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.

Robert R. Hill, Secretary of the

Robert R. Spis

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

**January 22, 2018** 

7:30 a.m.

**CALL TO ORDER – Director Vergara** 

PLEDGE OF ALLEGIANCE – Director Adjarian

**ORAL COMMUNICATION** – PUBLIC COMMENT

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

### ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

### 1. Approval of Minutes

The Engineering and FIC Committee will consider approving minutes for the December 18, 2017 Engineering and Finance/Insurance Committee meeting.

**Recommended Action**: Approve minutes for the December 18, 2017 Engineering and Finance/Insurance Committee meeting.

#### **CAMP PRESENTATION**

2. <u>California Asset Management Program (CAMP)</u> (Reference Material Included)

A CAMP Representative will update the Board on the District's investment holdings and philosophy based on the economic outlook. CAMP assists the District with short-term investment alternatives.

### **ENGINEERING COMMITTEE**

### **ENGINEERING ACTION ITEMS**

There are no action items.

#### **ENGINEERING GENERAL INFORMATION ITEMS**

3. <u>El Toro Water District Capital Project Status Report</u> (Reference Material Included)

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

4. 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 Monin** 

### **INSURANCE UPDATE**

5. Quarterly Insurance Update Report (Reference Material Included)

Staff will review and comment on the Quarterly Insurance Report for the period October 1, 2017 through December 31, 2017.

### FINANCIAL ACTION ITEMS

6. <u>Financial Package - Authorization to Approve Bills for Consideration</u>
<u>dated January 22, 2017 and Receive and File Financial Statements as of December 31, 2017</u> (Reference Material Included)

Staff will review and comment on the Bills for Consideration dated January 22, 2018 and Receive and File Financial Statements as of December 31, 2017.

**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 January 22, 2018, and 2) receive and file the Financial Statements for the period ending December 31, 2017.

#### FINANCIAL INFORMATION ITEMS

7. <u>2018/19 Fiscal Year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule Status Report</u> (Reference Material Included)

Staff will review and comment on the 2018/19 fiscal year Budget/Cost of Service Evaluation/Preparation and Tentative Schedule.

8. <u>Tiered Water Usage and Revenue Tracking</u> (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** - Technological Conferencing (Brown Act Requirements)

9. <u>Excerpts from League of Cities Open & Public V</u> (Reference Material Included)

### **CLOSED SESSION**

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

1. In accordance with Government Code Section 54956.8 to consult with the District's Negotiator (Dennis Cafferty, Assistant General Manager) regarding

the terms and conditions concerning the potential sale/disposition of the following property: Property and Easements within Assessor Parcel Number 613-011-01 (District's existing Pump Station site).

- In accordance with Government Code Section 54956.96 in order to receive, discuss, and/or take action concerning information obtained by the District's representative pertaining to a closed session of the South Orange County Wastewater Authority ("SOCWA"), a joint powers agency.
- 3. To consult with General Counsel in accordance with Government Code Section 54956.9 (potential litigation-one matter).
- 4. In accordance with Government Code Section 54957 to review the General Manager's Employment Agreement.
- 5. To conduct the General Manager's annual performance evaluation pursuant to Government Code Section 54957 (b) (1).

#### REGULAR SESSION

### REPORT ON CLOSED SESSION (Legal Counsel)

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

### 10. GENERAL MANAGER COMPENSATION

**Board Action:** The District's Board of Directors will discuss and consider granting the District's General Manager a compensation increase in the amount and form as determined by the Board.

### ADJOURNMENT TO 7:30 a.m., Tuesday, February 20, 2018.

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 AND FINANCE/INSURANCE COMMITTEE

December 18, 2017

Chairman Vergara called the Meeting of the Engineering Committee and Finance/Insurance Committee to order at 7:30 a.m. on December 18, 2017.

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

Present at today's meeting were Committee Members M. SCOTT GOLDMAN, WILLIAM H. KAHN, JOSE F. VERGARA, FRED ADJARIAN, and MARK MONIN.

Also present were ROBERT R. HILL, General Manager/Secretary, DENNIS P.

CAFFERTY, Assistant General Manager/District Engineer, NEELY SHAHBAKHTI,

Finance Manager/Controller, JUDY CIMORELL, Human Resources Manager, GILBERT

J. GRANITO, General Counsel, PAUL KAYMARK, PUN Group, KATHRYN FRESHLEY,

Customer, and CAROL MOORE, Customer.

### Oral Communication/Public Comment

There were no comments.

### Items Received too Late to be Agendized

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

### Approval of Minutes

Chairman Vergara asked for a Motion.

Motion: Director Adjarian made a Motion, seconded by Director Monin and unanimously carried across the Board to approve the Minutes.

### Roll Call

Director Vergara	aye
Vice President Kahn	aye
President Goldman	aye
Director Monin	aye
Director Adjarian	aye

Chairman Vergara stated that at this time we would be discussing item #4 of today's agenda.

ETWD Comprehensive Annual Financial Report/Audit – Fiscal Year Ended June 30, 2017

Ms. Shahbakhti introduced Mr. Kaymark, Partner of the PUN Group.

Mr. Kaymark provided an overview of the CAFR report. He further stated that included in the report is a letter of transmittal and a Certificate of Achievement for Excellence in Financial Reporting.

Mr. Kaymark stated that in their opinion, the financial statements present fairly in all material respects the financial position of the District, and respective changes in financial position, cash flows in accordance with accounting principles generally accepted in the USA.

Mr. Kaymark stated that also included in the report is a comparison between the two years of 2016 & 2017, Management's Discussion and Analysis. He further stated that the overall operations is pretty even throughout the year.

Mr. Kaymark stated that the report shows a decrease in debt. He further stated that Operating Income before Depreciation shows that what we are bringing in Revenues that exceed our Operating expenses overall.

President Goldman asked about the Baker Water Treatment Plant, as to whether we own the structure, capacity and/or a lease hold in the land. Mr. Cafferty replied that ETWD owns capacity in the Baker project, but not the structure and/or a lease hold.

Mr. Kaymark stated that depreciation is based on the rate payers schedule.

Director Adjarian asked under General Expenses, the report shows a decrease in Administrative expenses. Mr. Cafferty replied that we will be reconciling the actual numbers from the 2016/17 budget.

At approximately 7:50 o'clock a.m. Mr. Kaymark left the meeting.

### **Engineering Committee**

At approximately 7:50 o'clock a.m. Chairman Vergara called the Engineering Committee meeting to order.

### Engineering Action Items

There were no action items.

### Engineering General Information Items

El Toro Water District Capital Project Status Report

### Recycled Water Distribution System Projects

Mr. Cafferty stated that included in the report are attachments which provide financial information and any change order information. He further stated that the total

cost estimate and to date expenses are included.

Mr. Cafferty stated that a Construction Summary is also included in the report.

He further stated that it has updates to the East Side System, the West Side System, and the Total Distribution System of the Pipeline Installation Progress.

### 2<sup>nd</sup> Street Pump Station Demolition

Mr. Cafferty stated that SCE has finally de-energized the building and S.S.

Mechanical estimates the project will take 2 weeks to complete demolition activities in January.

President Goldman asked what is the cost of the demolition. Mr. Cafferty replied that it will cost approximately \$50,000-\$60,000, which will be split with IRWD.

### **Energy Efficiency Projects**

Mr. Cafferty stated that staff is reviewing energy efficiency projects. He further stated that solar panels at the Plant and Admin office was also reviewed.

### 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 8:34 o'clock a.m. the Engineering meeting was closed.

### FINANCE/INSURANCE COMMITTEE

At approximately 8:34 o'clock a.m. Director Monin called the Finance/Insurance

Committee meeting to order.

### Financial Action Items

Financial Package – Authorization to Approve Bills for Consideration dated December

18, 2017 and Receive and File Financial Statements as of November 30, 2017

Ms. Shahbakhti stated that we are on track with the budget.

Director Monin asked for a Motion.

Motion: President Goldman made a Motion, seconded by Vice President Kahn 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 December 18, 2017, and 2) receive and file the Financial Statements for the period ending November 30, 2017.

### Roll Call:

Director Vergara	aye
Vice President Kahn	aye
President Goldman	aye
Director Monin	aye
Director Adjarian	aye

### Financial Information Items

### Tiered Water Usage and Revenue Tracking

Ms. Shahbakhti stated that the water use charts are included in the Board package.

### Comments Regarding Non-Agenda FIC Items

There were no comments.

### Close Finance and Insurance Committee Meeting

At approximately 8:39 o'clock a.m. the Finance meeting was closed.

### Attorney Report

Mr. Granito reported that there is a need for a Closed Session at today's meeting to discuss items #3 and #4 of today's Closed Session agenda.

### Closed Session

At approximately 8:41 o'clock a.m. the Board went into Closed Session to discuss items #3 and #4 of today's Closed Session agenda. Also at this time, Mr. Hill, Mr. Cafferty, Ms. Welsch, Ms. Shahbakhti, Ms. Freshley, and Ms. Moore left the meeting.

At approximately 8:50 o'clock a.m. Mr. Hill was called to the Closed Session.

### Open Session Report

At approximately 9:11 o'clock a.m. the Board returned to Open Session. Also at this time, Ms. Welsch returned to the meeting.

Mr. Granito reported that the Board discussed items #3 and #4. Further discussion on items #3 and #4 will be discussed at the December 19, 2017 Board meeting.

### <u>Adjournment</u>

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

Motion: Director Monin made a Motion, seconded by Director Vergara and unanimously carried that today's meeting be adjourned at 9:15 o'clock a.m. to Monday, January 22, 2018 at 7:30 o'clock a.m. at the District's Administrative Offices at 24251 Los Alisos Blvd, Lake Forest, CA. 92630.

### Roll Call:

President Goldman	aye
Vice President Kahn	aye
Director Monin	aye
Director Adjarian	aye
Director Vergara	aye

Respectfully submitted,

POLLY WELSCH Recording Secretary

APPROVED:

M. SCOTT GOLDMAN, President of the El Toro Water District and the Board of Directors thereof

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



# **El Toro Water District**

Portfolio Update

Period Ending December 31, 2017

**Presented By:** 

**Richard Babbe, Senior Managing Consultant** 

**January 22, 2018** 

PFM Asset Management LLC www.pfm.com

601 South Figueroa Suite 4500 Los Angeles, CA 90017

Tel: (213) 489-4075

50 California Street Suite 2300 San Francisco, CA 94111 Tel: (415) 982-5544



# **Key Themes**

### **Economic conditions:**

- I. The economy continued to grow at a moderate pace.
- II. The labor market remained strong with the unemployment rate reaching a post-financial-crisis low.
- III. Inflation steadied, but the outlook remains soft.
- IV. Yields increased sharply during the year with the largest increase coming during the fourth quarter, driven by federal tax reform and a third Fed rate hike.
- V. Based on current market conditions, the Federal Reserve expects three additional rate hikes over 2018.

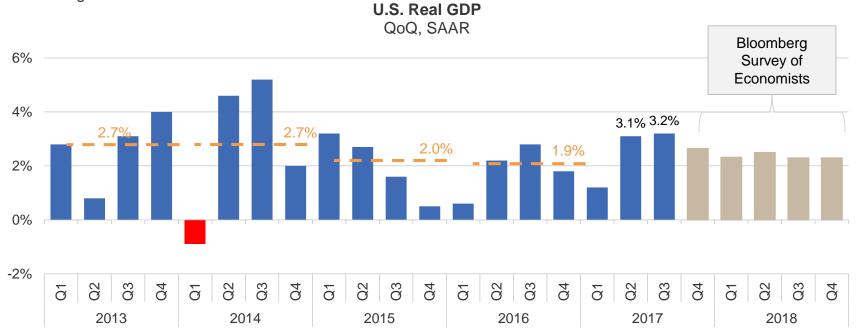
### **Strategy Considerations:**

- I. The portfolio continues to perform well, consistent with the agreed upon strategy.
- II. Higher rates contribute to higher interest income but result in market value depreciation while the portfolio adjusts to higher rates.
- III. We continued to actively manage the portfolio to optimize its performance while managing its risk profile.



# **Economic Growth Remained Strong in Third Quarter**

- Gross domestic product increased at an annualized rate of 3.2% in the third quarter of 2017. Growth in the second and
  third quarters was the fastest pace of expansion over two consecutive quarters since 2014. Growth has averaged 2.3%
  over the last four quarters.
- Third quarter GDP reflected positive contributions from personal consumption and business investment, boosted
  primarily by a rise in private inventories and exports which were offset by negative contributions from residential
  housing.

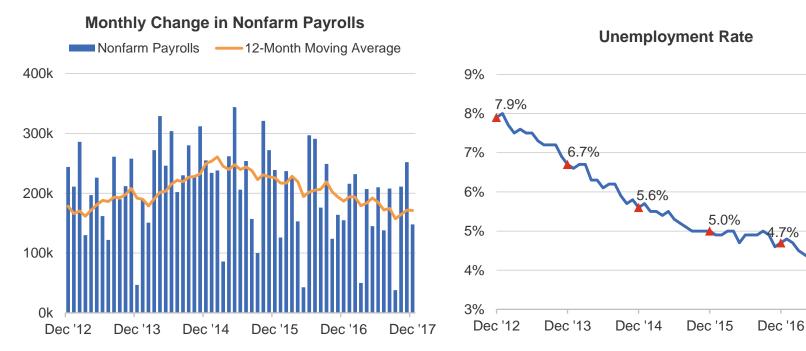


Source: Bloomberg, as of Q3 2017. SAAR is seasonally adjusted annualized rate. Orange denotes rolling four-quarter averages.



# **Labor Market Activity Slows in December**

- The U.S. labor market added 148k jobs in December, well below expectations, while the headline unemployment rate
  held at 4.1%, the lowest level in 17 years.
- The U.S. economy added 2.06 million jobs in 2017, the lowest number in seven years.
- Average hourly earnings—an important gauge of wage growth—grew only 2.5% over the past 12 months.



Source: Bloomberg, as of December 2017.

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Dec '17



### Inflation Steadies but Outlook Remains Weak

• The core personal consumption expenditures (PCE) price index, the Fed's preferred measure of inflation, remained at 1.5% year-over-year in November. However, most Fed officials expect that inflation will gradually rise to reach the 2% target over time.



Source: Bloomberg, latest data available as of December 2017. Inflation expectations based on yield difference between 5-year Treasury note and 5-year Treasury Inflation Protected Securities (TIPS).



# **Interest Rate Update**

• Two-year Treasury yields moved notably higher for the year ended December 31, 2017; the increase was most pronounced during the fourth quarter as markets responded to another rate hike by the Federal Reserve and the passage of the largest overhaul of the U.S. tax system in more than 30 years.

**2-Year Treasury Yields**December 31, 2016 – December 31, 2017



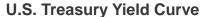
Source: Bloomberg, as of 12/31/17.

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# Short-Term Yields Higher in Fourth Quarter but Yield Curve Flattened

- Treasury yields are substantially higher in the short and intermediate term compared to a year ago.
  - Short-term yields rose as the Fed raised rates three times in 2017.
  - The yield curve flattened as long-term rates moved very little due to muted inflation expectations.



Dec 31, 2017 — Sep 29, 2017 — Dec 31, 2016

3.0%

2.5%

1.5%

1.0%

0.5%

0.0%

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### **Yield Curve History**

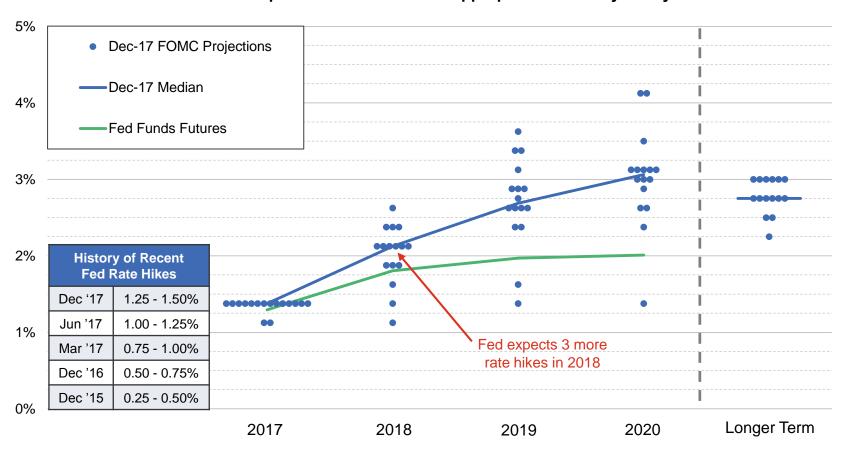
Maturity	12/31/2017	12/31/2016
3-Mo.	1.38	0.50
6-Mo.	1.53	0.61
1-Yr.	1.74	0.81
2-Yr.	1.89	1.19
3-Yr.	1.97	1.45
5-Yr.	2.21	1.93
7-Yr.	2.33	2.25
10-Yr.	2.41	2.45
30-Yr.	2.74	3.07

Source: Bloomberg, as of 1/2/18.



### FOMC "Dot Plot" – December 2017

### Fed Participants' Assessments of 'Appropriate' Monetary Policy



Source: Federal Reserve and Bloomberg. Individual dots represent each Fed members' judgement of the midpoint of the appropriate target range for the federal funds rate at each year-end. Fed funds futures as of 12/13/17.

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# **Portfolio Composition**

• The portfolio is in compliance with the District's Investment Policy.

Portfolio Market Values<sup>1</sup>
December 31, 2017 versus June 30, 2017

Investment Type	12/31/17	% of Portfolio	6/30/17	% of Portfolio	Permitted by Policy
U.S. Treasury	\$921,718	6%	\$482,608	3%	100%
Federal Agency	\$1,928,823	12%	\$4,198,957	25%	100%
Supranational	\$526,296	3%	\$241,034	1%	30%
Corporate	\$2,591,878	16%	\$2,013,065	12%	30%
Negotiable CD	\$1,557,839	9%	\$996,622	6%	30%
Asset-Backed Securities	\$1,314,287	8%	\$944,698	6%	20%
Commercial Paper	\$149,814	1%	\$0	0%	25%
CAMP Pool	\$52,759	<1%	\$6,213	<1%	50%
LAIF	\$7,281,561	45%	\$7,744,029	46%	30%
Total	\$16,324,975	100%	\$16,775,977	100%	

<sup>1.</sup> Market value including accrued interest.



# **Issuer Distribution**

• The portfolio is well diversified across sectors and issuers.

Sector	Issuer	Percentage
Treasury	US Treasury	5.6%
Agency	FNMA	7.0%
Agency	FHLMC	4.8%
Supra	IBRD	1.8%
Supra	IADB	1.5%
Corp	TOYOTA MOTOR CORP	1.8%
Corp	US BANCORP	0.9%
Corp	JP MORGAN CHASE & CO	0.9%
Corp	CISCO SYSTEMS INC	0.9%
Corp	AMERICAN HONDA	0.9%
Corp	APPLE INC	0.9%
Corp	BB&T CORPORATION	0.6%
Corp	IBM	0.6%
Corp	DEERE & COMPANY	0.6%
Corp	BANK OF AMERICA CO	0.6%
Corp	MICROSOFT CORP	0.6%
Corp	GOLDMAN SACHS	0.6%
Corp	INTEL CORPORATION	0.6%
Corp	EXXON MOBIL CORP	0.5%
Corp	UNITED PARCEL SERVICE	0.5%
Corp	WAL-MART STORES INC	0.5%
Corp	WALT DISNEY CORP	0.5%
Corp	STATE STREET CORP	0.5%
Corp	PEPSICO INC	0.5%
Corp	CHEVRON CORPORATION	0.4%
Corp	CATERPILLAR INC	0.4%
Corp	MORGAN STANLEY	0.2%

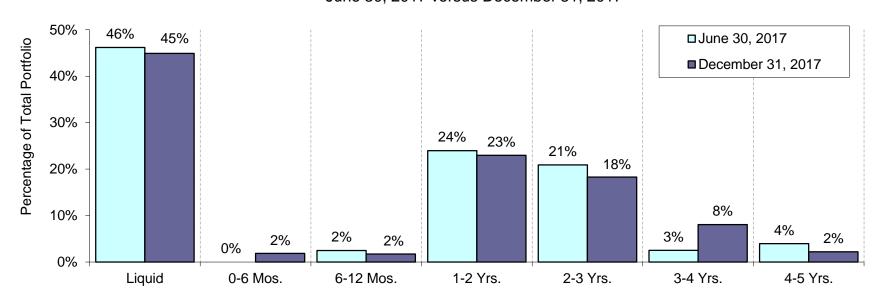
Sector	Issuer	Percentage
Corp	HOME DEPOT INC	0.2%
Corp	HONEYWELL INTERNATIONAL	0.2%
Corp	VISA INC	0.1%
Corp	PACCAR FINANCIAL CORP	0.1%
CD	CANADIAN IMPERIAL BANK	1.5%
CD	SVENSKA HANDELSBANKEN	1.2%
CD	BANK OF MONTREAL	1.1%
CD	SUMITOMO MITSUI INC	1.1%
CD	BANK OF NOVA SCOTIA	1.1%
CD	SKANDINAVISKA BANKEN	1.1%
CD	WESTPAC BANKING CORP	0.9%
CD	SWEDBANK AB	0.8%
ABS	CITIGROUP INC	1.8%
ABS	AMERICAN EXPRESS CO	1.5%
ABS	CNH EQUIPMENT TRUST	1.1%
ABS	FORD OWNER TRUST	1.1%
ABS	ALLY AUTO TRUST	0.9%
ABS	HONDA RECEIVABLES	0.8%
ABS	HYUNDAI RECEIVABLES	0.7%
ABS	JOHN DEERE TRUST	0.4%
ABS	NISSAN RECEIVABLES	0.3%
CP	MITSUBISHI UFJ FINANCIAL	1.5%
CAMP	CAMP	0.3%
LAIF	LAIF	44.7%
	TOTAL	100.0%



# **Maturity Distribution**

• The individual investments are concentrated in the 1-3 year maturity range, consistent with the benchmark. In addition, the District maintains significant assets in LAIF to provide liquidity and provide a cushion against market value fluctuations.

# **Portfolio Maturity Distribution**June 30, 2017 versus December 31, 2017



	6/30/17	6/30/17
Weighted Average Duration (portfolio)	1.83 years	1.80 years
Weighted Average Duration (overall)	0.98 years	0.99 years

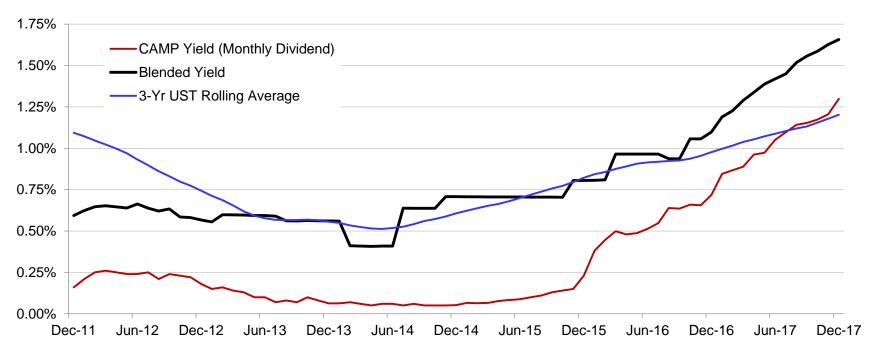


# **Yield Comparison**

- The portfolio's yield has moved higher during the past six months as the portfolio adjusts to current interest rate levels.
- The portfolio's yield should continue to trend upward with any further increases in interest rate.

### **Portfolio Yield Comparison History**

December 2011 - December 2017



Treasury Yield Source: U.S. Department of the Treasury.



### **Portfolio Total Return Performance**

- The portfolio continues to perform well relative to the benchmark.
- On an absolute basis, total returns were down, as the rise in interest rates drove market values lower (market values
  move inversely to the direction of interest rates). Market value fluctuations drive quarterly total return volatility but tend to
  average out over longer periods of time.

### Total Returns<sup>1,2,3,4,5</sup>

		Total Returns Periods Ending 12/31/17				
	Duration (yrs.)	Fourth Quarter	Past 12 months Since Incept			
El Toro Water District	1.81	-0.14%	0.88%	0.47%		
Merrill Lynch 1-3 Year UST Index	1.80	-0.25%	0.42%	-0.01%		
Difference	0.01	0.11%	0.46%	0.48%		

#### Notes:

- 1. Performance on trade date basis, gross (i.e., before fees), in accordance with the CFA Institute's Global Investment Performance Standards (GIPS).
- 2. Merrill Lynch Indices provided by Bloomberg Financial Markets.
- 3. Returns for less than a year are unannualized. Returns periods longer than a year are presented on an annualized basis.
- 4. Excludes money fund balance in performance, duration, and yield computations.
- 5. Inception date is 9/30/16.



# **Portfolio Earnings**

**2-Year Treasury Yields**December 31, 2016 – December 31, 2017

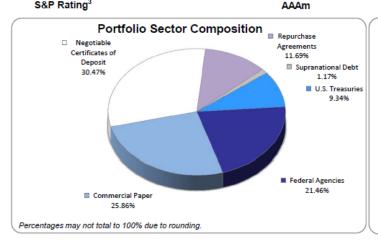


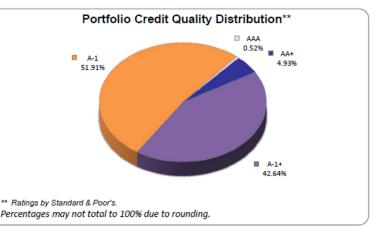
	1Q 17	2Q 17	3Q 17	4Q 17	2017 Totals
Accrual Basis					
Interest Earned	\$29,443	\$32,074	\$34,924	\$37,521	\$133,962
Change in Value	(\$4,385)	(\$2,994)	(\$6,309)	(\$6,316)	(\$20,004)
Portfolio Earnings	\$25,058	\$29,080	\$28,616	\$31,205	\$113,958
Market Value Basis					
Change in 2-Yr UST	+0.07%	+0.12%	+0.09%	+0.42%	+0.70%
Interest Earned	\$29,443	\$32,074	\$34,924	\$37,521	\$133,962
Change in Value	(\$132)	(\$2,102)	(\$2,816)	(\$49,783)	(\$54,833)
Portfolio Earnings	\$29,311	\$29,972	\$32,108	(\$12,262)	\$79,129
<b>Total Return</b>	+0.33%	+0.33%	+0.36%	-0.14%	+0.88%



# CAMP Characteristics as of December 31, 2017

Total Fund Net Assets <sup>1</sup>	\$3,059,868,456	Weighted Average Maturity	48 Days
Current 7-Day Yield <sup>2</sup>	1.37%	Net Asset Value per Share	\$1.00
1			





- Total fund net assets, portfolio holdings valued at amortized cost, trade date based.
- 2. As of December 31, 2017, the current seven-day yield of the CAMP Cash Reserve Portfolio may, from time to time, be quoted in reports, literature and advertisements published by the Trust. The current seven-day yield, also known as the current annualized yield, represents the net change, exclusive of capital changes and income other than investment income, in the value of a hypothetical account with a balance of one share (normally \$1.00 per share) over a seven-day base period expressed as a percentage of the value of one share at the beginning of the seven-day period. This resulting net change in account value is then annualized by multiplying it by 365 and dividing the result by 7. Past performance is not indicative of future results and yields may vary.
- 3. Standard & Poor's fund ratings are based on analysis of credit quality, market price exposure, and management. According to Standard & Poor's rating criteria, the AAAm rating signifies excellent safety of investment principal and a superior capacity to maintain a \$1.00 per share net asset value. However, it should be understood that the rating is not a "market" rating nor a recommendation to buy, hold or sell the securities. For a full description on rating methodology, visit Standard & Poor's website (http://www.standardandpoors.com/en\_US/web/guest/home).

This information is for institutional investor use only, not for further distribution to retail investors, and does not represent an offer to sell or a solicitation of an offer to buy or sell any fund or other security. Investors should consider the Trust's investment objectives, risks, charges and expenses before investing in the Trust. This and other information about the Trust is available in the Trust's current Information Statement, which should be read carefully before investing. A copy of the Trust's Information Statement may be obtained by calling 1-800-729-7665 or is available on the Trust's website at <a href="https://www.camponline.com">www.camponline.com</a>. While the Trust seeks to maintain a stable net asset value of \$1.00 per share, it is possible to lose money investing in the Trust. An investment in the Trust is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Shares of the Trust are distributed by **PFM Fund Distributors**, Inc., member Financial Industry Regulatory Authority (FINRA) (<a href="https://www.finra.org">www.finra.org</a>) and Securities Investor Protection Corporation (SIPC) (<a href="https://www.sipc.org">www.sipc.org</a>). PFM Fund Distributors, Inc. is a wholly owned subsidiary of PFM Asset Management LLC.

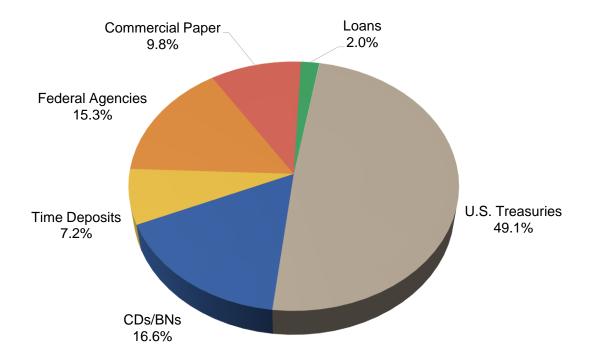
© PFM Source: www.camponline.com



# LAIF Characteristics as of December 31, 2017

### **Pooled Money Investment Account Sector Distribution**

\$74.3 Billion as of December 31, 2017



Average Maturity: 186 days

Source: http://www.treasurer.ca.gov/pmia-laif/performance/PMIA-LAIF\_perform.pdf



### **Disclosures**

This material is based on information obtained from sources generally believed to be reliable and available to the public, however PFM Asset Management LLC cannot guarantee its accuracy, completeness or suitability. This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation. All statements as to what will or may happen under certain circumstances are based on assumptions, some but not all of which are noted in the presentation. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Past performance does not necessarily reflect and is not a guaranty of future results. The information contained in this presentation is not an offer to purchase or sell any securities.



INVESTMENT	T ACCOUNT	Γ								
CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
912828XM7	60,000.00	AA+	Aaa	07/05/17	07/07/17	60,037.50	1.60	408.02	60,031.88	59,538.30
912828L32	110,000.00	AA+	Aaa	08/01/17	08/03/17	109,501.56	1.53	513.92	109,567.98	108,393.01
912828L32	260,000.00	AA+	Aaa	08/31/17	09/01/17	259,522.66	1.44	1,214.71	259,575.39	256,201.66
912828L99	160,000.00	AA+	Aaa	10/03/17	10/05/17	158,700.00	1.65	376.80	158,800.76	157,418.72
912828N48	340,000.00	AA+	Aaa	12/01/17	12/05/17	338,512.50	1.90	16.44	338,548.74	337,635.98
	930,000.00					926,274.22	1.66	2,529.89	926,524.75	919,187.67
459058FS7	110,000.00	AAA	Aaa	08/18/17	08/23/17	109,097.85	1.50	116.88	109,238.31	108,164.21
459058FZ1	90,000.00	AAA	Aaa	03/14/17	03/21/17	89.921.70	1.90	328.13	89,940.62	89,618.31
4581X0CX4	150,000.00	AAA	Aaa	04/05/17	04/12/17	149,644.50	1.70	331.77	149,726.61	148,590.75
45905UP32	90,000.00	AAA	Aaa	09/12/17	09/19/17	89,784.00	1.64	398.06	89,804.06	88,395.30
4581X0CD8	90,000.00	AAA	Aaa	10/02/17	10/10/17	90,834.22	1.81	276.25	90,775.27	90,076.05
										524,844.62
	912828XM7 912828L32 912828L32 912828L99 912828N48 459058FS7 459058FZ1 4581X0CX4 45905UP32	CUSIP Par  912828XM7 60,000.00  912828L32 110,000.00  912828L32 260,000.00  912828L99 160,000.00  912828N48 340,000.00  459058FS7 110,000.00  459058FZ1 90,000.00  45905UP32 90,000.00  4581X0CD8 90,000.00	912828XM7 60,000.00 AA+ 912828L32 110,000.00 AA+ 912828L32 260,000.00 AA+ 912828L99 160,000.00 AA+ 912828N48 340,000.00 AA+  930,000.00 AA+  459058FS7 110,000.00 AAA  459058FZ1 90,000.00 AAA  45905UP32 90,000.00 AAA	CUSIP       Par       S&P Rating       Moody's Rating         912828XM7       60,000.00	CUSIP       Par       S&P Rating       Moody's Rating       Trade Date         912828XM7       60,000.00	CUSIP         Par         S&P Rating         Moody's Rating         Trade Date         Settle Date           912828XM7         60,000.00         AA+         Aaa         07/05/17         07/07/17           912828L32         110,000.00         AA+         Aaa         08/01/17         08/03/17           912828L99         160,000.00         AA+         Aaa         10/03/17         10/05/17           912828N48         340,000.00         AA+         Aaa         12/01/17         12/05/17           459058FS7         110,000.00         AAA         Aaa         08/18/17         08/23/17           459058FZ1         90,000.00         AAA         Aaa         03/14/17         03/21/17           4581X0CX4         150,000.00         AAA         Aaa         04/05/17         04/12/17           4581X0CD8         90,000.00         AAA         Aaa         10/02/17         10/10/17	CUSIP         Par         S&P ating         Moody's Rating         Trade Date         Settle Date         Original Cost           912828XM7         60,000.00         AA+         Aaa         07/05/17         07/07/17         60,037.50           912828L32         110,000.00         AA+         Aaa         08/01/17         08/03/17         109,501.56           912828L32         260,000.00         AA+         Aaa         08/31/17         09/01/17         259,522.66           912828L99         160,000.00         AA+         Aaa         10/03/17         10/05/17         158,700.00           912828N48         340,000.00         AA+         Aaa         12/01/17         12/05/17         338,512.50           459058FS7         110,000.00         AAA         Aaa         08/18/17         08/23/17         109,097.85           459058FZ1         90,000.00         AAA         Aaa         03/14/17         03/21/17         89,921.70           4581X0CX4         150,000.00         AAA         Aaa         04/05/17         04/12/17         149,644.50           4581X0CD8         90,000.00         AAA         Aaa         10/02/17         10/10/17         90,834.22	CUSIP         Par Rating         S&P Rating         Moody's Pating         Trade Date         Settle Date         Original Cost         YTM at Cost           912828XM7         60,000.00 AA+         Aaa         07/05/17         07/07/17         60,037.50         1.60           912828L32         110,000.00 AA+         Aaa         08/01/17         08/03/17         109,501.56         1.53           912828L32         260,000.00 AA+         Aaa         08/31/17         09/01/17         259,522.66         1.44           912828L99         160,000.00 AA+         Aaa         10/03/17         10/05/17         158,700.00         1.65           912828N48         340,000.00 AA+         Aaa         12/01/17         12/05/17         338,512.50         1.90           459058F57         110,000.00 AAA         Aaa         08/18/17         08/23/17         109,097.85         1.50           459058F21         90.000.00 AAA         Aaa         03/14/17         03/21/17         89,921.70         1.90           4581X0CX4         150,000.00 AAA         Aaa         04/05/17         04/12/17         149,644.50         1.70           4581X0CD8         90,000.00 AAA         Aaa         10/02/17         10/10/17         90,834.22         1.81	CUSIP         Par Rating         S&P Rating         Moody's Rating         Trade Date         Settle Date         Original Cost         YTM at Cost         Accrued Interest           912828XM7         60,000.00         AA+         Aaa         07/05/17         07/07/17         60,037.50         1.60         408.02           912828L32         110,000.00         AA+         Aaa         08/01/17         08/03/17         109,501.56         1.53         513.92           912828L32         260,000.00         AA+         Aaa         08/31/17         09/01/17         259,522.66         1.44         1,214.71           912828L99         160,000.00         AA+         Aaa         10/03/17         10/05/17         158,700.00         1.65         376.80           912828N48         340,000.00         AA+         Aaa         12/01/17         12/05/17         338,512.50         1.90         16.44           459058FS7         110,000.00         AAA         Aaa         08/18/17         08/23/17         109,097.85         1.50         316.88           4581X0CX4         150,000.00         AAA         Aaa         04/05/17         04/12/17         149,644.50         1.70         331.77           45905UP32         90,000.00	CUSIP         S&P Rating         Moody's Rating         Trade Date         Settle Date         Original Cost         YTM at Cost         Accrued Interest         Amortized Cost           912828XM7         60,000.00         AA+         Aaa         07/05/17         07/07/17         60,037.50         1.60         408.02         60,031.88           912828L32         110,000.00         AA+         Aaa         08/01/17         08/03/17         109,501.56         1.53         513.92         109,567.98           912828L32         260,000.00         AA+         Aaa         08/31/17         09/01/17         259,522.66         1.44         1,214.71         259,575.39           912828L99         160,000.00         AA+         Aaa         10/03/17         10/05/17         158,700.00         1.65         376.80         158,800.76           912828N48         340,000.00         AA+         Aaa         12/01/17         12/05/17         338,512.50         1.90         16.44         338,548.74           459058F57         110,000.00         AAA         Aaa         08/18/17         08/23/17         109,097.85         1.50         116.88         109,238.31           459058F57         90,000.00         AAA         Aaa         03/14/17 <t< td=""></t<>



EL TORO WATER DISTRICT - INVESTMENT ACCOUNT													
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value		
Federal Agency Bond / Note													
FHLMC REFERENCE NOTE DTD 07/20/2016 0.875% 07/19/2019	3137EAEB1	800,000.00	AA+	Aaa	10/06/16	10/07/16	795,616.00	1.08	3,150.00	797,543.92	787,491.20		
FNMA NOTES DTD 09/02/2016 1.000% 08/28/2019	3135G0P49	950,000.00	AA+	Aaa	10/06/16	10/07/16	947,435.00	1.10	3,245.83	948,520.38	935,986.55		
FNMA NOTES DTD 02/28/2017 1.500% 02/28/2020	3135G0T29	200,000.00	AA+	Aaa	02/24/17	02/28/17	199,872.00	1.52	1,025.00	199,907.34	197,924.60		
Security Type Sub-Total		1,950,000.00					1,942,923.00	1.13	7,420.83	1,945,971.64	1,921,402.35		
Corporate Note													
JPMORGAN CHASE & CO NOTES DTD 12/20/2007 6.000% 01/15/2018	46625HGY0	150,000.00	A-	А3	11/20/15	11/25/15	163,206.00	1.79	4,150.00	150,243.69	150,208.65		
JOHN DEERE CAPITAL CORP DTD 01/06/2017 1.650% 10/15/2018	24422ETM1	30,000.00	Α	A2	01/03/17	01/06/17	29,980.50	1.69	104.50	29,991.15	29,933.31		
TOYOTA MOTOR CREDIT CORP DTD 01/09/2017 1.700% 01/09/2019	89236TDM4	150,000.00	AA-	Aa3	01/04/17	01/09/17	149,947.50	1.72	1,218.33	149,972.94	149,689.65		
US BANCORP (CALLABLE) CORPORATE NOTES DTD 04/24/2014 2.200% 04/25/2019	91159HHH6	150,000.00	A+	A1	10/06/16	10/12/16	152,727.00	1.47	605.00	151,383.39	150,424.65		
PEPSICO INC CORP NOTE DTD 05/02/2017 1.550% 05/02/2019	713448DR6	50,000.00	A+	A1	04/27/17	05/02/17	49,962.50	1.59	127.01	49,974.82	49,724.50		
AMERICAN EXPRESS CREDIT (CALLABLE) NOTE DTD 05/03/2017 1.875% 05/03/2019	0258M0EK1	50,000.00	A-	A2	04/27/17	05/03/17	49,979.50	1.90	151.04	49,986.20	49,799.05		
AMERICAN HONDA FINANCE DTD 07/12/2016 1.200% 07/12/2019	02665WBE0	150,000.00	A+	A2	10/06/16	10/12/16	148,887.00	1.48	845.00	149,375.50	147,925.35		
GOLDMAN SACHS GROUP INC CORP NOTE DTD 07/24/2017 1.950% 07/23/2019	38141GWP5	60,000.00	BBB+	А3	07/19/17	07/24/17	59,992.80	1.96	510.25	59,994.34	59,650.08		
CISCO SYSTEMS INC CORP NOTES DTD 09/20/2016 1.400% 09/20/2019	17275RBG6	150,000.00	AA-	A1	10/06/16	10/12/16	149,931.00	1.42	589.17	149,959.53	148,435.20		



EL TORO WATER DISTRICT - INVESTMENT ACCOUNT												
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value	
Corporate Note												
HONEYWELL INTERNATIONAL CORP NOTES DTD 10/30/2017 1.800% 10/30/2019	438516BQ8	25,000.00	Α	A2	10/23/17	10/30/17	24,980.50	1.84	76.25	24,982.13	24,867.85	
AMERICAN EXPRESS CREDIT (CALLABLE) CORP DTD 10/31/2016 1.700% 10/30/2019	0258M0EC9	100,000.00	Α-	A2	01/31/17	02/03/17	99,240.00	1.99	288.06	99,488.87	98,967.80	
CITIGROUP INC (CALLABLE) CORP NOTE DTD 01/10/2017 2.450% 01/10/2020	172967LF6	50,000.00	BBB+	Baa1	10/04/17	10/06/17	50,607.00	1.90	581.88	50,542.98	50,023.05	
BB&T CORP (CALLABLE) NOTE DTD 12/08/2014 2.450% 01/15/2020	05531FAS2	100,000.00	A-	A2	01/31/17	02/03/17	101,052.60	2.08	1,129.72	100,725.36	100,331.00	
MORGAN STANLEY CORP BONDS DTD 01/27/2015 2.650% 01/27/2020	61747YDW2	40,000.00	BBB+	A3	01/31/17	02/03/17	40,346.00	2.35	453.44	40,242.90	40,180.60	
IBM CORP NOTES DTD 01/27/2017 1.900% 01/27/2020	459200JN2	100,000.00	A+	A1	01/24/17	01/27/17	99,904.00	1.93	812.78	99,933.11	99,542.00	
MICROSOFT CORP DTD 02/06/2017 1.850% 02/06/2020	594918BV5	90,000.00	AAA	Aaa	01/30/17	02/06/17	89,939.70	1.87	670.63	89,957.50	89,733.87	
APPLE INC BONDS DTD 02/09/2017 1.900% 02/07/2020	037833CK4	80,000.00	AA+	Aa1	02/02/17	02/09/17	79,960.80	1.92	608.00	79,972.25	79,759.36	
CHEVRON CORP NOTES DTD 03/03/2017 1.991% 03/03/2020	166764BP4	70,000.00	AA-	Aa2	02/28/17	03/03/17	70,000.00	1.99	456.82	70,000.00	69,403.25	
WALT DISNEY COMPANY CORP NOTES DTD 03/06/2017 1.950% 03/04/2020	25468PDP8	20,000.00	<b>A</b> +	A2	03/01/17	03/06/17	19,994.80	1.96	126.75	19,996.19	19,935.00	
EXXON MOBIL (CALLABLE) CORP NOTE DTD 03/06/2015 1.912% 03/06/2020	30231GAG7	90,000.00	AA+	Aaa	04/25/17	04/28/17	90,402.30	1.75	549.70	90,306.76	89,534.43	
JOHN DEERE CAPITAL CORP NOTES DTD 03/15/2017 2.200% 03/13/2020	24422ETQ2	40,000.00	Α	A2	03/10/17	03/15/17	39,968.80	2.23	264.00	39,976.86	39,957.96	
GOLDMAN SACHS GROUP INC CORP NOTES DTD 01/23/2015 2.600% 04/23/2020	38148LAA4	30,000.00	BBB+	A3	11/01/17	11/03/17	30,226.20	2.28	147.33	30,211.82	30,040.86	
APPLE INC BONDS DTD 05/11/2017 1.800% 05/11/2020	037833CS7	60,000.00	AA+	Aa1	05/04/17	05/11/17	59,938.80	1.84	150.00	59,951.56	59,491.86	



EL TORO WATER DISTRICT - INVESTMENT ACCOUNT												
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value	
Corporate Note												
INTEL CORP NOTES DTD 05/11/2017 1.850% 05/11/2020	458140AZ3	90,000.00	) A+	A1	05/08/17	05/11/17	89,965.80	1.86	231.25	89,972.93	89,586.72	
HOME DEPOT INC CORP NOTES DTD 06/05/2017 1.800% 06/05/2020	437076BQ4	40,000.00	) A	A2	05/24/17	06/05/17	39,976.80	1.82	52.00	39,981.13	39,681.92	
WALT DISNEY COMPANY CORP NOTES DTD 06/06/2017 1.800% 06/05/2020	25468PDU7	70,000.00	) A+	A2	06/01/17	06/06/17	69,918.80	1.84	91.00	69,933.88	69,420.40	
JOHN DEERE CAPITAL CORP NOTES DTD 06/22/2017 1.950% 06/22/2020	24422ETS8	20,000.00	) A	A2	06/19/17	06/22/17	19,987.80	1.97	9.75	19,989.88	19,858.16	
STATE STREET CORP NOTES DTD 08/18/2015 2.550% 08/18/2020	857477AS2	10,000.00	) A	A1	08/25/17	08/30/17	10,207.80	1.83	94.21	10,184.81	10,066.33	
STATE STREET CORP NOTES DTD 08/18/2015 2.550% 08/18/2020	857477AS2	70,000.00	) A	A1	08/25/17	08/30/17	71,471.40	1.82	659.46	71,308.60	70,464.31	
CATERPILLAR FINL SERVICE NOTE DTD 09/07/2017 1.850% 09/04/2020	14913O2A6	70,000.00	) A	A3	09/05/17	09/07/17	69,941.20	1.88	410.08	69,947.25	69,182.82	
CITIGROUP INC CORP NOTES DTD 10/26/2015 2.650% 10/26/2020	172967KB6	40,000.00	) BBB+	Baa1	11/01/17	11/03/17	40,359.60	2.34	191.39	40,340.75	40,133.88	
PACCAR FINANCIAL CORP NOTES DTD 11/13/2017 2.050% 11/13/2020	69371RN85	20,000.00	) A+	A1	11/06/17	11/13/17	19,998.20	2.05	54.67	19,998.28	19,847.72	
VISA INC (CALLABLE) CORP NOTES DTD 12/14/2015 2.200% 12/14/2020	92826CAB8	20,000.00	) A+	A1	08/25/17	08/30/17	20,220.00	1.85	20.78	20,197.76	19,984.24	
WAL-MART STORES INC CORP NOTE DTD 10/20/2017 1.900% 12/15/2020	931142EA7	90,000.00	) AA	Aa2	10/11/17	10/20/17	89,869.50	1.95	337.25	89,877.86	89,420.31	
UNITED PARCEL SERVICE CORPORATE BOND DTD 11/14/2017 2.050% 04/01/2021	911312BP0	90,000.00	) A+	A1	11/09/17	11/14/17	89,857.80	2.10	240.88	89,862.86	89,523.99	
PEPSICO INC CORP (CALLABLE) NOTE DTD 10/10/2017 2.000% 04/15/2021	713448DX3	30,000.00	) A+	A1	10/05/17	10/10/17	29,994.00	2.01	135.00	29,994.39	29,658.75	
BANK OF AMERICA CORP (CALLABLE) DTD 09/18/2017 2.328% 10/01/2021	06051GGS2	90,000.00	) A-	А3	09/13/17	09/18/17	90,000.00	2.33	599.46	90,000.00	89,746.29	



Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Security Type Sub-Total		2,585,000.00					2,602,944.00	1.85	17,742.84	2,588,760.23	2,574,135.17
Commercial Paper											
BANK OF TOKYO MITSUBISHI UFJ COMM PAPER DTD 05/01/2017 0.000% 01/26/2018	06538CAS0	150,000.00	) A-1	P-1	05/01/17	05/02/17	148,296.33	1.54	0.00	149,841.67	149,814.00
Security Type Sub-Total		150,000.00	)				148,296.33	1.54	0.00	149,841.67	149,814.00
Certificate of Deposit											
CANADIAN IMPERIAL BANK NY CD DTD 12/05/2016 1.760% 11/30/2018	13606A5Z7	250,000.00	) A-1	P-1	04/19/17	04/21/17	250,320.00	1.25	378.89	250,181.23	249,472.25
SVENSKA HANDELSBANKEN NY LT CD DTD 01/12/2017 1.890% 01/10/2019	86958JHB8	200,000.00	AA-	Aa2	01/10/17	01/12/17	200,000.00	1.91	1,837.50	200,000.00	199,115.80
BANK OF MONTREAL CHICAGO CERT DEPOS DTD 02/09/2017 1.880% 02/07/2019	06427KRC3	180,000.00	) A+	A1	02/08/17	02/09/17	180,000.00	1.90	1,353.60	180,000.00	180,222.66
BANK OF NOVA SCOTIA HOUSTON LT CD DTD 04/06/2017 1.910% 04/05/2019	06417GUE6	180,000.00	) A+	A1	04/05/17	04/06/17	180,000.00	1.91	840.40	180,000.00	179,348.40
SUMITOMO MITSUI BANK NY CD DTD 05/04/2017 2.050% 05/03/2019	86563YVN0	180,000.00	) A	A1	05/03/17	05/04/17	180,000.00	2.05	604.75	180,000.00	179,876.88
SKANDINAV ENSKILDA BANKEN NY CD DTD 08/04/2017 1.840% 08/02/2019	83050FXT3	180,000.00	) A+	Aa3	08/03/17	08/04/17	179,929.80	1.85	1,380.00	179,944.26	177,688.72
BANK TOKYO MITSUBISHI UFJ LTD LT CD DTD 09/27/2017 2.070% 09/25/2019	06539RGM3	100,000.00	) A+	A1	09/25/17	09/27/17	100,000.00	2.07	552.00	100,000.00	99,532.10
WESTPAC BANKING CORP NY CD DTD 08/07/2017 2.050% 08/03/2020	96121T4A3	150,000.00	) AA-	Aa3	08/03/17	08/07/17	150,000.00	2.05	1,230.00	150,000.00	149,751.00
SWEDBANK (NEW YORK) CERT DEPOS DTD 11/17/2017 2.270% 11/16/2020	87019U6D6	135,000.00	AA-	Aa3	11/16/17	11/17/17	135,000.00	2.30	383.06	135,000.00	134,270.73
Security Type Sub-Total		1,555,000.00	)				1,555,249.80	1.87	8,560.20	1,555,125.49	1,549,278.5



EL TORO WATER DISTRICT - INVESTMENT ACCOUNT														
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Dar	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value			
Asset-Backed Security / Collateralized Mortgage Obligation														
NISSAN ABS 2015-A A3 DTD 04/14/2015 1.050% 10/15/2019	65477UAC4	6,773.54	NR	Aaa	03/10/17	03/15/17	6,741.79	1.28	3.16	6,753.02	6,760.26			
CNH 2017-A A2 DTD 03/22/2017 1.640% 07/15/2020	12636WAB2	182,017.09	AAA	NR	03/15/17	03/22/17	182,010.10	1.80	132.67	182,011.43	181,752.35			
TOYOTA ABS 2017-A A3 DTD 03/15/2017 1.730% 02/15/2021	89238MAD0	50,000.00	AAA	Aaa	03/07/17	03/15/17	49,994.12	1.74	38.44	49,994.24	49,752.48			
JOHN DEERE ABS 2017-A A3 DTD 03/02/2017 1.780% 04/15/2021	47787XAC1	30,000.00	NR	Aaa	02/22/17	03/02/17	29,995.73	1.79	23.73	29,995.73	29,855.99			
TOYOTA ABS 2017-B A3 DTD 05/17/2017 1.760% 07/15/2021	89190BAD0	100,000.00	AAA	Aaa	05/09/17	05/17/17	99,992.33	1.76	78.22	99,992.33	99,340.85			
HONDA ABS 2017-1 A3 DTD 03/28/2017 1.720% 07/21/2021	43814TAC6	40,000.00	NR	Aaa	03/21/17	03/28/17	39,997.62	1.72	19.11	39,997.62	39,740.57			
HYUNDAI ABS 2017-A A3 DTD 03/29/2017 1.760% 08/15/2021	44931PAD8	40,000.00	AAA	NR	03/22/17	03/29/17	39,996.76	1.76	31.29	39,996.76	39,789.55			
NISSAN ABS 2017-A A3 DTD 03/28/2017 1.740% 08/15/2021	654747AD6	50,000.00	NR	Aaa	03/21/17	03/28/17	49,994.71	1.74	38.67	49,994.84	49,695.84			
ALLY ABS 2017-2 A3 DTD 03/29/2017 1.780% 08/15/2021	02007HAC5	70,000.00	NR	Aaa	03/21/17	03/29/17	69,991.75	1.79	55.38	69,993.24	69,743.13			
HONDA ABS 2017-2 A3 DTD 06/27/2017 1.680% 08/15/2021	43811BAC8	90,000.00	AAA	Aaa	06/20/17	06/27/17	89,992.22	1.68	67.20	89,992.22	89,249.27			
CCCIT 2017-A9 A9 DTD 10/02/2017 1.800% 09/20/2021	17305EGH2	100,000.00	AAA	NR	09/25/17	10/02/17	99,992.55	1.80	445.00	99,993.05	99,488.46			
JOHN DEERE ABS 2017-B A3 DTD 07/15/2017 1.820% 10/15/2021	47788BAD6	30,000.00	NR	Aaa	07/11/17	07/18/17	29,997.80	1.82	24.27	29,998.05	29,776.14			
FORD ABS 2017-B A3 DTD 06/27/2017 1.690% 11/15/2021	34531HAD1	70,000.00	AAA	Aaa	06/20/17	06/27/17	69,996.89	1.69	52.58	69,996.89	69,902.22			
AMERICAN EXPRESS ABS 2017-4 A DTD 05/30/2017 1.640% 12/15/2021	02582JHG8	100,000.00	AAA	NR	05/22/17	05/30/17	99,983.98	1.65	72.89	99,985.89	99,482.79			



EL TORO WATER DISTRICT -	INVESTMEN	T ACCOUN	Т								
Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Asset-Backed Security / Collateral	lized Mortgage (	Obligation									
HYUNDAI ABS 2017-B A3 DTD 08/16/2017 1.770% 01/15/2022	44932GAD7	80,000.00	) AAA	Aaa	08/09/17	08/16/17	79,986.14	1.78	62.93	79,987.27	79,374.30
ALLYA 2017-5 A3 DTD 11/22/2017 1.990% 03/15/2022	02007YAC8	70,000.00	) AAA	Aaa	11/14/17	11/22/17	69,994.57	1.99	61.91	69,994.69	69,775.09
FORDO 2017-C A3 DTD 11/21/2017 2.010% 03/15/2022	34532AAD5	110,000.00	) AAA	NR	11/14/17	11/21/17	109,980.17	2.02	98.27	109,980.61	109,677.46
CITIBANK ABS 2017-A3 A3 DTD 04/11/2017 1.920% 04/07/2022	17305EGB5	100,000.00	) AAA	NR	05/15/17	05/22/17	100,267.00	1.82	448.00	100,243.30	99,376.19
Security Type Sub-Total		1,318,790.63	3				1,318,906.23	1.79	1,753.72	1,318,901.18	1,312,532.94
Managed Account Sub-Total		9,018,790.63	3				9,023,875.85	1.66	39,458.57	9,014,609.83	8,951,195.29
Money Market Fund											
CAMP Pool		52,759.46	5 AAAm	NR			52,759.46		0.00	52,759.46	52,759.46
Money Market Sub-Total		52,759.46	5				52,759.46		0.00	52,759.46	52,759.46
Securities Sub-Total		\$9,071,550.09	)				\$9,076,635.31	1.66%	\$39,458.57	\$9,067,369.29	\$9,003,954.75
Accrued Interest											\$39,458.57
Total Investments											\$9,043,413.32

### CAPITAL PROJECT / EQUIPMENT STATUS REPORT

### January, 2018

### I Oso Lift Station Improvement Project

Design is in progress. Staff provided comments on the 30% design submittal to Tetra Tech. The 60% design should be complete in January. The final design is expected to be complete in March.

### II Phase II Recycled Water Distribution System Expansion Project

#### Construction

West Side System

Pipeline construction is underway.

East Side System

Pipeline construction is underway.

The following project information items are attached:

- Cost Tracking & Estimate
- Construction Summary
- Change Order Log

### III Phase III Recycled Water Distribution System Expansion Project

Staff is working on a high level project summary that will evaluate and compare the costs and benefits of various recycled water project options. Staff is preparing to make a report to the Board, at a conceptual level, in the near future regarding potential future recycled water projects.

### IV 2<sup>nd</sup> Street Pump Station Demolition Project

The demolition project is underway and should be complete by the end of January.

### V Upcoming Projects

Staff will provide an update on anticipated projects that will be brought to the Board for approval in the next couple months.

#### VI South Orange County Supply and System Reliability Projects

#### A. Baker Water Treatment Product Water Conveyance Options

Moulton Niguel Water District is evaluating a potential new turnout on the South County Pipeline that would include a turnout connection dedicated to the ETWD Baker supply. MNWD has verbally indicated they are prepared to continue the temporary conveyance of water through the Los Alisos interconnection until such time that the permanent conveyance facilities are complete.

#### B. Poseidon HB Ocean Desalination Project

OCWD continues to work on preparation of CEQA (EIR) documentation for the project. The process is going slowly. The EIR will consider the impacts of injecting all of the water into the basin. That option would require over 30 new injection wells for which it has been difficult to find appropriate site locations. They are also studying how to construct a new six-mile pipeline to convey water to SOC as they suspect that Met will not allow them to use EOC Feeder No. 2 to convey the product water. This pipeline option will be incorporated into the EIR. The pipeline would be designed to convey 10 mgd (base loaded) to MNWD (4mgd), SMWD (5 mgd) and ETWD (1mgd).

At a hearing held on October 19 the State Lands Commission approved the Poseidon project as long as Poseidon agrees to a eliminate or reduce carbon emissisons. Poseidon will pursue renewal of their NPDES discharge permit with the Santa Ana Regional Water Quality Control Board in early 2018. It is anticipated that Poseidon will then seek project approval from the Coastal Commission sometime next summer.

The Project moving forward is contingent upon:

- Poseidon securing the Coastal Commission Permit
- Poseidon renewing their Regional Water Quality Control Board Permit
- MWDOC securing a Met LRP (\$475/acre foot over a 15-year period)
- If molecules were to be delivered to South County obtaining Met approval to introduce product water into East Orange County Feeder No. 2

Met approval of the LRP is subject to Poseidon receiving all applicable regulatory and environmental permits.

OCWD and Poseidon have agreed on a non-binding term sheet which will be the basis for negotiating a Water Purchase Agreement.

Capital Project Status Report January, 2018 <u>Page 3</u>

Agreed upon rate between Poseidon and OCWD Met rate plus an escalating surcharge over a 50-year period:

- 20% first 10 years
- 15% second 10 years
- 10% third ten years
- 5% fourth ten years
- 0% for the last ten years

There is also a "reopener" to renegotiate based upon actual expenses at 15 years which, is tied to the proposed 15 year Met LRP.

OCWD takes delivery at the plant property line and is responsible for design, financing, construction and operation of the delivery system.

# PHASE II RECYCLED WATER DISTRIBUTION SYSTEM EXPANSION PROJECT TOTAL PROJECT COST ESTIMATE

	Estimate		To Date
	December	January	
Construction			
West Side System			
E.J. Meyer Construciton Contract	\$3,708,888	\$3,708,888	
Allowance for Utility Conflicts	\$150,000	\$150,000	
Contingency	\$175,000	\$175,000	
Total	\$4,033,888	\$4,033,888	273,698
East Side System			
T.E. Roberts Construction Contract	\$1,337,411	\$1,337,411	
Allowance for Utility Conflicts	\$75,000	\$75,000	
Contingency	\$65,000	\$65,000	
Total	\$1,477,411	\$1,477,411	76,575
Total Construction			
Engineers Estimate	\$5,046,299	\$5,046,299	
Allowance for Utility Conflicts (Contingency)	\$225,000	\$225,000	
Contingency	\$240,000	\$240,000	
Total Construction	\$5,511,299	\$5,511,299	350,273
Engineering Design			
Engineering Design (Tetra Tech)	\$241,000	\$241,000	
Retrofit Site Plans	\$66,500	\$66,500	
Easement Exhibits (Tetra Tech)	\$32,500	\$32,500	
Subtotal Design	\$340,000	\$340,000	288,449
Planning			
CEQA (Dudek)	\$67,805	\$67,805	67,805
Funding Research		\$9,701	9,701
SRF Application Support		\$13,536	13,536
Subtotal Planning	\$67,805	\$91,042	91,042
Construction Support			
CEQA Construction Support	\$15,000	\$15,000	550
Engineering Construction Support - Tetra Tech	\$145,000	\$145,000	9,942
Construction Management & Inspection - MWH	\$435,991	\$435,991	129,861
Construction Management & Inspection - Geotech	\$85,995	\$85,995	
Labor Compliance Consultant - GSLC	\$42,840	\$42,840	
Public Relations		\$75,000	4,921
Miscellaneous Construction Support	\$75,000	\$75,000	6,843
Subtotal Construction Support	\$799,826	\$874,826	\$152,117
Administration			
Legal	\$50,000	\$50,000	
Funding Research	\$9,701		
SRF Application Support	\$13,536		
Public Relations	\$75,000		
Miscellaneous	\$75,000	\$75,000	
Easments Compensation	\$34,600	\$34,600	
Title Insurance	\$16,500	\$16,500	\$16,500
Subtotal Administration	\$274,337	\$176,100	\$16,500
On Site Conversions/Retrofits Construction	\$700,000	\$700,000	\$0
Total Project	\$7,693,267	\$7,693,267	898,381

# PHASE II RECYCLED WATER DISTRIBUTION SYSTEM EXPANSION PROJECT

#### **CONSTRUCTION SUMMARY**

## **EAST SIDE SYSTEM**PIPELINE INSTALLATION PROGRESS

DIAMETER	CONTRACT (LF)	INSTALLED (LF)	COMPLETION PERCENTAGE
6"	3,671	1,050	29%
4"	4,002		0%
TOTAL	7,673	1,050	14%

#### **Construction Completion**

Progress Billings	\$76,575	6%
Allowance Utilization	\$0	0%
Change Orders	\$0.00	0.0%

## WEST SIDE SYSTEM PIPELINE INSTALLATION PROGRESS

DIAMETER	CONTRACT (LF)	INSTALLED (LF)	COMPLETION PERCENTAGE
10"	1,349	350	26%
6"	949		0%
4"	18,343	4,050	22%
TOTAL	20,641	4,400	21%

#### **Construction Completion**

Progress Billings (August)	\$266,880	7%
Allowance Utilization	\$25,624.57	17%
Change Orders	\$6,817.99	0.2%

# TOTAL DISTRIBUTION SYSTEM PIPELINE INSTALLATION PROGRESS

DIAMETER	CONTRACT (LF)	INSTALLED (LF)	COMPLETION PERCENTAGE
10"	1,349	350	26%
6"	4,620	1,050	23%
4"	22,345	4,050	18%
TOTAL	28,314	5,450	19%

#### **Construction Completion**

Progress Billings	\$343,455	7%
Allowance Utilization	\$25,624.57	11%
Change Orders	\$6,817.99	0.1%

# PHASE II RECYCLED WATER DISTRIBUTION SYSTEM EXPANSION PROJECT

### **CONSTRUCTION CHANGE ORDER SUMMARY**

	ORIGINAL	TOTAL	CHANGE
PROJECT	CONTRACT	CHANGE	ORDER
	VALUE	ORDERS	PERCENTAGE
EAST SIDE SYSTEM PROJECT	1,337,411	0	0.0%
WEST SIDE SYSTEM PROJECT	3,858,888	6,818	0.2%
TOTAL	5,196,299	6,818	0.1%

**West Side System** 

Change Order No. 1

Additional pipeline cost due to \$6,817.99 Hurricane Harvey related supply issues.

#### F.Y. 2017/18 CAPITAL REPLACEMENT AND REFURBISHMENT PROGRAM BUDGET ITEMS > \$50,000 **BOARD APPROVAL SCHEDULE**

	Project Description	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Budget Estimate	Board Approved Cost
201	7/18 Capital Projects														
1	Recycled Water Phase II	В	Α	С	Α	С	С	С	С	С	С	С	С	\$10,000,000	\$4,439,879
2	Replace R-6 Sodium Hypochlorite Tanks	E	E	E				В	Α	С	С			\$210,000	
3	Oso Lift Station Improvement Project	E	E	E	E	Е	E	Е	E	E	В	Α	С	\$1,000,000	
4	AMR / AMI Implementation								RFP	RFP				\$200,000	
5	Master Plan Update							RFP	RFP	Α	E	E		\$350,000	
6	A/C Pavement Repair and Maintenance at Los Alisos Facility						E	В	Α	С				\$100,000	
201	7/18 Capital Equipment														
1	Also Creek Lift Station Spare Grinder			Quot	e is <\$50	K. Will be	Purchas	ed Unde	r GM Aut	hority				\$52,500	\$0
2	Northline Lift Station Spare Grinder			Α										\$84,000	\$82,946
3	WRP Tractor										A			\$200,000	
4	Vehicle Replacement									A		R		\$100,000	
5	250KW Portable Emergency Generator		Α											\$210,000	\$141,826
6	Backhoe								Α		R			\$168,000	
	<u>Total</u>						\$12,674,500	<u>\$4,664,651</u>							

E = Engineering/Study R = Receive RFP = Request for Proposal ET = Evaluate P = Permit C = Construction B = Bid M = Monitoring O = Order

CQ = CEQA A = Approve by Board **BP = Board Presentation** 

N = Negotiate CO = Carry Over Revised 01/18/18

#### EL TORO WATER DISTRICT INSURANCE UPDATE January 2018

#### **Liability Program**

The Liability Coverage has been renewed for another year by JPIA effective October 1, 2018. Premium for this year is \$137,304.20. Last year's premium was \$133,366.57. The premium is based on payroll and claims experience from previous year.

#### **Property Insurance**

There is nothing new to report this quarter.

#### **Excess Public Employee Fidelity Program**

There is nothing new to report this quarter.

#### **Underground Storage Tank Pollution Liability**

There is nothing new to report this quarter.

#### **Dam Failure Liability**

Dam Failure Liability was renewed in October 2017 for \$10,000,000.00 by JPIA. We have additional insurance for El Toro Reservoir & Rossmoor Dam for an additional \$10,000,000.00. The premium for this year \$15,855.00. Last year's premium was \$15,893.00.

### Fiduciary Liability Policy

There is nothing new to report this quarter.

### **Liability & Property Claims**

- 1. On February 20, 2017 there was a water main rupture at Clubhouse 4 in Laguna Woods Village. No claim had been sent until September 29, 2017 when Golden Rain Foundation of Laguna Woods sent in invoices for all the work that was done to fix their facilities. We realized there was damage but it is the first we heard from them. This claim was settled December 6, 2017.
- 2. On October 3, 2017 a district pipeline was damaged in the Willow Tree Plaza shopping center located on the N/E corner of El Toro Road and Moulton. The water flow ran through an active construction site. A main line was hit due to miss marking of pipeline so it is the District's fault. This claim was sent to JPIA & is still pending.
- On November 15, 2017a claim was sent due to a backed up sewer. Roto Rooter came out & TV'd the line. Our employees went out to verify the clean out was on our side. The customer was reimbursed for the plumbing bill. This claim is closed.

#### **Workers' Compensation Policy**

The Workers' Compensation Policy was renewed as of July 1, 2017 and runs through June 30, 2018. The District's experience modification rate is down from 1.37 to 1.17 for FY 17/18.

#### **Workers' Compensation Claims**

There were no worker's compensation claims this quarter.

#### **Medical Insurance**

The District offers three medical plans as follows:

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

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

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

Average cost per month per employee for the second quarter is \$1252.89.

#### Vision Insurance

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

The cost per month per employee for the second guarter is \$17.21.

#### **Dental Insurance**

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

Average cost per month per employee for the second quarter is \$77.84.

#### Long and Short Term Disability Insurance

The District offers Long and Short Term Disability Program through Lincoln National Life Insurance Company.

The Long Term Disability program provides a maximum monthly benefit of \$10,000. The Short Term Disability program provides a maximum weekly benefit of \$1,500.

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

Average cost per month per employee for the second guarter is \$46.06.

#### Long Term Care Insurance

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

Average cost per month per employee for the second quarter is \$7.73

#### Life Insurance Coverage

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

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

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

Average cost per month per employee for the second quarter is \$37.48.

#### Employee Assistance Program (EAP) Coverage

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

The cost per month per employee for the second guarter is \$1.70.

An insurance report of Budget vs. Actual Costs for fiscal year 2017/2018 is attached for the Board's review as well as a summary of currently held District insurance policies.

Submitted by: Nancy Laursen Judy Cimorell

Budget vs. Actual - Q2 2017/18 1/1/2018

0	Annual Budget	Actual Paid to Date	Difference	
nsurance Coverage	Duagot	I did to bato		
iability	\$135,000	\$137,304	\$2,304	
Property	\$73,000	\$70,172	(\$2,828)	
Fiduciary Liability	\$6,300	\$6,143	(\$157)	
Dam Ins. (includes Excess)	\$15,900	\$15,855	(\$45)	
ess SMWD- 50% &	(\$7,950)	(\$7,928)	\$23	
MNWD 5% - R-6	(\$795)	(\$793)	\$2	
Jnderground Storage Tank	\$1,200	\$1,193	(\$7)	
Public Employee Fidelity	\$1,750	\$1,734	(\$16)	
Total Insurance	\$224,405	\$223,681	(\$724)	
			Accumulative	
	Annual	Q1 & Q2	Q1 & Q2	
Benefits - Directors	Budget	Budget	Actual	Difference
		(2002)	ar New carrier	
Long Term Care	\$18,471	\$9,236	\$4,200	(\$5,035)
Dental	\$4,728	\$2,364	\$2,202	(\$162)
Vision	\$1,045	\$523	\$516	(\$6)
_ife	\$185	\$93	\$73	(\$20)
Fotal Benefits Directors	\$24,429	\$12,215	\$6,991	(\$5,224)
Retiree Benefits				
Vledical	\$218,101	\$109,051	\$101,485	(\$7,566)
Employee paid	(\$21,810)	(\$10,905)	(\$10,517)	\$388
Anthem Supplement	\$13,101	\$6,551	\$6,358	(\$192)
Total retiree benefits	\$209,392	\$104,696	\$97,326	(\$7,370)
Employee Benefits				
Emp.Assistance Program	\$1,276	\$638	\$592	(\$46)
Vledical	\$1,117,355	\$558,678	\$481,449	(\$77,229)
≣mp. Co-pay	(\$85,950)	(\$42,975)	(\$40,146)	\$2,829
_ife/AD&D	\$29,421	\$14,711	\$13,857	(\$853)
Dental	\$63,750	\$31,875	\$28,889	(\$2,986)
Vision	\$12,984	\$6,492	\$6,213	(\$279)
LTD/STD	\$36,107	\$18,054	\$16,805	(\$1,248)
LTC	\$9,066	\$4,533	\$3,770	(\$763)
LTC-Emp. Paid	(\$2,598)	(\$1,299)	(\$984)	\$315
Workers comp.	\$175,723	\$87,862	\$72,926	(\$14,936)
Total Employee Benefits	\$1,357,134	\$678,567	\$583,371	(\$95,196)

GENERAL LIABILITY	Coverage Term: 10/17-18
<ol> <li>Commercial General Liability</li> <li>Contractual Liability</li> <li>Products/Completed Operations</li> <li>Personal Injury</li> </ol>	Premium - \$137,304.20
Insurance Carrier	Policy Number
Pooled Self-insured	MOLC - 100110
AUTO LIABILITY	Coverage Term: 10/17-18
<ol> <li>Owned Automobiles/Trucks</li> <li>Non-owned Automobiles/Trucks</li> <li>Hired Automobiles/Trucks</li> </ol>	Premium - Included
Insurance Carrier	Policy Number
Pooled Self-insured	MOLC - 100110
PUBLIC OFFICIALS LIABILITY	Coverage Term: 10/17-18
1. Errors & Omissions	Premium - Included
Insurance Carrier	Policy Number
Pooled Self-insured	MOLC - 100110
PROPERTY	Coverage Term: 4/17 - 18
<ol> <li>Basic Property Values- Building, Fixed Equipment, Personal Property</li> <li>Mobile Equipment Value</li> <li>Licensed Vehicle - Comprehensive &amp; Collision - Private Passenger, Light Truck, Sport Utility, Other Vehicles</li> </ol>	Premium - \$70,172
Insurance Carrier	Policy Number
	1. Commercial General Liability 2. Contractual Liability 3. Products/Completed Operations 4. Personal Injury Insurance Carrier Pooled Self-insured  AUTO LIABILITY 1. Owned Automobiles/Trucks 2. Non-owned Automobiles/Trucks 3. Hired Automobiles/Trucks Insurance Carrier Pooled Self-insured  PUBLIC OFFICIALS LIABILITY 1. Errors & Omissions  Insurance Carrier Pooled Self-insured  PROPERTY 1. Basic Property Values- Building, Fixed Equipment, Personal Property 2. Mobile Equipment Value 3. Licensed Vehicle - Comprehensive & Collision - Private Passenger, Light

Type of Coverage Coverage Term: 4/17-18 **EXCESS CRIME PROGRAM** Coverage Includes Premium - \$1,734 1. Public Employee Dishonesty 2. Forgery or Alteration 3. Computer Fraud 4. Faithful Performance of Duty 5. Treasurer/Tax Collector/Board Members (included) **Coverage Limits** Insurance Carrier **Policy Number** Pooled Self-insured MOLC - 100110 UNDERGROUND STORAGE TANK Type of Coverage POLLUTION LIABILITY Coverage Term: 7/17-18 Coverage Includes 1. Claims-Made Premium - \$1,193. 2. Environmental Incident Covers 1 Tank Located at: 23542 Moulton Parkway Laguna Woods, CA 92637 Coverage Limits Insurance Carrier Policy Number Pooled Self-insured MOLC - 100110 Type of Coverage Coverage Term: 10/17-18 DAM FAILURE LIABILITY Coverage (Includes Excess Ins. 1. Bodily Injury Premium - \$15,855. for El Toro Reservoir) 2. Property Damage Covers: El Toro Reservoir Rossmoor Dam **Coverage Limits** Insurance Carrier **Policy Number** \$20 Million - ETWD & Rossmoor Pooled Self-insured MOLC - 100110 Type of Coverage FIDUCIARY LIABILITY Coverage Term: 9/17-18 Coverage Includes 1. Executive Protection Policy \$6,143.00 Parent Organization: ETWD Retirement Savings Plan & **Trust Agreement Coverage Limits** Insurance Carrier **Policy Number** Travelers Casualty & Surety Co. of America 105992703 Type of Coverage WORKERS' COMPENSATION Coverage Term: 7/17 - 6/18 Coverage Includes 1. Coverage A - Workers' Compensation Premium - Paid Quarterly 2. Coverage B - Employer's Liability Varies per Payroll Insurance Carrier **Policy Number Coverage Limits** Coverage A \$0 - \$2 Million Pooled Self-insured MOLC - 100110 \$2 Million to Statutory Insurance Carrier **Policy Number Coverage Limits** Coverage B \$0 - \$2 Million Pooled Self-insured MOLC - 100110 \$2 Million excess of \$2 Million SIR 2nd Quarter Premium Type of Coverage LIFE & ACCIDENT \$6,858 Coverage Includes Coverage - 2 X Annual Income (Max. of \$300,000) Insurance Carrier Lincoln National Life Insurance Co. Policy # 10218807 **Eligibility Period** 2 Months After Hire Plan Wait or Deductible 60 Days 2nd Quarter Premium Type of Coverage LONG / SHORT TERM DISABILITY \$8,383 Coverage Includes 66 2/3 Insured Earnings Max. of \$10,000 Insurance Carrier Lincoln National Life Insurance Co. Policy # 10218808 1 Year After Hire **Eligibility Period** Plan Wait or Deductible 30 Days STD 90 Days or 9 Weeks LTD Type of Coverage LONG TERM CARE 2nd Quarter Premium \$1,407 \$2,500/Month Coverage Includes \$150,000 Total Benefit Insurance Carrier MUNU Policy # 220384 **Eligibility Period** 1 Year After Hire Plan Wait or Deductible 365 Days

	The state of the s	
Type of Coverage	PERSONAL ACCIDENT INSURANCE	2nd Quarter Premium Employee Paid
Coverage Includes	\$50,000 or \$100,000	
Insurance Carrier	INA	Policy # OKH-1253-56
Eligibility Period	Optional	
Plan Wait or Deductible	None	
Type of Coverage	DENTAL	2nd Quarter Premium \$15,268
Coverage Includes	\$25.00 or \$50.00/Family	
Insurance Carrier	Delta Dental Plan of California	Policy #399-1012
Eligibility Period	2 Months After Hire	
Plan Wait or Deductible	60 Days	
Type of Coverage	MEDICAL.	2nd Quarter Premium \$271,824
Coverage Includes	HMO or PPO by Employee Choice	
Insurance Carrier	Anthem Blue Cross / Kaiser Insurance thru ACWA	Policy #229CA
Eligibility Period	1 Month After Hire	
Plan Wait or Deductible	30 Days  * Premium includes e	employees and retirees
Type of Coverage	VISION	2nd Quarter Premium
Coverage Includes	Annual Exam/Frame Every 2 Years	\$3,270
Insurance Carrier	Vision Service Plan thru ACWA	Policy #399-1012
Eligibility Period	2 Months After Hire	
Plan Wait or Deductible	60 Days	
= 1.		74

### EL TORO WATER DISTRICT FINANCIAL REPORT January 22, 2018

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EL TORO WATER DISTRICT
BALANCE SHEET

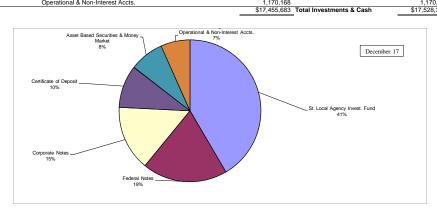
	12/31/17 (Unaudited)	June 30, 2017 (Audited)
ASSETS		
Current Assets		
Cash & Investments	\$5,908,905	\$6,580,471
Receivables:		
Accounts Receivable	2,491,075	3,037,710
Notes Receivable	-	-
Inventories	620,490	562,451
Prepaid Expenses	331,592	201,595
Total Current Assets	9,352,062	10,382,226
Restricted Assets		
Cash & Investments	11,552,003	10,797,628
Total Restricted Assets	11,552,003	10,797,628
Non-Current Assets Utility Plant:		
Land & Easements	7,451,585	7,451,585
Long Term Leases	342,382	342,382
Equipment	111,721,275	111,005,328
Collection & Impound Reservoirs	6,243,706	6,243,706
Structure & Improvements	34,640,855	34,640,855
Total Utility Plant	160,399,804	159,683,857
Less Accumulated Depreciation		
& Amortization	(68,900,728)	(66,782,443)
Net Utility Plant	91,499,077	92,901,415
Construction Work in Progress Notes Receivable	2,432,681	1,841,774
Total Non-current Assets	93,931,758	94,743,188
TOTAL ASSETS	\$114,835,823	\$115,923,043

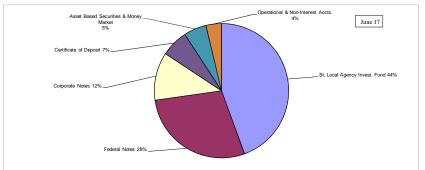
Page 3
EL TORO WATER DISTRICT
BALANCE SHEET

	12/31/17 (Unaudited)	June 30, 2017 (Audited)
LIABILITIES and EQUITY		(Francisco sty
Liabilities		
Current Liabilities Payable	•	
Accounts Payable	\$1,299,700	\$1,869,851
Current Portion of Long-Term Debt	389,276	1,745,817
Other Current Liabilities	7,688,177	7,547,548
Total Current Liabilities Payable		
From Current Assets	9,377,153	11,163,216
Long Term Debt		
Long Term Debt	35,802,806	35,802,806
Total Long Term Debt	35,802,806	35,802,806
Total Liabilities	45,179,959	46,966,022
Fund Equity		
Retained Earnings - Reserved	22,174,300	22,174,300
Contributed Capital	8,744,767	8,744,767
Retained Earnings - Unreserved	38,037,954	38,615,382
Net Income	698,843	(577,428)
Total Fund Equity	69,655,864	68,957,021
Total Liabilites & Fund Equity	\$114,835,823	\$115,923,043

### CASH & INVESTMENTS SUMMARY OF INVESTMENTS BY TYPE

	Maturity Dates	Par	Market Value 12/31/17	Financial Institution	YTM 12/31/17	Original Cos 12/31/17
State Local Agency Investment Fund	NA NA	NA NA	\$7,281,561	LAIF	1.24%	\$7,281,56
<b>3</b> ,						
S Treasury N/B - Coupon Rate 1.625%	7/31/2020	60,000	59,538	US Bank/CAMP	1.60%	60,03
S Treasury N/B - Coupon Rate 1.375% S Treasury N/B - Coupon Rate 1.375%	8/31/2020 8/31/2020	110,000 260,000	108,393 256,202	US Bank/CAMP US Bank/CAMP	1.53% 1.44%	109,50 259,52
S Treasury N/B - Coupon Rate 1.375%	10/31/2020	160,000	157,419	US Bank/CAMP	1.65%	158,70
S Treasury N/B - Coupon Rate 1.750%	12/31/2020	340,000	337,636	US Bank/CAMP	1.90%	338,5
ntl BK of Recon & Dev Global Notes - Coupon Rate 1.125%	11/27/2019	110,000	108,164	US Bank/CAMP	1.50%	109,0
ntl BK of Recon & Dev Notes - Coupon Rate 1.875%	4/21/2020	90,000	89,618	US Bank/CAMP	1.90%	89,9
nter-American Devel BK Note - Coupon Rate 1.625%	5/12/2020	150,000	148,591	US Bank/CAMP	1.70%	149,6
ntl BK of Recon & Dev Notes - Coupon Rate 1.561%	9/12/2020	90,000	88,395	US Bank/CAMP	1.64%	89,7
nter-American Development Bank - Coupon Rate 2.125% HLMC Reference Note- Coupon Rate 0.875%	11/9/2020 7/19/2019	90,000 800,000	90,076 787,491	US Bank/CAMP US Bank/CAMP	1.81% 1.08%	90,8 795,6
NMA Notes - Coupon Rate 1.000%	8/28/2019	950,000	935,987	US Bank/CAMP	1.10%	947,4
NMA Notes - Coupon Rate 1.500%	2/28/2020	200,000	197,925	US Bank/CAMP	1.52%	199,8
Federal Notes	_	3,410,000	3,365,435			3,398,4
P Morgan Chase Notes - Coupon Rate 6.000%	1/15/2018	150,000	150,209	US Bank/CAMP	1.79%	163,20
ohn Deere Capital Corp Coupon Rate 1.650%	10/15/2018	30,000	29,933	US Bank/CAMP	1.69%	29,9
oyota Motor Credit Corp Coupon Rate 1.700%	1/9/2019	150,000	149,690	US Bank/CAMP	1.72%	149,9
S Bankcorp (Callable) Notes - Coupon Rate 2.200%	4/25/2019	150,000	150,425	US Bank/CAMP	1.47%	152,7
epsico Inc Coupon Rate 1.550% merican Express Credit - Coupon Rate 1.875%	5/2/2019 5/3/2019	50,000 50,000	49,725 49,799	US Bank/CAMP US Bank/CAMP	1.59% 1.90%	49,9 49,9
merican Honda Finance - Coupon Rate 1.075% merican Honda Finance - Coupon Rate 1.200%	7/12/2019	150,000	147,925	US Bank/CAMP	1.48%	148,8
foldman Sachs Group Inc - Coupon Rate 1.950%	7/23/2019	60,000	59,650	US Bank/CAMP	1.96%	59,9
isco Systems Notes - Coupon Rate 1.400%	9/20/2019	150,000	148,435	US Bank/CAMP	1.42%	149,9
oneywell International Corp. Notes - Coupon Rate 1.800%	10/30/2019	25,000	24,868	US Bank/CAMP	1.84%	24,9
merican Express Credit Corp Coupon Rate 1.700%	10/30/2019	100,000	98,968	US Bank/CAMP	1.99%	99,2
tigroup Inc. Corp. Note - Coupon Rate 2.450%	1/10/2020	50,000	50,023	US Bank/CAMP	1.90%	50,6
B&T Corp. Note - Coupon Rate 2.450%	1/15/2020	100,000	100,331	US Bank/CAMP	2.08%	101,0
organ Stanley Corp. Bonds - Coupon Rate 2.650%	1/27/2020	40,000	40,181	US Bank/CAMP	2.35%	40,3
M Corp. Notes - Coupon Rate 1.900% icrosoft Corp. Note - Coupon Rate 1.850%	1/27/2020	100,000	99,542	US Bank/CAMP US Bank/CAMP	1.93%	99,9 89,9
pple Inc. Bonds - Coupon Rate 1.850%	2/6/2020 2/7/2020	90,000 80,000	89,734 79,759	US Bank/CAMP US Bank/CAMP	1.87% 1.92%	89,9 79,9
hevron Corp Notes - Coupon Rate 1.991%	3/3/2020	70,000	69,403	US Bank/CAMP	1.99%	70,0
alt Disney Corp Notes - Coupon Rate 1.950%	3/4/2020	20,000	19,935	US Bank/CAMP	1.96%	19,9
oxon Mobil Corp Note - Coupon Rate 1.912%	3/6/2020	90,000	89,534	US Bank/CAMP	1.75%	90,4
ohn Deere Capital Corp Coupon Rate 2.200%	3/13/2020	40,000	39,958	US Bank/CAMP	2.23%	39,9
oldman Sachs Group Inc Corp Notes - Coupon Rate 2.600%	4/23/2020	30,000	30,041	US Bank/CAMP	2.28%	30,2
ople Inc. Bonds - Coupon Rate 1.800%	5/11/2020	60,000	59,492	US Bank/CAMP	1.84%	59,9
tel Corp Notes - Coupon Rate 1.850%	5/11/2020	90,000	89,587	US Bank/CAMP	1.86%	89,9
ome Depot Inc Corp Notes - Coupon Rate 1.800%	6/5/2020	40,000	39,682	US Bank/CAMP	1.82%	39,9
'alt Disney Corp Notes - Coupon Rate 1.800%	6/5/2020	70,000	69,420	US Bank/CAMP	1.84%	69,9
ohn Deere Capital Corp Notes - Coupon Rate 1.950% tate Street Corp Notes - Coupon Rate 2.550%	6/22/2020 8/18/2020	20,000 10,000	19,858 10,066	US Bank/CAMP US Bank/CAMP	1.97% 1.83%	19,9 10,2
tate Street Corp Notes - Coupon Rate 2.550%	8/18/2020	70,000	70,464	US Bank/CAMP	1.82%	71,4
aterpillar Finl Service Note - Coupon Rate 1.850%	9/4/2020	70,000	69,183	US Bank/CAMP	1.88%	69,9
itigroup Inc Corp Notes - Coupon Rate 2.650%	10/26/2020	40,000	40,134	US Bank/CAMP	2.34%	40,3
accar Financial Corp Notes - Coupon Rate 2.050%	11/13/2020	20,000	19,848	US Bank/CAMP	2.05%	19,9
SA Inc. (Callable) Corp Notes - Coupon Rate 2.200%	12/14/2020	20,000	19,984	US Bank/CAMP	1.85%	20,2
/al-Mart Stores Inc. Corp. Note - Coupon Rate 1.900%	12/15/2020	90,000	89,420	US Bank/CAMP	1.95%	89,8
nited Parcel Service Corporate Bond - Coupon Rate 2.050%	4/1/2021	90,000	89,524	US Bank/CAMP	2.10%	89,8
epsico Inc. Corp. Note - Coupon Rate 2.000%	4/15/2021	30,000	29,659	US Bank/CAMP	2.01%	29,9
ank of America Note - Coupon Rate 2.328%	10/1/2021	90,000	89,746	US Bank/CAMP	2.33%	90,0
Corporate Notes ank of Tokyo Mitsubishi - Coupon Rate 0.000%	1/26/2018	2,585,000 150,000	2,574,135 149,814	US Bank/CAMP	1.54%	2,602,9 148,2
anadian Imperial Bank NY CD - Coupon Rate 1.760%	11/30/2018	250,000	249,472	US Bank/CAMP	1.25%	250,3
venska Handelsbanken NY LT CD - Coupon Rate 1.890%	1/10/2019	200,000	199,116	US Bank/CAMP	1.91%	200,0
ank of Montreal Chicago CD - Coupon Rate 1.880%	2/7/2019	180,000	180,223	US Bank/CAMP	1.90%	180,0
ank of Nova Scotia Houston LT CD - Coupon Rate 1.910%	4/5/2019	180,000	179,348	US Bank/CAMP	1.91%	180,0
umitomo Mitsui Bank CD - Coupon Rate 2.050%	5/3/2019	180,000	179,877	US Bank/CAMP	2.05%	180,0
kandinav Enskilda Banken NY CD - Coupon Rate 1.840%	8/2/2019	180,000	177,689	US Bank/CAMP	1.85%	179,9
ank of Tokyo Mitsubishi UFJ LTD CD- Coupon Rate 2.070%	9/25/2019	100,000	99,532	US Bank/CAMP	2.07%	100,0
/estpac Banking Corp NY CD - Coupon Rate 2.050%	8/3/2020	150,000	149,751	US Bank/CAMP	2.05%	150,0
wedbank (NewYork) CD- Coupon Rate 2.270%	11/16/2020	135,000	1,699,093	US Bank/CAMP	2.30%	135,0
Certificate of Deposit issan ABS 2015-A A3 - Coupon Rate 1.050%	10/15/2019	1,705,000 6,774	1,699,093 6,760	US Bank/CAMP	1.28%	1,703,5 6,7
NH 2017-A A2 - Coupon Rate 1.640%	7/15/2020	182,017	181,752	US Bank/CAMP	1.80%	182,0
oyota ABS 2017-A A3 - Coupon Rate 1.730%	2/15/2021	50,000	49,752	US Bank/CAMP	1.74%	49,9
ohn Deere ABS 2017-A A3 - Coupon Rate 1.780%	4/15/2021	30,000	29,856	US Bank/CAMP	1.79%	29,9
oyota ABS 2017-B A3 - Coupon Rate 1.760%	7/15/2021	100,000	99,341	US Bank/CAMP	1.76%	99,9
onda ABS 2017-1 A3 - Coupon Rate 1.720%	7/21/2021	40,000	39,741	US Bank/CAMP	1.72%	39,9
yundai ABS 2017-A A3 - Coupon Rate 1.760%	8/15/2021	40,000	39,790	US Bank/CAMP	1.76%	39,9
issan ABS 2017-A A3 - Coupon Rate 1.740%	8/15/2021	50,000	49,696	US Bank/CAMP	1.74%	49,9
Illy ABS 2017-2 A3 - Coupon Rate 1.780%	8/15/2021	70,000	69,743	US Bank/CAMP	1.79%	69,9
onda ABS 2017-2 A3 - Coupon Rate 1.680% CCIT 2017-A9 A9 - Coupon Rate 1.800%	8/15/2021 9/20/2021	90,000 100,000	89,249 99,488	US Bank/CAMP	1.68%	89,9 99,9
ohn Deere ABS 2017-B A3 - Coupon Rate 1.800%	10/15/2021	30,000	29,776	US Bank/CAMP US Bank/CAMP	1.80% 1.82%	29,9
ord ABS 2017-B A3 - Coupon Rate 1.620%	11/15/2021	70,000	69,902	US Bank/CAMP	1.62%	69,9
merican Express 2017-4 A - Coupon Rate 1.640%	12/15/2021	100,000	99,483	US Bank/CAMP	1.65%	99,9
yundai ABS 2017-B A3 - Coupon Rate 1.770%	1/15/2022	80,000	79,374	US Bank/CAMP	1.78%	79,9
ly 2017-5 A3 - Coupon Rate 1.990%	3/15/2022	70,000	69,775	US Bank/CAMP	1.99%	69,9
ordo 2017-C A3 - Coupon Rate 2.010%	3/15/2022	110,000	109,677	US Bank/CAMP	2.02%	109,9
itibank 2017-A3 A3 - Coupon Rate 1.920%	4/7/2022	100,000	99,376	US Bank/CAMP	1.82%	100,2
AMP Money Market Fund	<u>NA</u>	NA	52,759	US Bank/CAMP	1.29%	52,7
Asset Based Securities & Money Market	=	1,318,791	1,365,292		_	1,371,6
Total Camp Investments		9,018,791	9,003,955			9,076,6
perational & Non-Interest Bearing Accounts						
TWD General Cash Account	NA	NA	1,146,165	Union Bank of Cal.	0.00%	1,146,
TWD Capital Facilities Reserve Account	NA	NA	23,302	Union Bank of Cal.	0.00%	23,3
TWD Payroll Account	NA	NA	0	Union Bank of Cal.	0.00%	
TWD Petty Cash Account	NA	NA	700	Union Bank of Cal.	0.00%	



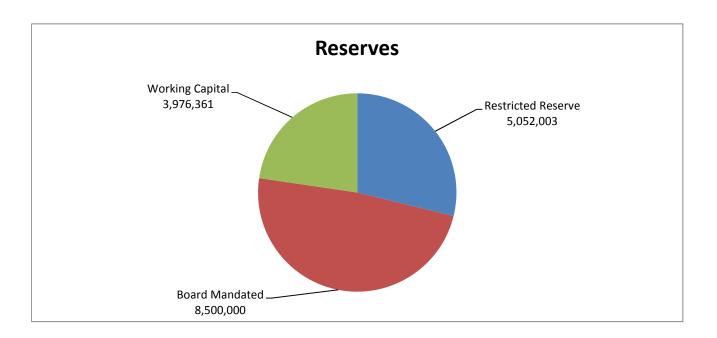


LIQUIDITY									
		De	ecember 31, 20	17		June 30, 20	17		
		\$	%			\$	%		
DEMAND	\$	8,504,488	48.52%		\$	8,399,070	48.21%		
30 Days	\$	311,502	1.78%		\$	-	0.00%		
31-180 Days	\$	-	0.00%		\$	-	0.00%		
181 - 360	\$	280,301	1.60%		\$	420,306	2.41%		
361-1800 Days	\$	8,432,073	48.11%		\$	8,602,295	49.38%		
TOTAL	\$	17 528 364	100.00%		\$	17 /21 671	100 00%		

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### **EL TORO WATER DISTRICT**

# RESERVE ANALYSIS 31-Dec-17



Restricted Reserve	\$ 5,052,003
Board Mandated	\$ 8,500,000
Capital Cash Flow/ Compliance	\$ 3,976,361
Total	\$ 17,528,364

#### **Restricted Reserve**

SRFL-Recycled	\$ 1,602,958
Capital Facilities Reserve	\$ 23,302
Tiered Cons Fund	\$ 2,249,056
Baker Funding	\$ 1,176,687
Total	\$ 5,052,003

#### **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

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### EL TORO WATER DISTRICT CHANGE IN RESERVES

	-	<b>December 31, 2017</b>	Year to Date	June 30, 2017
Operating Revenue		1,859,050	13,065,530	23,901,919
Non-operating Revenue		117,201	799,807	1,515,062
	Total Revenue	1,976,250	13,865,337	25,416,981
Operating Expenses		1,635,705	10,648,767	21,225,829
Depreciation		352,477	2,114,862	4,061,898
Non-operating Expenses		67,144	402,864	706,683
	Total Expenses	2,055,326	13,166,494	25,994,409
	NET INCOME	(79,076)	698,843	(577,428)
Non-Cash Items:				
Add: Depreciation		352,477	2,114,862	4,061,898
Change in Notes Rec	eivable/Grant Fund	-	-	-
Loan Proceeds		-	-	-
Less: Debt Service		(1,356,541)	(1,356,541)	(407,429)
Capital Improvements	S	(314,823)	(1,310,589)	(3,627,387)
Total	Non-Cash Items	(1,318,887)	(552,268)	27,081
CHANG	E IN RESERVES	(1,397,963)	146,575	(550,347)

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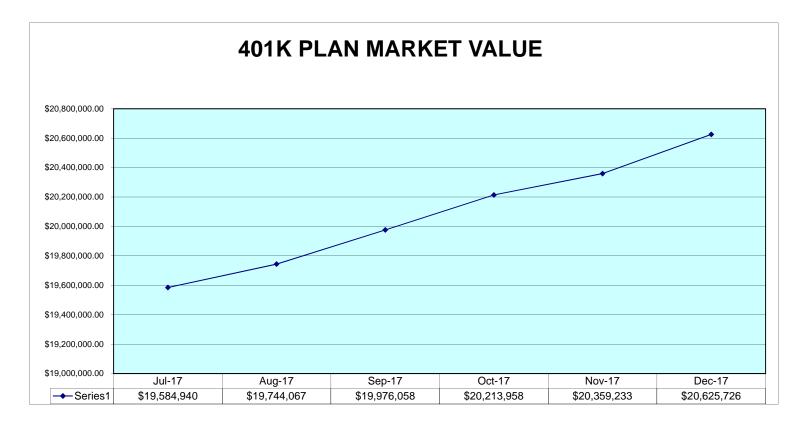
EL TORO WATER DISTRICT Cash Sheet For the month ending December 31, 2017

CHECK NUMBER	PAYMENT DATE	VENDOR NAME	PAYMENT AMOUNT
84321		STATE WATER RESOURCES CONTROL BOARD	1,602,958.00
84263	12/07/2017	MUNICIPAL WATER DISTRICT OF ORANGE CO.	556,673.47
84360		STATE WATER RESOURCES CONTROL BOARD	258,145.84
84276		TEXAS CAPITAL BANK LEASING DIVISION	150,583.04
84327		ACWA HEALTH BENEFITS AUTHORITY	117,454.15
84359		SO. CALIFORNIA EDISON CO.	71,156.81
		TOTAL CHECKS OVER \$50,000	\$ 2,756,971.31
		TOTAL CHECKS IN REGISTER	\$ 3,182,076.14
NTERBANK WIRE			424.052.07
		PAYROLL DIRECT DEPOSIT FEDERAL DEPOSIT LIABILITY	134,853.67
			33,495.16
		SDI & STATE TAX WAGE GARNISHMENTS	10,841.13 585.00
		PRUDENTIAL (401K)	49,367.59
		PRUDENTIAL (457)	13,728.24
		PAYROLL BOARD OF DIRECTOR	4,345.19
		SS. MEDICARE. SDI & STATE TAX	1,466.70
		PRUDENTIAL (457)	2,772.00
		PAYROLL DIRECT DEPOSIT	133,575.40
		FEDERAL DEPOSIT LIABILITY	33,533.35
		SDI & STATE TAX	10,816.84
		WAGE GARNISHMENTS	585.00
		PRUDENTIAL (401K)	49,353.85
		PRUDENTIAL (457)	13.014.00
		ADP AND BANK FEES	4,950.55
		TOTAL INTERBANK WIRES / DEBIT TRANSFERS	\$ 497,283.67
		TOTAL DISBURSEMENTS	\$ 3,679,359.81
		ETWD EMPLOYEES	
CHECK	PAYMENT		PAYMENT
NUMBER	DATE	PAYEE (DESCRIPTION)	AMOUNT
0.4000	40/45/0047	MIGUAEL MIAZOA (European Beiseleuropean)	000.40
84309		MICHAEL MIAZGA (Expense Reimbursement)	222.13
84306		JUDY CIMORELL (Expense Reimbursement)	109.94
84270		ROMAN KOCIBAN (Expense Reimbursement)	105.00
84350		MATT WAGNER (Expense Reimbursement)	90.00
84247	12/07/2017	ABEL ESTRADA (Expense Reimbursement)	58.66
		TOTAL CHECKS TO EMPLOYEES	\$ 585.73
		ETWD DIRECTORS	
CHECK NUMBER	PAYMENT DATE	PAYEE (DESCRIPTION)	PAYMENT AMOUNT
HOMBEN	DAIL	TATEL DESCRIPTION	AMOUNT
84308	12/15/2017		325.28
	12/15/2017	FREDERICK ADJARIAN (Expense Reimbursement)	225.34
84299			
84299 84305		JOSE VERGARA (Expense Reimbursement)	182.39

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#### **EL TORO WATER DISTRICT**

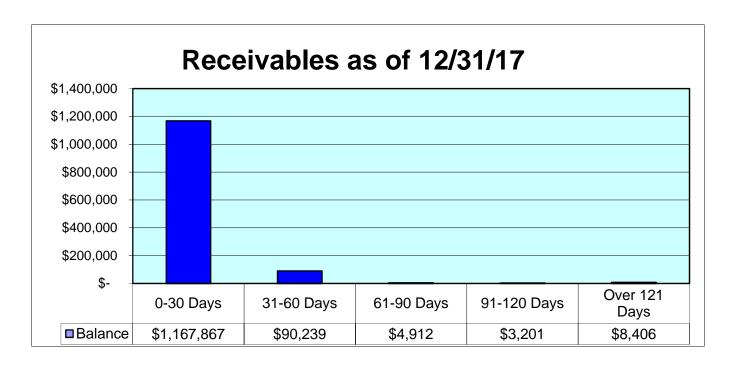
**401K PLAN SUMMARY** 



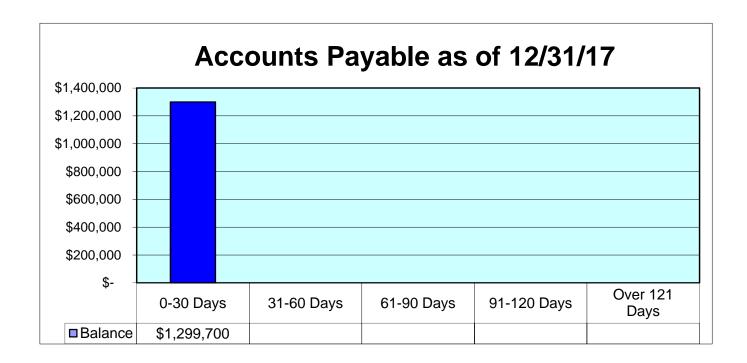
	MARKET VALUE SUMMARY						
	Growth Port. Under 40 yrs. Old		Balanced Port. 40 to 50 yrs. Old	Income & Growth 50 to 60 yrs. Old	Capital Pres. Port Over 60 yrs. Old		
Balance at July 1, 2017	\$	1,249,773.70	\$2,323,855.06	\$11,668,412.71	\$4,022,103.68		
Contributions		137,961.62	80,638.09	296,771.41	125,580.06		
Withdrawals		(2.92)	0.00	(49,416.68)	(110,284.03)		
Transfers		(233,907.18)	(42,684.69)	(538,442.46)	815,034.33		
Interest, dividends and appreciation							
net of fees and charges		85,092.77	136,543.82	514,950.69	143,746.44		
Balance at December 31, 2017	\$	1,238,917.99	\$2,498,352.28	\$11,892,275.67	\$4,996,180.48		
Average return YTD December 31, 2017		6.87%	5.47%	4.33%	2.88%		

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

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RECEIVABLES & PAYABLES AGEING



Bad Debts Year to Date: \$8,407

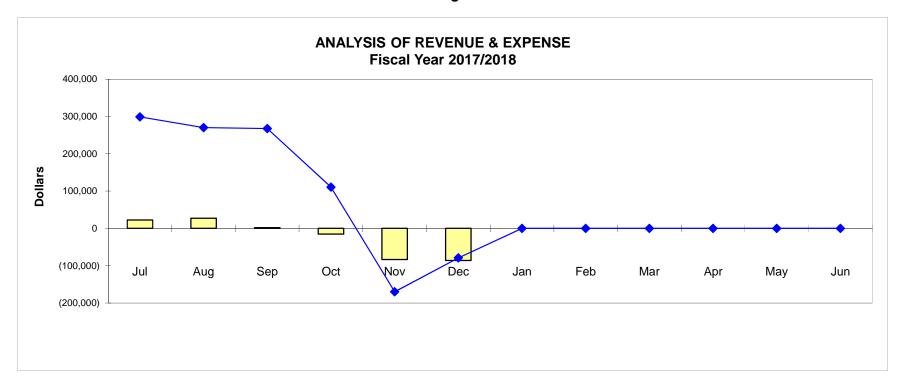


Year to Date Discounts Taken: \$1,385

#### Page 10 El Toro Water District Income Statement December 2017

	Day 47	Doodwat	0/ of Durdon	Int. Dec 47	VTD Dudget	0/ of Dudget	Annual Budget
Income	Dec 17	Budget	% of Budget	Jul - Dec 17	YTD Budget	% of Budget	Annual Budget
4600 · Water Service Charge	254,956.14	256,107.50	99.55%	1,511,311.48	1,536,645.00	98.35%	3,073,290.00
4700 · Sanitary Service	620,104.38	630,416.67	98.36%	3,810,214.66	3,782,499.98	100.73%	7,565,000.00
4722 · Recycled Water Tertiary Sales	44,731.97	96,358.25	46.42%	887,188.12	784,344.73	113.11%	1,450,000.00
4724 · Service Charge - Recycled Water 4750 · Capital Facilities Charge	17,253.20 250,156.89	17,333.33 251,250.00	99.54% 99.57%	101,962.60 1,502,525.66	104,000.02 1,507,500.00	98.04% 99.67%	208,000.00 3,015,000.00
4800 · Commodity Charge	666,896.69	592,001.91	112.65%	5,190,672.20	4,818,825.29	107.72%	8,908,451.00
4950 · Other Operating Income	4,950.34	4,583.33	108.01%	50,912.13	27,500.02	185.14%	55,000.00
4960 · Other Income	38,542.99	35,625.00	108.19%	312,987.06	213,750.00	146.43%	427,500.00
4967 · SMWD	0.00	8,333.33	0.0%	0.00	50,000.02	0.0%	100,000.00
4970 · MNWD 4980 · Interest Income	0.00 15,756.24	1,750.00 8,333.33	0.0% 189.08%	11,000.00 92,971.87	10,500.00 50,000.02	104.76% 185.94%	21,000.00 100,000.00
4985 - Changes FMV CAMP	-10,598.90	0,333.33	109.0070	-37,162.04	30,000.02	103.3470	100,000.00
4986 · Changes FMV LAIF	0.00			-256.54			
4990 · Property Taxes	73,500.45	69,583.33	105.63%	431,009.85	417,500.02	103.24%	835,000.00
Total Income	1,976,250.39	1,971,675.98	100.23%	13,865,337.05	13,303,065.10	104.23%	25,758,241.00
Gross Profit	1,976,250.39	1,971,675.98	100.23%	13,865,337.05	13,303,065.10	104.23%	25,758,241.00
Expense 5100 · Personnel Cost	682,421.72	658,579.42	103.62%	3,887,260.06	3,951,476.48	98.38%	7,902,953.00
5405 · Water Purchases	464,060.73	511,434.72	90.74%	3,974,805.90	4,159,986.38	95.55%	7,691,757.00
5410 · Electrical Power	73,202.31	80,341.66	91.11%	558,503.77	482,050.04	115.86%	964,100.00
5415 · Repair Parts & Materials	19,140.95	34,372.44	55.69%	238,854.59	206,235.36	115.82%	412,470.00
5420 · Equipment Maintenance & Repair	1,683.75	11,045.81	15.24%	36,956.52	66,275.14	55.76%	132,550.00
5425 · Pump Maintenance & Repair 5430 · Motor Maintenance & Repair	0.00	12,741.66 3,141.69	0.0% 0.0%	47,097.53 6,689.45	76,450.04 18,849.86	61.61% 35.49%	152,900.00 37,700.00
5440 · Electrical/Contl Maint & Repair	657.32	5,500.01	11.95%	6,362.65	32,999.94	19.28%	66,000.00
5445 · Meter Maintenance & Repair	1,434.00	183.33	782.2%	2,774.31	1,100.02	252.21%	2,200.00
5455 · Chemicals	27,917.57	17,275.00	161.61%	111,557.43	103,650.00	107.63%	207,300.00
5460 - Structure Maint & Repair	349.00	2,721.67	12.82%	12,407.79	16,329.98	75.98%	32,660.00
5465 - Asphalt Maintenance & Repair	11,070.00	6,125.00	180.74% 333.53%	41,000.00	36,750.00	111.57%	73,500.00
5470 · Consultants 5475 · Contractors	38,133.25 129,598.87	11,433.34 109,535.75	118.32%	55,813.50 619,393.44	68,599.96 657,214.50	81.36% 94.25%	137,200.00 1,314,429.00
5480 · Engineers	546.25	7,141.67	7.65%	18,023.09	42,849.98	42.06%	85,700.00
5482 · Dump Fees	1,532.97	1,333.34	114.97%	8,784.13	7,999.96	109.8%	16,000.00
5485 - Laboratory	1,096.01	1,558.34	70.33%	9,834.44	9,349.96	105.18%	18,700.00
5490 · License & Permits 5495 · Gas & Oil	33,217.24	10,639.96	312.19%	49,973.42	63,840.24	78.28%	127,680.00 90,000.00
5500 · Equipment Rental	7,296.29 2,798.00	7,500.00 1,366.67	97.28% 204.73%	44,129.20 9,225.98	45,000.00 8,199.98	98.07% 112.51%	16,400.00
5505 · Landscaping	3,738.33	6,888.33	54.27%	34,716.82	41,330.02	84.0%	82,660.00
5510 · Small Tools & Equipment	4,278.94	4,708.34	90.88%	25,483.15	28,249.96	90.21%	56,500.00
5515 - Security	1,587.81	1,587.94	99.99%	14,101.29	9,527.36	148.01%	19,055.00
5520 · Operating Supplies	8,022.82 1,211.07	3,958.34 1,958.33	202.68% 61.84%	32,458.70	23,749.96	136.67% 246.07%	47,500.00
5525 · Safety Equipment 5530 · Temporary Help	0.00	4,583.34	0.0%	28,913.64 0.00	11,750.02 27,499.96	0.0%	23,500.00 55,000.00
5535 · Other Employee Cost	11,269.52	6,583.34	171.18%	51,307.95	39,499.96	129.89%	79,000.00
5540 · Depreciation	352,477.00	333,333.33	105.74%	2,114,862.00	2,000,000.02	105.74%	4,000,000.00
5545 · Insurance	38,874.70	35,191.67	110.47%	224,342.17	211,149.98	106.25%	422,300.00
5555 · Advertising & Publicity 5560 · Amortization	0.00	208.33	0.0%	3,161.00	1,250.02	252.88% 99.94%	2,500.00
5570 · Annual Event	570.49 5,045.92	570.83 445.83	99.94% 1,131.8%	3,422.94 5,045.92	3,425.02 2,675.02	188.63%	6,850.00 5,350.00
5575 · Audit	0.00	2,500.00	0.0%	8,400.00	15,000.00	56.0%	30,000.00
5580 - Bad Debts	-280.48	1,666.67	-16.83%	8,407.08	9,999.98	84.07%	20,000.00
5585 - Bank Charges	4,950.55	4,500.00	110.01%	26,718.94	27,000.00	98.96%	54,000.00
5590 · Data Processing Supply & Access 5595 · Data Processing Equipment	315.06 0.00	1,666.67 3,333.33	18.9% 0.0%	14,040.35 12,714.64	9,999.98 20,000.02	140.4% 63.57%	20,000.00 40,000.00
5600 · Data Processing Consultants	2,808.00	4,166.67	67.39%	27,822.00	24,999.98	111.29%	50,000.00
5605 - Directors Fees	8,316.00	7,750.00	107.3%	46,222.00	46,500.00	99.4%	93,000.00
5610 · Dues & Memberships	10,981.49	6,250.00	175.7%	47,106.40	37,500.00	125.62%	75,000.00
5615 · Education & Training	618.60	2,625.00	23.57%	21,776.81	15,750.00	138.27%	31,500.00
5620 · Election Expense 5625 · Employee Service Awards	0.00	0.00 333.33	0.0% 0.0%	0.00	0.00 2,000.02	0.0%	0.00 4,000.00
5630 · Software Maintenance & Licenses	7,738.34	6,616.67	116.95%	57,240.75	39,699.98	144.18%	79,400.00
5640 · Interest Expense	67,144.07	67,144.08	100.0%	402,864.42	402,864.52	100.0%	805,729.00
5645 · Janitorial	2,820.00	2,875.00	98.09%	16,883.00	17,250.00	97.87%	34,500.00
5650 · Legal	41.63	12,500.00	0.33%	29,936.59	75,000.00	39.92%	150,000.00
5655 · Meets, Conventions & Travel 5657 · Meets, Con & Travel - Directors	1,744.55 1,507.02	2,916.67 2,166.67	59.81% 69.56%	22,841.40 10,310.11	17,499.98 12,999.98	130.52% 79.31%	35,000.00 26,000.00
5660 · Office Supplies	2,317.29	1,916.67	120.9%	9,702.75	11,499.98	84.37%	23,000.00
5670 · Postage	1,293.20	1,708.33	75.7%	4,989.45	10,250.02	48.68%	20,500.00
5675 - Printing & Reproduction	901.42	1,750.00	51.51%	6,936.64	10,500.00	66.06%	21,000.00
5680 · Property Tax	736.63	458.33	160.72%	3,674.05	2,750.02	133.6%	5,500.00
5685 · Public Education & Outreach 5690 · Publications & Subscriptions	7,085.87 85.71	20,016.67 250.00	35.4% 34.28%	49,412.65 1,644.38	120,099.98 1,500.00	41.14% 109.63%	240,200.00 3,000.00
5695 · Communications	7,920.33	6,916.67	114.51%	47,685.07	41,499.98	114.9%	83,000.00
5700 · Utilities	3,048.11	1,541.67	197.72%	11,901.55	9,249.98	128.67%	18,500.00
Total Expense	2,055,326.22	2,057,558.53	99.89%	13,166,493.81	13,436,729.52	97.99%	26,245,243.00
	Dec 17	Budget	% of Budget	Jul - Dec 17	YTD Budget	% of Budget	Annual Budget
Net Income	-79,075.83	-85,882.55	92.07%	698,843.24	-133,664.42	-522.83%	-487,002.00

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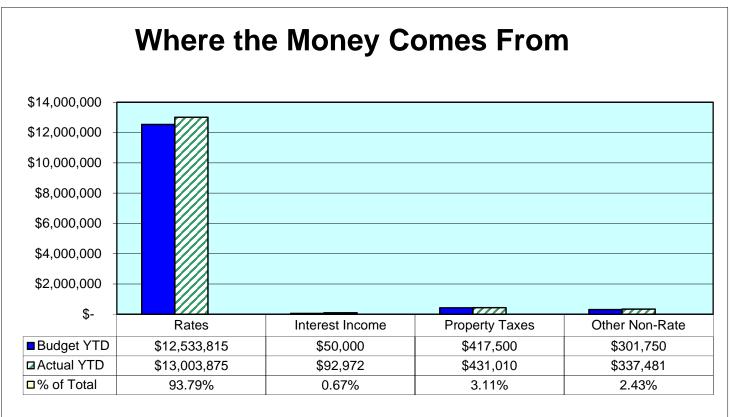


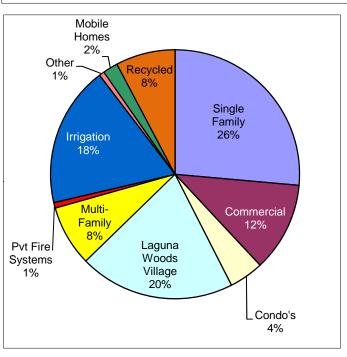
#### ANALYSIS OF REVENUES & EXPENSES BUDGET COMPARED TO ACTUAL FISCAL YEAR 2017/2018

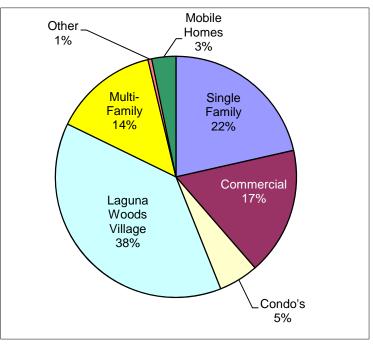
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Budget												
Revenue	2,389,705	2,407,351	2,310,146	2,243,693	1,980,495	1,971,676						
Expense	2,367,284	2,380,357	2,308,337	2,259,101	2,064,093	2,057,559						
Profit/Loss	22,421	26,993	1,809	(15,408)	(83,598)	(85,883)	0	0	0	0	0	0
Actual												
Revenue	2,478,548	2,600,793	2,330,428	2,299,085	2,180,233	1,976,250						
Expense	2,179,463	2,330,381	2,062,685	2,188,430	2,350,209	2,055,326						
Profit/Loss	299,085	270,412	267,743	110,655	(169,976)	(79,076)	0	0	0	0	0	0

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# EL TORO WATER DISTRICT REVENUES FROM WATER & WASTE WATER SALES AS OF 12/31/17







**WATER REVENUE YTD 2017/2018** 

**WASTE WATER REVENUE YTD 2017/2018** 

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EL TORO WATER DISTRICT
REVENUE COMPARISON
For the Month Ended December 31, 2017

	ACTUAL	URRENT MONTH BUDGET	ARIANCE OOLLARS	% +/-		YEAR TO DATE ACTUAL		YEAR TO DATE BUDGET	ARIANCE OLLARS	% +/-		BUDGET	EMAINING BUDGET
From Rates													
Capital Facilities Charge	\$ 250,157	\$ 251,250	\$ (1,093)	(	)%	\$ 1,502,526	\$	1,507,500	\$ (4,974)	0%	\$	3,015,000	\$ 1,512,474
Water sales - Commodity	666,897	592,002	74,895	13	8%	5,190,672		4,818,825	371,847	8%		8,908,451	3,717,779
Water sales - Fixed Meter	254,956	256,108	(1,151)	(	)%	1,511,311		1,536,645	(25,334)	-2%		3,073,290	1,561,979
Waste water sales	620,104	630,417	(10,312)	-2	2%	3,810,215		3,782,500	27,715	1%		7,565,000	3,754,785
Recycled water tertiary sales	44,732	96,358	(51,626)	-54	%	887,188		784,345	102,843	13%		1,450,000	562,812
Service charge - Recycled water	17,253	17,333	(80)	(	)%	101,963		104,000	(2,037)	-2%	,	208,000	106,037
TOTAL FROM RATES	1,854,099	1,843,468	10,632		%	13,003,875		12,533,815	470,060	4%	,	24,219,741	11,215,866
Non-rate Revenue													
Admin fee	2,130	1,600	530	33	8%	35,157		9,600	25,557	266%		19,200	(15,957)
48 Hour notice fee	2,700	2,451	249		)%	13,845		14,708	(863)	-6%		29,416.44	15,571
Restoration fee	50	370	(320)	-86		1,250		2,220	(970)	-44%		4,440	3,190
Unpaid check fee	70	150	(80)	-53		660		900	(240)	-27%		1,800	1,140
Cut lock fee	-	12	(12)	-100				72	(72)	-100%		144	144
TOTAL NON-RATE	4,950	4,583	367		8%	50,912		27,500	23,412	85%		55,000	4,088
Other Devenue													
Other Revenue	45.750	0.000	7 400	0.0	NO/	00.070		50,000	40.070	000/		400.000	7.000
Interest	15,756	8,333	7,423		)%	92,972		50,000	42,972	86%		100,000	7,028
Change FMV Investment	(10,599)	-	(10,599)		)%	(37,419	,	-	(37,419)	0%		-	37,419
Property taxes	73,500	69,583	3,917		3%	431,010		417,500	13,510	3%		835,000	403,990
Other DEVENUE	38,543	35,625	2,917		8%	312,987		213,750	99,237	46%		427,500	114,513
TOTAL OTHER REVENUE	117,201	113,542	3,659	•	8%	799,550		681,250	118,300	17%		1,362,500	562,950
Contract Service													
Santa Margarita W. D.	-	8,333	(8,333)	-100	)%			50,000	(50,000)	-100%		100,000	100,000
Moulton Niguel W. D.		1,750	(1,750)	-100	)%	11,000		10,500	500	5%		21,000	10,000
TOTAL CONTRACT SERVICES	 -	10,083	(10,083)	-100	%	11,000		60,500	(49,500)	-82%		121,000	110,000
TOTAL REVENUE	\$ 1,976,250	\$ 1,971,676	\$ 4,574	(	)%	\$ 13,865,337	\$	13,303,065	\$ 562,272	4%	\$	25,758,241	\$ 11,892,904

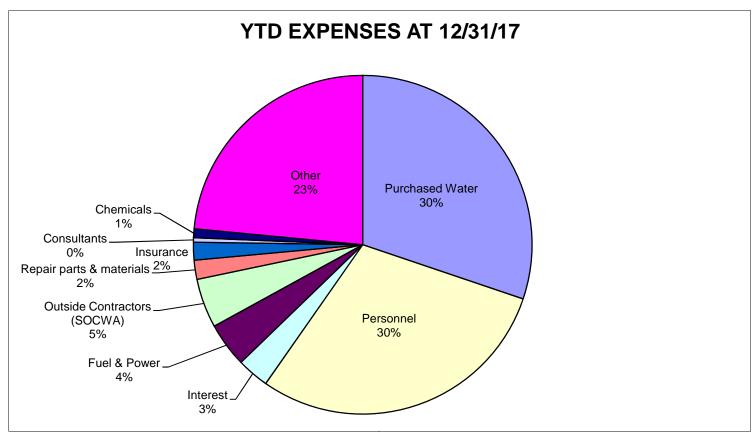
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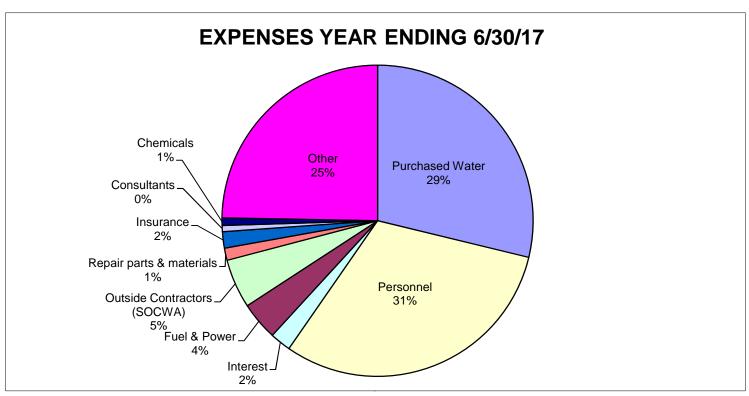
#### EL TORO WATER DISTRICT NON-RATE REVENUE ANALYSIS FOR THE MONTH ENDING November 30, 2017

	Dec-17 Actual	Dec-17 Budget	Jul 17-Dec 17 YTD Actual	Jul 17-Dec 17 YTD Budget
Site Leases	15,476	15,833	92,277	94,998
MWD Recycled Water LRP Rebate	23,000	19,792	182,500	118,750
SOCWA Refund		-	-	-
MWDOC Budget Based Tier & 2015 Urban Water Refund		-	25,660	-
Recycled Metal	-	-	-	-
Diesel Fuel Tax Refund	-	-	56	-
Sale of District Vehicle			7,746	-
Misc Work for Customers	67	-	4,748	-
- -	\$ 38,543 \$	35,625	\$ 312,988	\$ 213,748
Other Operating Income				
Sales to Santa Margarita Sales to Moulton Niguel	- -		- - -	
Total	38,543		312,988	

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### WHERE THE MONEY GOES





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#### EL TORO WATER DISTRICT Expense Comparison For the Month Ended December 31, 2017

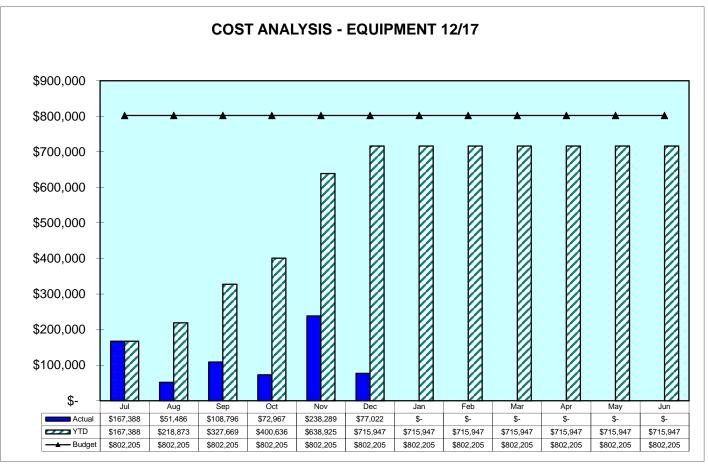
	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	Annual BUDGET	REMAINING BUDGET
Operating Expenses										
Personnel cost	\$682,422	\$658,579	(\$23,842)	-4%	\$3,887,260	\$3,951,476	\$64,216	2%	\$7,902,953	4,015,693
Purchased water	464,061	511,435	47,374	9%	3,974,806	4,159,986	185,180	4%	7,691,757	3,716,951
Electrical power	73,202	80,342	7,139	9%	558,504	482,050	(76,454)	-16%	964,100	405,596
Repair parts & materials	19,141	34,372	15,231	44%	238,855	206,235	(32,619)	-16%	412,470	173,615
Equipment repairs & maintenance	1,684	11,046	9,362	85%	36,957	66,275	29,319	44%	132,550	95,593
Pump repairs & maintenance	-	12,742	12,742	100%	47,098	76,450	29,353	38%	152,900	105,802
Motor repairs & maintenance	-	3,142	3,142	100%	6,689	18,850	12,160	65%	37,700	31,011
Electrical repairs & maintenance	657	5,500	4,843	88%	6,363	33,000	26,637	81%	66,000	59,637
Meter repairs & maintenance	1,434	183	(1,251)	-682%	2,774	1,100	(1,674)	-152%	2,200	(574)
Chemicals	27,918	17,275	(10,643)	-62%	111,557	103,650	(7,907)	-8%	207,300	95,743
Structure repairs & maintenance	349	2,722	2,373	87%	12,408	16,330	3,922	24%	32,660	20,252
Asphalt repairs & maintenance	11,070	6,125	(4,945)	-81%	41,000	36,750	(4,250)	-12%	73,500	32,500
Consultants - outside	38,133	11,433	(26,700)	-234%	55,814	68,600	12,786	19%	137,200	81,387
Contractors - outside	129,599	109,536	(20,063)	-18%	619,393	657,215	37,821	6%	1,314,429	695,036
Engineers - outside	546	7,142	6,595	92%	18,023	42,850	24,827	58%	85,700	67,677
Dump fees	1,533	1,333	(200)	-15%	8,784	8,000	(784)	-10%	16,000	7,216
Laboratories	1,096	1,558	462	30%	9,834	9,350	(484)	-5%	18,700	8,866
License & permits	33,217	10,640	(22,577)	-212%	49,973	63,840	13,867	22%	127,680	77,707
Automotive fuel & oil	7,296	7,500	204	3%	44,129	45,000	871	2%	90,000	45,871
Equipment rental	2,798	1,367	(1,431)	-105%	9,226	8,200	(1,026)	-13%	16,400	7,174
Landscaping	3,738	6,888	3,150	46%	34,717	41,330	6,613	16%	82,660	47,943
Small tools & equipment	4,279	4,708	429	9%	25,483	28,250	2,767	10%	56,500	31,017
Security	1,588	1,588	0	0%	14,101	9,527	(4,574)	-48%	19,055	4,954
Operating supplies	8,023	3,958	(4,064)	-103%	32,459	23,750	(8,709)	-37%	47,500	15,041
Safety equipment	1,211	1,958	747	38%	28,914	11,750	(17,164)	-146%	23,500	(5,414)
Temporary help	-	4,583	4,583	100%	0	27,500	27,500	100%	55,000	55,000
Other employee cost	11,270	6,583	(4,686)	-71%	51,308	39,500	(11,808)	-30%	79,000	27,692
Employee service awards	-	333	333	100%	-	2,000	2,000	100%	4,000	4,000
Education & training	619	2,625	2,006	76%	21,777	15,750	(6,027)	-38%	31,500	9,723
Total Operating Expenses	1,526,883	1,527,198	314	0%	9,948,206	10,254,565	306,360	3%	19,880,914	9,932,708

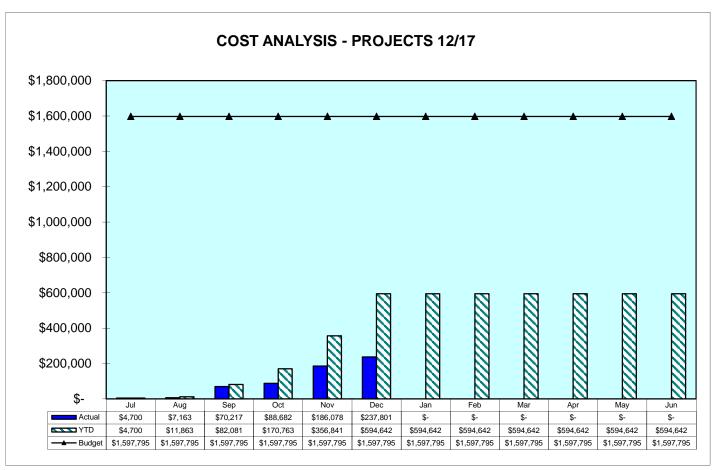
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#### EL TORO WATER DISTRICT Expense Comparison For the Month Ended December 31, 2017

	ACTUAL	CURRENT MONTH BUDGET	VARIANCE DOLLARS	% +/-	YEAR TO DATE ACTUAL	YEAR TO DATE BUDGET	VARIANCE DOLLARS	% +/-	Annual BUDGET	REMAINING BUDGET
Indirect Cost										
Depreciation	352,477	333,333	(19,144)	-6%	2,114,862	2,000,000	(114,862)	-6%	4,000,000	1,885,138
Amortization	570	571	0	0%	3,423	3,425	2	0%	6,850	3,427
Insurance	38,875	35,192	(3,683)	-10%	224,342	211,150	(13,192)	-6%	422,300	197,958
Data processing supplies & assc.	315	1,667	1,352	81%	14,040	10,000	(4,040)	-40%	20,000	5,960
Data processing equipment	0	3,333	3,333	100%	12,715	20,000	7,285	36%	40,000	27,285
Data processing consultants	2,808	4,167	1,359	33%	27,822	25,000	(2,822)	-11%	50,000	22,178
Software maintenance & licenses	7,738	6,617	(1,122)	-17%	57,241	39,700	(17,541)	-44%	79,400	22,159
Janitorial	2,820	2,875	55	2%	16,883	17,250	367	2%	34,500	17,617
Printing & reproduction	901	1,750	849	48%	6,937	10,500	3,563	34%	21,000	14,063
Publications & subscriptions	86	250	164	66%	1,644	1,500	(144)	-10%	3,000	1,356
Communications - voice	3,384	1,250	(2,134)	-171%	19,502	7,500	(12,002)	-160%	15,000	(4,502)
Communications - data	2,321	3,917	1,596	41%	14,162	23,500	9,338	40%	47,000	32,838
Communications - mobile	2,215	1,750	(465)	-27%	14,021	10,500	(3,521)	-34%	21,000	6,979
Utilities	3,048	1,542	(1,506)	-98%	11,902	9,250	(2,652)	-29%	18,500	6,598
Total Indirect Cost	417,559	398,213	(19,347)	-5%	2,539,495	2,389,275	(150,221)	-6%	4,778,550	2,239,055
Overhead Cost										
Annual events	5,046	446	(4,600)	-1032%	5,046	2,675	(2,371)	-89%	5,350	304
Audit	-	2,500	2,500	100%	8,400	15,000	6,600	44%	30,000	21,600
Bad debts	(280)	1,667	1,947	117%	8,407	10,000	1,593	16%	20,000	11,593
Bank charges	4,951	4,500	(451)	-10%	26,719	27,000	281	1%	54,000	27,281
Directors fees	8,316	7,750	(566)	-7%	46,222	46,500	278	1%	93,000	46,778
Dues & memberships	10,981	6,250	(4,731)	-76%	47,106	37,500	(9,606)	-26%	75,000	27,894
Election Expense	-	-	0	0%	0	0	0	0%	0	0
Interest	67,144	67,144	0	0%	402,864	402,865	0	0%	805,729	402,865
Legal	42	12,500	12,458	100%	29,937	75,000	45,063	60%	150,000	120,063
Meetings, conventions & travel	1,745	2,917	1,172	40%	22,841	17,500	(5,341)	-31%	35,000	12,159
Meets, con & travel - Directors	1,507	2,167	660	30%	10,310	13,000	2,690	21%	26,000	15,690
Office supplies	2,317	1,917	(401)	-21%	9,703	11,500	1,797	16%	23,000	13,297
Postage	1,293	1,708	415	24%	4,989	10,250	5,261	51%	20,500	15,511
Property taxes	737	458	(278)	-61%	3,674	2,750	(924)	-34%	5,500	1,826
Advertising & Publicity	-	208	208	100%	3,161	1,250	(1,911)	-153%	2,500	(661)
Public education & outreach	7,086	20,017	12,931	65%	49,413	120,100	70,687	59%	240,200	190,787
Total Overhead Cost	110,884	132,148	21,265	16%	678,793	792,890	114,097	14%	1,585,779	906,986
TOTAL EXPENSES	\$2,055,326	\$2,057,559	\$2,232	0%	\$13,166,494	\$13,436,730	\$270,236	2%	\$26,245,243	\$13,078,749

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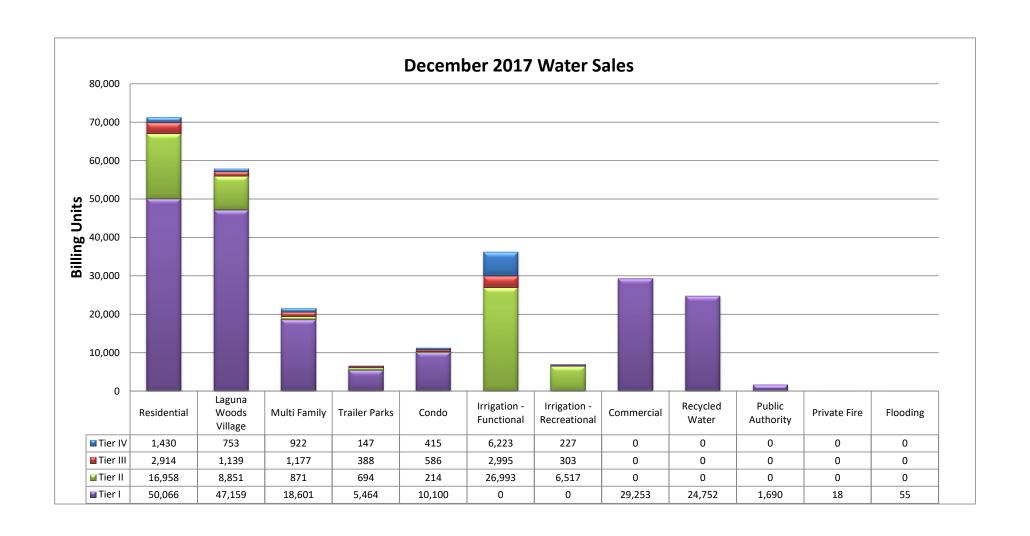


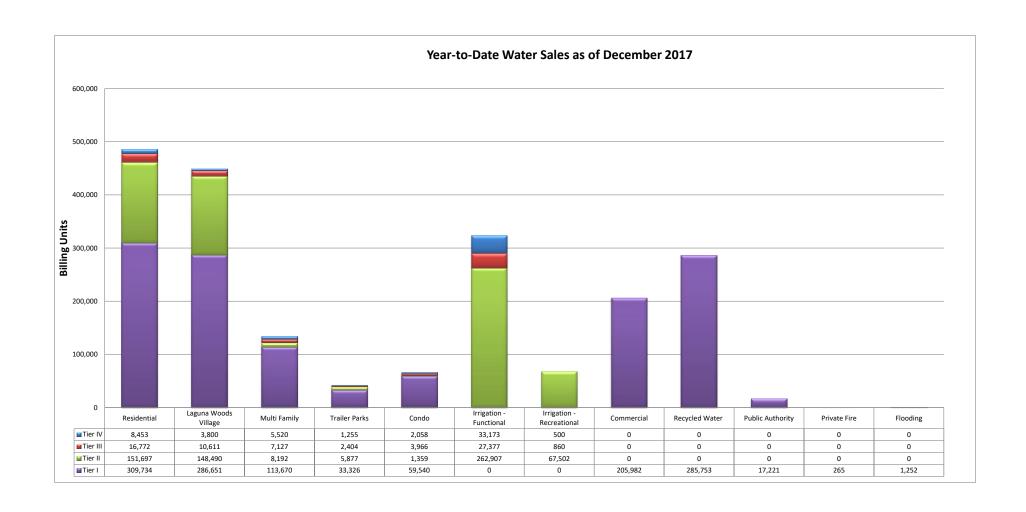
### **BUDGET SCHEDULE**

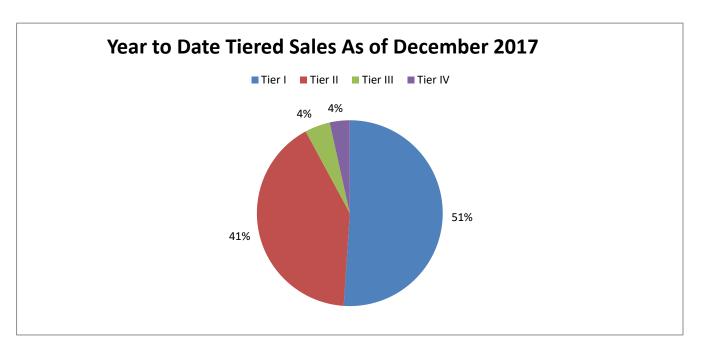
### FY 2018/2019

DESCRIPTION	DATE	DAY
Board Budget Committee #1	3/23/2018	Fri
Board Budget Committee #2	4/6/2018	Fri
Board Budget Workshop	4/19/2018	Thurs
E, F & I Budget Update	4/24/2018	Tues
Distribute Prop 218 Notice	5/7/2018	Mon
CAG	5/10/2018	Thurs
Publish Public Hearning Notice - Newspaper	6/4/2018	Mon
E, F & I Budget Update	6/26/2018	Tues
Conduct Public Hearing - Regular Board Meeting	6/28/2018	Thurs
Implement Board Action	7/2/2018	Mon

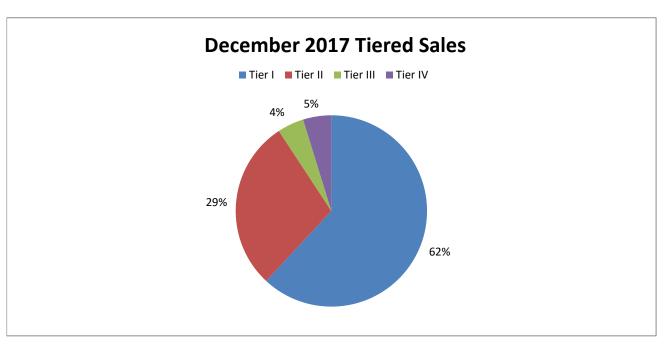
Note: Board Budget Committee #1, 2, and workshop are at 7:30 am



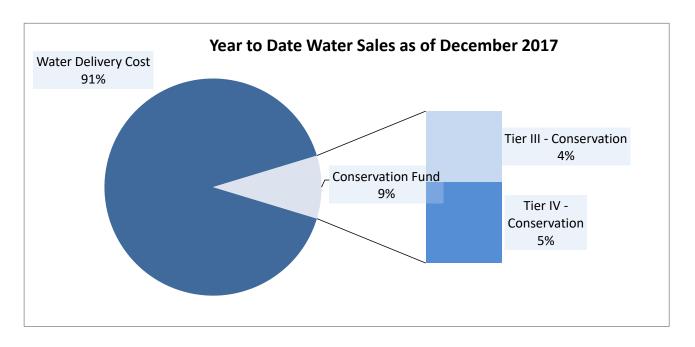




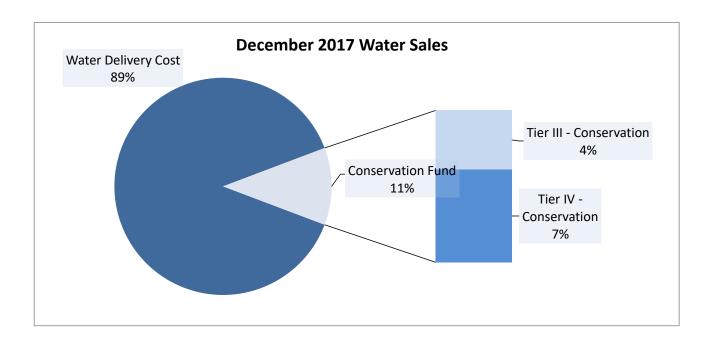
Year To Date Sales in ccf							
Tier I	802,921	51.05%					
Tier II	646,024	41.07%					
Tier III	69,117	4.39%					
Tier IV	54,759	3.48%					
	1,572,821	100.00%					



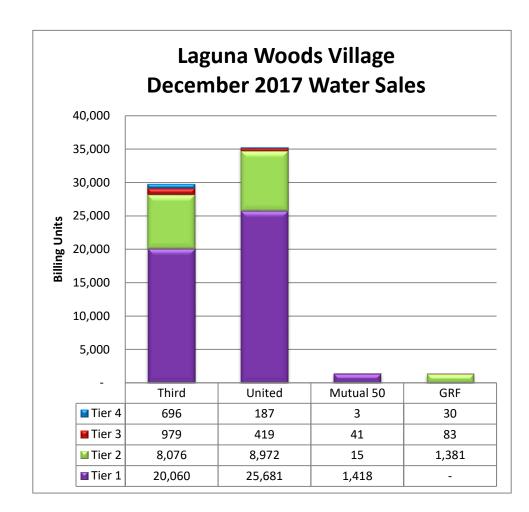
Current Month Sales in ccf							
Tier I	131,390	61.95%					
Tier II	61,098	28.81%					
Tier III	9,502	4.48%					
Tier IV	10,117	4.77%					
	212,107	100.00%					

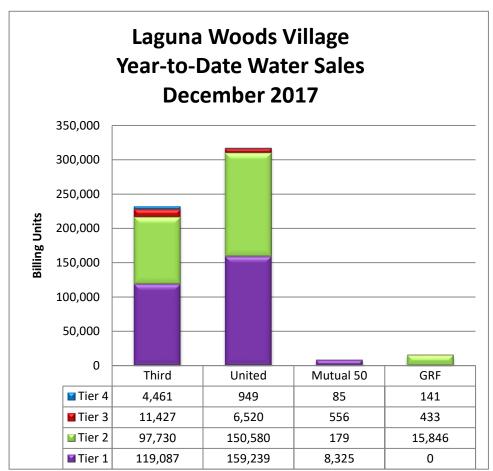


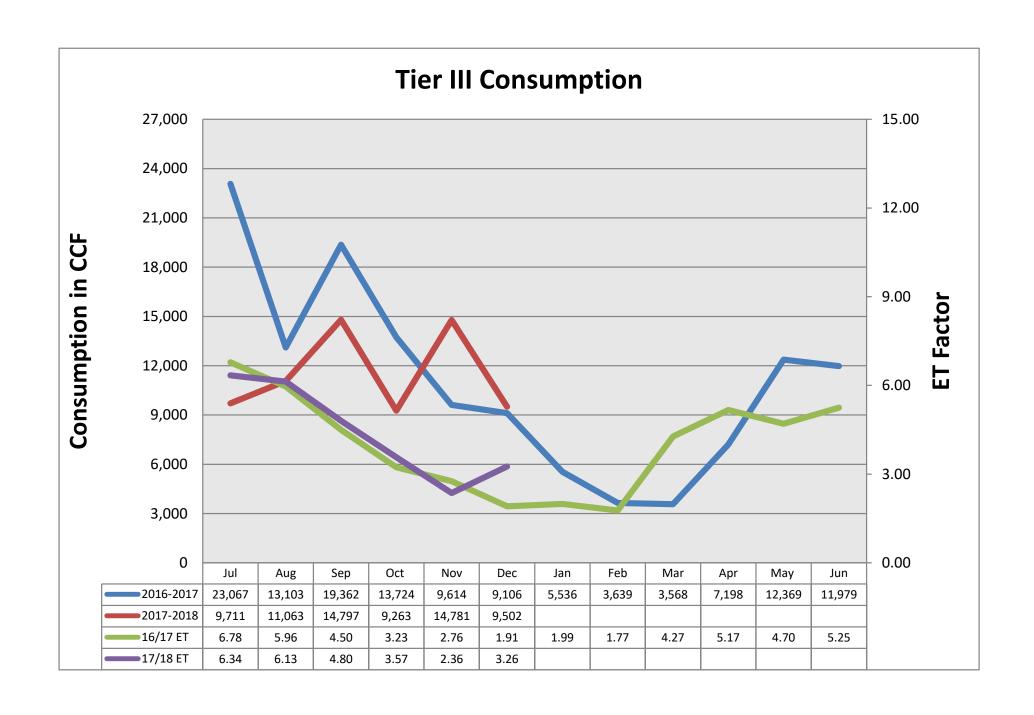
Category	Billings	Percentage
Water Delivery Cost	\$4,270,110.19	90.62%
Tier III - Conservation	\$206,328.39	4.38%
Tier IV - Conservation	\$235,475.49	5.00%
	\$4,711,914.07	100.00%

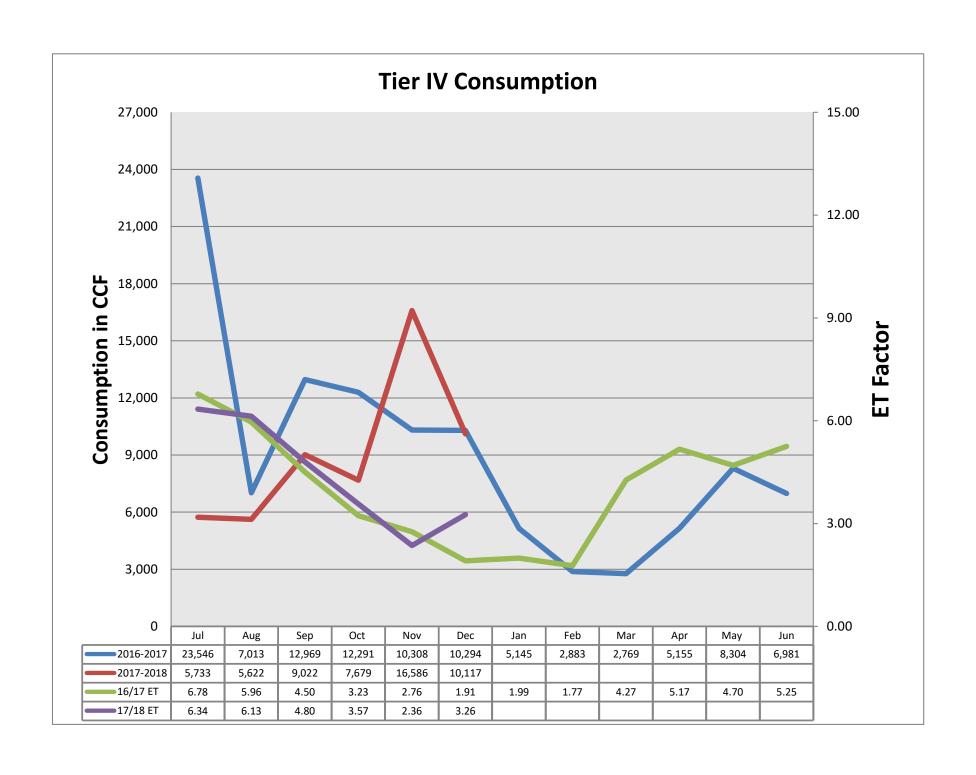


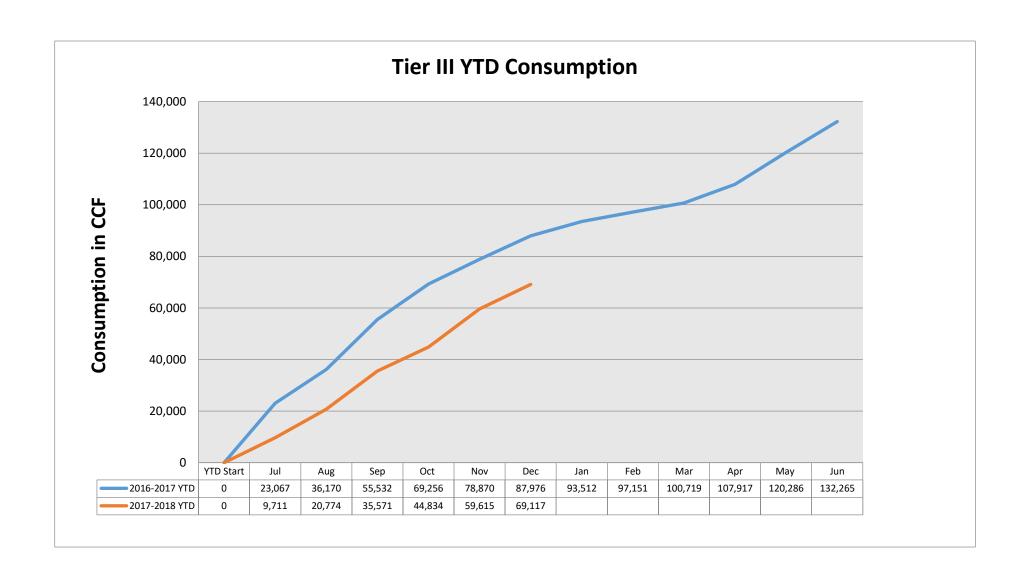
Category	Billings	Percentage
Water Delivery Cost	\$570,664.31	88.50%
Tier III - Conservation	\$28,886.08	4.48%
Tier IV - Conservation	\$45,242.25	7.02%
	\$644,792.64	100.00%

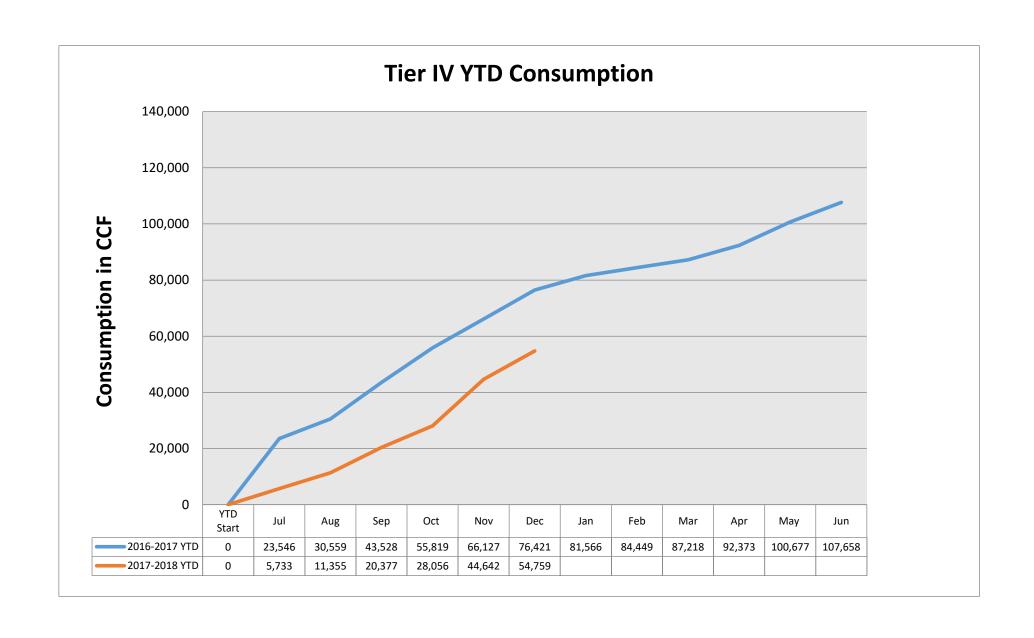


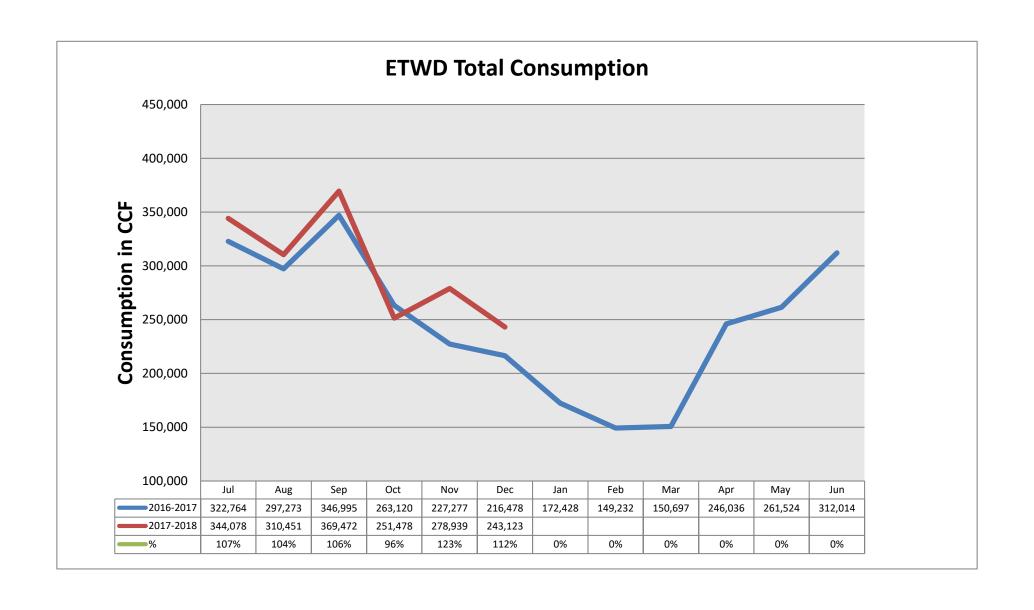


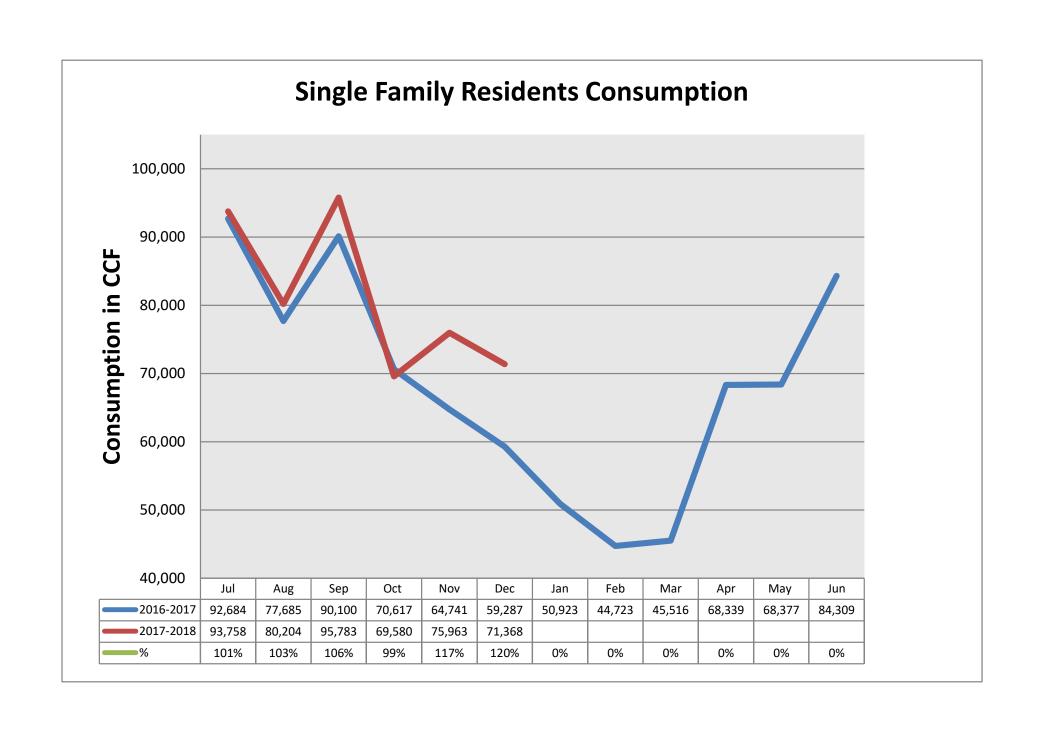


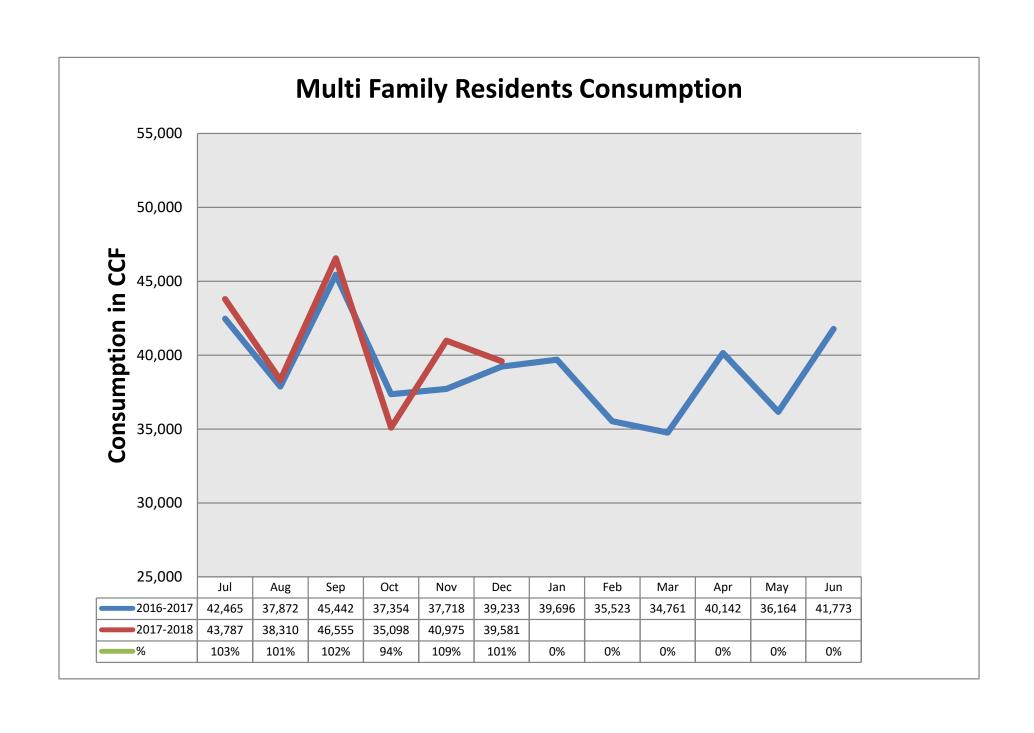


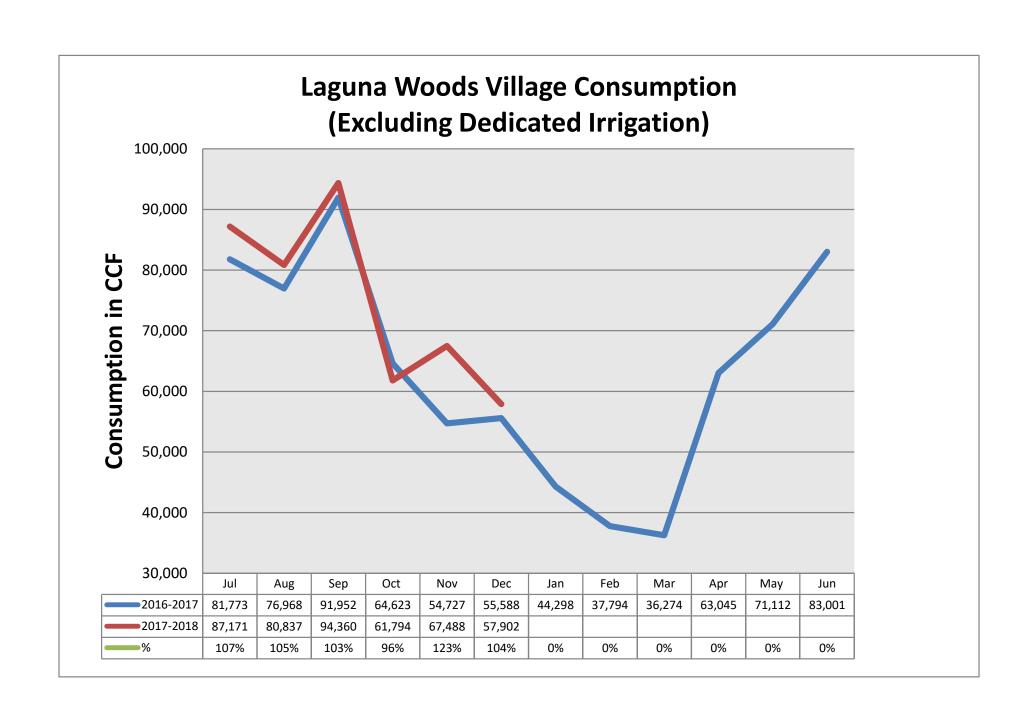


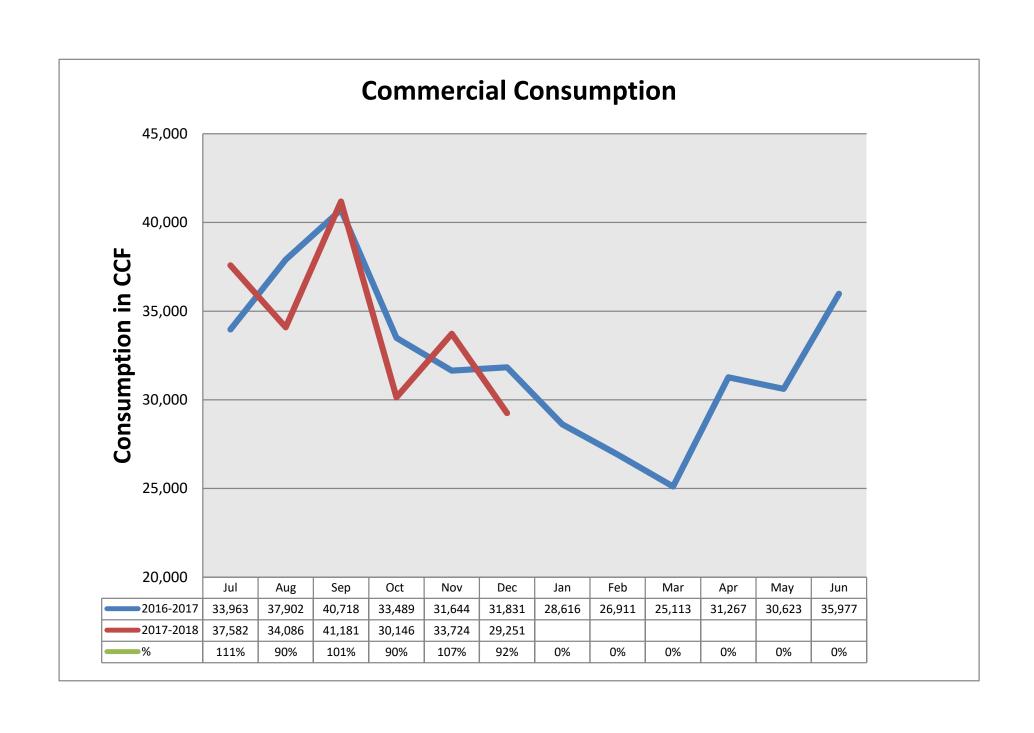


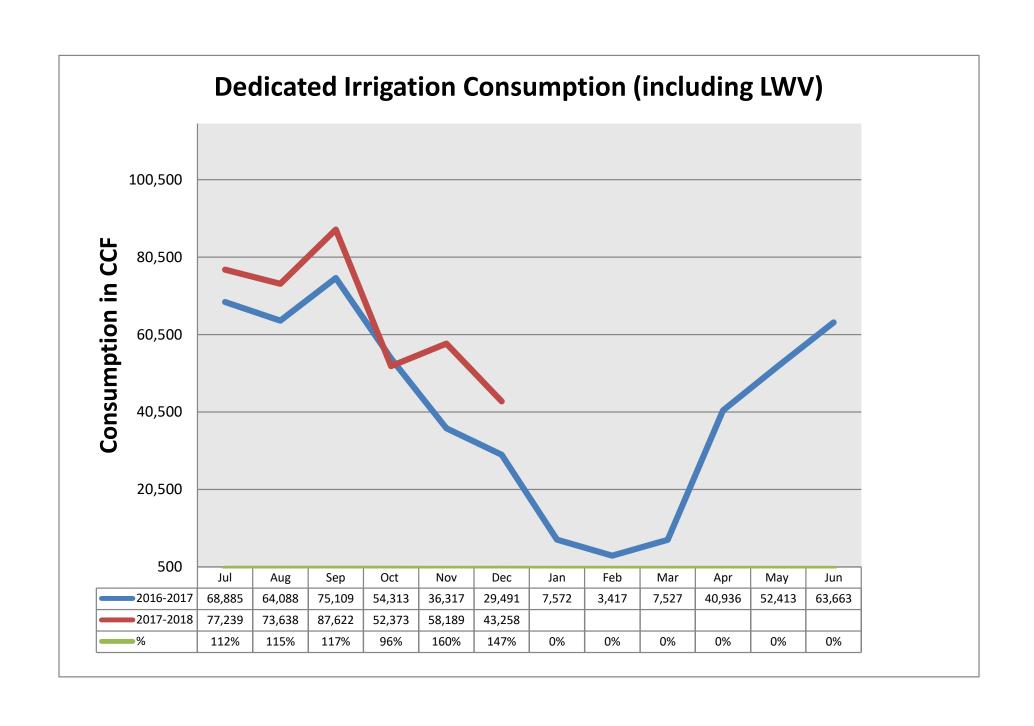












# Excerpts From League Of Cities Open & Public V

(A Guide To Ralph M. Brown Act)



## Technological conferencing

Except for certain nonsubstantive purposes, such as scheduling a special meeting, a conference call including a majority of the members of a legislative body is an unlawful meeting. But, in an effort to keep up with information age technologies, the Brown Act specifically allows a legislative body to use any type of teleconferencing to meet, receive public comment and testimony, deliberate, or conduct a closed session. While the Brown Act contains specific requirements for conducting a teleconference, the decision to use teleconferencing is entirely discretionary with the body. No person has a right under the Brown Act to have a meeting by teleconference.

"Teleconference" is defined as "a meeting of a legislative body, the members of which are in different locations, connected by electronic means, through either

audio or video, or both."<sup>21</sup> In addition to the specific requirements relating to teleconferencing, the meeting must comply with all provisions of the Brown Act otherwise applicable. The Brown Act contains the following teleconferencing requirements:<sup>22</sup>

- Teleconferencing may be used for all purposes during any meeting;
- At least a quorum of the legislative body must participate from locations within the local agency's jurisdiction;
- Additional teleconference locations may be made available for the public;
- Each teleconference location must be specifically identified in the notice and agenda of the meeting, including a full address and room number, as may be applicable;
- Agendas must be posted at each teleconference location, even if a hotel room or a residence;
- Each teleconference location, including a hotel room or residence, must be accessible to the public and have technology, such as a speakerphone, to enable the public to participate;
- The agenda must provide the opportunity for the public to address the legislative body directly at each teleconference location; and
- All votes must be by roll call.
- Q. A member on vacation wants to participate in a meeting of the legislative body and vote by cellular phone from her car while driving from Washington, D.C. to New York. May she?
- A. She may not participate or vote because she is not in a noticed and posted teleconference location.

The use of teleconferencing to conduct a legislative body meeting presents a variety of issues beyond the scope of this guide to discuss in detail. Therefore, before teleconferencing a meeting, legal counsel for the local agency should be consulted.

# EL TORO WATER DISTRICT Glossary of Water Terms

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

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

ACWA: Association of California Water Agencies.

A statewide group based in Sacramento that actively lobbies State and Federal

Government on water issues.

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

AFY: Acre-foot per year.

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

AMP: Allen McCulloch pipeline.

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

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

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

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

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

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

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

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

AWWA American Water Works Association

Nationwide group of public and private water purveyors and related industrial suppliers.

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

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

BIA: Building Industry Association.

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

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

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

Brackish water: A mixture of freshwater and saltwater.

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

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

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

CEQA: California Environmental Quality Act.

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

**CFS:** Cubic feet per second.

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

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

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

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

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

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

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

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

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

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

#### Crisis:

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

CTP Coastal Treatment Plant

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

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

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

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

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

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

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

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

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

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

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

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

**Disinfection:** Water treatment which destroys potentially harmful bacteria.

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

**Drought:** A prolonged period of below-average precipitation.

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

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

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

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

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

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

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

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

Estuary: Where fresh water meets salt water.

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

FCH Federal Clearing House - Environmental Review/Processing

**FEMA** Federal Emergency Management Agency

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

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

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

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

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

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

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

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

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

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

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

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

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

**GPM:** Gallons per minute.

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

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

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

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

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

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

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

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

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

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

MAF: Million acre feet.

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

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

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

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

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

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

NPDES National Pollution Discharge Elimination System

OCBC: Orange County Business Council.

**OCEMA** Orange County Environmental Management Agency

**OCWD:** Orange County Water District.

### Opportunity:

1. A favorable juncture of circumstances.

2. A good chance for advancement or progress.

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

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

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

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

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

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

Potable water: Suitable and safe for drinking.

PPB: Parts per billion.

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

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

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

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

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

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

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

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

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

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

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

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

RFP Request for Proposal

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

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

R-O-W Right-of-way

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

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

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

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

**SAFRA** Santa Ana River Flood Protection Agency

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

SAWPA: Santa Ana Watershed Project Authority.

SCADA Supervisory Control and Data Acquisition

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

**SCH** State Clearing House - Environmental Review/Processing

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

STSS (Short Term Seasonal Storage) financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;

LTSS (Long Term Seasonal Storage) financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

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

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

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

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

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

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

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

**SJBA** San Juan Basin Authority

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

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

CSC - City of San Clemente

CSJC - City of San Juan Capistrano

CLB - City of Laguna Beach

ETWD - El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD - Moulton Niguel Water District

SCWD - South Coast Water District

SMWD – Santa Margarita Water District

TCWD - Trabuco Canyon Water District

SRF State Revolving Fund

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

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

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

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

**SWRCB** State Water Resources Control Board

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

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

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

TMA: Too many acronyms.

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

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

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

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

**VE** Value Engineering

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

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

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

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

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

**Water year (USGS):** The period between October 1st of one calendar year to September 30<sup>th</sup> 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.