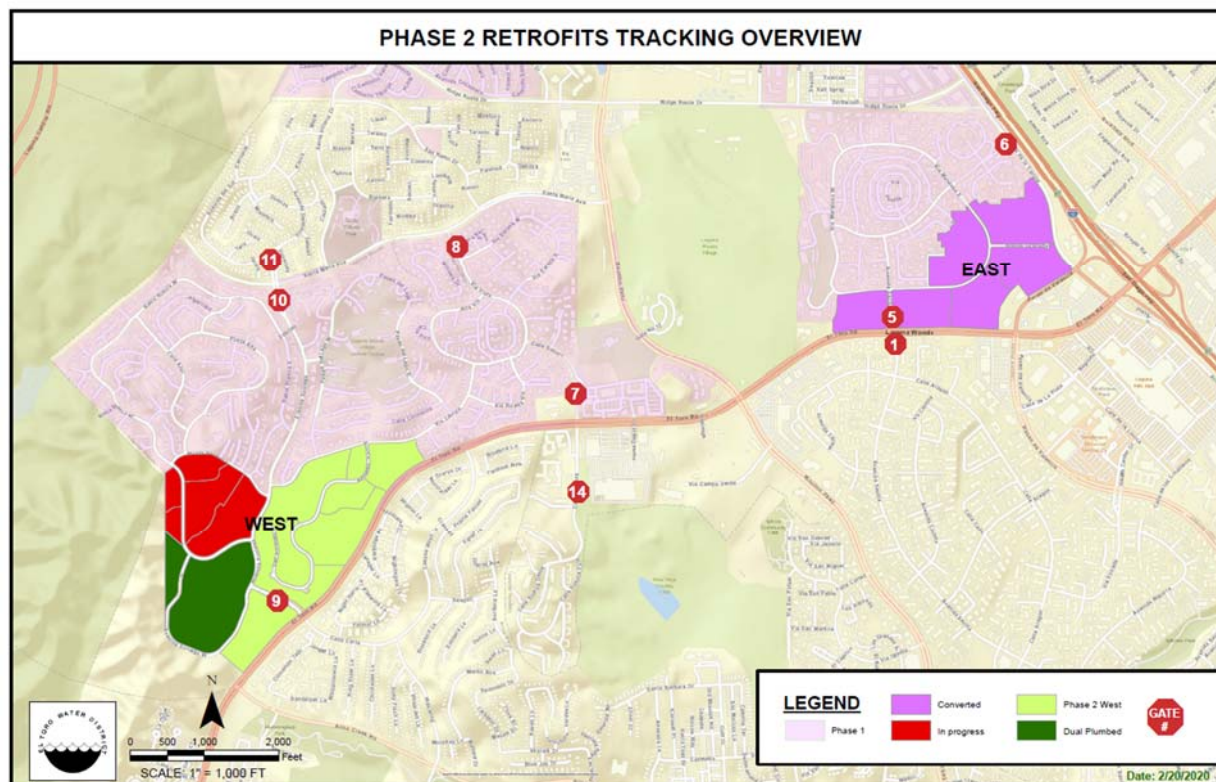
Staff has also submitted and received approval of rebate applications for the first eleven meters in the West System. An overall summary table is provided below:

	To Date	Remaining (Estimate)	Total
Contractor Invoices	\$ 123,762	\$ 398,847	\$ 522,609
County Inspection	\$ 20,819	\$ 10,000	\$ 30,819
Meter Cost	\$ 26,738	\$ 5,0000	\$ 31,738
Approved Retrofit Rebates	(\$ 0)	(\$ 149,341)	(\$ 149,341)
Totals	\$ 171,319	\$ 264,506	\$ 435,825

The retrofit project in the United (Gate 5/6) area is complete, with 6 total sites covering 18 meters with an estimated annual demand of 121 AFY.

The retrofit project in the Third (Gate 9) area is underway, summarized as follows:

	Complete	In Progress	Remaining
Sites		4	6
Meters		11	22
Demand		46 AF	105 AF



III Laboratory Certification Update

Staff received certification and is back to normal routine at the ETWD lab at the WRP. A copy of the Certificate is attached.

IV Filter Site Use Plan Project

Staff met with MWDOC/WEROC staff regarding potential cost sharing arrangements and overall project scope. MWDOC/WEROC staff is evaluating the project and will present it to the MWDOC Board of Directors at a future meeting.

V Caltrans I-5 Widening Project

Caltrans is preparing to implement an I-5 Freeway widening project between El Toro Road and the 73 Toll Road. The portion of the project between Los Alisos Blvd. and El Toro Road will necessitate certain utility relocations.

The utility plans and engineer's cost estimate were submitted to Caltrans in January. Staff is now reviewing the Caltrans Utility Agreement for terms and payment sharing.

VI Aliso Creek Lift Station Skid Pump and Trailer Mounted Emergency Pump

Installation is underway at the Aliso Creek Lift Station and expected to be complete by the end of February.

VII South Orange County Supply and System Reliability Projects

A. Baker Water Treatment Product Water Conveyance Options

Staff is working with MNWD to identify proposed project milestones to include in the ETWD Capital Budget.

B. Irvine Lake – Baker Supply

A meeting between Serrano Water District and the Baker Agencies, inclusive of IRWD, was held on November 12. IRWD and SWD are working to revise the proposal in an effort to find an arrangement that is acceptable to all the impacted parties. IRWD is evaluating the schedule for certain capital improvement projects at the Lake that may impact the timing of any proposed arrangement for the storage of emergency water in the Lake.



CALIFORNIA

Water Boards

STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

El Toro Water District Laboratory

23542 Moulton Parkway

Laguna Woods, CA 92653

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **3034**

Expiration Date: **11/30/2021**

Effective Date: **12/1/2019**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

**F.Y. 2019/20 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
<i>2019/20 Capital Projects (reference number corresponds with Approved Budget item numbers)</i>															
3	P-3 New MCC w/ TS, Nema 3R Main & Generator and Pump Replacements							ET	ET	ET	ET	RFP	E	\$480,000	
7	Grit Chamber Rehab/Re-Coating							ET	ET	ET	RFP	E	E	\$85,000	
9	AMR / AMI Implementation	Update as part of 2021 Capital Budget												\$200,000	
<i>Carryover / Deferred</i>															
	Oso Lift Station Improvement Project (Construction, CM)								B	A	C	C	C	\$1,000,000	
	Caltrans Widening Utility Relocations								E	B	A	C	C	\$295,400	
	AWIA Compliance - Phase II				BP/A									\$83,577	
	Reconstruct (West Side) Drainage Swayle at the Holding Pond							ET	ET	ET	ET	ET		\$68,250	
	Clarifier No. 3 and 4 Scum Pump Station					ET	E	B	B	A	C			\$350,000	
	Master Plan Update									RFP	A			\$350,000	
	Old Treatment Plant / Clear Well Demo	RFP	A	E	E	E	E	BP						\$400,000	\$133,143
<i>2019/20 Capital Equipment (reference number corresponds with Approved Budget item numbers)</i>															
3	OOPS Emergency Generator Replacement								ET	ET	ET	A		\$220,000	
8	Dump Truck/Traffic Control Truck (Unit 4)								ET	A				\$80,000	
10	Nimble Storage Array Replacement		ET	ET	ET	ET	ET	A						\$75,000	
Total														\$3,687,227	\$133,143

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

2/20/2020

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

January 21, 2020

Director Vergara called the Finance Committee meeting to order at 9:05 a.m. on January 21, 2020.

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

Also present were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, NEELY SHAHBAKHTI, Finance Manager/Controller, RICK OLSON, Operations Superintendent, BOBBY YOUNG, Principal Engineer, MIKE MIAZGA, IT Manager, ABEL ESTRADA, Customer Service Supervisor, NANCY LAURSEN, Accountant/Insurance Administrator, GILBERT J. GRANITO, General Counsel, POLLY WELSCH, Recording Secretary, and CAROL MOORE, Laguna Woods City Council member.

Consent Calendar

Director Vergara asked for a Motion.

Motion: President Monin made a Motion, seconded by Director Havens and unanimously carried across the Board to approve the December 17, 2019 Finance Committee meeting minutes.

Approval of Items Removed from Today's FIC Consent Calendar

There were no items removed.

Finance Action Items

Quarterly Insurance Report

Ms. Cimorell stated that we are on budget with no major changes. She further stated that there was one Workers Compensation claim this quarter, and the employee was placed on modified duty for six days.

Director Vergara asked about the Fuel Bay roof repair. Ms. Laursen replied that JPIA paid for the repair minus our \$1,000 deductible. Director Vergara asked how the driver didn't notice that the backhoe was taller than the roof. Mr. Olson stated that we have since modified the backhoe trailer because on the primary trailer, the rear bucket stows in a bay and this one only had a flat deck which the bucket sits on top of, creating an additional few feet.

Director Vergara asked for a Motion.

Motion: Vice President Gaskins made a Motion, seconded by Director Havens and unanimously carried across the Board to Receive and File the Quarterly Insurance Report for the period of October 1, 2019 through December 31, 2019.

At approximately 9:20 a.m. Ms. Laursen left the meeting.

Nimble Storage Array Replacement

Director Havens asked if we have a plan for data recovery. Mr. Miazga replied that we have Phoenix Nap out of Phoenix, Arizona for cold storage, and we have cloud storage which is not a complete disaster recovery site in that if the building were to be demolished, we could flip a switch and be up and running, but it would take some time (possibly a few days) to build the infrastructure in Phoenix Nap, but they could actually do this, and we could spin up our servers in their cloud storage.

Mr. Miazga further stated that it's really about how much cost you want to incur and how much time you can afford to be down.

Mr. Miazga stated that we also have file level backup to Barracuda Network's cloud storage which is located in Australia.

Director Vergara stated that his concern is a backup IT person. Mr. Cafferty replied that we have discussed short-term long-term options of a backup IT person. Mr. Miazga stated that AMS.net is his current backup which sells blocks of hours, different levels of blocks of business hours, and 24/7 blocks. He further stated that we purchased 10 hours just to have on hand 24/7 in case of emergency.

President Monin asked how this cost compares to a part-time employee. Mr. Miazga stated that he would still like to have some blocks of hours in addition to a part-time employee because they have a level of expertise and resources on hand at AMS.net.

Mr. Miazga stated that he would like someone to assist with anti-virus, desktop issues, and lower level work that is in abundance.

Director Vergara asked staff to prepare an analysis of costs associated with backup options for Mr. Miazga.

Director Vergara asked for a Motion.

Motion: Director Havens made a Motion, seconded by Vice President Gaskins and unanimously carried across the Board to authorize the General Manager to enter into a Purchase Order Contract with Dell USA LP in the amount of \$60,801.19 for the purchase of 3 PowerEdge R740 servers and 2 Dell 4128 10G network switches with professional services for help with implementation and migration and enter into a

Purchase Order Contract with Dell EMC in the amount of \$63,412.81 for the purchase of an EMC Unity XT380 Storage Array.

Resolution No. 20-1-1 Adopting Schedule 7-W of the District's Rules and Regulations Consisting of the District's Policy on Discontinuation of Residential Water Service

Mr. Cafferty stated that recent legislation requires Public Agencies to adopt specific guidelines when considering discontinuation of water service. He further stated that this requirement states that the Shut-off Notice must be published in six different languages, and meets certain criteria where we can't shut off the customer.

Mr. Cafferty stated that we are adding Schedule 7-W to our current Rules and Regulations in order to meet the requirements of Senate Bill 998.

Director Vergara stated that everyone is entitled to safe and affordable drinking water as is state mandated.

Director Vergara asked for a Motion.

Motion: President Monin made a Motion, seconded by Director Havens and unanimously carried across the Board to adopt Resolution No. 20-1-1 which adopts Schedule 7-W of the District's Rules and Regulations consisting of the District's policy on discontinuation of residential water service as required by Senate Bill 998.

Resolution No. 20-1-2 Amending Schedule 1-W of the District's Rules and Regulations "General Metered Potable Water Service"

Mr. Cafferty stated that this policy removes the discontinuation of service language from the Schedule 1-W.

Director Vergara asked for a Motion

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Motion: Director Havens made a Motion, seconded by Vice President Gaskins and unanimously carried across the Board to adopt Resolution No. 20-1-2 which amends Schedule 1-W of the District's Rules and Regulations "General Metered Potable Water Service".

Resolution No. 20-1-3 Amending Policy Statement 1985-3 (IV) (ETWD Investment Policy)

Mr. Cafferty stated that there are recommendations made by staff and the General Counsel. He further stated that certain limitations to investments was amended, paragraph K of the LAIF language was changed, and 50% was changed to 60% of our portfolio in CAMP.

Director Havens stated that she would like to see a report on the fees that are charged by the Investment Advisors. Ms. Shahbakhti replied that she receives a monthly statement which is around \$600-\$800.

Director Vergara asked for a Motion.

Motion: Director Freshley made a Motion, seconded by Director Havens and unanimously carried across the Board to adopt Resolution No. 20-1-3 which amends Policy Statement 1985-3 (IV) (ETWD Investment Policy).

Finance Report

Ms. Shahbakhti stated that included in the package is the financial information for the month of December.

Director Vergara asked on the Income Statement, page 10, item 5650 Legal, we are already 118% of the budget. Mr. Cafferty stated that is the year-to-date and we have had some unanticipated legal costs.

Director Vergara asked for a Motion.

Motion: President Monin made a Motion, seconded by Vice President 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 January 21, 2020, and 2) receive and file the Financial Statements for the period ending December 31, 2019.

At approximately 9:30 a.m. Mr. Estrada left the meeting.

Finance Information Items

Board of Directors Benefits

Mr. Cafferty stated that staff reviewed the current Board benefits as well whether or not there is any potential for changes such as adding Medical benefits. He further stated that currently the Board members receive Dental, Vision, Life Insurance of \$5,000 or \$10,000, and Long-term Care which varies from person to person.

Mr. Cafferty stated that the current cost for the Long-term Care Program is approximately \$15,000/year which fluctuates per Board member. He further stated that recent changes in the JPIA medical insurance program now allow individual Board members to opt in or out of the coverage.

Mr. Cafferty stated that this is not an action item today. He further stated that we need to determine whether or not to make the available plans the same as the employees, the Board members' share of the monthly premium, dependents coverage, how to treat Board members when they leave the Board, and whether or not to continue the Long-term Care benefit or replace it with Medical.

Mr. Cafferty stated that we offer employees HMO, PPO, and Kaiser Plans and reviewed the costs associated with each plan.

Mr. Cafferty stated that the premium costs for the different plans on an annual basis for each individual is \$7700 - \$10,300 and increases by adding another dependents.

Mr. Cafferty stated that staff will bring a draft Policy to the Board for approval once there is clear direction from the Board.

Vice President Gaskins asked what the neighboring agencies offer their Boards. Mr. Cafferty replied that Medical insurance is not uncommon and is offered by several neighboring agencies.

Vice President Gaskins stated that there are some Board members on Medicare who may not benefit from the Medical insurance or Life insurance. He further stated that if the Board member is no longer on the Board, their Medical would cease but they could be eligible for Cobra insurance at their expense.

Mr. Cafferty stated that staff will discuss with JPIA regarding options and will draft a Policy for the Board to review next month.

2020/21 Fiscal Year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule Status Report

Mr. Cafferty stated that the budget process has started and staff is busy working on the detailed budget. He further stated that the dates need to be reviewed especially for the Budget Committee #1 and #2, and the Full Board Budget Workshop.

Director Havens stated that she may have a conflict with the Full Board Budget Workshop date.

Tiered Water Usage and Revenue Tracking

There were no comments.

Comments Regarding Non-Agenda FIC Items

Ms. Moore stated that she wanted to invite the Board to Black History month on February 19th at 5:00 p.m. at Town Hall.

Close Finance and Insurance Committee Meeting

At approximately 9:50 a.m. the FIC meeting was closed.

Attorney Report

Mr. Granito reported that there is no need for a Closed Session as agendized on today's Closed Session agenda.

Adjournment

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

Motion: Vice President Gaskins made a Motion, seconded by Director Havens and unanimously carried that today's meeting be adjourned at 9:50 a.m. to Monday, February 24, 2020 at 7:30 a.m. at the District's Administrative Offices at 24251 Los Alisos Blvd, Lake Forest, CA. 92630.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

MARK L. MONIN, President
of the El Toro Water District and the
Board of Directors thereof

DENNIS P. CAFFERTY, Secretary
of the El Toro Water District and the
Board of Directors thereof

EL TORO WATER DISTRICT
FINANCIAL REPORT
February 24, 2020

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**EL TORO WATER DISTRICT
BALANCE SHEET**

	1/31/20 (Unaudited)	June 30, 2019 (Audited)
ASSETS		
Current Assets		
Cash	\$129,868	\$1,704,132
Investments:		
Investments Cash	6,571,459	\$6,095,362
Investments FMV Adjustment	56,174	\$39,107
Receivables:		
Accounts Receivable	2,909,308	3,337,975
Notes Receivable	-	-
Inventories	536,517	625,472
Prepaid Expenses	483,427	201,078
Total Current Assets	<u>\$10,686,753</u>	<u>12,003,125</u>
Restricted Assets		
Cash & Investments	<u>12,092,755</u>	<u>12,035,381</u>
Total Restricted Assets	<u>12,092,755</u>	<u>12,035,381</u>
Non-Current Assets		
Utility Plant:		
Land & Easements	7,451,585	7,451,585
Long Term Leases	342,382	342,382
Equipment	115,049,529	114,139,715
Collection & Impound Reservoirs	6,243,706	6,243,706
Structure & Improvements	34,871,067	34,806,127
Total Utility Plant	<u>163,958,271</u>	<u>162,983,517</u>
Less Accumulated Depreciation & Amortization	<u>(77,898,168)</u>	<u>(75,348,450)</u>
Net Utility Plant	86,060,102	87,635,067
Construction Work in Progress	7,189,406	6,838,533
Notes Receivable	-	-
Deffered Outflow OPEB	<u>3,337,168</u>	<u>3,337,168</u>
Total Non-current Assets	<u>96,586,676</u>	<u>97,810,768</u>
TOTAL ASSETS	<u><u>\$119,366,184</u></u>	<u><u>\$121,849,273</u></u>

**EL TORO WATER DISTRICT
BALANCE SHEET**

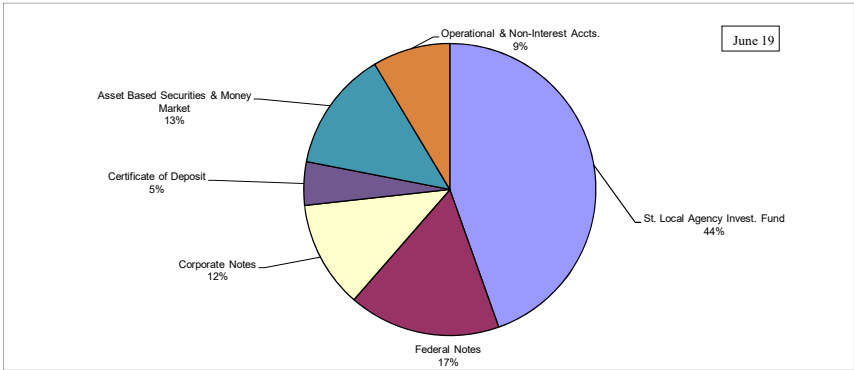
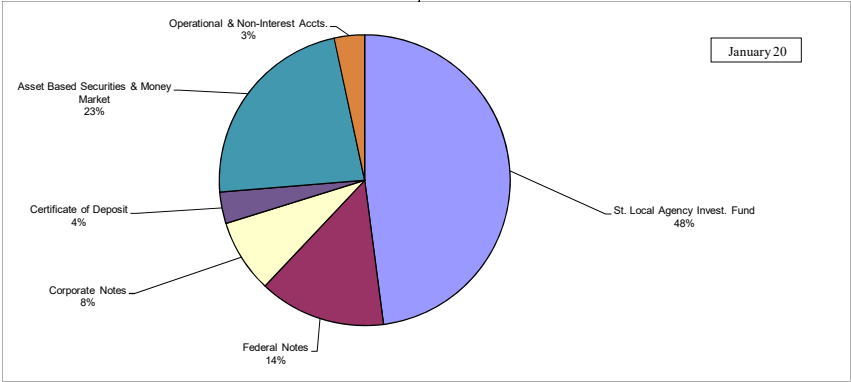
	1/31/20 (Unaudited)	June 30, 2019 (Audited)
LIABILITIES and EQUITY		
Liabilities		
Current Liabilities Payable		
Accounts Payable	\$1,029,509	\$1,964,675
Current Portion of Long-Term Debt	413,397	2,173,134
Other Current Liabilities	1,791,056	2,008,617
	<hr/>	<hr/>
Total Current Liabilities Payable		
From Current Assets	3,233,962	6,146,426
Long Term Debt		
Long Term Debt	51,149,798	51,149,798
	<hr/>	<hr/>
Total Long Term Debt	51,149,798	51,149,798
Total Liabilities	54,383,760	57,296,224
Fund Equity		
Retained Earnings - Reserved	17,034,893	17,034,893
Contributed Capital	8,744,767	8,744,767
Retained Earnings - Unreserved	38,773,389	37,178,785
Net Income	429,374	1,594,605
Total Fund Equity	64,982,424	64,553,049
	<hr/>	<hr/>
Total Liabilities & Fund Equity	<u>\$119,366,184</u>	<u>\$121,849,273</u>

CASH & INVESTMENTS (General Fund)
SUMMARY OF INVESTMENTS BY TYPE

	Maturity Dates	Par	Market Value 1/31/20	Financial Institution	YTM 1/31/20	Original Cost 1/31/20
State Local Agency Investment Fund	NA	NA	\$9,258,106	LAIF	1.97%	\$9,258,106
US Treasury N/B - Coupon Rate 1.625%	7/31/2020	60,000	60,009	US Bank/CAMP	1.60%	60,038
US Treasury N/B - Coupon Rate 1.375%	8/31/2020	110,000	109,880	US Bank/CAMP	1.53%	109,502
US Treasury N/B - Coupon Rate 1.375%	8/31/2020	260,000	259,716	US Bank/CAMP	1.44%	259,523
US Treasury N/B - Coupon Rate 1.375%	10/31/2020	95,000	94,866	US Bank/CAMP	1.65%	94,228
US Treasury N/B - Coupon Rate 1.750%	12/31/2020	340,000	340,638	US Bank/CAMP	1.90%	338,513
US Treasury N/B - Coupon Rate 1.375%	1/31/2021	50,000	49,938	US Bank/CAMP	2.05%	49,006
US Treasury N/B - Coupon Rate 1.125%	2/28/2021	150,000	149,414	US Bank/CAMP	2.41%	144,428
US Treasury N/B - Coupon Rate 2.000%	5/31/2021	490,000	493,675	US Bank/CAMP	2.62%	481,272
Intl BK of Recon & Dev Notes - Coupon Rate 1.875%	4/21/2020	90,000	90,005	US Bank/CAMP	1.90%	89,922
Inter-American Devel BK Note - Coupon Rate 1.625%	5/12/2020	150,000	149,998	US Bank/CAMP	1.70%	149,645
Intl BK of Recon & Dev Notes - Coupon Rate 1.561%	9/12/2020	90,000	89,943	US Bank/CAMP	1.64%	89,784
Inter-American Development Bank - Coupon Rate 2.125%	11/9/2020	90,000	90,351	US Bank/CAMP	1.81%	90,834
Intl Finance Note - Coupon Rate 2.250%	1/25/2021	70,000	70,485	US Bank/CAMP	2.35%	69,794
Intl Finance Corporation Note - Coupon Rate 2.635%	3/9/2021	90,000	91,080	US Bank/CAMP	2.66%	89,933
Inter-American Dev Bank Note - Coupon Rate 1.875%	3/15/2021	200,000	200,805	US Bank/CAMP	2.56%	196,046
Inter-American Dev Bank Note - Coupon Rate 2.625%	4/19/2021	70,000	70,940	US Bank/CAMP	2.70%	69,846
CA ST TXBL GO Bonds- Coupon Rate 2.800%	4/1/2021	100,000	101,289	US Bank/CAMP	2.80%	100,004
FNA 2018-M5 A2- Coupon Rate 3.560%	9/25/2021	41,270	41,693	US Bank/CAMP	2.27%	42,091
FNMA Notes - Coupon Rate 1.500%	2/28/2020	200,000	199,989	US Bank/CAMP	1.52%	199,872
Federal Notes		2,746,270	2,754,713			2,724,278
Microsoft Corp. Note - Coupon Rate 1.850%	2/6/2020	90,000	90,001	US Bank/CAMP	1.87%	89,940
Apple Inc. Bonds - Coupon Rate 1.900%	2/7/2020	80,000	80,001	US Bank/CAMP	1.92%	79,961
Chevron Corp Notes - Coupon Rate 1.991%	3/3/2020	70,000	70,007	US Bank/CAMP	1.99%	70,000
Walt Disney Corp Notes - Coupon Rate 1.950%	3/4/2020	20,000	20,002	US Bank/CAMP	1.96%	19,995
Exxon Mobil Corp Note - Coupon Rate 1.912%	3/6/2020	90,000	89,998	US Bank/CAMP	1.75%	90,402
John Deere Capital Corp. - Coupon Rate 2.200%	3/13/2020	40,000	40,022	US Bank/CAMP	2.23%	39,969
Goldman Sachs Group Inc Corp Notes - Coupon Rate 2.600%	4/23/2020	30,000	30,000	US Bank/CAMP	2.28%	30,226
General Dynamics Corp. - Coupon Rate 2.875%	5/11/2020	50,000	50,154	US Bank/CAMP	3.06%	49,823
Apple Inc. Bonds - Coupon Rate 1.800%	5/11/2020	60,000	60,022	US Bank/CAMP	1.84%	59,939
Intel Corp Notes - Coupon Rate 1.850%	5/11/2020	90,000	90,044	US Bank/CAMP	1.86%	89,966
Home Depot Inc Corp Notes - Coupon Rate 1.800%	6/5/2020	40,000	40,005	US Bank/CAMP	1.82%	39,977
Walt Disney Corp Notes - Coupon Rate 1.800%	6/5/2020	70,000	70,014	US Bank/CAMP	1.84%	69,919
John Deere Capital Corp Notes - Coupon Rate 1.950%	6/22/2020	20,000	20,015	US Bank/CAMP	1.97%	19,988
State Street Corp Notes - Coupon Rate 2.550%	8/18/2020	10,000	10,050	US Bank/CAMP	1.83%	10,208
State Street Corp Notes - Coupon Rate 2.550%	8/18/2020	70,000	70,349	US Bank/CAMP	1.82%	71,471
Caterpillar Finl Service Note - Coupon Rate 1.850%	9/4/2020	70,000	70,048	US Bank/CAMP	1.88%	69,941
Citigroup Inc Corp Notes - Coupon Rate 2.650%	10/26/2020	40,000	40,249	US Bank/CAMP	2.34%	40,360
Paccar Financial Corp Notes - Coupon Rate 2.050%	11/13/2020	20,000	20,035	US Bank/CAMP	2.05%	19,998
VISA Inc. (Callable) Corp Notes - Coupon Rate 2.200%	12/14/2020	20,000	20,083	US Bank/CAMP	1.85%	20,220
Wal-Mart Stores Inc. Corp. Note - Coupon Rate 1.900%	12/15/2020	90,000	90,258	US Bank/CAMP	1.95%	89,870
Paccar Financial Corp Notes - Coupon Rate 2.800%	3/1/2021	30,000	30,382	US Bank/CAMP	2.82%	29,985
National Rural Util Coop - Coupon Rate 2.900%	3/15/2021	35,000	35,464	US Bank/CAMP	2.94%	34,961
United Parcel Service Corporate Bond - Coupon Rate 2.050%	4/1/2021	90,000	90,408	US Bank/CAMP	2.10%	89,858
Toyota Motor Credit Corp Notes - Coupon Rate 2.950%	4/13/2021	90,000	91,444	US Bank/CAMP	2.96%	89,964
Pepsico Inc. Corp. Note - Coupon Rate 2.000%	4/15/2021	30,000	30,147	US Bank/CAMP	2.01%	29,994
Hershey Company Corp. Note - Coupon Rate 3.100%	5/15/2021	40,000	40,747	US Bank/CAMP	3.12%	39,972
American Express Co. - Coupon Rate 3.375%	5/17/2021	45,000	45,892	US Bank/CAMP	3.38%	44,992
Charles Schwab Corp. Corp. Notes - Coupon Rate 3.250%	5/21/2021	55,000	56,066	US Bank/CAMP	3.25%	54,998
Bank of America Note - Coupon Rate 3.228%	10/1/2021	90,000	90,190	US Bank/CAMP	2.33%	90,000
Corporate Notes		1,575,000	1,582,100			1,576,897
Credit Suisse New York CD- Coupon Rate 2.670%	2/7/2020	100,000	100,024	US Bank/CAMP	2.67%	100,000
Nordea Bank AB NY CD- Coupon Rate 2.720%	2/20/2020	90,000	90,056	US Bank/CAMP	2.72%	90,000
Bank of Nova Scotia Houston CD - Coupon Rate 3.080%	6/5/2020	100,000	100,515	US Bank/CAMP	3.10%	99,962
Westpac Banking Corp NY CD - Coupon Rate 2.050%	8/3/2020	150,000	150,317	US Bank/CAMP	2.05%	150,000
Swedbank (NewYork) CD- Coupon Rate 2.270%	11/16/2020	135,000	135,437	US Bank/CAMP	2.30%	135,000
Royal Bank of Canada NY CD- Coupon Rate 3.240%	6/7/2021	100,000	101,919	US Bank/CAMP	3.24%	100,000
Certificate of Deposit		675,000	678,267			674,962
Toyota ABS 2017-A A3 - Coupon Rate 1.730%	2/15/2021	6,291	6,290	US Bank/CAMP	1.74%	6,290
John Deere ABS 2017-A A3 - Coupon Rate 1.780%	4/15/2021	2,885	2,885	US Bank/CAMP	1.79%	2,885
Toyota ABS 2017-B A3 - Coupon Rate 1.760%	7/15/2021	34,132	34,130	US Bank/CAMP	1.76%	34,130
Honda ABS 2017-1 A3 - Coupon Rate 1.720%	7/21/2021	9,295	9,292	US Bank/CAMP	1.72%	9,295
Ally ABS 2017-2 A3 - Coupon Rate 1.780%	8/15/2021	13,248	13,250	US Bank/CAMP	1.79%	13,246
Nissan ABS 2017-2 A3 - Coupon Rate 1.740%	8/15/2021	15,850	15,848	US Bank/CAMP	1.74%	15,848
Honda ABS 2017-2 A3 - Coupon Rate 1.680%	8/15/2021	32,680	32,668	US Bank/CAMP	1.68%	32,677
Hyundai ABS 2017-A A3 - Coupon Rate 1.760%	8/16/2021	11,411	11,410	US Bank/CAMP	1.76%	11,410
John Deere ABS 2017-B A3 - Coupon Rate 1.820%	10/15/2021	12,427	12,426	US Bank/CAMP	1.82%	12,426
Ford ABS 2017-B A3 - Coupon Rate 1.690%	11/15/2021	30,698	30,687	US Bank/CAMP	1.69%	30,697
Hyundai ABS 2017-B A3 - Coupon Rate 1.770%	1/18/2022	42,897	42,903	US Bank/CAMP	1.78%	42,889
Ally 2017-5 A3 - Coupon Rate 1.990%	3/15/2022	35,254	35,286	US Bank/CAMP	1.99%	35,252
Fordo 2017-C A3 - Coupon Rate 2.010%	3/15/2022	67,090	67,186	US Bank/CAMP	2.02%	67,078
Citibank 2017-A3 A3 - Coupon Rate 1.920%	4/7/2022	100,000	100,047	US Bank/CAMP	1.82%	100,267
JDOT 2018-A A3 - Coupon Rate 2.660%	4/15/2022	15,166	15,229	US Bank/CAMP	2.66%	15,164
Hart 2018-A A3 - Coupon Rate 2.790%	7/15/2022	35,000	35,252	US Bank/CAMP	2.80%	34,995
MBart 2018-1 A3 - Coupon Rate 3.030%	1/15/2023	55,000	55,595	US Bank/CAMP	3.03%	54,998
CAMP Money Market Fund	NA	NA	3,910,427	US Bank/CAMP	1.78%	3,910,427
Asset Based Securities & Money Market		519,322	4,430,812			4,429,972
Total Camp Investments		5,515,592	9,445,892			9,406,108

Operational & Non-Interest Bearing Accounts

ETWD General Cash Account	NA	NA	651,149	Union Bank of Cal.	0.00%	651,149
ETWD Capital Facilities Reserve Account	NA	NA	853	Union Bank of Cal.	0.00%	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.			652,702			652,702
			\$19,356,700	Total Investments & Cash		\$19,316,916



LIQUIDITY					
	January 31, 2020			June 30, 2019	
	\$	%		\$	%
DEMAND	\$ 13,821,235	71.55%		\$ 12,245,220	61.74%
30 Days	\$ 559,773	2.90%		\$ 208,880	1.05%
31-180 Days	\$ 919,731	4.76%		\$ 1,161,829	5.86%
181 - 360	\$ 1,719,282	8.90%		\$ 1,771,413	8.93%
361-1800 Days	\$ 2,296,895	11.89%		\$ 4,447,532	22.42%
TOTAL	\$ 19,316,916	100.00%		\$ 19,834,874	100.00%

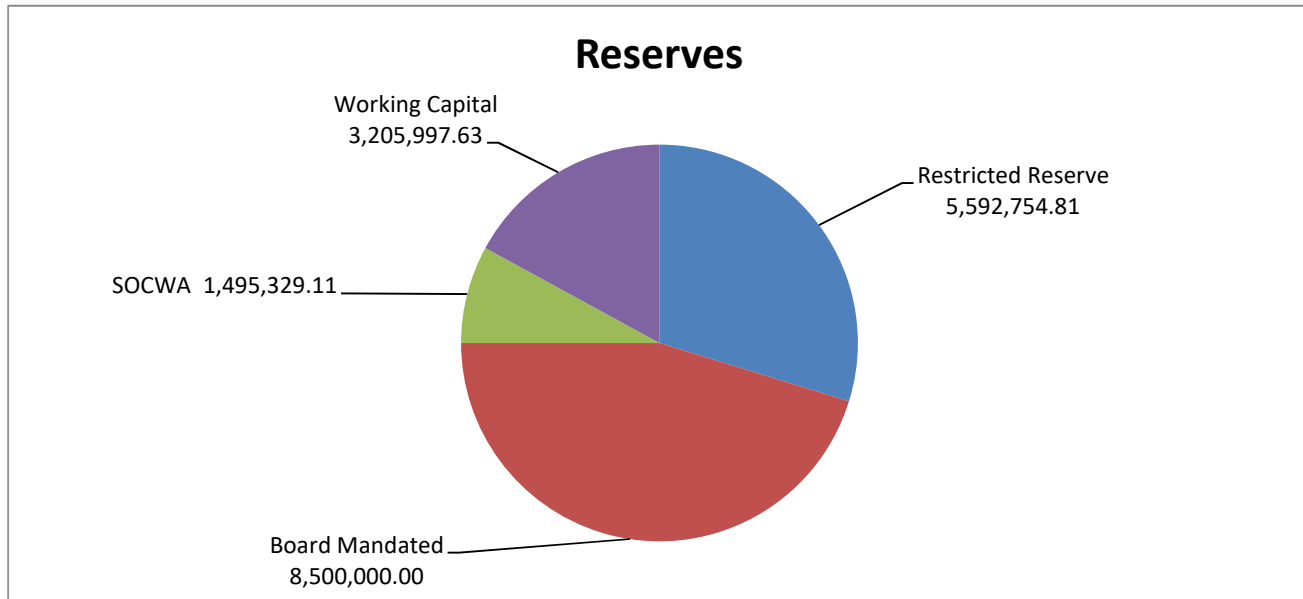
* The portfolio is in compliance with the investment policy.

** PFM Investment Advisory Services (10bp on first \$25 mm, 8bp over) \$ 480.91 for January 2020

EL TORO WATER DISTRICT

RESERVE ANALYSIS

31-Jan-20



Restricted Reserve	\$	5,592,755
Board Mandated	\$	8,500,000
SOCWA	\$	1,495,329
Capital Cash Flow / Compliance	\$	3,205,998
Total	\$	18,794,082

Restricted Reserve

SRFL-Recycled Phase I	\$	1,602,958
SRFL-Recycled Phase II	\$	409,046
Capital Facilities Reserve	\$	64,514
Tiered Cons Fund	\$	1,897,875
Baker Funding	\$	1,618,362
Total	\$	5,592,755

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: \$12,800,791
 Cash less restricted reserve on hand: \$13,201,327

ETWD has the ability to meet its expenditure requirements for the next six months.

EL TORO WATER DISTRICT CHANGE IN RESERVES

	<u>January 31, 2020</u>	<u>Year to Date</u>	<u>June 30, 2019</u>
Operating Revenue	1,656,084	15,049,762	26,368,844
Non-operating Revenue	188,362	1,159,786	2,908,390
Total Revenue	<u>1,844,446</u>	<u>16,209,547</u>	<u>29,277,234</u>
Operating Expenses	1,914,289	12,771,103	22,462,405
Depreciation & Amortization	364,245	2,549,718	4,466,431
Non-operating Expenses	65,622	459,351	753,794
Total Expenses	<u>2,344,156</u>	<u>15,780,173</u>	<u>27,682,629</u>
NET INCOME	(499,710)	429,374	1,594,605
Add Depreciation & Amortization	364,245	2,549,718	4,466,431
Net Cash Provided by Operating Activities	(194,256)	(2,734,565)	(584,951)
Net Cash Provided by Investing Activities	(312,278)	(1,325,627)	(2,691,563)
Net Cash Provided by Financing Activities	-	-	2,594,367
Net Increase/(Decrease) Cash for the Period	<u>(641,998)</u>	<u>(1,081,100)</u>	<u>5,378,889</u>
Cash at End of Period from Balance Sheet		6,757,500	
Restricted Cash		12,092,755	
Unrealized (Gains)/Losses Fair Market Value		<u>(56,174)</u>	
Cash at End of Period		18,794,082	
Net (Increase)/Decrease Cash for the Period		641,998	
Net (Increase)/Decrease in Restricted Cash for the Period		(82,064)	
Net Increase/(Decrease) in Unrealized Gains/(Losses) Fair Market Value		3,264	
Void Checks in Prior Period		<u>(8,476)</u>	
Cash at Beginning of Period		19,348,803	

EL TORO WATER DISTRICT
Cash Sheet
For the month ending January 31, 2020

CHECK NUMBER	PAYMENT DATE	VENDOR NAME	PAYMENT AMOUNT
88168	01/09/2020	MUNICIPAL WATER DISTRICT OF ORANGE CO.	417,354.44
88216	01/16/2020	SOUTH ORANGE COUNTY WASTEWATER AUTHORITY	356,184.00
88253	01/23/2020	IRVINE RANCH WATER DISTRICT	144,738.77
88194	01/16/2020	EVOLUTION LANDSCAPING & PLUMBING	123,761.87
88183	01/16/2020	ACWA HEALTH BENEFITS AUTHORITY	122,093.84
88297	01/30/2020	RICHARD BRADY & ASSOCIATES, INC.	55,210.01
TOTAL CHECKS OVER \$50,000			\$ 1,219,342.93
TOTAL CHECKS IN REGISTER			\$ 1,681,659.74

DEBIT TRANSFERS

01/03/2020	PAYROLL DIRECT DEPOSIT	271,336.91
01/03/2020	FEDERAL DEPOSIT LIABILITY	56,907.29
01/03/2020	SDI & STATE TAX	22,212.48
01/03/2020	WAGE GARNISHMENTS	585.00
01/03/2020	PRUDENTIAL (401K)	93,657.32
01/03/2020	PRUDENTIAL (457)	36,179.17
01/15/2020	PAYROLL BOARD OF DIRECTOR	6,334.23
01/15/2020	SS, MEDICARE, SDI & STATE TAX	1,829.54
01/15/2020	PRUDENTIAL (457)	2,387.10
01/17/2020	PAYROLL DIRECT DEPOSIT	139,796.10
01/17/2020	FEDERAL DEPOSIT LIABILITY	30,802.16
01/17/2020	SDI & STATE TAX	12,167.01
01/17/2020	WAGE GARNISHMENTS	585.00
01/17/2020	PRUDENTIAL (401K)	51,175.56
01/17/2020	PRUDENTIAL (457)	17,210.14
01/31/2020	PAYROLL DIRECT DEPOSIT	135,285.76
01/31/2020	FEDERAL DEPOSIT LIABILITY	28,986.93
01/31/2020	SDI & STATE TAX	11,433.86
01/31/2020	PRUDENTIAL (401K)	48,700.39
01/31/2020	PRUDENTIAL (457)	16,523.91
01/31/2020	ADP AND BANK FEES	5,101.42

TOTAL INTERBANK WIRES / DEBIT TRANSFERS \$ 989,197.28

TOTAL DISBURSEMENTS \$ 2,670,857.02

ETWD EMPLOYEES

CHECK NUMBER	PAYMENT DATE	PAYEE (DESCRIPTION)	PAYMENT AMOUNT
88210	01/16/2020	RAYMUND LLADA (Expense Reimbursement)	796.76
88158	01/09/2020	JAKE F. KNOKE (Expense Reimbursement)	172.30
88211	01/16/2020	RICK OLSON (Expense Reimbursement)	90.00
88151	01/09/2020	DANIEL LOPEZ (Expense Reimbursement)	87.30
88302	01/30/2020	SHERRI A. SEITZ (Expense Reimbursement)	86.94
88196	01/16/2020	GARTH BOTHA (Expense Reimbursement)	60.00

TOTAL CHECKS TO EMPLOYEES \$ 1,293.30

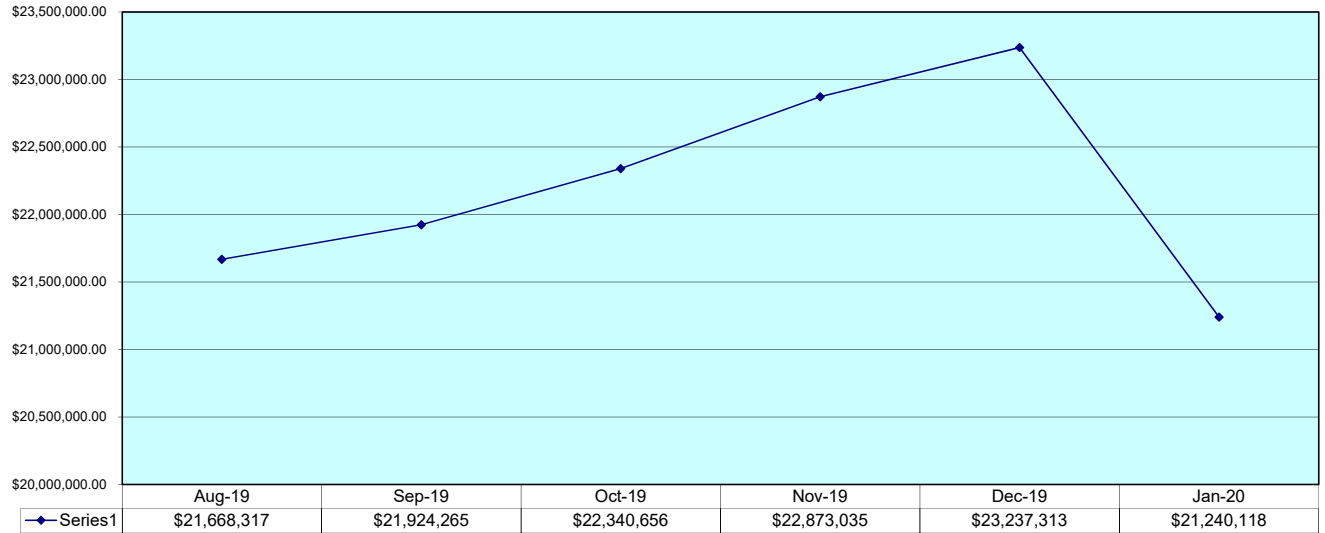
ETWD DIRECTORS

CHECK NUMBER	PAYMENT DATE	PAYEE (DESCRIPTION)	PAYMENT AMOUNT
88164	01/09/2020	MARK MONIN (Expense Reimbursement)	964.63
88161	01/09/2020	KATHRYN FRESHLEY (Expense Reimbursement)	313.06
88167	01/09/2020	MICHAEL GASKINS (Expense Reimbursement)	197.68
88160	01/09/2020	KATHERINE HAVENS (Expense Reimbursement)	156.02
88159	01/09/2020	JOSE VERGARA (Expense Reimbursement)	151.96

TOTAL CHECKS TO DIRECTORS \$ 1,783.35

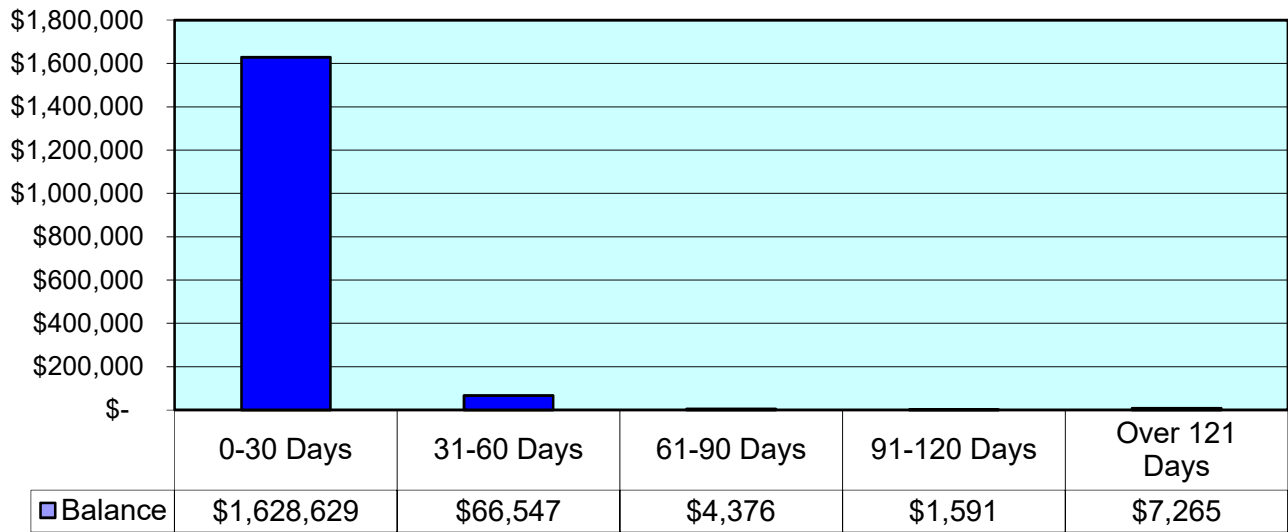
EL TORO WATER DISTRICT 401K PLAN SUMMARY

401K PLAN MARKET VALUE

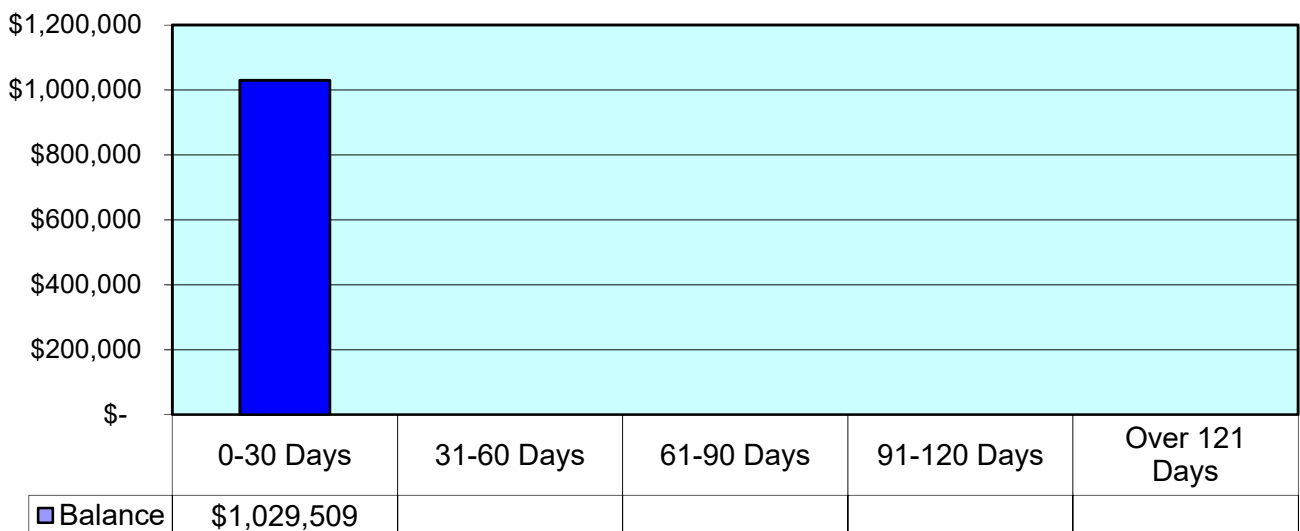


MARKET VALUE SUMMARY							
	Growth Under 40 yrs. Old	Capital Appreciation 40 to 44 yrs. Old	Balanced 45 to 49 yrs. Old	Balanced Income 50 to 54 yrs. Old	Income & Growth 55 to 59 yrs. Old	Income 60 to 64 yrs. Old	Capital Pres. Port Over 65 yrs. Old
Balance at July 1, 2019	\$ 1,506,787.68	\$549,062.24	\$1,801,553.21	\$5,954,287.10	\$6,260,620.08	\$2,461,760.00	\$2,894,379.39
Contributions	173,722.33	36,193.12	57,232.53	137,631.10	162,166.82	209,808.48	90,086.91
Withdrawals	0.00	0.00	0.00	(54,817.47)	0.00	(7,692.31)	(2,461,658.05)
Transfers	(20,538.08)	(91,674.24)	(576,278.95)	(1,257,870.85)	396,540.67	1,222,682.82	327,138.63
Interest, dividends and appreciation net of fees and charges	140,869.13	31,387.01	106,061.97	383,292.32	461,334.31	215,890.57	130,159.33
Balance at January 31, 2020	\$ 1,800,841.06	\$524,968.13	\$1,388,568.76	\$5,162,522.20	\$7,280,661.88	\$4,102,449.56	\$980,106.21
Average return YTD January 31, 2020	7.82%	5.98%	7.64%	7.42%	6.34%	5.26%	13.28%

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

RECEIVABLES & PAYABLES AGEING**Receivables as of 1/31/20**

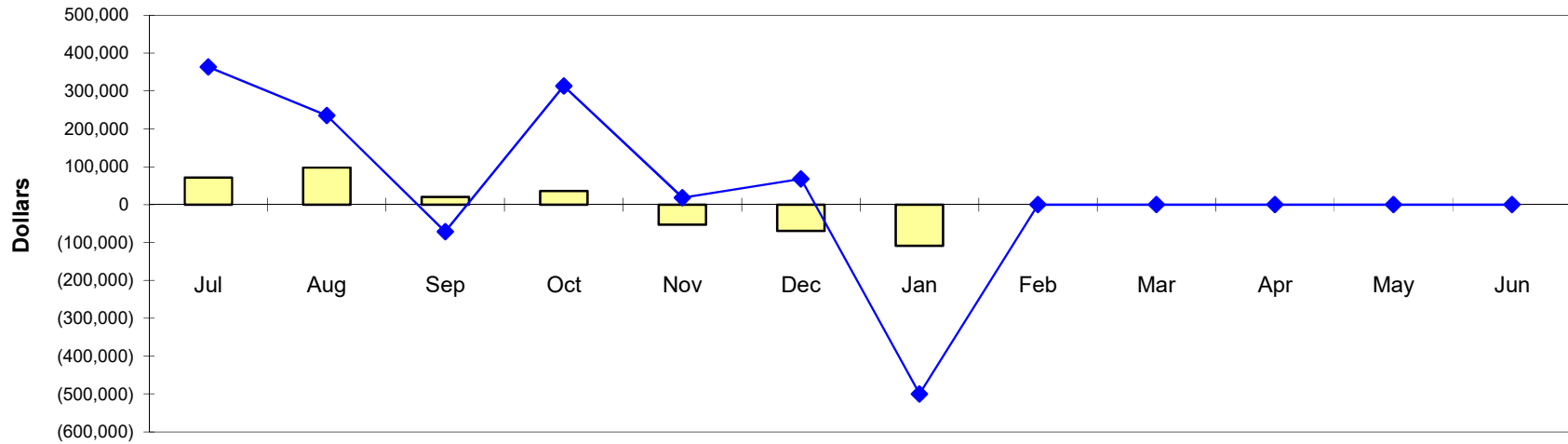
Bad Debts Year to Date: \$4,907

Accounts Payable as of 1/31/20

Year to Date Discounts Taken: \$415

Jan 20	Budget	% of Budget	Jul '19 - Jan 20	YTD Budget	% of Budget	Annual Budget
307,165.12	301,792.00	101.78%	2,119,389.18	2,112,544.00	100.32%	3,621,504.00
633,381.94	647,916.67	97.76%	4,530,051.74	4,535,416.65	99.88%	7,775,000.00
13,350.64	99,858.92	13.37%	895,368.97	1,050,114.85	85.26%	1,686,426.00
21,451.90	26,558.92	80.77%	145,128.15	185,912.40	78.06%	318,707.00
251,252.29	251,221.33	100.01%	1,754,418.57	1,758,549.35	99.77%	3,014,656.00
422,347.77	554,026.14	76.23%	5,458,227.36	5,826,130.29	93.69%	9,356,441.00
7,134.70	4,583.33	155.67%	35,992.48	32,083.35	112.18%	55,000.00
60,729.08	46,666.67	130.13%	345,276.97	326,666.65	105.7%	560,000.00
0.00	9,333.33	0.0%	90,807.84	65,333.35	138.99%	112,000.00
0.00	1,953.34	0.0%	20,377.49	13,673.30	149.03%	23,440.00
29,583.70	16,666.67	177.5%	229,607.78	116,666.65	196.81%	200,000.00
3,957.67			15,807.18			
-693.85			1,259.94			
94,785.05	77,083.33	122.96%	567,833.72	539,583.35	105.24%	925,000.00
1,844,446.01	2,037,660.65	90.52%	16,209,547.37	16,562,674.19	97.87%	27,648,174.00
1,844,446.01	2,037,660.65	90.52%	16,209,547.37	16,562,674.19	97.87%	27,648,174.00
790,609.38	712,173.54	111.01%	4,719,828.09	4,985,215.30	94.68%	8,546,083.00
679,387.17	491,589.99	138.2%	4,742,055.10	4,982,488.84	95.17%	8,041,949.00
85,004.13	93,783.34	90.64%	658,235.72	656,483.30	100.27%	1,125,400.00
20,634.68	35,861.08	57.54%	200,202.40	251,026.60	79.75%	430,332.00
11,918.99	10,260.43	116.17%	69,449.45	71,822.85	96.7%	123,125.00
0.00	9,483.33	0.0%	51,333.21	66,383.35	77.33%	113,800.00
0.00	2,191.66	0.0%	8,730.77	15,341.70	56.91%	26,300.00
1,338.91	5,970.85	22.42%	14,546.94	41,795.75	34.81%	71,650.00
0.00	666.67	0.0%	460.00	4,666.65	9.86%	8,000.00
6,284.07	17,450.00	36.01%	127,220.85	122,150.00	104.15%	209,400.00
10,529.99	2,523.67	417.25%	31,455.55	17,665.65	178.06%	30,284.00
5,280.00	7,716.66	68.42%	41,753.00	54,016.70	77.3%	92,600.00
5,009.75	5,316.67	94.23%	38,177.76	37,216.65	102.58%	63,800.00
91,737.85	101,658.35	90.24%	645,805.65	711,608.25	90.75%	1,219,900.00
9,658.50	6,333.33	152.5%	58,893.90	44,333.35	132.84%	76,000.00
68.70	1,333.34	5.15%	4,650.10	9,333.30	49.82%	16,000.00
1,833.38	2,991.67	61.28%	21,000.66	20,941.65	100.28%	35,900.00
1,996.67	12,532.78	15.93%	94,533.16	87,729.10	107.76%	150,393.00
7,658.73	7,916.67	96.74%	63,576.88	55,416.65	114.73%	95,000.00
450.88	1,675.00	26.92%	8,304.20	11,725.00	70.83%	20,100.00
21,948.66	12,272.92	178.84%	66,032.20	85,910.40	76.86%	147,275.00
1,479.65	5,833.34	25.37%	42,534.25	40,833.30	104.17%	70,000.00
1,594.53	1,587.94	100.42%	11,170.81	11,115.30	100.5%	19,055.00
5,395.40	4,333.33	124.51%	29,212.04	30,333.35	96.3%	52,000.00
3,785.48	1,691.67	223.77%	10,556.09	11,841.65	89.14%	20,300.00
0.00	3,041.67	0.0%	0.00	21,291.65	0.0%	36,500.00
1,895.96	7,441.67	25.48%	64,298.85	52,091.65	123.43%	89,300.00
363,675.00</						

ANALYSIS OF REVENUE & EXPENSE
Fiscal Year 2019/2020

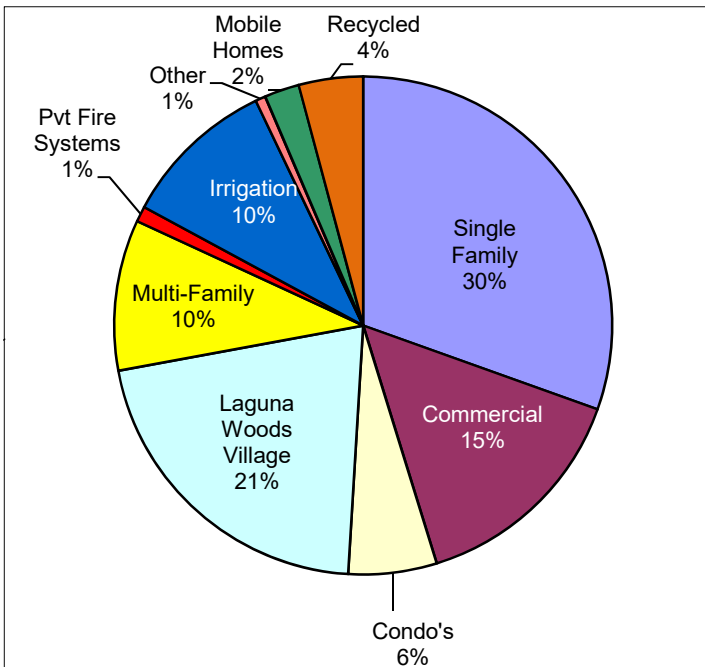
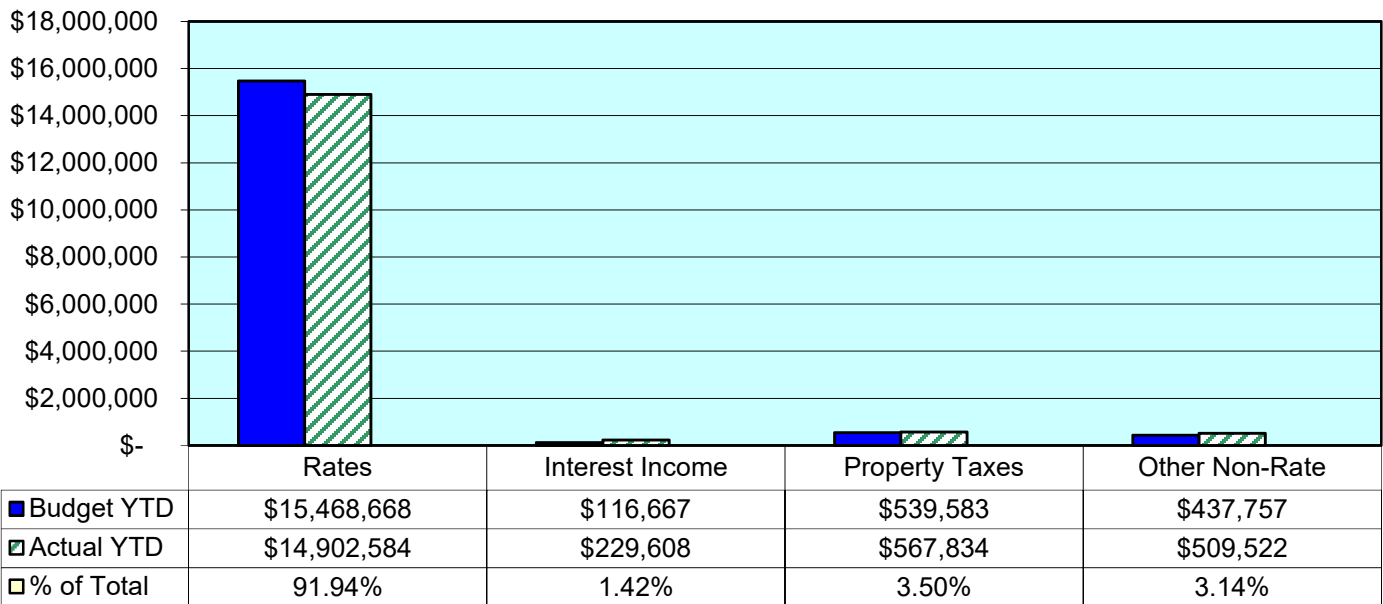


ANALYSIS OF REVENUES & EXPENSES
BUDGET COMPARED TO ACTUAL
FISCAL YEAR 2019/2020

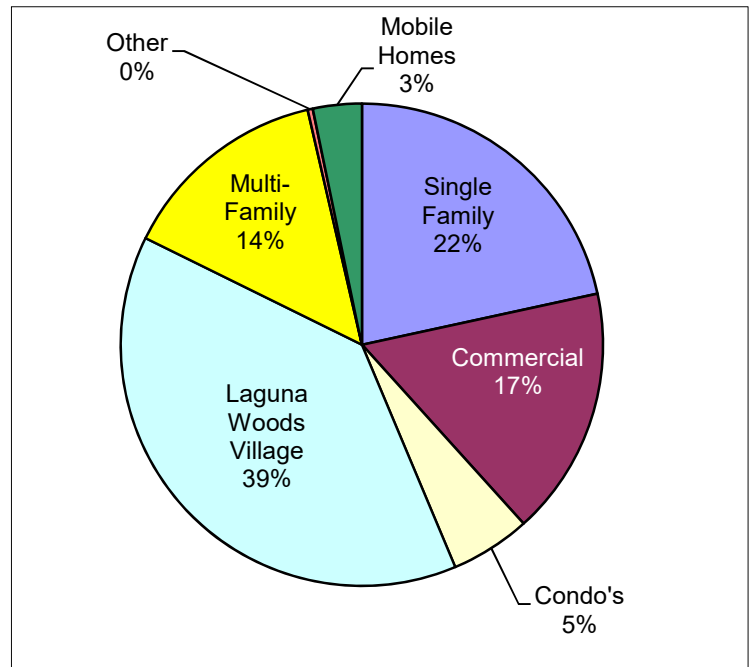
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Budget												
Revenue	2,586,223	2,665,941	2,431,150	2,477,021	2,207,515	2,157,163	2,037,661					
Expense	2,514,586	2,568,034	2,410,622	2,441,375	2,260,690	2,226,932	2,146,813					
Profit/Loss	71,637	97,908	20,528	35,646	(53,174)	(69,769)	(109,153)	0	0	0	0	0
Actual												
Revenue	2,510,117	2,623,770	2,383,674	2,549,780	2,232,142	2,065,618	1,844,446					
Expense	2,146,058	2,388,030	2,454,694	2,236,133	2,213,388	1,997,714	2,344,156					
Profit/Loss	364,059	235,739	(71,020)	313,647	18,754	67,904	(499,710)	0	0	0	0	0

EL TORO WATER DISTRICT REVENUES FROM WATER & WASTE WATER SALES AS OF 1/31/20

Where the Money Comes From



WATER REVENUE YTD 2019/2020



WASTE WATER REVENUE YTD 2019/2020

**EL TORO WATER DISTRICT
REVENUE COMPARISON
For the Month Ended January 31, 2020**

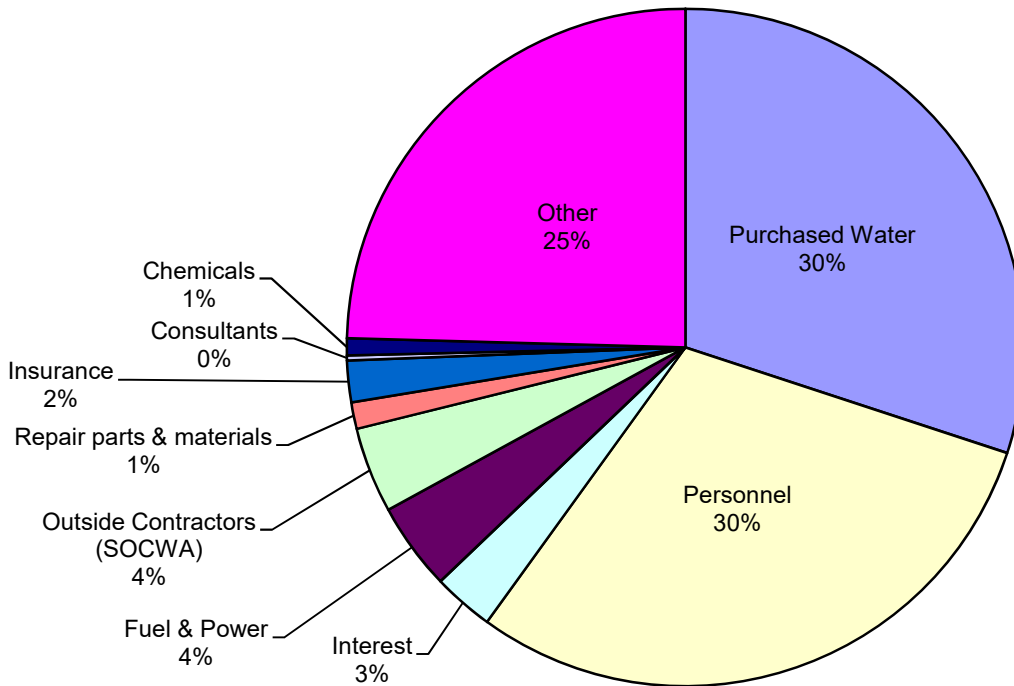
	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	BUDGET	REMAINING BUDGET
<u>From Rates</u>										
Capital Facilities Charge	\$ 251,252	\$ 251,221	\$ 31	0%	\$ 1,754,419	\$ 1,758,549	\$ (4,131)	0%	\$ 3,014,656	\$ 1,260,237
Water sales - Commodity	422,348	554,026	(131,678)	-24%	5,458,227	5,826,130	(367,903)	-6%	9,356,441	3,898,214
Water sales - Fixed Meter	307,165	301,792	5,373	2%	2,119,389	2,112,544	6,845	0%	3,621,504	1,502,115
Waste water sales	633,382	647,917	(14,535)	-2%	4,530,052	4,535,417	(5,365)	0%	7,775,000	3,244,948
Recycled water tertiary sales	13,351	99,859	(86,508)	-87%	895,369	1,050,115	(154,746)	-15%	1,686,426	791,057
Service charge - Recycled water	21,452	26,559	(5,107)	-19%	145,128	185,912	(40,784)	-22%	318,707	173,579
TOTAL FROM RATES	1,648,950	1,881,374	(232,424)	-12%	14,902,584	15,468,668	(566,084)	-4%	25,772,734	10,870,150
<u>Non-rate Revenue</u>										
Admin fee	4,450	1,600	2,850	178%	18,752	11,200	7,552	67%	19,200	448
48 Hour notice fee	2,010	2,451	(441)	-18%	14,205	17,160	(2,955)	-17%	29,416.44	15,211
Restoration fee	440	370	70	19%	1,950	2,590	(640)	-25%	4,440	2,490
Unpaid check fee	135	150	(15)	-10%	985	1,050	(65)	-6%	1,800	815
Cut lock fee	100	12	88	733%	100	84	16	19%	144	44
TOTAL NON-RATE	7,135	4,583	2,551	56%	35,992	32,084	3,909	12%	55,000	19,008
<u>Other Revenue</u>										
Interest	29,584	16,667	12,917	78%	229,608	116,667	112,941	97%	200,000	(29,608)
Change FMV Investment	3,264	-	3,264	0%	17,067	-	17,067	0%	-	(17,067)
Property taxes	94,785	77,083	17,702	23%	567,834	539,583	28,250	5%	925,000	357,166
Other	60,729	46,667	14,061	30%	345,277	326,667	18,610	6%	560,000	214,723
TOTAL OTHER REVENUE	188,362	140,417	47,945	34%	1,159,786	982,917	176,869	18%	1,685,000	525,214
<u>Contract Service</u>										
Santa Margarita W. D.	-	9,333	(9,333)	-100%	90,808	65,333	25,474	39%	112,000	21,192
Moulton Niguel W. D.	-	1,953	(1,953)	-100%	20,377	13,673	6,704	49%	23,440	3,063
TOTAL CONTRACT SERVICES	-	11,287	(11,287)	-100%	111,185	79,007	32,179	41%	135,440	24,255
 TOTAL REVENUE	 \$ 1,844,446	 \$ 2,037,661	 \$ (193,215)	 -9%	 \$ 16,209,547	 \$ 16,562,674	 \$ (353,127)	 -2%	 \$ 27,648,174	 \$ 11,438,627

**EL TORO WATER DISTRICT
NON-RATE REVENUE ANALYSIS
FOR THE MONTH ENDING January 31, 2020**

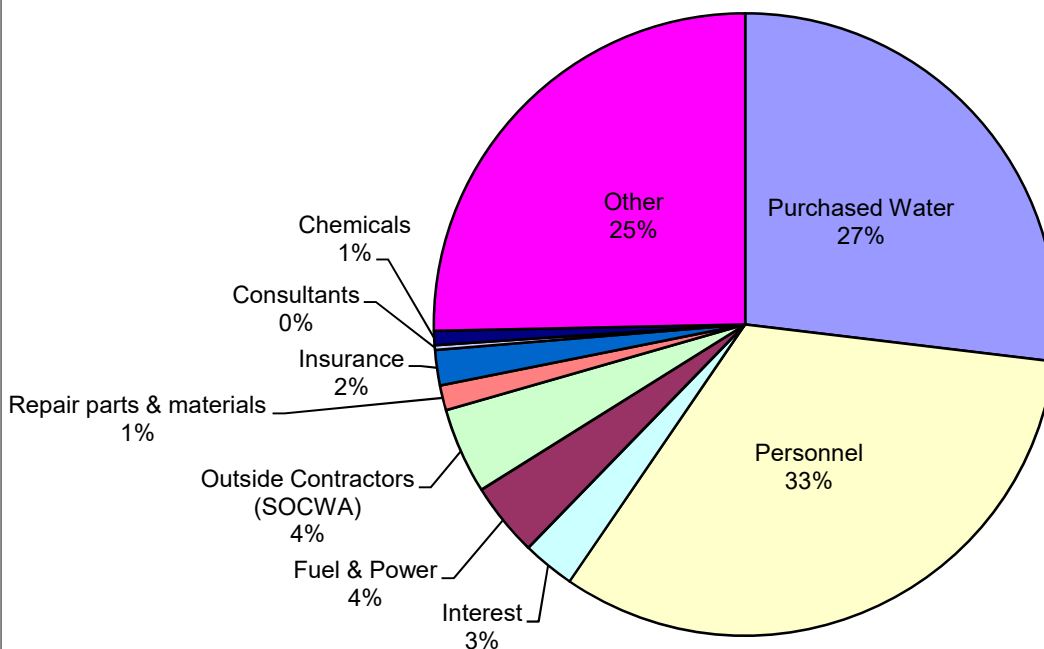
	Jan-20 Actual	Jan-20 Budget	Jul 19- Jan 20 YTD Actual	Jul 19- Jan 20 YTD Budget
Site Leases	16,372	19,167	133,851	134,167
MWD Recycled Water LRP Rebate	27,000	25,833	190,250	180,833
JPIA Refund		-	-	-
SOCWA Refund	17,357	-	17,357	-
Recycled Metal		-	1,473	-
Diesel Fuel Tax Refund	-	-	71	-
Misc Work for Customers	-	1,667	2,275	11,667
	<u>\$ 60,729</u>	<u>\$ 46,667</u>	<u>\$ 345,277</u>	<u>\$ 326,667</u>
Other Operating Income				
Sales to Santa Margarita	-		-	
Sales to Moulton Niguel	-		-	
	<u>-</u>		<u>-</u>	
Total	<u>60,729</u>		<u>345,277</u>	

WHERE THE MONEY GOES

YTD EXPENSES AT 1/31/20



EXPENSES YEAR ENDING 6/30/19



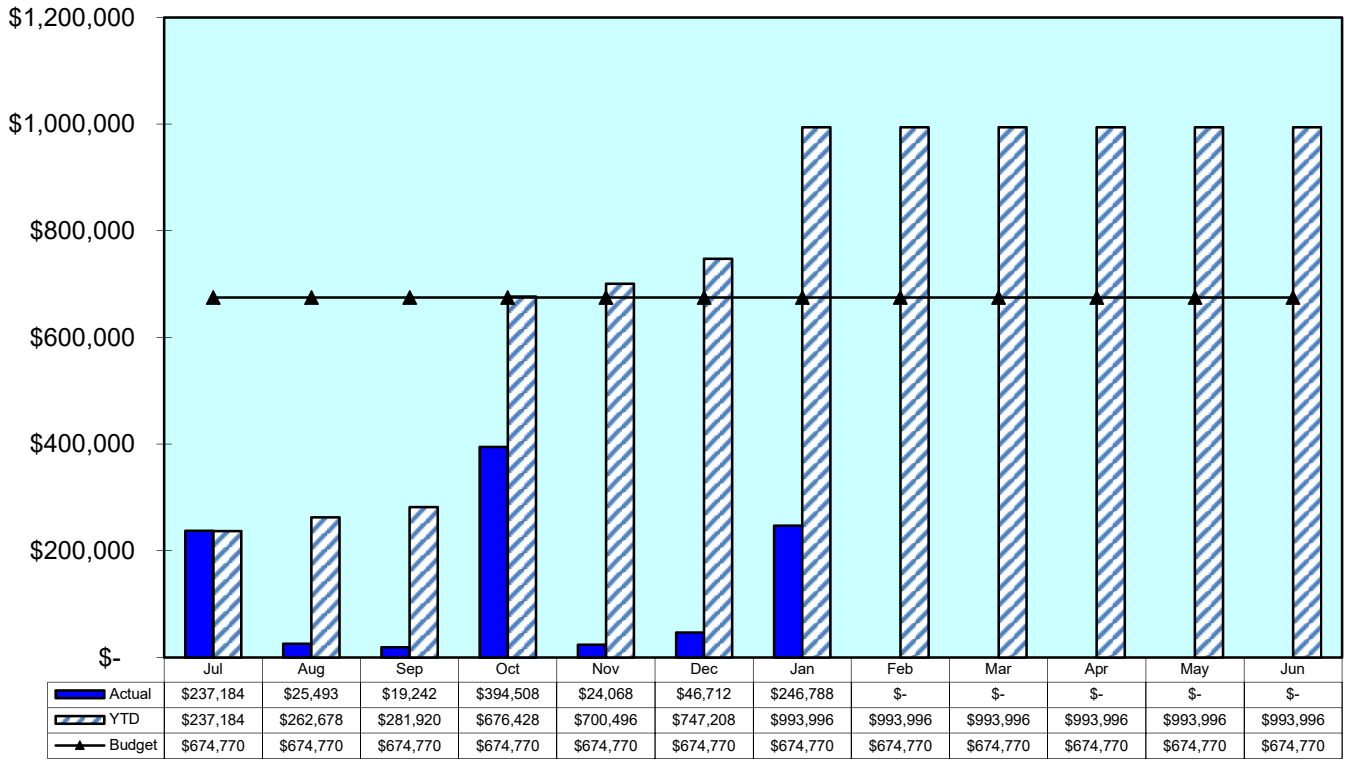
EL TORO WATER DISTRICT
Expense Comparison
For the Month Ended January 31, 2020

	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	Annual BUDGET	REMAINING BUDGET
<u>Operating Expenses</u>										
Personnel cost	\$790,609	\$712,174	(\$78,436)	-11%	\$4,719,828	\$4,985,215	\$265,387	5%	\$8,546,083	3,826,255
Purchased water	679,387	491,590	(187,797)	-38%	4,742,055	4,982,489	240,434	5%	8,041,949	3,299,894
Electrical power	85,004	93,783	8,779	9%	658,236	656,483	(1,752)	0%	1,125,400	467,164
Repair parts & materials	20,635	35,861	15,226	42%	200,202	251,027	50,824	20%	430,332	230,130
Equipment repairs & maintenance	11,919	10,260	(1,659)	-16%	69,449	71,823	2,373	3%	123,125	53,676
Pump repairs & maintenance	0	9,483	9,483	100%	51,333	66,383	15,050	23%	113,800	62,467
Motor repairs & maintenance	0	2,192	2,192	100%	8,731	15,342	6,611	43%	26,300	17,569
Electrical repairs & maintenance	1,339	5,971	4,632	78%	14,547	41,796	27,249	65%	71,650	57,103
Meter repairs & maintenance	0	667	667	100%	460	4,667	4,207	90%	8,000	7,540
Chemicals	6,284	17,450	11,166	64%	127,221	122,150	(5,071)	-4%	209,400	82,179
Structure repairs & maintenance	10,530	2,524	(8,006)	-317%	31,456	17,666	(13,790)	-78%	30,284	(1,172)
Asphalt repairs & maintenance	5,280	7,717	2,437	32%	41,753	54,017	12,264	23%	92,600	50,847
Consultants - outside	5,010	5,317	307	6%	38,178	37,217	(961)	-3%	63,800	25,622
Contractors - outside	91,738	101,658	9,921	10%	645,806	711,608	65,803	9%	1,219,900	574,094
Engineers - outside	9,659	6,333	(3,325)	-53%	58,894	44,333	(14,561)	-33%	76,000	17,106
Dump fees	69	1,333	1,265	95%	4,650	9,333	4,683	50%	16,000	11,350
Laboratories	1,833	2,992	1,158	39%	21,001	20,942	(59)	0%	35,900	14,899
License & permits	1,997	12,533	10,536	84%	94,533	87,729	(6,804)	-8%	150,393	55,860
Automotive fuel & oil	7,659	7,917	258	3%	63,577	55,417	(8,160)	-15%	95,000	31,423
Equipment rental	451	1,675	1,224	73%	8,304	11,725	3,421	29%	20,100	11,796
Landscaping	21,949	12,273	(9,676)	-79%	66,032	85,910	19,878	23%	147,275	81,243
Small tools & equipment	1,480	5,833	4,354	75%	42,534	40,833	(1,701)	-4%	70,000	27,466
Security	1,595	1,588	(7)	0%	11,171	11,115	(56)	0%	19,055	7,884
Operating supplies	5,395	4,333	(1,062)	-25%	29,212	30,333	1,121	4%	52,000	22,788
Safety equipment	3,785	1,692	(2,094)	-124%	10,556	11,842	1,286	11%	20,300	9,744
Temporary help	0	3,042	3,042	100%	0	21,292	21,292	100%	36,500	36,500
Other employee cost	1,896	7,442	5,546	75%	64,299	52,092	(12,207)	-23%	89,300	25,001
Employee service awards	150	317	167	53%	2,329	2,217	(112)	-5%	3,800	1,471
Education & training	1,543	3,583	2,040	57%	19,644	25,083	5,439	22%	43,000	23,356
Total Operating Expenses	1,767,195	1,569,532	(197,663)	-13%	11,845,991	12,528,078	682,087	5%	20,977,246	9,131,255

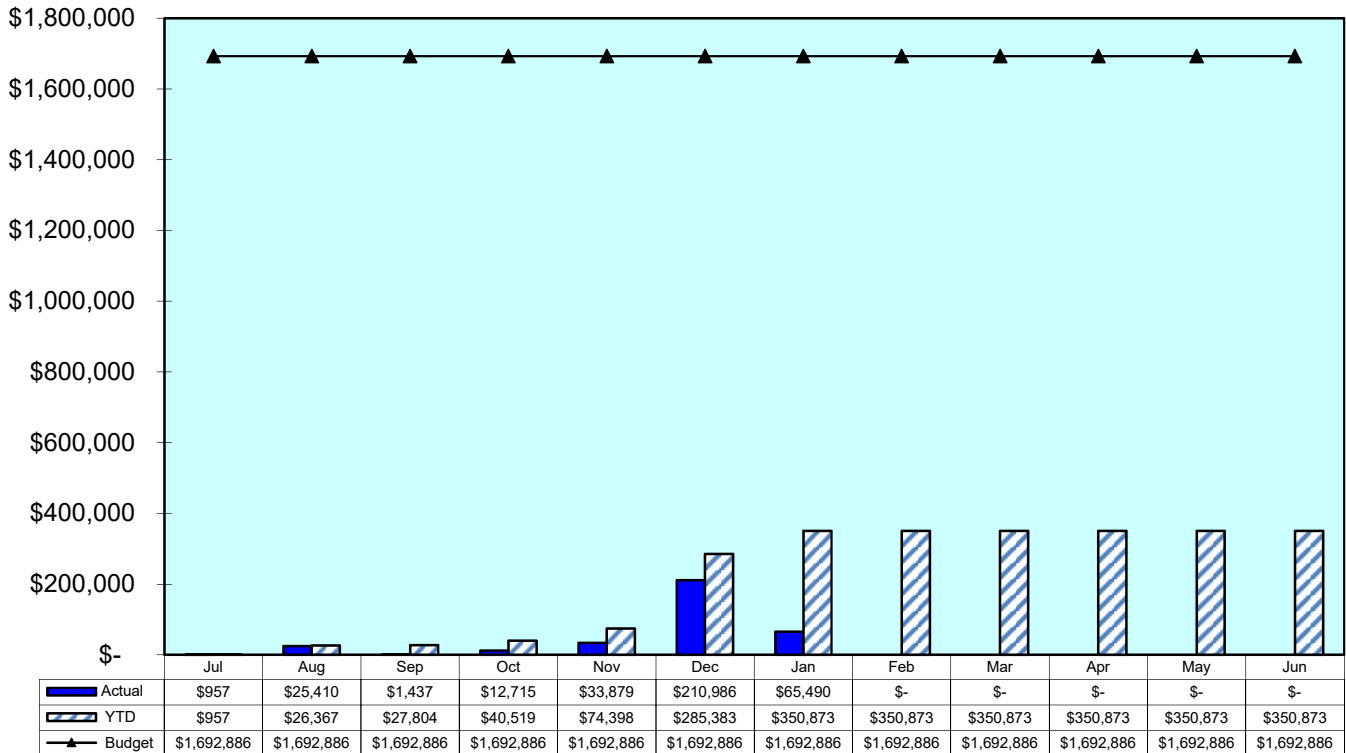
EL TORO WATER DISTRICT
Expense Comparison
For the Month Ended January 31, 2020

	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	Annual BUDGET	REMAINING BUDGET
<u>Indirect Cost</u>										
Depreciation	363,675	372,500	8,825	2%	2,545,725	2,607,500	61,775	2%	4,470,000	1,924,275
Amortization	570	571	0	0%	3,993	3,996	2	0%	6,850	2,857
Insurance	45,582	46,480	898	2%	311,937	325,357	13,420	4%	557,755	245,818
Retiree Medical Insurance	0	0	0	0%	0	0	0	0%	0	0
Data processing supplies & assc.	4,927	1,917	(3,010)	-157%	20,598	13,417	(7,182)	-54%	23,000	2,402
Data processing equipment	0	3,000	3,000	100%	21,118	21,000	(118)	-1%	36,000	14,882
Data processing consultants	1,800	6,250	4,450	71%	23,772	43,750	19,978	46%	75,000	51,228
Software maintenance & licenses	8,115	13,750	5,635	41%	58,423	96,250	37,827	39%	165,000	106,577
Janitorial	3,650	2,817	(833)	-30%	22,030	19,717	(2,314)	-12%	33,800	11,770
Printing & reproduction	0	1,500	1,500	100%	5,789	10,500	4,711	45%	18,000	12,211
Publications & subscriptions	0	250	250	100%	154	1,750	1,597	91%	3,000	2,847
Communications - voice	1,422	3,333	1,912	57%	12,339	23,333	10,994	47%	40,000	27,661
Communications - data	4,716	3,289	(1,427)	-43%	32,162	23,024	(9,138)	-40%	39,470	7,308
Communications - mobile	6,100	2,173	(3,928)	-181%	20,950	15,208	(5,743)	-38%	26,070	5,120
Utilities	2,032	1,583	(448)	-28%	11,767	11,083	(684)	-6%	19,000	7,233
Total Indirect Cost	442,588	459,412	16,824	4%	3,090,758	3,215,885	125,127	4%	5,512,945	2,422,187
<u>Overhead Cost</u>										
Annual events	47	500	453	91%	5,136	3,500	(1,636)	-47%	6,000	864
Audit	0	2,500	2,500	100%	22,500	17,500	(5,000)	-29%	30,000	7,500
Bad debts	-	1,667	1,667	100%	4,907	11,667	6,760	58%	20,000	15,093
Bank charges	5,101	4,750	(351)	-7%	34,260	33,250	(1,010)	-3%	57,000	22,740
Directors fees	10,293	9,167	(1,126)	-12%	68,009	64,167	(3,842)	-6%	110,000	41,991
Dues & memberships	10,404	7,783	(2,621)	-34%	52,546	54,478	1,931	4%	93,390	40,844
Election Expense	0	0	0	0%	0	0	0	0%	0	0
Interest	65,622	60,963	(4,659)	-8%	459,351	426,742	(32,610)	-8%	731,557	272,206
Legal	28,580	8,333	(20,247)	-243%	88,003	58,333	(29,669)	-51%	100,000	11,997
Meetings, conventions & travel	482	3,250	2,768	85%	23,113	22,750	(363)	-2%	39,000	15,887
Meets, con & travel - Directors	2,074	2,474	400	16%	17,366	17,319	(47)	0%	29,690	12,324
Office supplies	1,275	1,650	375	23%	12,717	11,550	(1,167)	-10%	19,800	7,083
Postage	199	1,708	1,509	88%	2,354	11,958	9,605	80%	20,500	18,146
Property taxes	107	458	351	77%	3,870	3,208	(661)	-21%	5,500	1,630
Advertising & Publicity	0	167	167	100%	560	1,167	607	52%	2,000	1,440
Public education & outreach	10,189	12,500	2,311	18%	48,733	87,500	38,767	44%	150,000	101,267
Total Overhead Cost	134,373	117,870	(16,503)	-14%	843,424	825,088	(18,336)	-2%	1,414,437	571,013
TOTAL EXPENSES	\$2,344,156	\$2,146,813	(\$197,342)	-9%	\$15,780,173	\$16,569,051	\$788,878	5%	\$27,904,628	\$12,124,455

CAPITAL COST ANALYSIS - EQUIPMENT 01/20



CAPITAL COST ANALYSIS - PROJECTS 01/20





STAFF REPORT

TO: BOARD OF DIRECTORS

MEETING DATE: February 24, 2020

FROM: Dennis Cafferty, General Manager

SUBJECT: Board of Directors Benefits

At the January Finance Committee Staff provided a presentation regarding the benefits provided to the District's Board Members. The focus of the discussion was the consideration of adding medical insurance to the benefits provided to the District's Board Members. Staff was charged with further investigating the medical benefit option through the District's ACWA-JPIA medical insurance plan.

There are several individual components of the potential insurance coverage that staff evaluated. Staff consulted with ACWA-JPIA to ensure the form of any medical insurance benefit would not jeopardize the discount the District currently receives in the medical insurance for the District's employees. The important conclusion that came from that consultation is that any medical benefit offered to Board Members during their tenure on the Board must be consistent with the medical insurance offered to the employees. The critical components are summarized as follows.

Plan Options – At the January Finance Committee the Board determined that, should a medical benefit be provided to Board Members, the plan options would be the same as those offered to the District's employees. Those plans include a PPO option, an HMO option and a Kaiser option.

Dependents – The Board determined, at the January Finance Committee discussion, that dependents would not be included in any medical insurance option provided to Board Members. However, staff learned, through consultation with ACWA-JPIA, that a medical insurance benefit provided to the Board Members must be offered in the same manner as that offered to employees. The District cannot opt to exclude Board Members' dependents from the coverage.

Share of Premium Cost – As noted above, Staff has been advised by ACWA-JPIA that the share of the monthly premium cost borne by individual Board Members must be the same as that required of the District's employees. The medical premium cost allocated to the employees is described as follows.

PPO	10%
HMO	10%
Kaiser	5%

Post Employment Benefit - The Board determined that any medical insurance benefit will cease when a Board Member leaves the Board. Staff confirmed with ACWA-JPIA that said determination is acceptable.

Long Term Care - The current benefits offered to District Board Members includes a Long Term Care policy. Should the Board elect to add a medical insurance option, the Board will need to confirm whether or not the medical insurance will replace or be in addition to the Long Term Care benefit. The Board might also consider offering a choice of medical or the Long Term Care policy.

Cost Analysis

The current cost for the Long Term Care policy benefit for the Board Members is approximately \$15,000 per year. The annual cost of a medical insurance benefit will vary based on plan selection and any covered dependents for current or future Board Members.

The following cost analysis presents a range of potential costs depending on the variables described above. The following costs are based on the current premiums. The total cost to the District would be 5-10% less after allocating the premium share outlined above.

Monthly Premium Cost				Annual Premium Cost		
Plan	Single	Couple	Family	Single	Couple	Family
HMO	\$825.35	\$1,650.70	\$2,187.18	\$9,904	\$19,808	\$26,246
PPO	\$860.63	\$1,721.25	\$2,280.66	\$10,328	\$20,655	\$27,368
KAISER	\$640.65	\$1,264.30	\$1,781.93	\$7,688	\$15,172	\$21,383

Annual Premium Cost for Five Board Members

Plan	Single	Couple	Family
HMO	\$49,521	\$99,042	\$131,231
PPO	\$51,638	\$103,275	\$136,840
KAISER	\$38,439	\$75,858	\$106,916

Board Benefits Policy

Upon achieving an understanding of the consensus of the Board regarding direction for the benefits offered to the El Toro Water District Board Members Staff will prepare a draft Policy describing said benefits and bring the Policy to the Board for approval at a future Board Meeting.

The important questions which will allow staff to develop the draft policy include:

- Does the Board wish to include the medical insurance benefit?
- Will the medical insurance be in addition to Long Term Care, be a replacement for Long Term Care or be a choice in lieu of Long Term Care?

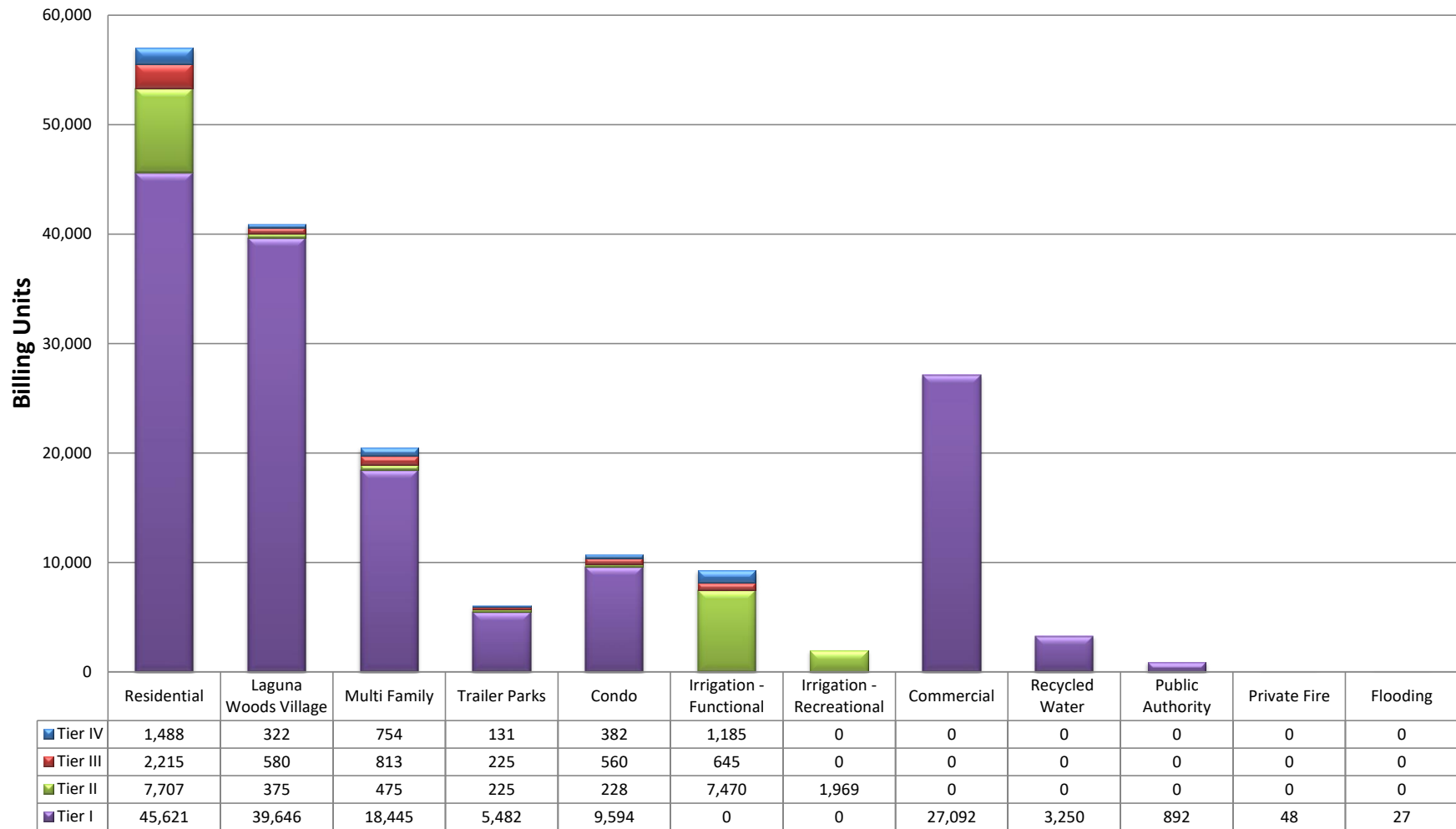


BUDGET SCHEDULE FY 2020/2021

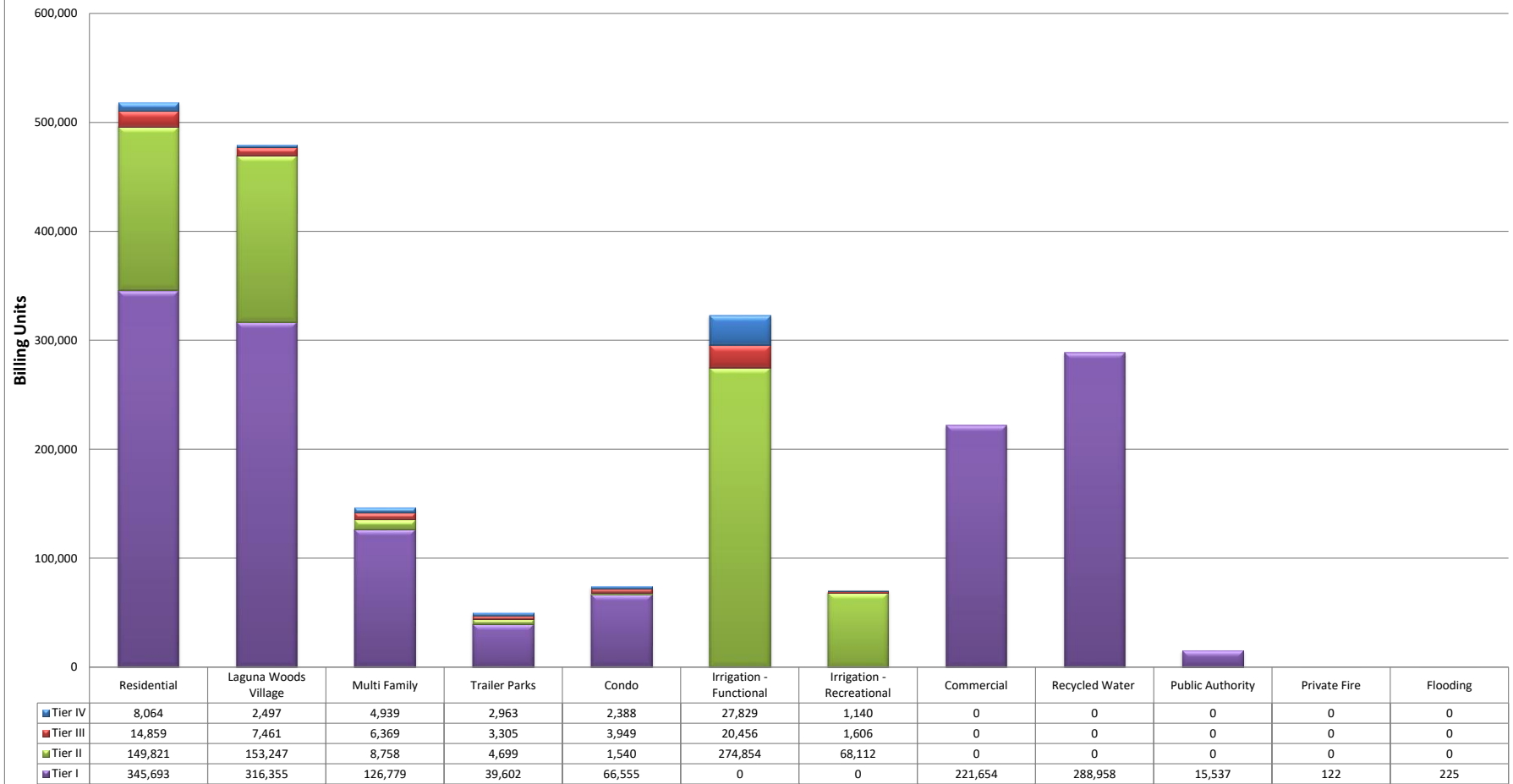
DESCRIPTION	DATE	DAY
Board Budget Committee #1	3/23/2020	Mon
Board Budget Committee #2	4/1/2020	Wed
Board Budget Workshop	4/16/2020	Thurs
E, F & I Budget Update	4/20/2020	Mon
Distribute Prop 218 Notice	5/4/2020	Mon
CAG	5/14/2020	Thurs
Publish Public Hearing Notice - Newspaper	6/1/2020	Mon
E, F & I Budget Update	6/22/2020	Mon
Conduct Public Hearing - Regular Board Meeting	6/25/2020	Thurs
Implement Board Action	7/1/2020	Wed

Note: Board Budget Committee #1, Committee #2, and Workshop are at 7:30 am

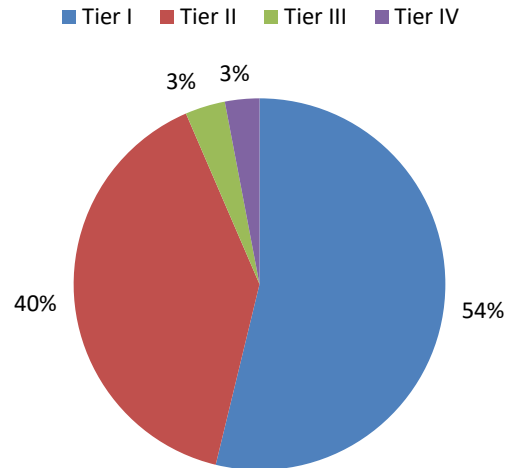
January 2020 Water Sales



Year-to-Date Water Sales as of January 2020

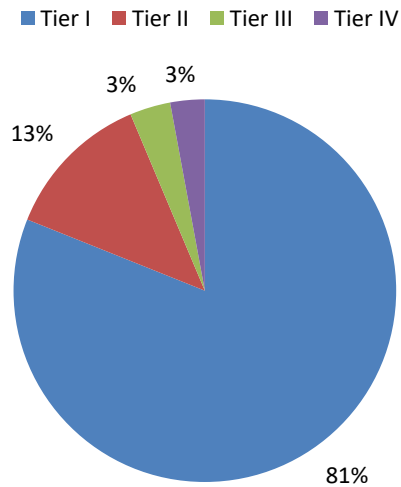


Year to Date Tiered Sales As of January 2020



Year To Date Sales in ccf		
Tier I	894,984	53.79%
Tier II	661,031	39.73%
Tier III	58,005	3.49%
Tier IV	49,820	2.99%
	1,663,840	100.00%

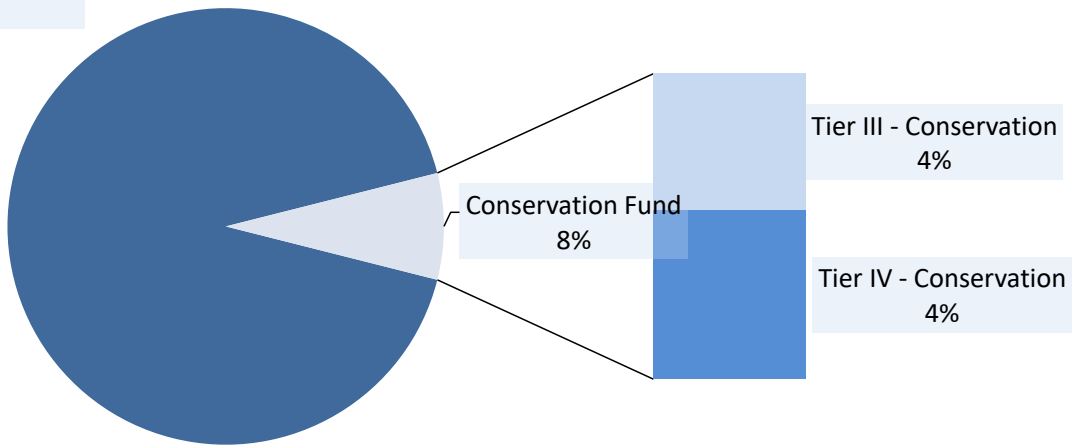
January 2020 Tiered Sales



Current Month Sales in ccf		
Tier I	118,788	81.06%
Tier II	18,449	12.59%
Tier III	5,038	3.44%
Tier IV	4,262	2.91%
	146,537	100.00%

Year to Date Water Sales as of January 2020

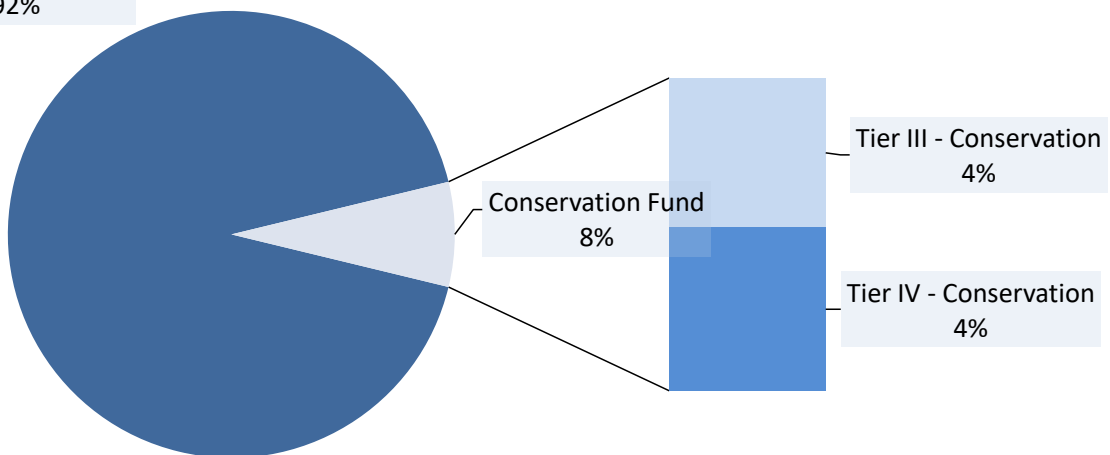
Water Delivery Cost
92%



Category	Billings	Percentage
Water Delivery Cost	\$4,601,874.47	92.13%
Tier III - Conservation	\$176,335.20	3.53%
Tier IV - Conservation	\$216,845.08	4.34%
	\$4,995,054.75	100.00%

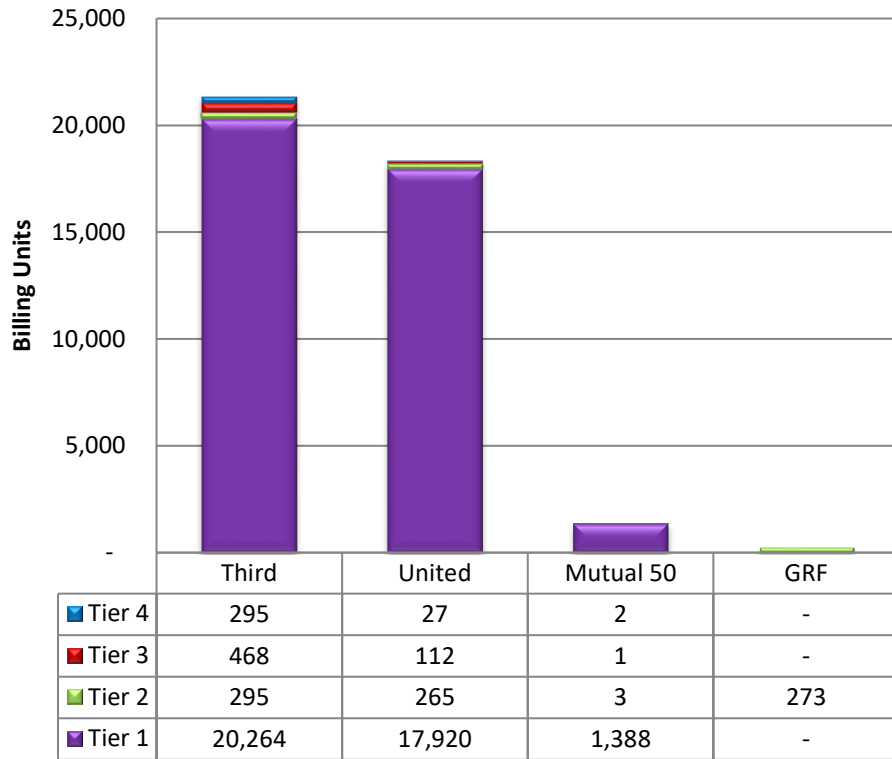
January 2020 Water Sales

Water Delivery Cost
92%

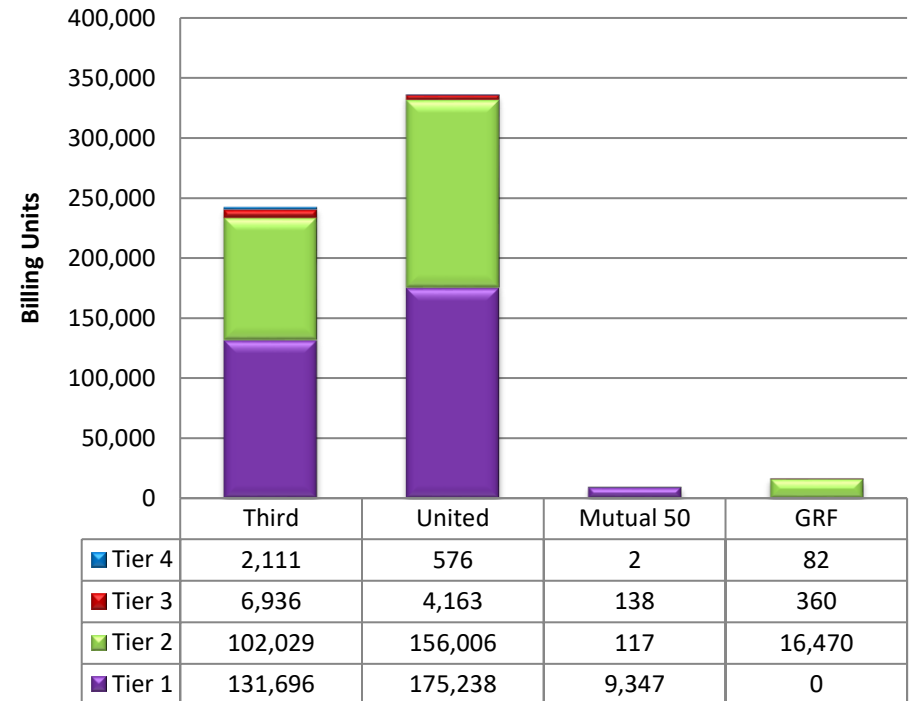


Category	Billings	Percentage
Water Delivery Cost	\$390,991.59	92.44%
Tier III - Conservation	\$15,315.52	3.62%
Tier IV - Conservation	\$16,682.98	3.94%
	\$422,990.09	100.00%

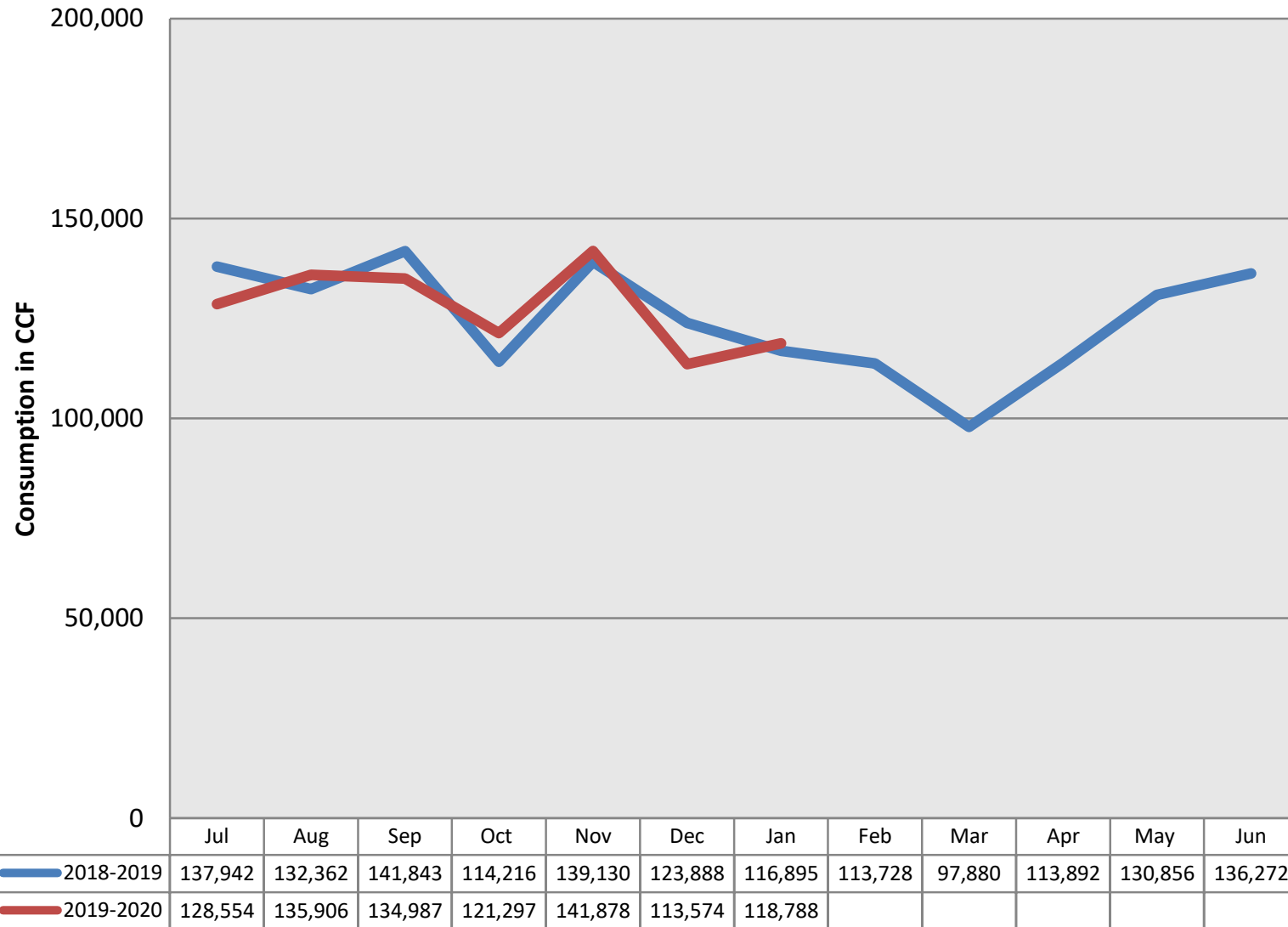
Laguna Woods Village January 2020 Water Sales



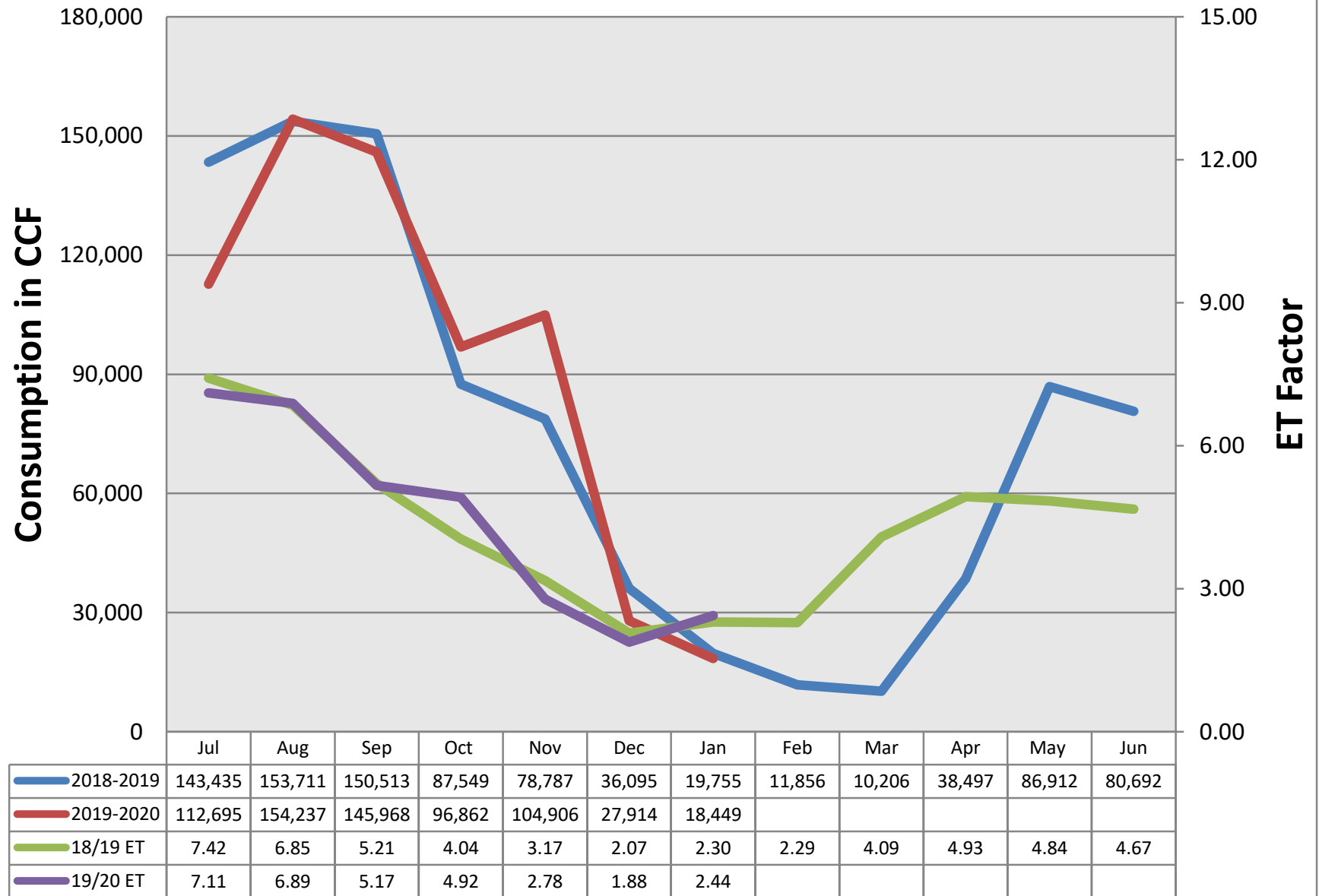
Laguna Woods Village Year-to-Date Water Sales January 2020



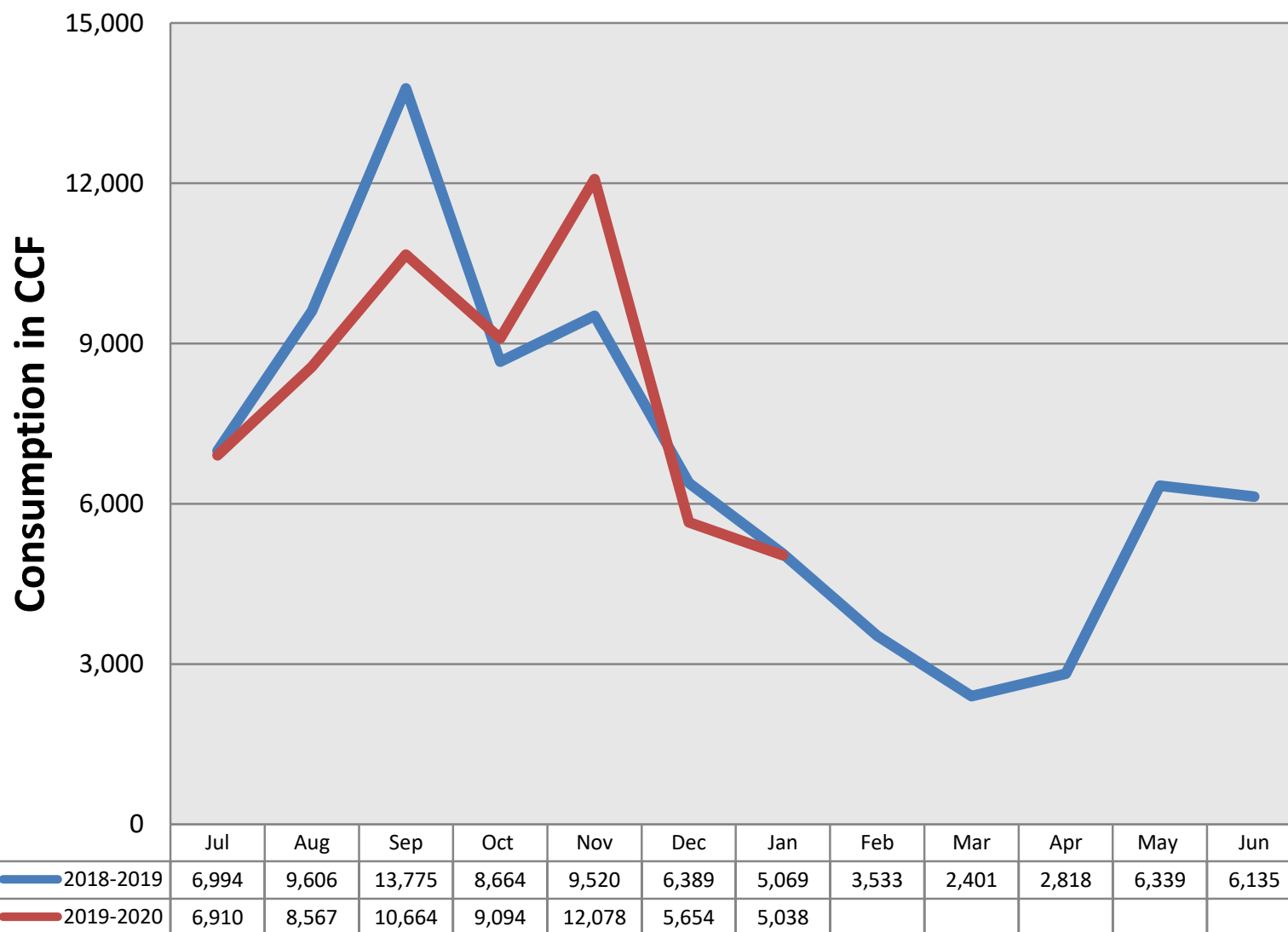
Tier I Consumption



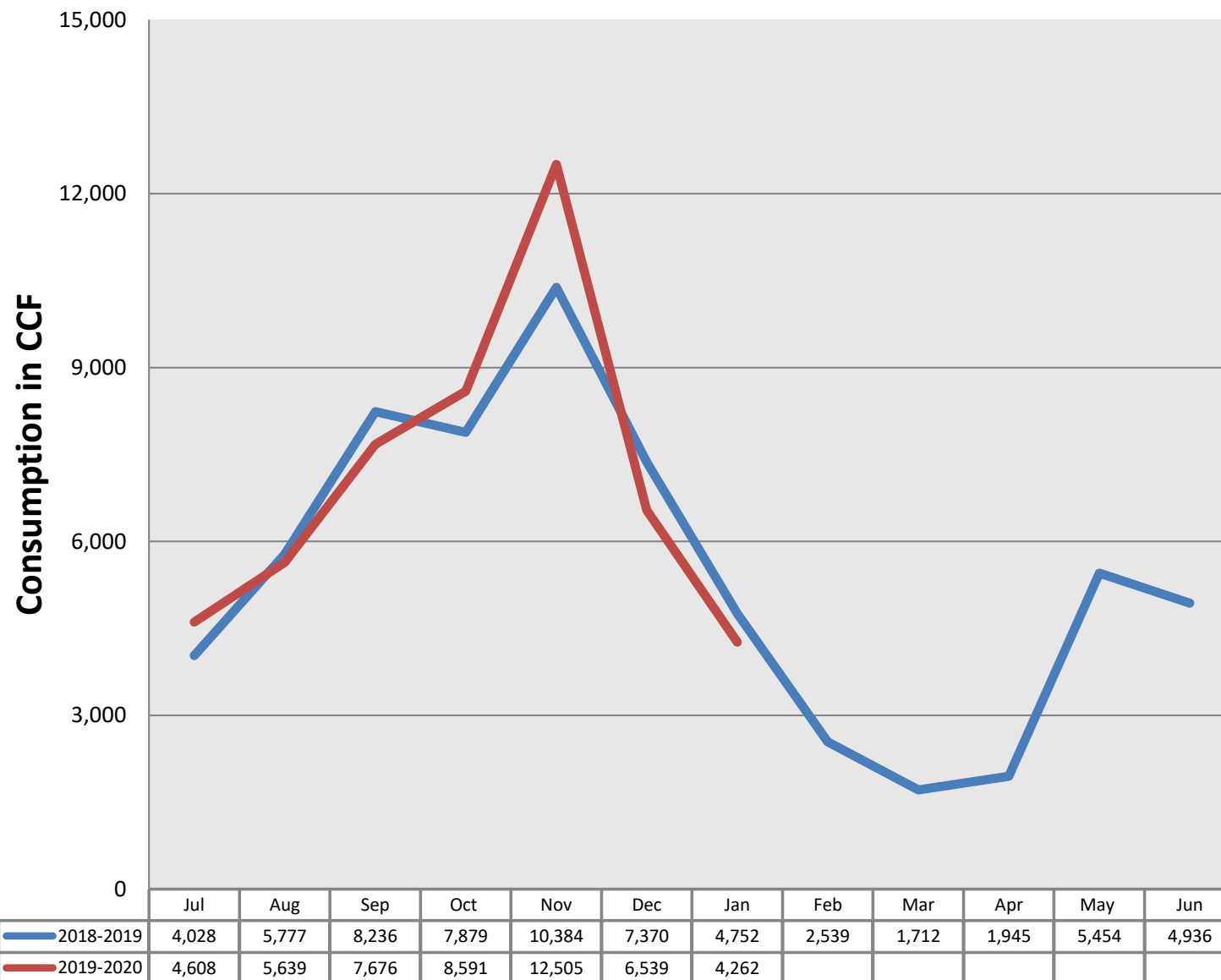
Tier II Consumption



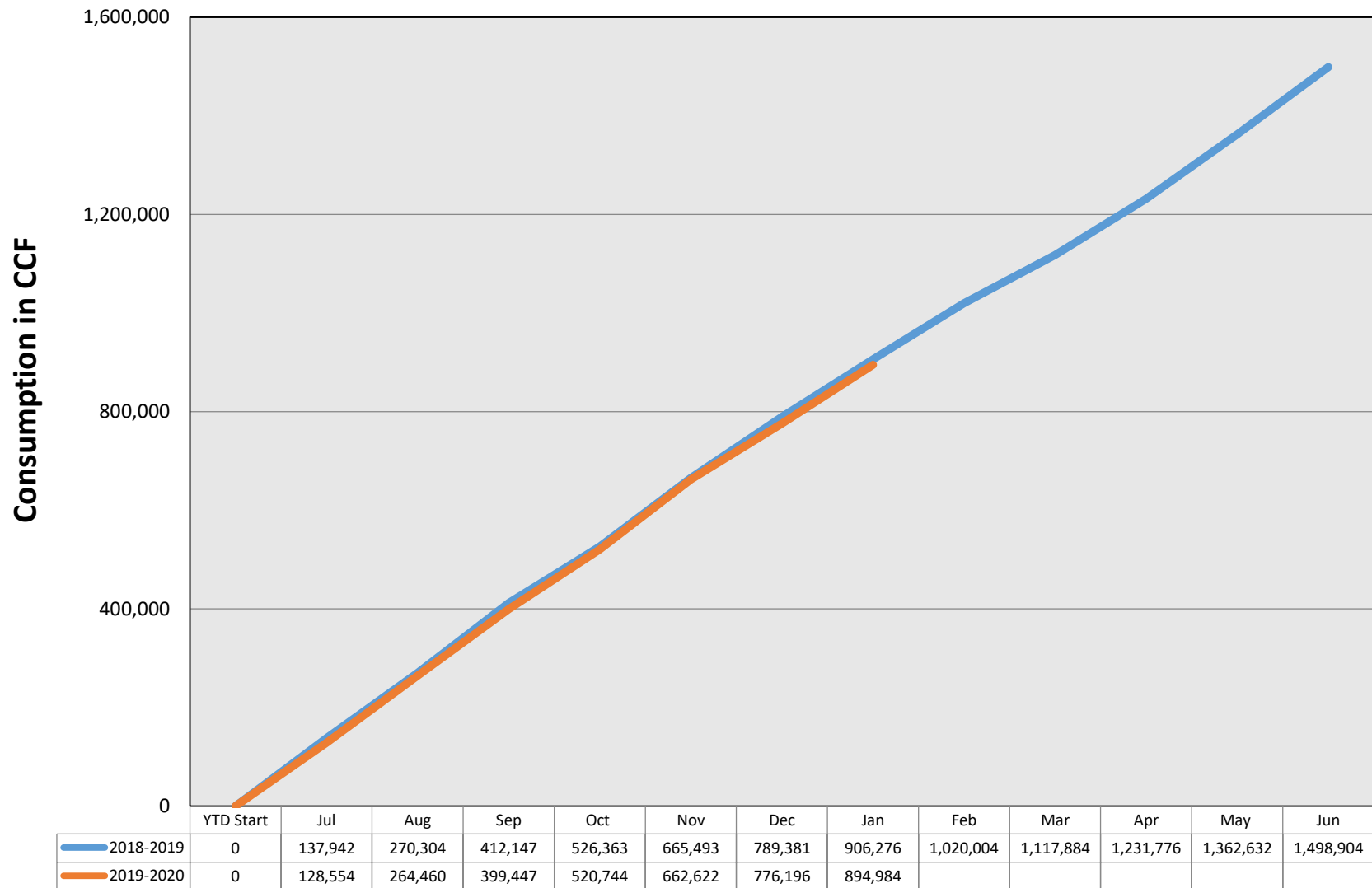
Tier III Consumption



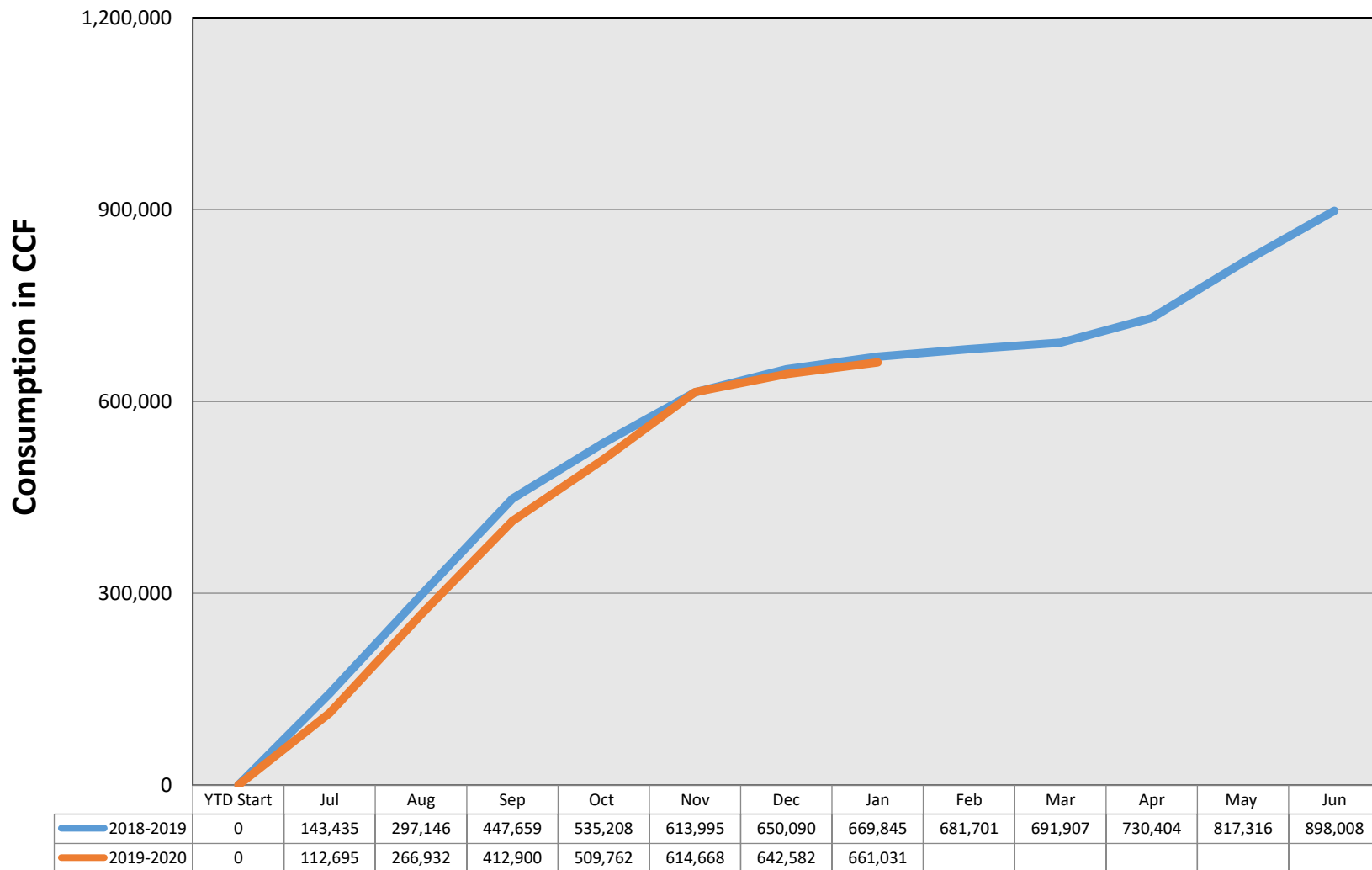
Tier IV Consumption



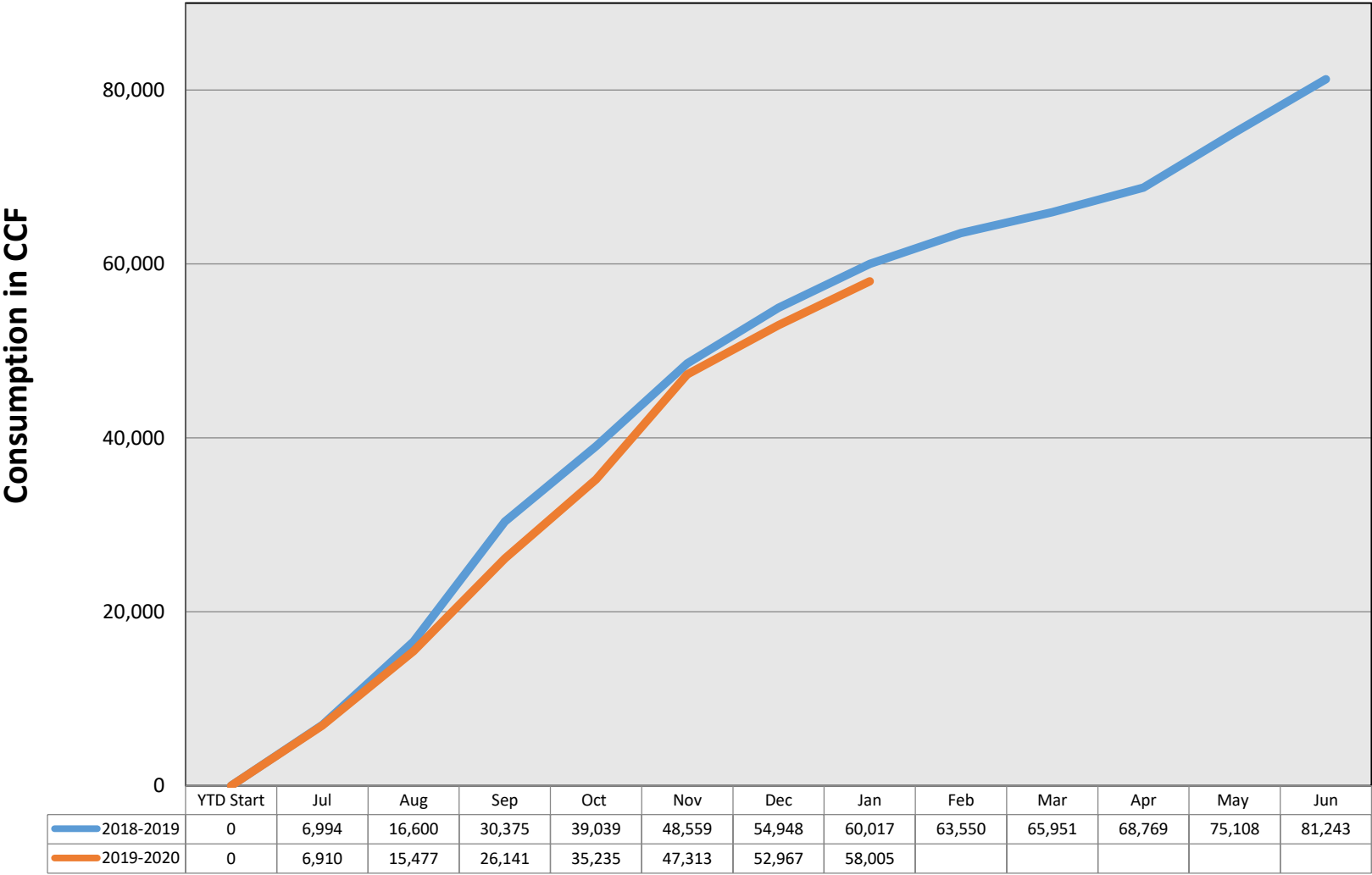
Tier I YTD Consumption



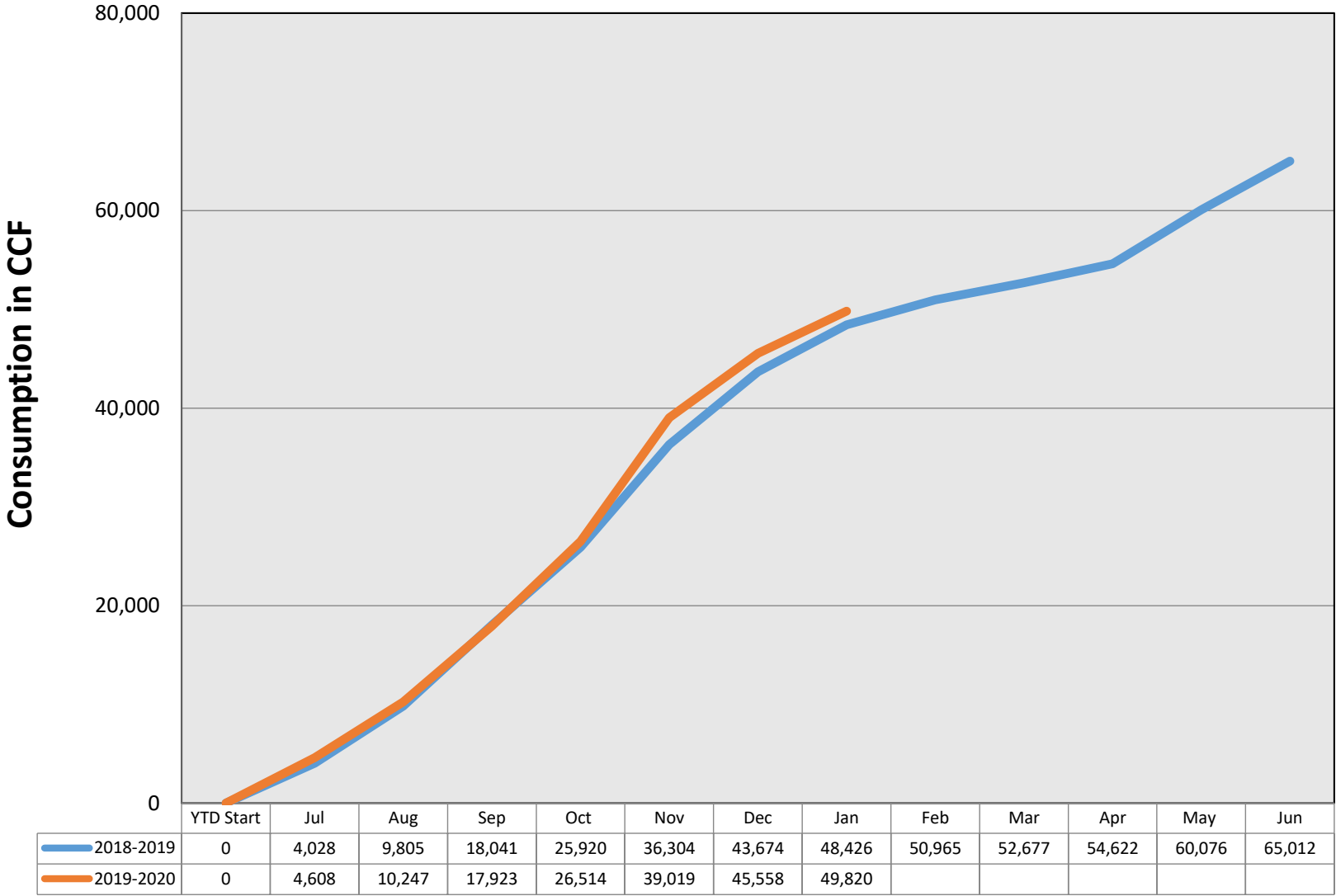
Tier II YTD Consumption



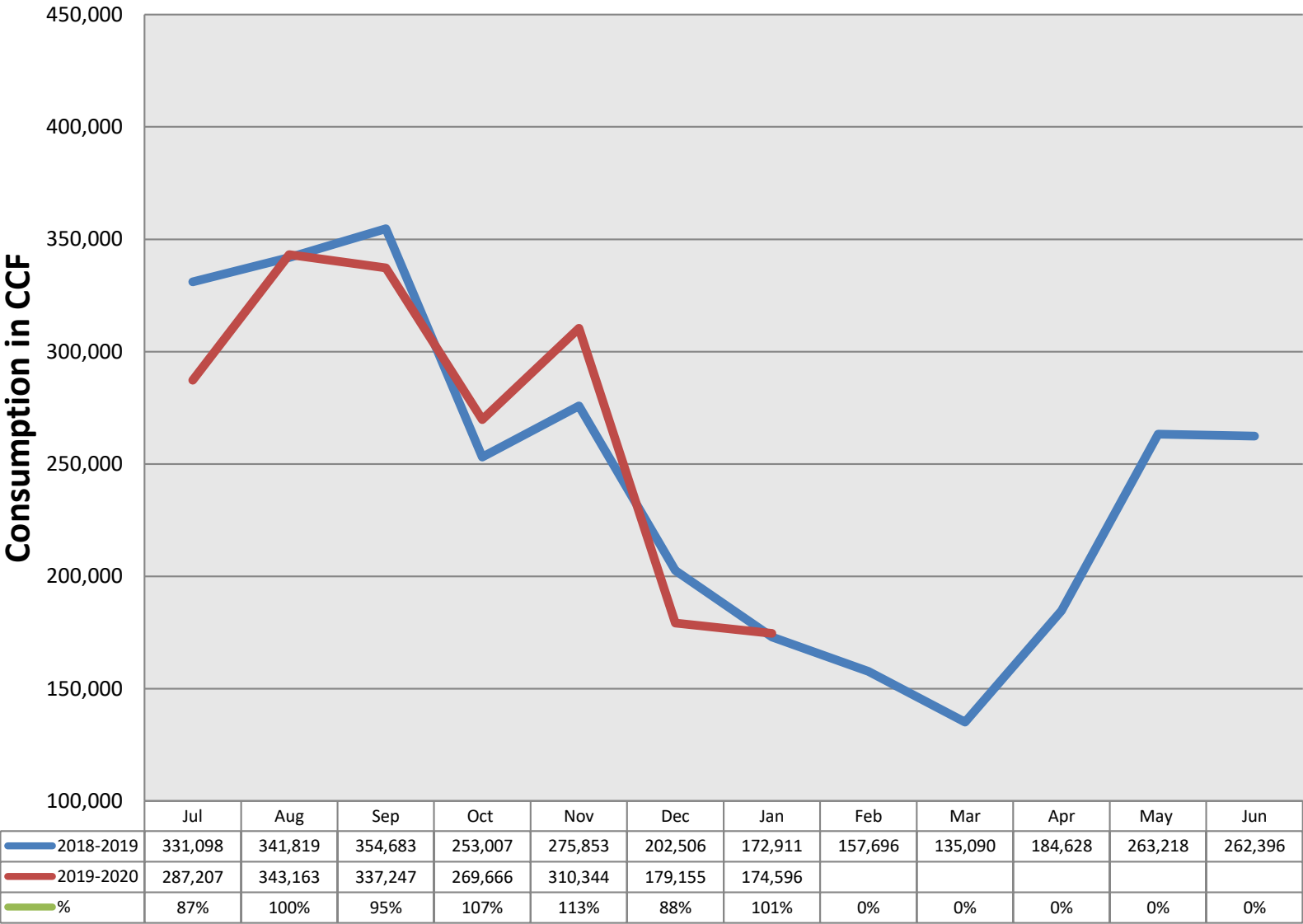
Tier III YTD Consumption



Tier IV YTD Consumption



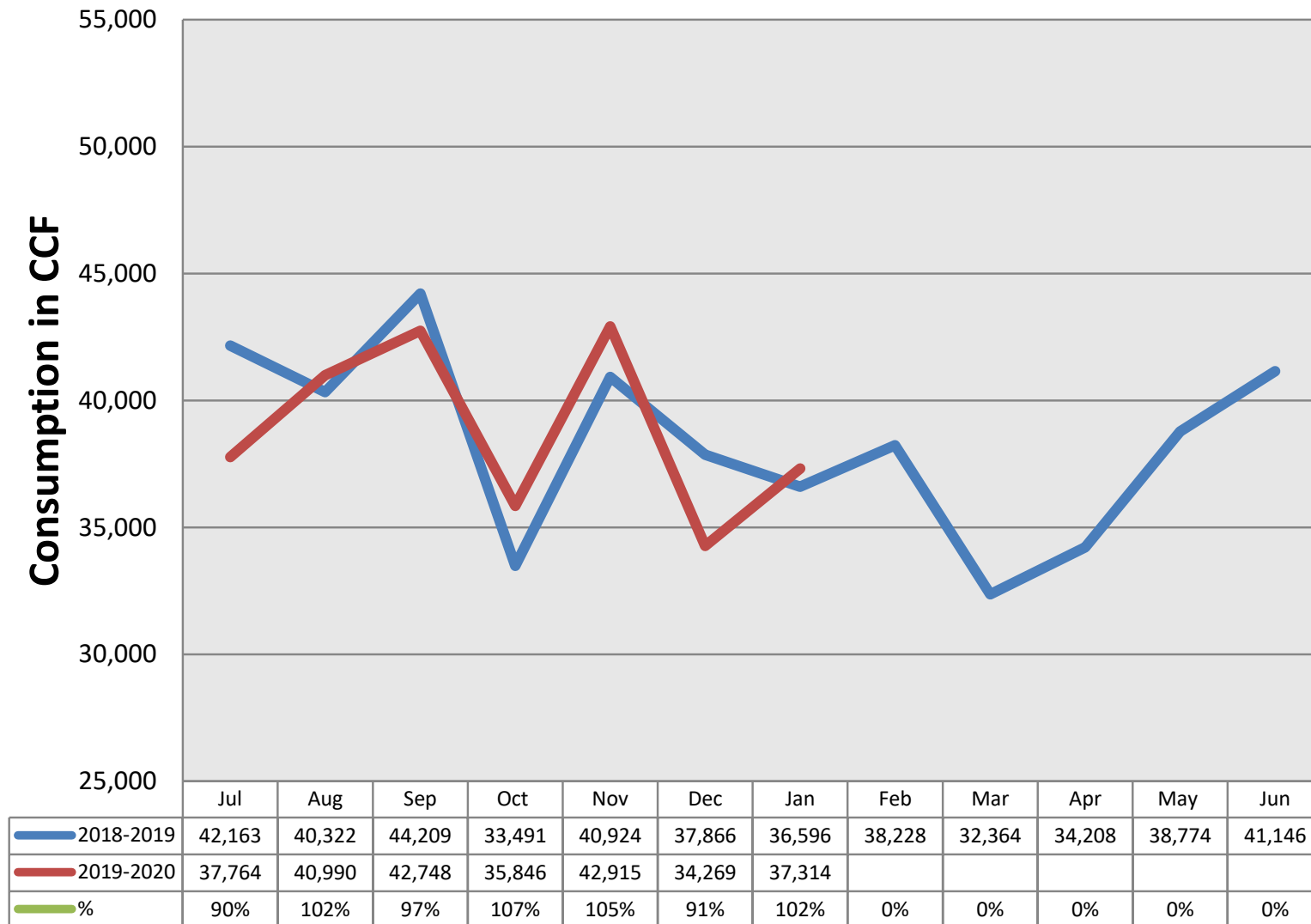
ETWD Total Consumption



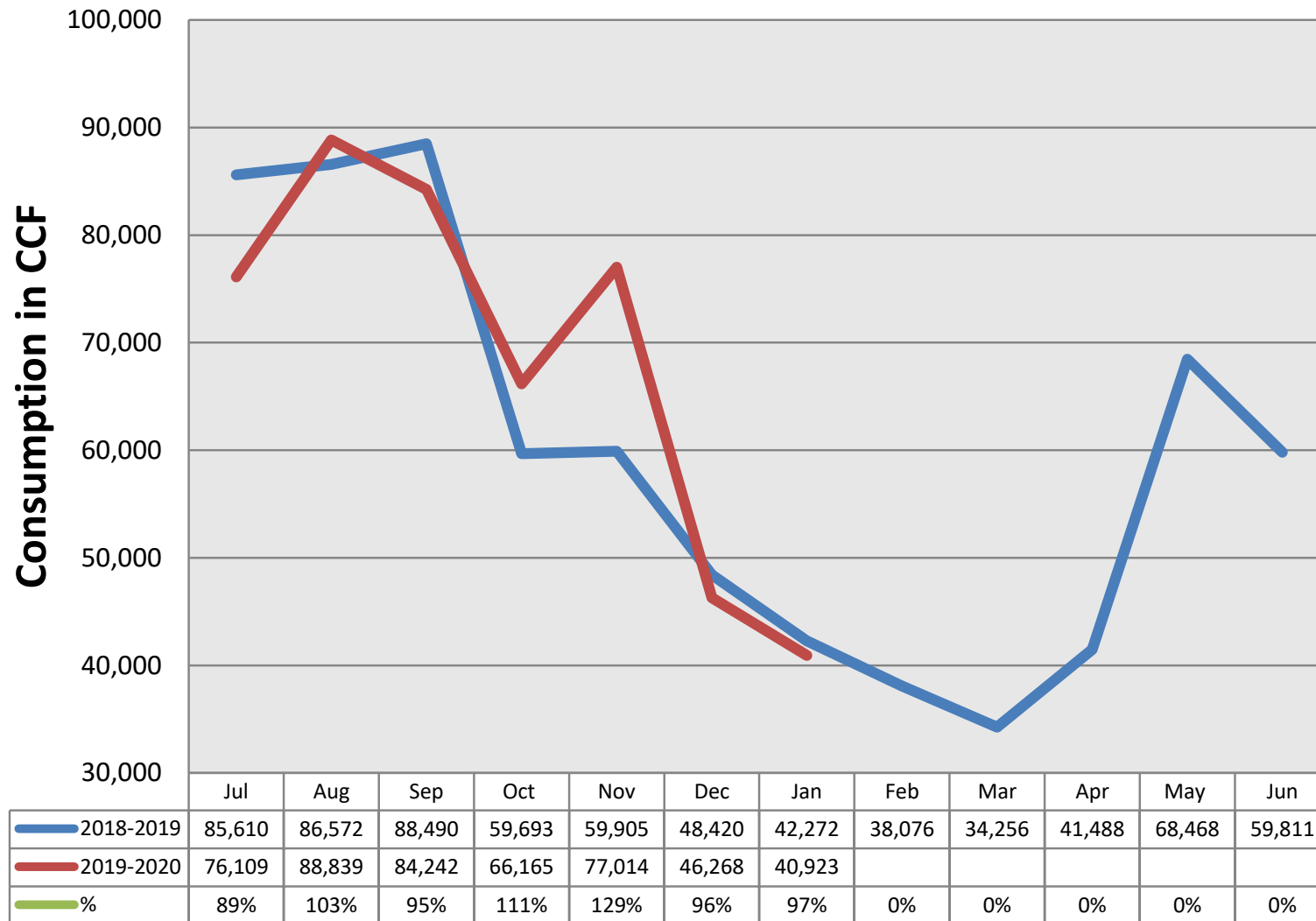
Single Family Residents Consumption



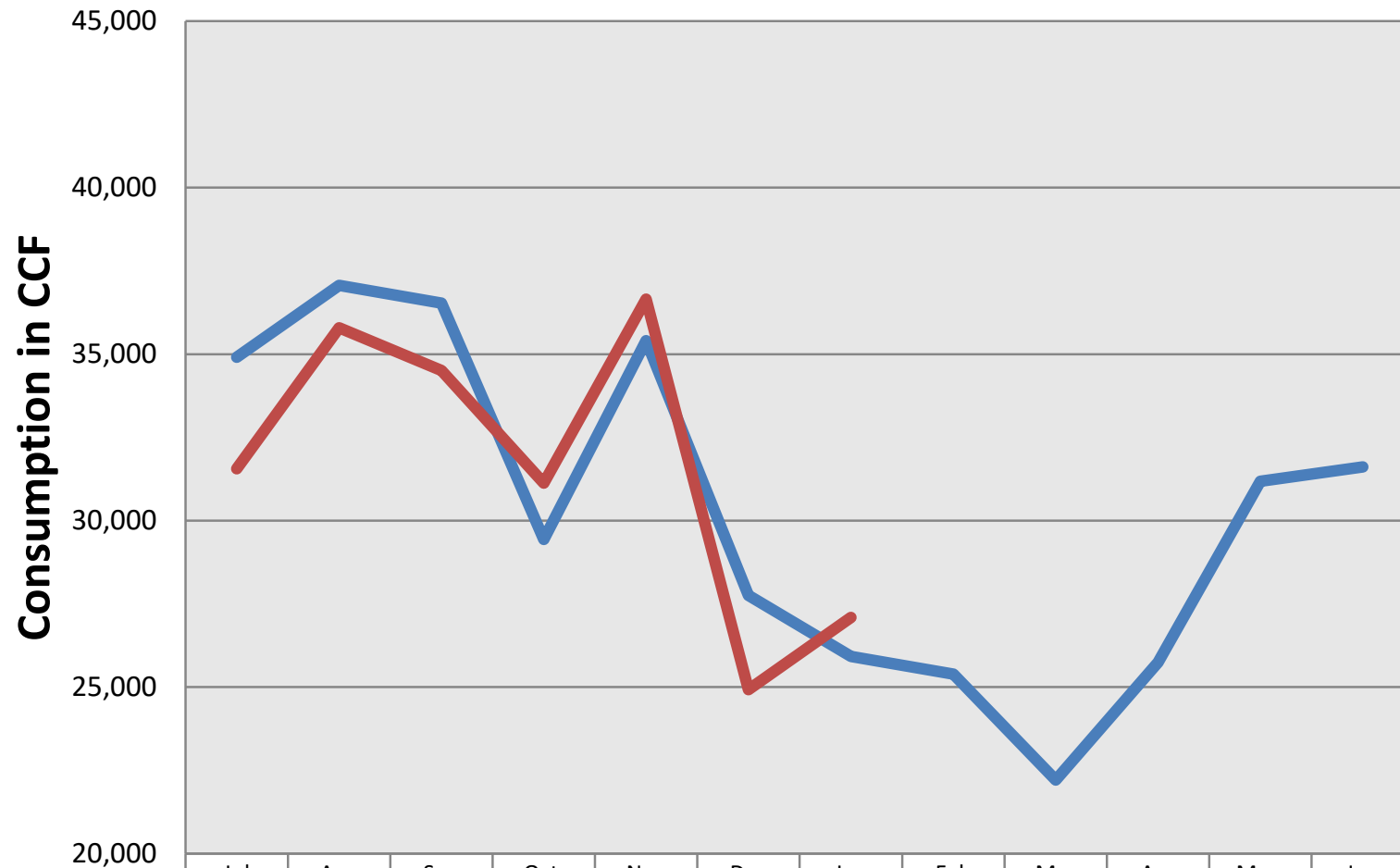
Multi Family Residents Consumption



Laguna Woods Village Consumption (Excluding Dedicated Irrigation)



Commercial Consumption



2018-2019	34,907	37,064	36,532	29,437	35,401	27,750	25,918	25,385	22,210	25,740	31,185	31,612
2019-2020	31,560	35,793	34,506	31,129	36,650	24,924	27,092					
%	90%	97%	94%	106%	104%	90%	105%	0%	0%	0%	0%	0%

Dedicated Irrigation Consumption (including LWV)



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 known 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 untended 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.

Evapotranspiration: 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 is 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.