



# Yucaipa Valley Water District

## Notice and Agenda of a Board Workshop

Tuesday, August 8, 2017 at 4:00 p.m.

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MEETING LOCATION: District Administration Building  
12770 Second Street, Yucaipa

MEMBERS OF THE BOARD: Director Chris Mann, Division 1  
Director Bruce Granlund, Division 2  
Director Jay Bogh, Division 3  
Director Lonni Granlund, Division 4  
Director Tom Shalhoub, Division 5

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- I. **Call to Order**
- II. **Public Comments** At this time, members of the public may address the Board of Directors on matters within its jurisdiction; however, no action or significant discussion may take place on any item not on the meeting agenda.
- III. **Staff Report**
- IV. **Presentations**
  - A. Overview of California's New Residential Zero Net Energy (ZNE) Action Plan [[Workshop Memorandum No. 17-112 - Page 5 of 86](#)]
- V. **Operational Updates**
  - A. Update on Recent Pipeline Replacements on Rodeo Road and Rancho Road [[Workshop Memorandum No. 17-113 - Page 22 of 86](#)]
- VI. **Policy Issues**
  - A. Notice and Overview of the Santa Ana Watershed Project Authority Proposed Revisions to Ordinance No. 8 Establishing Local Limits and Regulations for the Use of the Inland Empire Brineline [[Workshop Memorandum No. 17-114 - Page 24 of 86](#)]
  - B. Discussion Regarding Proposed Recycled Water Connection Improvements for Ridgeview Elementary School [[Workshop Memorandum No. 17-115 - Page 26 of 86](#)]
  - C. Overview of a Proposed Resolution Setting Fees for the Installation of New Drinking Water and Recycled Water Meter Installations [[Workshop Memorandum No. 17-116 - Page 28 of 86](#)]

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Any person who requires accommodation to participate in this meeting should contact the District office at (909) 797-5117, at least 48 hours prior to the meeting to request a disability-related modification or accommodation.

Materials that are provided to the Board of Directors after the meeting packet is compiled and distributed will be made available for public review during normal business hours at the District office located at 12770 Second Street, Yucaipa. Meeting materials are also available on the District's website at [www.yvwd.dst.ca.us](http://www.yvwd.dst.ca.us)

- D. Overview of a Draft Resolution Setting the Methodology for Calculating a Facility Capacity Charge Component Related to the Purchase of Supplemental Water from the San Gorgonio Pass Water Agency for Development within the City of Calimesa [[Workshop Memorandum No. 17-117 - Page 32 of 86](#)]

**VII. Development Related Issues**

- A. Overview of the Proposed Summerwind Development, Calimesa [[Workshop Memorandum No. 17-118 - Page 42 of 86](#)]
- B. Overview of the Proposed Water Supply Assessment for the Mesa Verde Development, Calimesa [[Workshop Memorandum No. 17-119 - Page 44 of 86](#)]

**VIII. Administrative Issues**

- A. Presentation of the Unaudited Financial Report for the Period Ending on July 31, 2017 [[Workshop Memorandum No. 17-120 - Page 47 of 86](#)]
- B. Review of Public Disclosure Report Pursuant to Government Code Section 53065.5 for Fiscal Year Ending June 30, 2017 [[Workshop Memorandum No. 17-121 - Page 75 of 86](#)]

**IX. Director Comments**

**X. Closed Session**

- A. Conference with Legal Counsel Existing Litigation Government Code, Section 54956.9(d)  
- Robinson Ranch vs Yucaipa Valley Water District;  
San Bernardino Superior Court Case No. CIVDS 1712116
- B. Conference with Real Property Negotiator(s)  
Conference with Real Property negotiator(s) (Government Code 54956.8)  
Property: Assessor's Parcel Number: 301-201-20  
Agency Negotiator: Joseph Zoba, General Manager  
Negotiating Parties: Abraham Issa  
Under Negotiation: Terms of Payment and Price

**XI. Adjournment**

# Staff Report



Yucaipa Valley Water District

# Presentations



Yucaipa Valley Water District



**Date:** August 8, 2017  
**From:** Joseph Zoba, General Manager  
**Subject:** Overview of California's New Residential Zero Net Energy (ZNE) Action Plan

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In 2007, the California Public Utilities Commission (CPUC) adopted goals that all new residential construction in California will be zero net energy by 2020, and all new commercial construction in California will be zero net energy by 2030. The California Energy Commission adopted the goal to achieve zero net energy building standards by 2020 for homes and 2030 for commercial buildings in its 2007 Integrated Energy Policy Report (IEPR), and reaffirmed that goal in its 2011 IEPR. The Zero Net Energy Building goals have also been supported in the California Energy Action Plan, the AB 32 Scoping Plan, the Governor's Clean Energy Jobs Plan, and the Clean Energy Futures Vision.

In order to effectively implement each of the California Long Term Energy Efficiency Strategic Plan's goals, the CPUC has initiated individual goal area Action Plan efforts to create work plans and to continue the stakeholder engagement process that was used in the strategic plan. In 2010, the CPUC launched a ZNE Commercial Building Action Plan. The Energy Division of the CPUC is currently creating a similar ZNE Residential 2020 Vision Framework.

The attached presentation slides were obtained from the <http://www.californiaznehomes.com/> website at [http://docs.wixstatic.com/ugd/cc790b\\_3f756cbb070c4b57a324b15735e03cec.pdf](http://docs.wixstatic.com/ugd/cc790b_3f756cbb070c4b57a324b15735e03cec.pdf).

The purpose of this workshop item is to provide a brief overview of the residential Zero Net Energy requirements, which shares common goals to the District's dual-plumbing requirements for new homes. When both programs are implemented in 2020, the new homes built within the District's service area will be extremely energy and water efficient.

## Cottle Net Zero Energy Home

**Design | Build:** The Cottle Zero Energy Home was the **1st Net Zero Energy new home in California** and is recognized as one of the highest-performance, greenest and most energy efficient homes in the State. It was awarded a special commendation by the California Energy Commission. It boasts all the features you would expect in a custom luxury home in Silicon Valley, and much more. Explore the information, document links and videos below to learn about this groundbreaking contemporary home redefining performance standards for indoor air quality, comfort, energy and water efficiency, and of course, modern style and luxury.





## California's New Residential ZNE Action Plan

### What's Next

June 5, 2017

2 Years, 6 Months  
Or **912 Days**  
**To Z-DAY**





# What do we need to get there?

**Priorities?**  
**CPUC? CEC? IOUs?**  
**Stakeholders?**



Critical Path & Priorities





- 1 Roll Out Statewide Outreach and Awareness Campaign
- 1 2 5 Demonstration Projects: Single Homes and Community-scale/Subdivision
  - 1 2 ZNE Builder Early Adopter Program Launched
    - 2 ZNE New Residential Workforce Sector Strategy Adopted
  - 1 3 4 Promote ZNE/EE Labeling/Score Third Party Verification
  - 1 Highly Engaged Local Governments Support ZNE
    - 1 3 Information Clearinghouse/Interactive Web Portal Launched
    - 3 Technical Tools Needs Assessment Completed
      - 5 Grid Impact Analysis Completed
      - 6 Local Government Early Adopter Program Launched
      - 4 ZNE Specific Financing Available
      - 4 New ZNE Incentives and Tax Credits
      - 4 Multifamily, Low Income Incentives Available
      - 6 Local Government ZNE Reach Code Adoption and Support
        - 2 Statewide ZNE Curriculum is Adopted
          - 3 Integrated Suite of Technical Tools Available
          - 6 Title 24 Requires all reasonable EE Measures
          - 4 Energy-based Appraisal Standard Utilized
            - 4 Standard Permitting Process Adopted
            - 6 Title 24 pt 6, Title 20 promotes ZNE

# California's ZNE Building Goals

- All new **residential** construction in California will be ZNE by 2020
- All new **commercial** construction will be ZNE by 2030
- 50% of existing **commercial** buildings will be retrofit to ZNE by 2030
- All new & major renovations of **state** buildings shall be ZNE 2025; 50% at 2020

*IBEW Zero Net Energy Center, San Leandro*

## Legislative Change

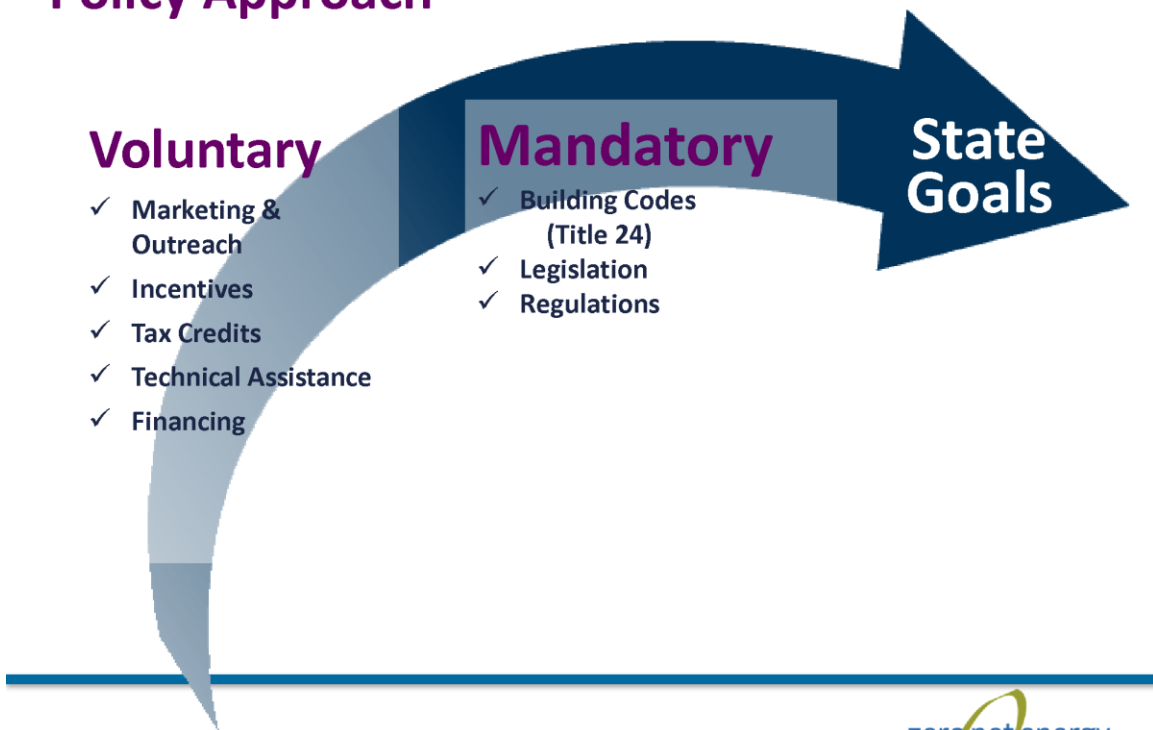
AB 802: Statewide building energy use benchmarking & disclosure

SB 350: By 2030... Renewable Portfolio Standard (RPS) – 50% ; 50% Increase Energy Efficiency in Existing Buildings

AB 32/SB 32 Global Warming Solutions Act 80% below 1990 in 2050

Prop. 39 – Clean Energy Funding; AB758, AB 793

## Policy Approach



## Policy Approach: Action Plans

The diagram features a large blue arrow pointing to the right, labeled "State Goals". Below the arrow, three documents are displayed. On the left is the cover of the "California Long Term Energy Efficiency Strategic Plan" dated September 2015, which lists sectors like Commercial, Residential, and Industrial, and mentions "LOCAL GOVERNMENT". In the center is the cover of the "New Residential Zero Net Energy Action Plan 2015-2020 Executive Summary", dated September 2015, with logos for the California Public Utilities Commission Energy Division and the California Energy Commission. On the right is the cover of the "CA Existing Buildings Energy Efficiency Action Plan", dated September 2015, with the California Energy Commission logo. A blue horizontal line is positioned below the documents.



## \$1 Billion Energy Efficiency Business Plans

The diagram features a large blue arrow pointing to the right, labeled "State Goals". Below the arrow, three business plan documents are displayed. On the left is the "BayREN Energy Efficiency Business Plan 2018-2025" from the Bay Area Regional Energy Network, dated January 23, 2017. In the center is the "ENERGY EFFICIENCY BUSINESS PLAN 2018-2025" from Pacific Gas and Electric Company. On the right is the "Energy Efficiency Business Plan" from SoCalGas, dated January 17, 2017. A blue horizontal line is positioned below the documents.







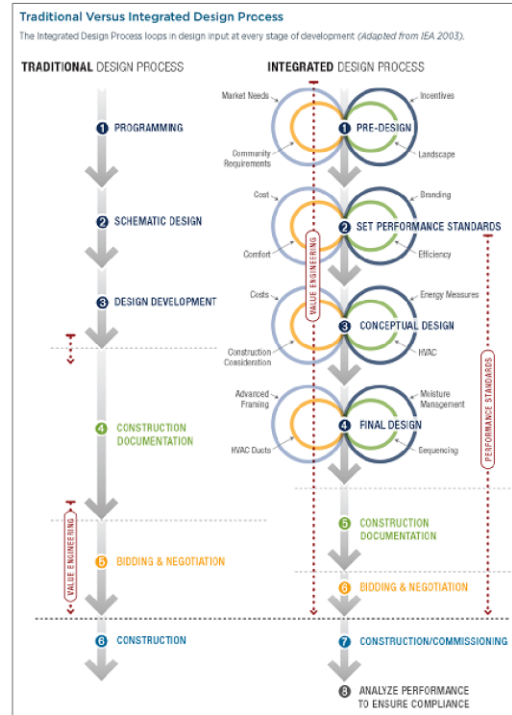
## Overarching Benchmarks

1. By 2020, **all new homes are ZNE Code or ZNE Ready** homes.
2. By early 2016, utility new construction activities include fully subscribed **ZNE Builder Early Adopter Programs** that address incentives, training, market adoption, and demonstration projects, etc.
3. An Updated California Residential Building **Rating and/or Labeling System** (Updated HERS or equivalent) is in place by 2016.
4. Between 2013 and 2017, California sees a 5-10% percentage **decrease in the cost** of implementing ZNE on production homes.
5. By 2017, a **nationally recognized appraisal standard**, accepted by underwriters and funders for ZNE homes is in place and utilized in California.
6. An adequate **pool of trained and educated professionals** in design, engineering and construction to support ZNE demand in California is in place by 2018.



## Catalytic Projects and Programs

- Early Adopter Program
- Third Party Verification System (Rating/Labeling)
- Reach Codes
- Demonstration Projects
- Integrated Building Design

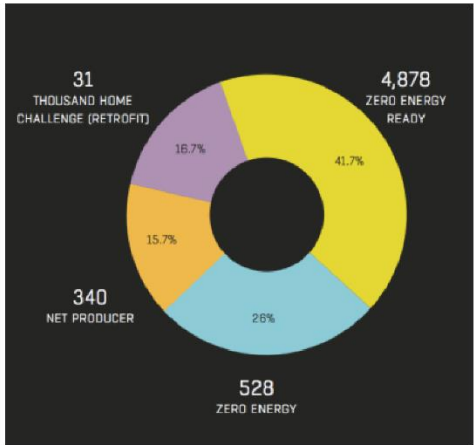
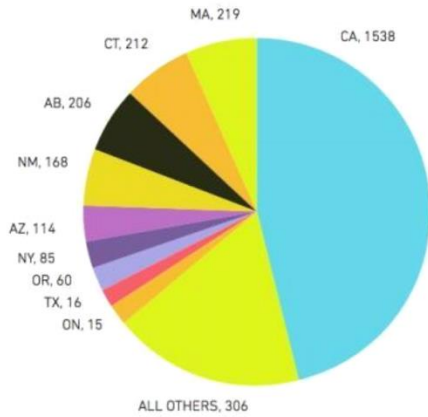


Where are we now?

# Residential ZNE Buildings

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TOP 10 STATES AND PROVINCES BY NUMBER OF BUILDINGS  
EXHIBIT 6



Inventory and graphics by Net Zero Coalition



## Implementation Activities

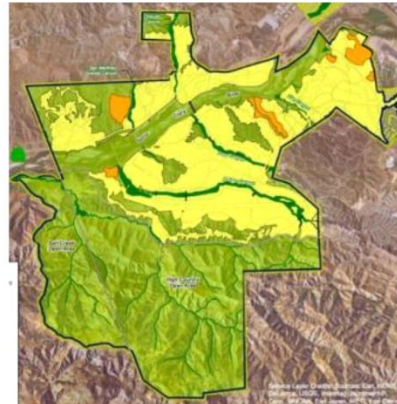
- Labeling Standards/ZNE Definition/ Message Workshops
  - DOE and ZREH Discussions
- CEC Code Preparation/Energy Design Ratings
- Engage Industry & Manufacturing Stakeholders
- Smart Grid Study
- IOUs:
  - High Performing Walls and Attics Pilot
  - California Advanced Home Program
  - Community Scale Pilots
  - Technical Assistance
- Local Government ZNE Reach Codes and Policies



## New ZNE Communities



Sierra Crest – Meritage Community



21,500 Planned Zero Energy Home Community



CEC EPIC Grants:  
Residential and Commercial Communities

- Fresno
- Richmond
- Huntington Beach
- Oakland



## The Future ...Dynamic Environment





## Role of the Business Plans . . .

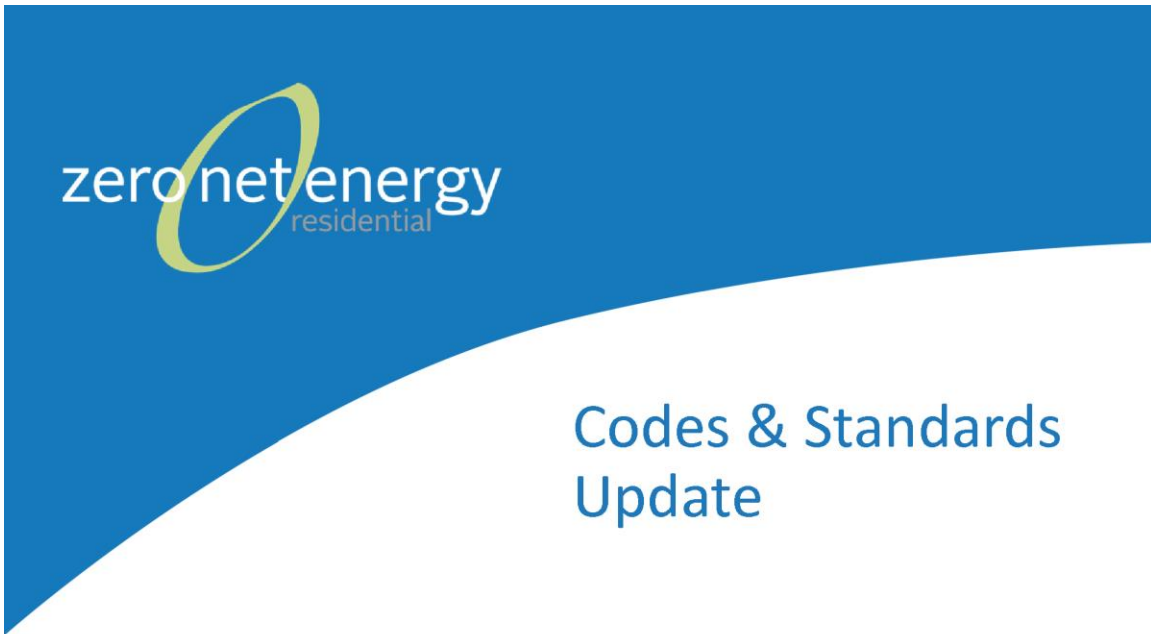
- California Advance Homes Program (CAHP)
  - Community Scale/Demonstrations
  - Code Readiness
  - Workforce Education and Training (WE&T)
  - Emerging Technologies (ET)
  - And . . .
- 
- What do we need? What is missing? What can be addressed in programs?



Rory Cox, CPUC  
rory.cox@cpuc.ca.gov

BluePoint Planning  
Mindy Craig  
mindy@bluepointplanning.com  
Dave Hewitt  
daveh@bluepointplanning.com

[www.CaliforniaZNEhomes.com](http://www.CaliforniaZNEhomes.com)



## Getting to Zero: The Regulatory Perspective



Rory Cox, CPUC, Energy Division  
ZNE Workshop at CPUC  
June 5, 2017



## A few proceedings related to ZNE

- Energy Efficiency Proceeding (R.13-11-005) – Considering 10 year business plans
- Distributed Resource Planning (DRP) Proceeding (R. 14-08-013) - Identify optimal locations for optimal DER portfolios
- Integrated Distributed Energy Resources (IDER) Proceeding (R.14-10-003) – Competitive DER solicitation framework



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## ZNE Grid Integration Study – Purpose and Approach

- Study in progress by DNV-GL
- Purpose:
  - Evaluate the impacts of ZNE on the distribution grid to be included in Title 24 cost-effectiveness method
- Scope:
  - DNV GL’s scope is to calculate the integration costs of ZNE to the grid and work with CEC to incorporate these costs into Title 24.
- Approach
  1. Create base case scenario using DRP circuits and IEPR housing and PV forecasts
  2. Overlay circuits, houses and PV on a map
  3. Cluster circuits into representative circuits for analysis
  4. Calculate ZNE integration costs per representative circuit
  5. Extrapolate costs to the rest of the IOU territory



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## ZNE Grid Integration Study – Preliminary Conclusions

- Will calculate projected ZNE integration costs per new ZNE home:
  - Costs start to increase exponentially once storage is required to mitigate transient voltage problems
  - Costs are shared between building developer and utility ratepayers
  - Preliminary results show large difference between utilities
- Projected feeders requiring storage for PV integration by 2024:
  - PG&E: 126 (out of 860)
  - SCE: 1 (out of 2189)
- Total MW of distributed storage (utility or customer-owned) required by 2024 to integrate the forecasted ZNEs:
  - PG&E: 133 MW
  - SCE: 0.22 MW



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## ZNE Grid Integration Study – Preliminary Conclusions Notes

Reasons for the cost differences between SCE and PG&E:

- PG&E has more homes projected over fewer feeders.
- PG&E has higher average PV penetration. (20% for PG&E and 12.7% for SCE.)
- PG&E feeders tend to have more need for energy storage as mitigation. Based on the sample circuits, PG&E circuits tend to be significantly longer from substation to the end of the circuit (average of around 11,400 ft for PG&E versus 6,600 ft for SCE), and for total length including all branches (74,000 ft for PG&E versus 27,500 ft for SCE). Longer circuits can lead to more sensitivity when it comes to voltage regulation.

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## Possible Mitigation Measures/Other factors to consider

- Energy Storage
- Smart Inverters – Phase 3
- Possible Waivers for some circuits
- Quantifying Additional Benefits
- Demand Response and Pre-cooling<sup>27</sup>



## Questions?

Rory Cox, Senior Analyst

California Public Utilities Commission – Energy Division

Ph: 415-703-1093

Email: [rory.cox@cpuc.ca.gov](mailto:rory.cox@cpuc.ca.gov)



# Operational Updates



Yucaipa Valley Water District



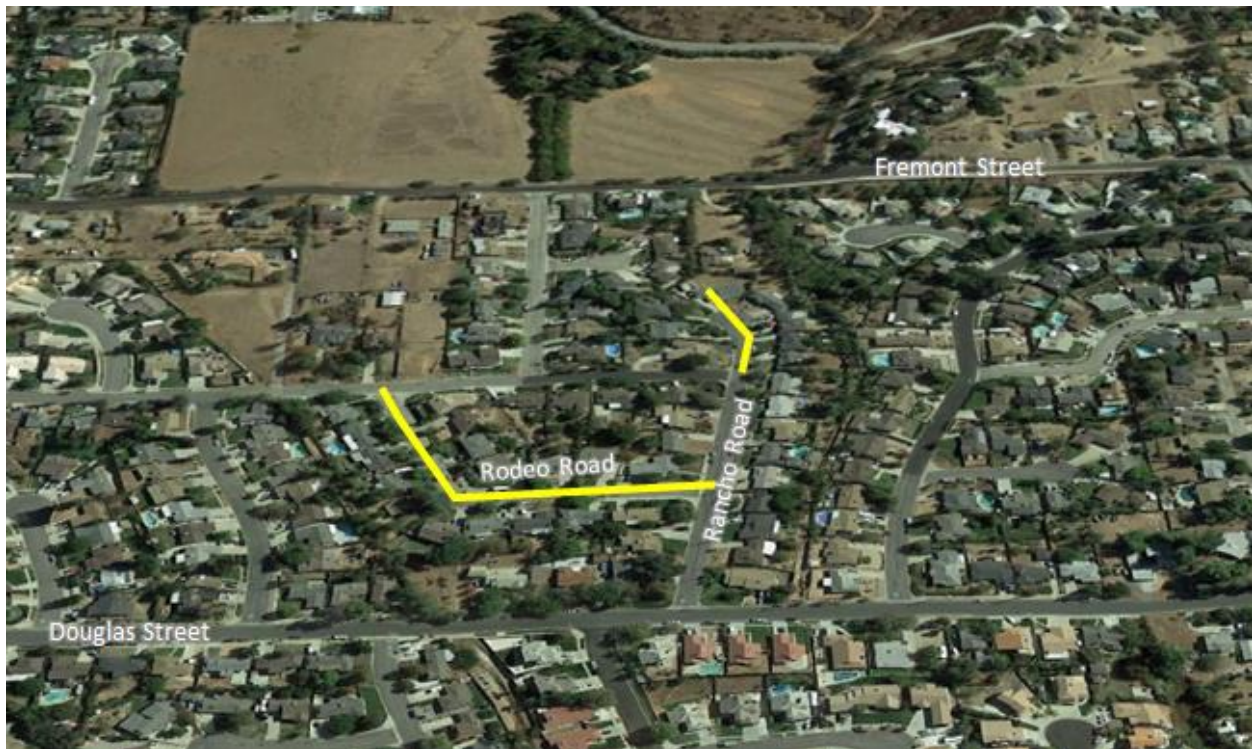
**Date:** August 8, 2017

**From:** Matthew Porras, Management Analyst

**Subject:** Update on Recent Pipeline Replacements on Rodeo Road and Rancho Road

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With the completion of replacement pipelines on Rancho Road and Rodeo Road, the District staff has been coordinating pavement improvements with the City of Yucaipa. An update on the paving requirements for this project will be discussed at the workshop.





# Policy Issues



Yucaipa Valley Water District



**Date:** August 8, 2017

**From:** Joseph Zoba, General Manager

**Subject:** Notice and Overview of the Santa Ana Watershed Project Authority Proposed Revisions to Ordinance No. 8 Establishing Local Limits and Regulations for the Use of the Inland Empire Brineline

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On March 19, 2014, the Yucaipa Valley Water District adopted Ordinance No. 7 of the Santa Ana Watershed Project Authority as Yucaipa Valley Water District Ordinance No. 56-2014 which established regulations for the use of the Inland Empire Brineline.

On September 19, 2017, the Santa Ana Watershed Project Authority will hold a public hearing to update regulations related to the discharge and operation of the Inland Empire Brineline. This proposed Ordinance protects public health, promotes reuse, and restricts pollutants that obstruct flows or interfere with sewer treatment plants. As a result of these updates there will be changes to the District's permit, water quality monitoring requirements, and water-quality reporting for the brineline. The Yucaipa Valley Water District will be required to comply with the proposed Ordinance immediately upon its approval by the SAWPA Commission.

The District staff values the partnership we have with representatives from the Santa Ana Watershed Project Authority and the Orange County Sanitation District. As such, the District staff will recommend adopting the SAWPA Ordinance No. 8 in a manner similar to our adoption of the adoption of the SAWPA Ordinance in 2014.

Additional Resources:

- SAWPA Notice of a Public Hearing ([link](http://www.sawpa.org/wp-content/uploads/2012/07/SAWPA-Notice-of-Public-Hearing-web.pdf)) - <http://www.sawpa.org/wp-content/uploads/2012/07/SAWPA-Notice-of-Public-Hearing-web.pdf>
- Draft SAWPA Ordinance No. 8 ([link](http://www.sawpa.org/wp-content/uploads/2012/07/Draft-Ordinance-No.-8-08012017-web.pdf)) - <http://www.sawpa.org/wp-content/uploads/2012/07/Draft-Ordinance-No.-8-08012017-web.pdf>
- Draft SAWPA Resolution No. 2017-11 Establishing Local Limits ([link](http://www.sawpa.org/wp-content/uploads/2012/07/Draft-Resolution-2017-11-08012017-web.pdf)) - <http://www.sawpa.org/wp-content/uploads/2012/07/Draft-Resolution-2017-11-08012017-web.pdf>

The proposed Ordinance has been updated to include, among other items:

Issue	Change/Amendment
Permit Terms:	The maximum duration for permits has been lengthened, but shall remain consistent with OCSD practices.
Enforcement Response Schedules:	Reporting and response schedules have been defined for mechanisms of compliance.
Permit Transfers:	Ordinance language has been strengthened to prohibit permit transfers.
Temporary Permits:	New permit type for facilities that have undergone a transfer in ownership while a new permit application is prepared.
Letter to Discharge:	New Control Mechanism for authorization of one-time discharges under 1 million gallons.
Wastestream Correction Formula:	A formula used to adjust the Local Limits to account for the presence of unregulated wastestreams.
Ordinance:	Numerous Administrative Changes.

The proposed Local Limits Resolution has been updated to include:

Pollutant of Concern	Existing Limit	New/Amended Limit
Biochemical Oxygen Demand	15,000 lb/day	Mass Allocation
Ammonia	-	Mass Allocation
Chromium (Total)	2.0 mg/L	20.0 mg/L
Silver	5.0 mg/L	15.0 mg/L
Molybdenum	-	2.3 mg/L
Selenium	-	3.9 mg/L
1,4-Dioxane	-	1.0 mg/L
Total Toxic Organics	0.58 mg/L	-
Cyanide (Amenable)	1.0 mg/L	-



**Date:** August 8, 2017

**From:** Kathryn Hallberg, Management Analyst

**Subject:** Discussion Regarding Proposed Recycled Water Connection Improvements for Ridgeview Elementary School

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Yucaipa Valley Water District strives to develop and advance innovative and effective public policies to improve the overall management of our water resources.

Yucaipa Calimesa Joint Unified School District has been working together with the Yucaipa Valley Water District staff to convert the play fields at Ridgeview Elementary School from drinking water to recycled water. While recycled water is available for the school in Sunnyside Drive, the elevation of the play fields will require the installation of an irrigation pump to provide sufficient pressure to allow the existing sprinkler system to function properly.



Yucaipa Valley Water District is offering a pilot program to utilize on-bill financing as a method to accommodate the installation of a recycled water pump at this site. Using on-bill financing, the water district will pay for the installation of the irrigation pump and the school district would

reimburse the water district from the differential between drinking water rates and recycled water rates over time. Additionally, the Yucaipa Valley Water the District staff recommends participating in this recycled water conversion project with a maximum contribution of \$25,000 towards contract administration, construction management, and inspection services. By participating in this conversion project, the District is essentially securing additional potable water supplies for our community.

The construction activity related to this recycled water conversion will impact the flow of traffic around the school and might provide an attractive nuisance for the students. Therefore, the District will be coordinating the construction activity to occur during the Thanksgiving and winter breaks. To meet this schedule, the equipment needed for this project must be ordered in advance. Therefore, as the water district and the school district work through the details of the project, it might be advantageous to order the equipment to assure it's availability for the project construction.



**Date:** August 8, 2017

**From:** Matthew Porras, Management Analyst

**Subject:** Overview of a Proposed Resolution Setting Fees for the Installation of New Drinking Water and Recycled Water Meter Installations

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Resolution No. 18-2011 Section 2.7 *Potable Water & Recycled Water Meter Installation Charge*, (see below) is outdated in regard to the cost recovered by the District for the installation of 3/4" and 1" meters and has not been revised since 2011. The current charges are not sufficient to accommodate for fire sprinkler provisions, AMI equipment, or back flow prevention required for typical installations. Additionally, the variation of standard designs across different size and type of water service creates a large variation of actual costs incurred by the District.

Recently, there have been three major water service regulatory and policy changes that have significantly changed the cost to purchase materials and install water meter connections. These changes include

1. Residential Fire Sprinkler Requirement
2. Dual Plumed Residential Backflow Protection
3. Automated Meter Infrastructure Technology

Considering these regulatory and policy changes, the District staff recommends adjusting the associated meter installation costs.

#### **Current Section 2.7 of Resolution 18-2011 Setting Fees for Meter Installation:**

2.7 Potable Water & Recycled Water Meter Installation Charge. The cost associated with the installation of a 3/4" water meter shall be \$325 per meter and \$375 for a 1" water meter. The cost associated with the installation of larger water meters shall be the actual cost of all labor, material, and equipment charges, plus employee benefits, overhead and administrative surcharges per District Resolution with a deposit collected prior to installation.

#### **Actual Meter Installation Variations and Associated Costs:**

- 3/4" Drinking Water Meter Installation - Actual Cost = \$488.82
- 3/4" Recycled Water Meter Installation - Actual Cost = \$488.82
- 1" Drinking Water Meter Installation with Fire Sprinklers – Actual Cost = \$910.15
- 1" Drinking Water Meter Installation with Fire Sprinklers on Dual Plumbed Residence - Actual Cost = \$1,080.29
- 1" Recycled Water Meter Installation - Actual Cost = \$569.67
- The cost associated with larger meter installations or configurations shall be the actual cost of all labor, material, and equipment charges, plus employee benefits, overhead and administrative surcharges per District Resolution with a deposit collected prior to installation.



**3/4" Drinking Water Meter Installation:** Current fee collected is \$325 compared to actual cost of \$488.82. To adjust the gap between the fee and cost, consider the alternatives below.

	Option A	Option B
January 1, 2018	\$490	\$380
January 1, 2019	*	\$435*
January 1, 2020	*	\$490*

\*Actual cost subject to annual evaluation and possible adjustment.

**3/4" Recycled Water Meter Installation:** Current fee collected is \$325 compared to actual cost of \$488.82. To adjust the gap between the fee and cost, consider the alternatives below.

	Option A	Option B
January 1, 2018	\$490	\$380
January 1, 2019	*	\$435*
January 1, 2020	*	\$490*

\*Actual cost subject to annual evaluation and possible adjustment.

**1" Drinking Water Meter Installation with Fire Sprinklers:** Current fee collected is \$375 compared to actual cost of \$910.15. To adjust the gap between the fee and cost, consider the alternatives below.

	Option A	Option B
January 1, 2018	\$915	\$555
January 1, 2019	*	\$735*
January 1, 2020	*	\$915*

\*Actual cost subject to annual evaluation and possible adjustment.

**1" Drinking Water Meter Installation with Fire Sprinklers at a Dual Plumbed Residence:** Current fee collected is \$375 compared to actual cost of \$1,080.29. To adjust the gap between the fee and cost, consider the alternatives below.

	Option A	Option B
January 1, 2018	\$1,080	\$610
January 1, 2019	*	\$845*
January 1, 2020	*	\$1,080*

\*Actual cost subject to annual evaluation and possible adjustment.

**1" Recycled Water Meter Installation:** Current fee collected is \$375 compared to actual cost of \$569.67. To adjust the gap between the fee and cost, consider the alternatives below.

	Option A	Option B
January 1, 2018	\$570	\$440
January 1, 2019	*	\$505*
January 1, 2020	*	\$570*

\*Actual cost subject to annual evaluation and possible adjustment.



The tables below outline the current costs of the associated items related to the various size and types of common meter installations for reference.

<b>3/4" Meter Installations</b>			
<b>3/4" Drinking Water Meter Set</b>		<b>3/4" Recycled Water Meter Set</b>	
<b>Item</b>	<b>Cost</b>	<b>Item</b>	<b>Cost</b>
3/4" Meter	\$118.20	3/4" Meter	\$118.20
12" nipple	\$1.60	12" nipple	\$1.60
Ball meter valve	\$65.50	Ball meter valve	\$65.50
AMI Smartpoint	\$150.00	AMI Smartpoint	\$150.00
Labor	\$95.00	Labor	\$95.00
Sub Total	\$430.30	Sub Total	\$430.30
Overhead 13.6%	\$58.52	Overhead 13.6%	\$58.52
Total Current Cost	\$488.82	Total Current Cost	\$488.82
<b>Proposed Charge</b>	<b>\$490.00</b>	<b>Proposed Charge</b>	<b>\$490.00</b>
<b>Current Fee</b>	<b>\$325</b>	<b>Current Fee</b>	<b>\$325</b>
<b>Difference</b>	<b>\$163.82</b>	<b>Difference</b>	<b>\$163.82</b>

<b>1" Meter Installations</b>					
<b>1" Drinking Water Meter Set With Fire Sprinklers (W-5)</b>		<b>1" Drinking Water Meter Set with Fire Sprinklers on Dual Plumbed Residence (W-4)</b>		<b>1" Recycled Water Meter Set (R-6)</b>	
<b>Item</b>	<b>Cost</b>	<b>Item</b>	<b>Cost</b>	<b>Item</b>	<b>Cost</b>
Fire Service Meter	\$273.32	Fire Service Meter	\$273.32	1" Meter	\$172.96
U Branch	\$58.70	U Branch	\$58.70	12" nipple	\$1.33
12" nipple (2)	\$2.66	12" nipple (2)	\$2.66	Ball meter valve	\$82.18
Ball meter valve	\$82.18	Ball meter valve	\$82.18	AMI Smartpoint	\$150.00
Inline dual check	\$106.33	Inline dual check	\$106.33	Labor	\$95.00
Meter Spud	\$33.00	Testable Double Check	\$131.77	Sub Total	\$501.47
AMI Smartpoint	\$150.00	1" Union	\$18.00	Overhead 13.6%	\$68.20
Labor	\$95.00	Meter Spud	\$33.00	Total Current Cost	\$569.67
Sub Total	\$801.19	AMI Smartpoint	\$150.00	<b>Proposed Charge</b>	<b>\$570.00</b>
Overhead 13.6%	\$108.96	Labor	\$95.00	<b>Current Fee</b>	<b>\$375</b>
Total Current Cost	\$910.15	Sub Total	\$950.96		
<b>Proposed Charge</b>	<b>\$915.00</b>	Overhead 13.6%	\$129.33		
<b>Current Fee</b>	<b>\$375</b>	Total Current Cost	\$1,080.29		
		<b>Proposed Charge</b>	<b>\$1,080.00</b>		
		<b>Current Fee</b>	<b>\$375</b>		
<b>Difference</b>	<b>\$535.15</b>	<b>Difference</b>	<b>\$705.29</b>	<b>Difference</b>	<b>\$194.67</b>

It is important that new construction covers the actual cost associated of drinking water and recycled water meter installations based on new regulatory requirements and policy decisions. The District staff will continue to refine the fee structure of meter installations as well as continue discussions with the local builders, related associations, and interested parties.

**RESOLUTION NO. 2017-xx****A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT  
SETTING FEES FOR THE INSTALLATION OF DRINKING WATER AND RECYCLED WATER  
METERS**

WHEREAS, the Yucaipa Valley Water District (District) has invested in the beneficial use of Recycled Water in dual plumbed homes, and

WHEREAS, the regulations related to fire sprinklers in residential homes have increased the required appurtenances, and

WHEREAS, construction and operation of Automated Meter Infrastructure (AMI) is currently being expanded for drinking water and recycled water customers throughout the District; and

WHEREAS, the construction of a new home or business in the District's service area will be required to be connected to the AMI prior to receiving drinking water or recycled water service; and

WHEREAS, it is the intent of the Board of Directors by this Resolution to assist in the cost recovery of the required equipment and installation costs for new development; and

WHEREAS, the cost of equipment and installation shall be updated on a regular basis to reflect the true and accurate cost related to each meter installation including all required and related meter appurtenances.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Yucaipa Valley Water District as follows:

1. The cost associated with the hardware, software, installation, and equipment for the Automated Meter Infrastructure related to drinking water and recycled water service by the Yucaipa Valley Water District shall be invoiced and paid based on the actual cost of all labor, materials, and equipment, plus employee benefits, overhead and administrative surcharges pursuant to this resolution and other resolutions duly approved and adopted by the Board of Directors.
2. The cost shall be calculated and updated as needed on a regular basis and set forth in the cost of service information provided on the District website.
3. Payment of all related charges set forth in this resolution is required prior to installation of the drinking water or recycled water meter appurtenances.
4. This Resolution shall be effective immediately and shall supersede previous resolutions setting forth the cost recovery of water meter installations.

PASSED AND ADOPTED this 5<sup>th</sup> day of September 2017.



**Date:** August 8, 2017

**From:** Joseph Zoba, General Manager

**Subject:** Overview of a Draft Resolution Setting the Methodology for Calculating a Facility Capacity Charge Component Related to the Purchase of Supplemental Water from the San Gorgonio Pass Water Agency for Development within the City of Calimesa

The Yucaipa Valley Water District currently charges \$13,478 per dwelling unit for facilitate capacity charges for each new residential unit constructed in our service area. This fee recovers costs expended by the District for the construction of the following facilities:

Description of Drinking Water Component	Existing Facility Capacity Charges
Yucaipa Valley Regional Water Filtration Facility	\$3,811
Recycled Water System	\$823
Booster Pumping Plants	\$885
Pipeline Facilities	\$4,407
Water Storage Reservoirs	\$3,552
<b>Total</b>	<b>\$13,478</b>

While the District’s development related fees are typically more expensive than our neighboring agencies, the Yucaipa Valley Water District has consistently pursued extensive improvements and fully-integrated solutions to secure long-term, reliable, and resilient water service for our customers.

On July 27, 2015, the Board of Directors of the San Gorgonio Pass Water Agency (“SGPWA”) adopted Resolution No. 2015-05 adopting facility capacity fees for new infrastructure and additional water resources. The adoption of this resolution was deemed necessary by the SGPWA to “...meet future increasing demands for SGPWA supplemental water to the SGPWA service area which will require additional water facilities to be constructed to distribute water and to acquire additional water rights to meet future increasing demands.”<sup>1</sup>

At the board workshops on April 25, 2017, May 30, 2017, and July 11, 2017, the District staff presented a sample methodology that can be used to calculate the cost of securing permanent supplemental water supplies using the nexus report adopted by the San Gorgonio Pass Water

<sup>1</sup> This fee only is applicable to developments in the Calimesa portion of the Yucaipa Valley Water District service area. The portion of the Yucaipa Valley Water District in the City of Yucaipa receives imported water service from the San Bernardino Valley Municipal Water District.

Agency in July 2015. Based on the suggested methodology, the District staff prepared a draft resolution to adopt the methodology and implement a new facility capacity fee component applicable for new homes in the Calimesa portion of our service area.

Based on the sample methodology, the additional cost per residential dwelling unit in the City of Calimesa will be \$4,683 for a home that is dual-plumbed to receive recycled water for front and rear yard irrigation use.

### **Methodology Used to Calculate the Supplemental Water Facility Capacity Charge for Supplemental Water Resources**

- One Domestic Use Factor (1.0 DUF) = 10 kgal/monthly billing period
  - *Estimated Annual Drinking Water Demand = 120 kgal per year*
  - *Estimated Daily Drinking Water Demand of 330 gpd/EDU*
- 0% Interest
- 49.0% State Water Project Reliability Factor - Ten-Year Rolling Average
  - *2017 State Water Project Allocation on September 30 - 85% (DWR Notice 17-05)*
  - *2016 State Water Project Allocation on September 30 - 60% (DWR Notice 16-06)*
  - *2015 State Water Project Allocation on September 30 - 20% (DWR Notice 15-03)*
  - *2014 State Water Project Allocation on September 30 - 20% (DWR Notice 14-08)*
  - *2013 State Water Project Allocation on September 30 - 35% (DWR Notice 13-09)*
  - *2012 State Water Project Allocation on September 30 - 65% (DWR Notice 12-09)*
  - *2011 State Water Project Allocation on September 30 - 80% (DWR Notice 11-06)*
  - *2010 State Water Project Allocation on September 30 - 50% (DWR Notice 10-11)*
  - *2009 State Water Project Allocation on September 30 - 40% (DWR Notice 09-07)*
  - *2008 State Water Project Allocation on September 30 - 35% (DWR Notice 08-03)*
- \$6,231/Acre Foot Permanent Water Right Estimate
  - *Most Recent San Geronio Pass Permanent Water Right Purchase Estimate*

-----  
 Calculation:

$$120 \text{ kgal} \times \frac{1,000 \text{ gal}}{1 \text{ kgal}} \times \frac{0.000003069 \text{ AF}}{\text{gallon}} \times \frac{\$6,231}{\text{Acre Foot}} \times \frac{1}{0.490 \text{ Reliability}} = \underline{\underline{\$4,683/EDU}}$$

Since the last workshop, the District staff has had an opportunity to meet with representatives from the Building Industry Association and other stakeholders that have expressed an interest in this issue. Based on feedback received, the District staff recommends conducting a public hearing for the adoption of this fee on Tuesday, September 5, 2017 at 6:00 pm.

Additionally, the draft resolution has an effective date of July 1, 2018 to provide sufficient time for smaller residential projects that have already secured project-specific financing to complete their projects.

**DRAFT RESOLUTION NO. 2017-xx****A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT ESTABLISHING THE METHODOLOGY TO COLLECT FACILITY CAPACITY CHARGES RELATED TO SECURING PERMANENT DRINKING WATER RESOURCES FOR NEW DEVELOPMENT WITHIN THE BOUNDARY OF THE SAN GORGONIO PASS WATER AGENCY**

WHEREAS, the Yucaipa Valley Water District (the "District") is a public agency of the State of California organized and existing pursuant to the provisions of the County Water District Law of this State (Section 30000, et seq. of the Water Code); and

WHEREAS, the District has adopted Facility Capacity Charges for drinking water, sewer, and recycled water services; and

WHEREAS, the District's Board of Directors reviewed Resolution No. 2015-05 adopted by the San Gorgonio Pass Water Agency (the "Pass Water Agency") and its Capacity Fee Study and documentation ("Study") supporting the need for supplemental water to provide service to new development within the boundary of the Pass Water Agency; and

WHEREAS, the above-referenced Study was considered by the District's Board of Directors at several board workshops, board meetings and the public hearing; and

WHEREAS, the District's Board of Directors is expected to secure supplemental water from the Pass Water Agency when a permanent source of supply is secured and available to provide service to new development within the service area of the Pass Water Agency; and

WHEREAS, the purpose of the supplemental water capacity charge is to purchase and/or finance, in whole or in part, permanent water rights dedicated to the District or fund the implementation of a similar program that provides the same permanent water supply for new development within the boundary of both the District and the Pass Water Agency; and

WHEREAS, the fee structure and methodology established herein is set forth as the supplemental water fee adopted by the Pass Water Agency (as may be modified) in its Resolution No. 2015-05, Section 7 as a reasonable estimate for securing supplemental water rights unless modified by the District's Board of Directors; and

WHEREAS, the facts and evidence presented to the District's Board of Directors during previous board workshops and board meetings, including the Pass Water Agency's Study, demonstrate that the facility capacity charge related to supplemental water to be levied by the District will not exceed the estimated reasonable cost for providing the services for which the capacity charges are imposed and, therefore, complies with Government Code Section 66013; and

WHEREAS, the District is relying upon the facts and evidence presented in the Pass Water Agency's Study to support the need for the supplemental facility capacity charge expected to be assessed by the Pass Water Agency; and

WHEREAS, the supplemental water facility capacity charge established herein is exempt from the California Environmental Quality Act, Public Resources Code, Section 21080(b)(8) because the charges are imposed to obtain funds necessary to maintain services within the District; and WHEREAS, this resolution shall be implemented to supplement the facility capacity charges currently in effect by the Yucaipa Valley Water District; and

WHEREAS, the charges set forth herein are being adopted following a public hearing and notices provided in accordance with the requirements of Government Code, Section 66000, et seq.,

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Yucaipa Valley Water District, as follows:

1. Purpose and Implementation. The charges set forth herein are for the purpose of implementing the San Gorgonio Pass Water Agency Resolution No. 2015-05 provided as Exhibit A and as supported by the Pass Water Agency's Study.

2. Implementation of the San Gorgonio Pass Water Agency Resolution No. 2015-05. The Board of Directors of the Yucaipa Valley Water District hereby directs the General Manager to include language in development agreements within the boundary of the San Gorgonio Pass Water Agency, subject to further review and approval by the Board of Directors, adequate to ensure permanent water resources are secured for all new development within the San Gorgonio Pass Water Agency boundary:

- A. All new development shall be required to be dual-plumbed with recycled water to meet the irrigation demands; and drinking water to meet drinking water and fire flow demands.
- B. A Domestic Use Factor (DUF) shall be based on an equivalent volume of drinking water used to meet domestic water demands for a typical equivalent single-family residential dwelling unit (EDU). The District staff is directed to provide information to evaluate the conversion factor for the DUF based on data acquired in the future. For purposes of this resolution, one DUF is equal to 10 kgal per monthly billing period.
- C. Drinking water demand shall be determined for each parcel in units of gallons per day per Equivalent Dwelling Unit (gpd/EDU) and expressed as a Domestic Use Factor (DUF) to 1/10<sup>th</sup>. The DUF will be used to calculate the Supplemental Water Facility Capacity Charge for each parcel within the Pass Water Agency service area.

Typical components used to calculate the Supplemental Water Facility Capacity Charge for the purchase of permanent water supplies shall include: (i) the DUF for each parcel; (ii) the lesser of either 0% or the actual interest charge incurred by the District necessary to finance the construction of facilities or purchase of supplemental water rights; (iii) the rolling average of ten prior years of State Water Project reliability as determined by the California Department of Water Resources in effect on September 30<sup>th</sup> of each calendar year; and (iv) the estimated or actual cost of securing permanent supplemental water supplies by the San Gorgonio Pass Water Agency.

An example of the calculation methodology is provided in Exhibit B.



- D. Property owners and/or developers that provide sufficient permanent secured water rights and/or water resources shall receive a credit for the Supplemental Water Facility Capacity Charge required by this resolution if the secured water resources are permanently dedicated to the Yucaipa Valley Water District prior to executing a development agreement for the subject project, development or planning area.
- E. Based on the example calculation methodology illustrated in Exhibit B, the Supplemental Water Facility Capacity Charge shall be adjusted as needed based on (i) changes by the San Gorgonio Pass Water Agency as provided in Resolution No. 2015-05 and subsequent versions; and (ii) based on the State Water Project reliability determination by the California Department of Water Resources.

3. Monthly Water Demands in Excess of Paid Supplemental Water Facility Capacity Charge. The Board of Directors of the Yucaipa Valley Water District hereby directs the implementation of a surcharge for drinking water demands by customers that exceed the quantity of Supplemental Water Facility Capacity Charge as determined and assessed to each parcel for the use of supplemental water rights on an as needed basis.

- A. The Domestic Use Factor (DUF) used to calculate the Supplemental Water Facility Capacity Charge shall be evaluated each billing period to determine if the quantity of drinking water delivered exceeded the DUF purchased for the property.
- B. If the quantity of drinking water delivered is equal to or less than the DUF used to calculate the Supplemental Water Facility Capacity Charge, then no surcharge shall be applied.
- C. If the quantity of drinking water delivered is greater than the DUF used to calculate the Supplemental Water Facility Capacity Charge, then the surcharge shall be applied as provided in subsequent resolutions adopted by the Yucaipa Valley Water District following public hearing and noticing requirements.

4. Equivalent Alternatives to Secured Supplemental Water Sources. The Board of Directors of the Yucaipa Valley Water District hereby directs the District staff to pursue the planning and implementation of direct potable reuse of recycled water as a feasible alternative to securing supplemental imported water from areas outside of the Yucaipa Valley Water District. Funds collected pursuant to this Resolution may be substituted for constructing and implementing a direct potable reuse project at the Wochholz Regional Water Recycling Facility and the Yucaipa Valley Regional Water Filtration Facility. Furthermore, the District staff is directed to pursue Federal and State funding to bridge the anticipated shortfall in funds if this equivalent source of supply becomes a reliable alternative to imported water.

5. Effective Date. The effective date of this **Resolution No. 2017-xx** shall be July 1, 2018.

[Insert signature lines]



**Exhibit A****RESOLUTION NO. 2015-05****RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
SAN GORGONIO PASS WATER AGENCY  
TO ADOPT FACILITY CAPACITY FEES FOR  
FACILITIES AND WATER**

WHEREAS, the San Gorgonio Pass Water Agency (SGPWA) is a public agency formed and existing pursuant to Article 101 of the California Water Code Appendix (SGPWA Act) in 1961; and

WHEREAS, SGPWA entered into a contract with the California Department of Water Resources (DWR) in 1962 for a Table A amount of water capacity in the California State Water Project (SWP) which is currently 17,300 acre feet per year (AFY) to bring supplemental water to the SGPWA service area; and

WHEREAS, there is a need to meet future increasing demands for SGPWA supplemental water to the SGPWA service area which will require additional water facilities to be constructed to distribute water and to acquire additional water rights to meet future increasing demands; and

WHEREAS, the Board of Directors finds and determines that the present existing water importation, production, transportation, delivery facilities and water supplies are inadequate to meet anticipated demand; and

WHEREAS, Section 101 – 27.1(a) of the SGPWA Act authorizes SGPWA to impose a facility capacity fee, which is in the nature of a connection fee, for the right to make a new retail connection to the water distribution system of any retail water distributor that is located within the boundaries of the SGPWA and that obtains all or any portion of its water supplies from SGPWA; and

WHEREAS, Section 101- 27.1(c) also provides the facility capacity fee referred to in subdivision (a) shall be adopted, established, and imposed only following a public hearing and in accordance with the requirements set forth in Chapter 5 (commencing with Section 66000 of Division 1 of Title 7 of the Government Code as it now exists or may hereafter be amended; and

WHEREAS, the Facility Capacity Fee as set forth in the SGPWA Act, Sections 101 – 27.1 (a) through (i) will assist SGPWA to fund (1) the purchase of capacity in existing pipeline systems owned by other public agencies; (2) and additional basin recharge project for underground water storage in the Beaumont groundwater basin, including land purchases associated with such basin activity; and (3) the purchase of new water and/or water rights and entitlements to meet future water demand; and

WHEREAS, pursuant to Section 101 – 27.1 of the SGPWA Act, SGPWA has prepared a Capacity Fee Study (Study) to support the need for additional water facilities and new water and/or water rights in that the existing facilities are not adequate to meet the future increasing water needs in the SGPWA service area; and

**WHEREAS, the Study meets the requirements of Section 101 – 27.1 and Government Code Section 66013 to ensure that the Facility Capacity Fee does not exceed the estimated reasonable cost of providing the service for which the fee is imposed and provides a clear and concise document that will serve as the basis for the proposed fee levels; and**

**WHEREAS, SGPWA has provided all of the notices prior to and conducted a public hearing on July 27, 2015 required by Section 101 – 27.1 (c) of the Agency Act; and**

**WHEREAS, SGPWA after close of the hearing considered the Study, and proposed Findings.**

**NOW THEREFORE BE IT HEREBY RESOLVED**

- 1. The matters set forth in the recitals to this Resolution are true and correct statements and are made findings and determinations of the Board of Directors.**
- 2. That the Findings as set forth on Attachment 1 concerning the Study are hereby adopted.**
- 3. The Board of Directors finds that the Facility Capacity Fees as defined in the Study and the Findings are for the purpose of obtaining funds for capital projects necessary to maintain service within SGPWA as set forth in this Resolution and, therefore, the establishment of such fees is not subject to the California Environmental Quality Act.**
- 4. That the Study is hereby approved.**
- 5. That the Facility Capacity Fees as set forth in the Study and on Attachment 2 hereof are hereby adopted and shall take effect immediately.**
- 6. The General Manager is authorized to contract with the counties in which it is located and with the cities within the SGPWA for the collection of the Facility Capacity Fee along with building permit fees or other fees related to the improvement of property, or may contract for collection of the Facility Capacity Fees by the water retail distributors (SGPWA Act 101 – 27.1 (f)).**
- 7. The Facility Capacity Fee component shall be automatically adjusted without further action of the Board effective on July 1st of each year, beginning July 1, 2016, by a percentage equal to the change in Construction Cost Index for Los Angeles as published by Engineering New Record for the preceding twelve months as set forth in the Study.**
- 8. The Facility Fee component of the facility capacity fee shall be reviewed periodically as determined by the General Manager to determine if changes are needed and reasonable in unit prices, facility requirements, and water demands and demographics in order to ensure that Facility Fee cost allocations are reasonable and that collections over time will fund the required facilities.**
- 9. The Water Capacity Fee component shall be reviewed annually in the month of July, commencing July 1, 2016 to adjust the Water Capacity Fee by a reasonable percentage based on the cost of actual water purchases, an updated water rights appraisal or comparisons of recent**

purchases of additional water rights by statewide municipalities and special districts over the preceding twelve months.

10. The General Manager is further authorized to take any and all other actions to implement and carry out this resolution.

11. All resolutions or administrative actions by the Board of Directors, or parts thereof that are inconsistent with any provision of this Resolution are hereby superseded only by this Resolution to the extent of such inconsistency.

12. If any section, subsection, clause, sentence, or phrase in this Resolution is for any reason held invalid, the validity of the remainder of this Resolution shall not be affected thereby. The Board hereby declares it would have passed this Resolution and each section, sentence, clause or phrase thereof, irrespective of the fact that all or more sections, subsections, clauses, sentences, or phrase are held invalid.

13. The Resolution shall take effect immediately.

AYES:

NOES:

DATE: July 27, 2015

SAN GORGONIO PASS WATER AGENCY

By \_\_\_\_\_  
Secretary of the Board of Directors

**Exhibit B**

**Sample Methodology to Calculate the Supplemental Water Facility Capacity Charge**

Assumptions:

- One Domestic Use Factor (1.0 DUF) = 10 kgal/monthly billing period
  - *Estimated Annual Drinking Water Demand = 120 kgal per year*
  - *Estimated Daily Drinking Water Demand of 330 gpd/EDU*
  
- 0% Interest
  
- 49.0% State Water Project Reliability Factor - Ten-Year Rolling Average
  - *2017 State Water Project Allocation on September 30 - 85% (DWR Notice 17-05)*
  - *2016 State Water Project Allocation on September 30 - 60% (DWR Notice 16-06)*
  - *2015 State Water Project Allocation on September 30 - 20% (DWR Notice 15-03)*
  - *2014 State Water Project Allocation on September 30 - 20% (DWR Notice 14-08)*
  - *2013 State Water Project Allocation on September 30 - 35% (DWR Notice 13-09)*
  - *2012 State Water Project Allocation on September 30 - 65% (DWR Notice 12-09)*
  - *2011 State Water Project Allocation on September 30 - 80% (DWR Notice 11-06)*
  - *2010 State Water Project Allocation on September 30 - 50% (DWR Notice 10-11)*
  - *2009 State Water Project Allocation on September 30 - 40% (DWR Notice 09-07)*
  - *2008 State Water Project Allocation on September 30 - 35% (DWR Notice 08-03)*
  
- \$6,231/Acre Foot Permanent Water Right Estimate
  - *Most Recent San Gorgonio Pass Permanent Water Right Purchase Estimate*

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Calculation:

$$120 \text{ kgal} \times \frac{1,000 \text{ gal}}{1 \text{ kgal}} \times \frac{0.000003069 \text{ AF}}{\text{gallon}} \times \frac{\$6,231}{\text{Acre Foot}} \times \frac{1}{0.490 \text{ Reliability}} = \underline{\underline{\$4,683/EDU}}$$

# Development Projects



Yucaipa Valley Water District





**Date:** August 8, 2017  
**From:** Joseph Zoba, General Manager  
**Subject:** Overview of the Proposed Summerwind Development, Calimesa

---

The District staff has been working together with representatives from Argent Management for the development of the Summerwind Project in Calimesa, California. Based on recent activity at the project site, the District staff requested a presentation about the development project for the benefit of the Board of Directors and members of the public.

Information about this project will be provided by representatives of Argent Management.

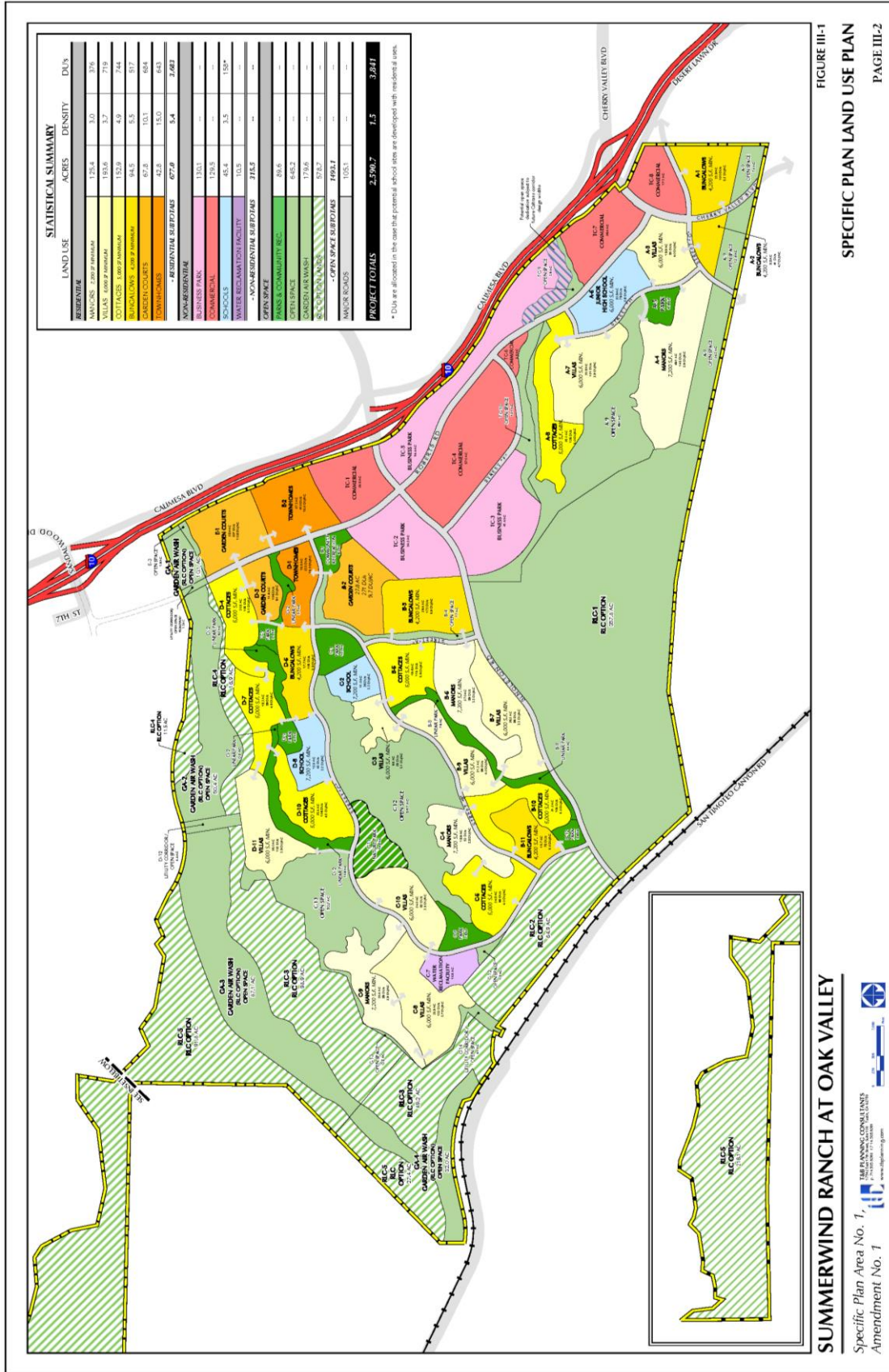


FIGURE III-1  
SPECIFIC PLAN LAND USE PLAN  
PAGE III-2

SUMMERWIND RANCH AT OAK VALLEY  
Specific Plan Area No. 1, 1st Planning Commission  
Amendment No. 1  
www.sdsparing.com



**Date:** August 8, 2017  
**From:** Joseph Zoba, General Manager  
**Subject:** Overview of the Proposed Water Supply Assessment for the Mesa Verde Development, Calimesa

---

The District staff has been working together with representatives from SK E&C Betek for the development of the Mesa Verde Project in Calimesa, California. For this project, the District staff has been preparing an updated Water Supply Assessment.

The purpose of this agenda item is to discuss the updated assessment for water availability.

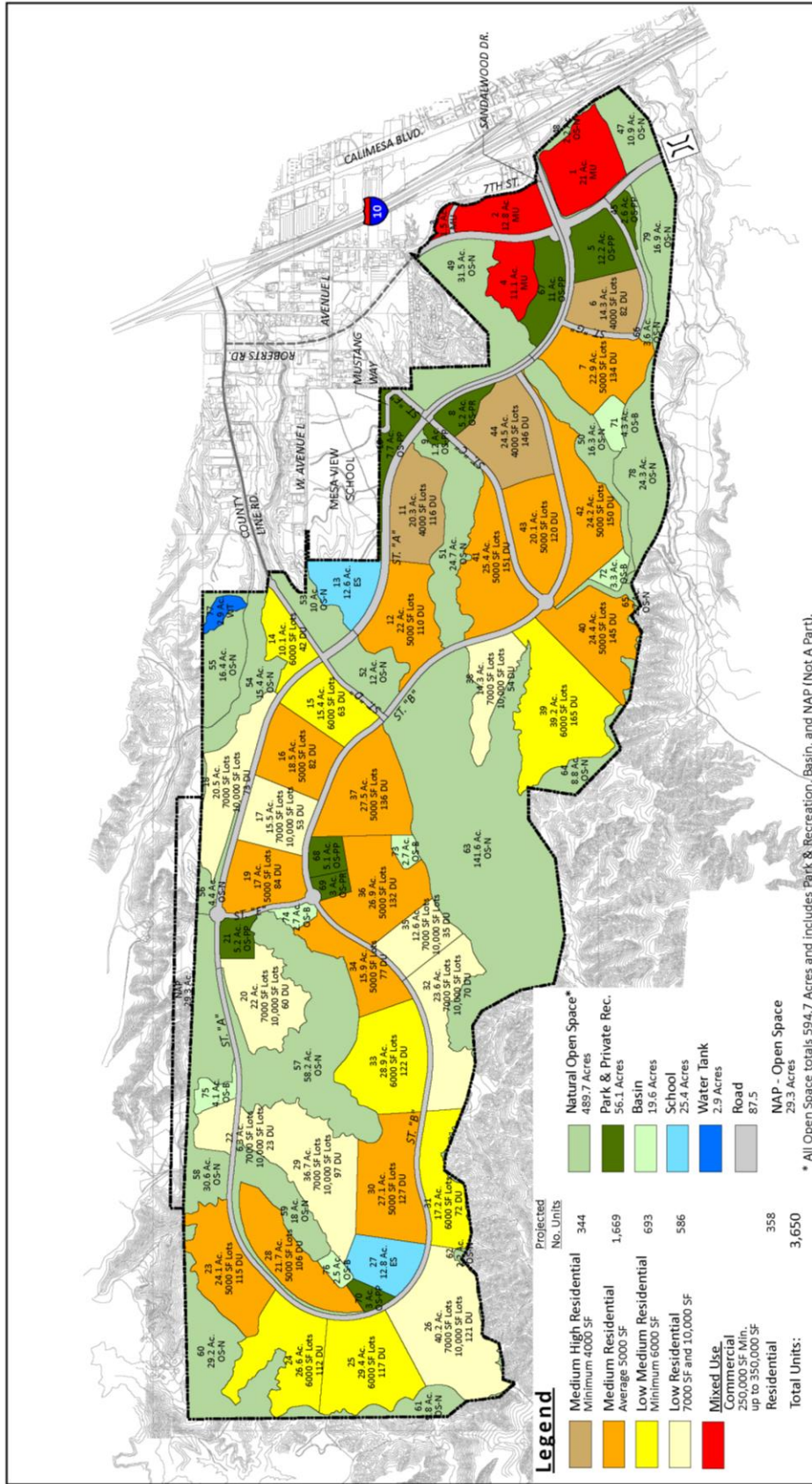


Figure I.1  
Land Use Plan



FORWM  
October 2016

# Administrative Issues



Yucaipa Valley Water District





**Date:** August 8, 2017

**From:** Allison M. Edmisten, Chief Financial Officer  
Peggy Little, Administrative Supervisor

**Subject:** Presentation of the Unaudited Financial Report for the Period Ending on July 31, 2017

The following unaudited financial report has been prepared by the Administrative Department for your review. The report has been divided into six sections to clearly disseminate information pertaining to the financial status of the District. Please remember that the following financial information has not been audited.

**Cash Fund Balance Report**

[Detailed information can be found on page 5 to 6 of 28]

The Cash Fund Balance Report provides a summary of how the total amount of funds maintained by financial institutions is distributed throughout the enterprise and non-enterprise funds of the District. A summary of the report is as follows:

<b>Fund Source</b>	<b>Operating Funds</b>	<b>Restricted Funds</b>	<b>Total Funds</b>
Water Division	\$6,812,330.04	\$477,628.66	\$7,289,958.70
Sewer Division	\$13,353,904.43	(\$6,664,774.61)	\$6,689,129.82
Recycled Water Division	<u>\$1,052,601.19</u>	<u>\$519,371.76</u>	<u>\$1,571,972.95</u>
<b>Total</b>	<b>\$21,218,835.66</b>	<b>(\$5,667,774.19)</b>	<b>\$15,551,061.47</b>

Most of the funds reflected in the Cash Fund Balance Report are designated for specific purposes and are therefore restricted, either by law or by District policy.

**Check Register**

[Detailed information can be found on pages 7 to 11 of 28]

The check register lists each check processed during the month of July 2017. The District processed 202 checks during the month of July for a total sum of \$2,090,766.92. All checks are reviewed by District staff for accuracy and completeness, and usually signed by the General Manager and one Director, but may be signed by two Directors.

The Chief Financial Officer will make any check, invoice or supporting documentation available for review to any board member upon request.

### **Financial Account Information**

[Detailed information can be found on pages 12 to 15 of 28]

The District currently deposits all revenue received into the Deposit Checking account. The General Checking account is used as a sole processing account for all District checks and electronic payroll. The Investment Checking account is used for the purchase and redemption of US treasury notes and bills and for the transfer of LAIF funds. The US treasury notes and bills are booked at cost.

The LAIF investment account is a pooled money account administered by the State of California. Additional information on the LAIF account is provided below in the investment summary report.

### **Investment Summary**

[Detailed information can be found on pages 16 to 17 of 28]

The investment summary report illustrates the District's investments in US treasury notes and bills in addition to the investments held by the Local Agency Investment Fund or LAIF. The yields for the treasury notes and bills are provided for each individual transaction. The historical annual yield for funds invested with LAIF is also provided.

Separate pooled money investment reports prepared by the State of California are maintained by the District and available for review.

### **Monthly Revenue Allocation**

[Detailed information can be found on pages 18 to 19 of 28]

During the month of July 2017, the District's deposit checking account received a sum total of \$2,058,505.09 in revenues from the following categories:

- A total of \$2,002,301.52 was received from 15,642 customers for utility bill payments. This is the total amount of utility bill payments received from water, sewer and recycled services.
- A total of \$784.00 was received for construction meter deposits, customer deposits and internet fee payments.
- A total of \$55,379.54 was received from miscellaneous water related activities (other than utility bill charges).
- A total of \$0 was received from miscellaneous sewer related activities (other than utility bill charges).
- A total of \$40.03 was received from miscellaneous recycled related activities (other than utility bill charges).
- The District's general checking account (pages 12-15 of 28) received two ACH deposits for San Bernardino Property Taxes in the total amount of \$71,508.74. The District has received \$71,508.74 (2%) of the budgeted \$3,048,000 in property taxes for both counties for FY 2018.

### **Fiscal Year 2018 Budget Status**

[Detailed information can be found on pages 20 to 28 of 28]

The revenue and expense budget status for the 2018 Fiscal Year is provided for your review.

**Summary of Revenue Budget  
As of July 31, 2017 (4% of Budget Cycle)**

<u>Division</u>	<u>Budget Amount</u>	<u>Current Month</u>	<u>Year-To-Date</u>	<u>Percentage</u>
Water	13,924,171	1,117,476	1,117,476	8.03%
Sewer	12,132,940	972,753	972,753	8.02%
Recycled Water	796,425	78,133	78,133	9.81%
<b>District Revenue</b>	<b><u>26,853,536</u></b>	<b><u>2,168,362</u></b>	<b><u>2,168,362</u></b>	<b><u>8.07%</u></b>

**Summary of Water Budget Expenses  
As of July 31, 2017 (4% of Budget Cycle)**

<u>Department</u>	<u>Budget Amount</u>	<u>Current Month</u>	<u>Year-To-Date</u>	<u>Percentage</u>
Water Resources	4,799,752	221,532	221,532	4.62%
Public works	3,142,636	168,522	168,522	5.36%
Administration	3,686,118	239,629	239,629	6.50%
Long Term Debt	2,295,665	0	0	0.00%
Asset Acquisition	0	0	0	0.00%
<b>TOTAL</b>	<b>13,924,171</b>	<b>629,683</b>	<b>629,683</b>	<b>4.52%</b>

**Summary of Sewer Budget Expenses  
As of July 31, 2017 (4% of Budget Cycle)**

<u>Department</u>	<u>Budget Amount</u>	<u>Current Month</u>	<u>Year-To-Date</u>	<u>Percentage</u>
Treatment	3,561,784	196,351	196,351	5.51%
Administration	3,376,153	224,392	224,392	6.65%
Environmental Control	1,297,722	66,241	66,241	5.10%
Long Term Debt	3,897,281	0	0	0.00%
Asset Acquisition	0	0	0	0.00%
<b>TOTAL</b>	<b>12,132,940</b>	<b>486,984</b>	<b>486,984</b>	<b>4.01%</b>

**Summary of Recycled Water Budget Expenses  
As of July 31, 2017 (4% of Budget Cycle)**

<u>Department</u>	<u>Budget Amount</u>	<u>Current Month</u>	<u>Year-To-Date</u>	<u>Percentage</u>
Administration	796,425	38,953	38,953	4.89%
<b>TOTAL</b>	<b>796,425</b>	<b>38,953</b>	<b>38,953</b>	<b>4.89%</b>
<b>District Expenses</b>	<b><u>26,853,536</u></b>	<b><u>1,155,620</u></b>	<b><u>1,155,620</u></b>	<b><u>4.30%</u></b>

### **Investment Policy Disclosure**

The District is currently compliant with the portfolio of its Investment Policy and State law.

The District is using Sandy Gage with Merrill Lynch Wealth Management (Bank of America Corporation) for Treasury investments. The District expects to meet its expenditure requirements for the next six months.

### **Questions or Comments**

If you have any questions about a particular budget account, please do not hesitate to contact the Chief Financial Officer directly. If you need additional information, the members of the Administrative Department would be happy to provide you with any detailed information you may desire.

## Cash Fund Balance Report - July 2017

Water Division	GL#	Balance
*ID 1 Construction Funds	02-10216	\$ 293,145.85
*ID 2 Construction Funds	02-10217	\$ 80,409.31
*FCC - Debt Service YVRWFF Phase I	02-10401	\$ (2,530,335.34)
*FCC - Future YVRWFF Phase II & III	02-10403	\$ 411,173.52
*FCC - Recycled System	02-10410	\$ (877,878.61)
*FCC - Booster Pumping Plants	02-10411	\$ 675,079.09
*FCC - Pipeline Facilities	02-10412	\$ 128,179.16
*FCC - Water Storage Reservoirs	02-10413	\$ 2,297,855.68
Depreciation Reserves	02-10310	\$ 574,108.47
Infrastructure Reserves	02-10311	\$ 3,006,083.00
Sustainability Fund	02-10313	\$ 47,647.56
Rate Stabilization Fund	02-10314	\$ 500,209.14
Imported Water Fund - MUNI	02-10315	\$ (195,574.74)
Imported Water Fund - SGPWA	02-10316	\$ 865,250.44
Operating Funds:		\$ 2,014,606.17
<b>Total Water Division</b>		<b>\$ 7,289,958.70</b>

Sewer Division	GL#	Balance
*SRF Reserve Fund - Brineline	03-10218	\$ 637,449.00
*SRF Reserve Fund - WISE	03-10219	\$ 184,928.00
*SRF Reserve Fund - R 10.3	03-10220	\$ 51,531.00
*SRF Reserve Fund - Crow St	03-10221	\$ 19,255.00
*FCC - Debt Service WWTP Expansion & Upgrade	03-10405	\$ 1,700,901.65
*FCC - Future WWTP Expansion	03-10407	\$ 1,343,228.40
*FCC - Sewer Interceptors	03-10415	\$ (834,232.84)
*FCC - Lift Stations	03-10416	\$ 331,216.66
*FCC - Effluent Disposal Facilities	03-10417	\$ (1,628,438.94)
*FCC - Salt Mitigation Facilities	03-10418	\$ (8,470,612.54)
Project Fund - Encumbered	03-10215	\$ 276,000.00
Depreciation Reserves	03-10310	\$ 3,486,380.20
Infrastructure Reserves	03-10311	\$ 4,744,670.00
Rate Stabilization Fund	03-10314	\$ 1,464,394.90
Operating Funds:		\$ 3,382,459.33
<b>Total Wastewater Division</b>		<b>\$ 6,689,129.82</b>

Recycled Water Division	GL#	Balance
*FCC - Recycled System	04-10410	\$ 64,882.79
*FCC - Booster Pumping Plants	04-10411	\$ 1,532.04
*FCC - Pipeline Facilities	04-10412	\$ 222,369.18
*FCC - Water Storage Reservoirs	04-10413	\$ 230,587.75
Project Fund - Encumbered	04-10215	\$ -
Depreciation Reserves	04-10310	\$ 61,759.84
Infrastructure Reserves	04-10311	\$ 254,612.31
Operating Funds:		\$ 736,229.04
<b>Total Recycled Water Division</b>		<b>\$ 1,571,972.95</b>

**DISTRICT TOTAL \$ 15,551,061.47**

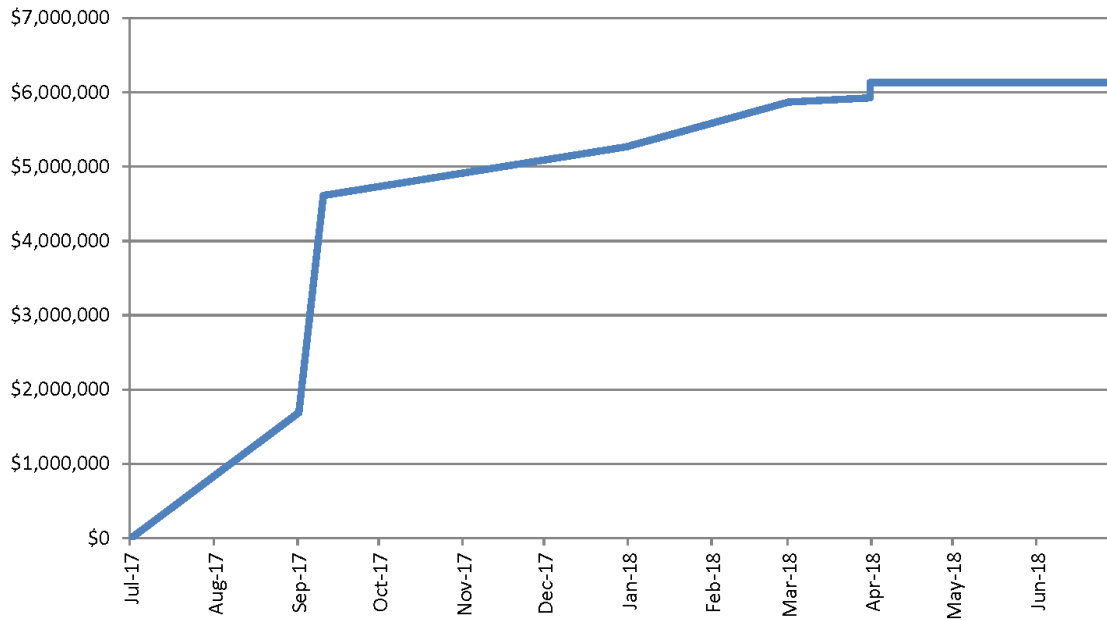
\*=Restricted Funds



### Cash Flow Report for Fiscal Year 2017-18

Financial Obligations for Fiscal Year 2017-18				
Due Date	Fund	Description	Term of Obligation	Amount
9/1/2017	Water	2015A Bond Payment - YVRWFF	2015-2034	\$ 1,690,106.25
9/10/2017	Sewer	SRF Payment - WRWRF	2009-2028	\$ 2,923,668.75
12/31/2017	Sewer	SRF Payment - Yucaipa Regional Brineline	2013-2032	\$ 652,249.39
3/1/2018	Water	2015A Bond Payment - YVRWFF	2015-2034	\$ 603,806.25
3/31/2018	Sewer	SRF Payment - Recycled Reservoir R-10.3	2014-2033	\$ 54,243.03
3/31/2018	Sewer	SRF Payment - Desalinization at WRWRF	2014-2033	\$ 186,470.11
3/31/2018	Sewer	SRF Payment - Crow Street/Recycled Booster B-12.1	2016-2035	\$ 21,247.48
<b>Total</b>				<b>\$ 6,131,791.26</b>

**Payment Schedule and Cash Flow Requirements for Fiscal Year 2017-18**



## Check Register - July 2017

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/7/2017	29309	VOID CHECK	\$ -
7/7/2017	29310	VOID CHECK	\$ -
7/7/2017	29311	PAYROLL CHECK	\$ 2,207.18
7/7/2017	29312	PAYROLL CHECK	\$ 165.29
7/7/2017	29313	ADS, LLC	\$ 4,275.00
7/7/2017	29314	Ameripride Uniform Services	\$ 586.96
7/7/2017	29315	Balco Holdings Inc.	\$ 4,782.78
7/7/2017	29316	Coverall North America, Inc.	\$ 1,021.00
7/7/2017	29317	First American Data Tree, LLC	\$ 50.00
7/7/2017	29318	DC Frost Associates, Inc.	\$ 13,800.00
7/7/2017	29319	Fedex	\$ 33.30
7/7/2017	29320	Incode Division-Tyler Technolo	\$ 1,003.86
7/7/2017	29321	InfoSend, Inc.	\$ 3,397.62
7/7/2017	29322	Inland Counties Insurance Serv	\$ 209,912.64
7/7/2017	29323	Raiset R. Santana and Adriana	\$ 56.75
7/7/2017	29324	Linko Technology Inc.	\$ 4,700.00
7/7/2017	29325	Neopost USA Inc.	\$ 198.26
7/7/2017	29326	NetComp Technologies, Inc.	\$ 4,861.54
7/7/2017	29327	Q Versa, LLC	\$ 7,449.33
7/7/2017	29328	SB CNTY-Auditor/Controller	\$ 20,000.00
7/7/2017	29329	Here's Your Sign Inc	\$ 3,471.06
7/7/2017	29330	Southern CA Emergency Medicine	\$ 75.00
7/7/2017	29331	South Coast A.Q.M.D.	\$ 617.57
7/7/2017	29332	Spectrum Business	\$ 3,668.00
7/7/2017	29333	Tattletale Portable AlarVOIDED	\$ 3,105.00
7/7/2017	29334	The Counseling Team Internatio	\$ 360.00
7/7/2017	29335	The Gas Company	\$ 22.04
7/7/2017	29336	Underground Service Alert Of S	\$ 232.50
7/7/2017	29337	Yucaipa Disposal, Inc.	\$ 1,476.42
7/7/2017	29338	Yucaipa Valley Water District	\$ 9,723.72
7/7/2017	29339	Agriserve Pest Control	\$ 125.00
7/7/2017	29340	Brenntag Pacific, Inc	\$ 21,310.04
7/7/2017	29341	Cemex Inc. USA	\$ 546.62
7/7/2017	29342	Hasa, Inc.	\$ 3,609.58
7/7/2017	29343	Industrial Safety Supply Corp	\$ 694.07
7/7/2017	29344	Innerline Engineering	\$ 1,750.00
7/7/2017	29345	Harold J. Cossette	\$ 12,460.21
7/7/2017	29346	McCall's Meter Sales & Service	\$ 523.86
7/7/2017	29347	Nuckles Oil Company, Inc.	\$ 2,299.40
7/7/2017	29348	Nalco Company	\$ 7,746.75
7/7/2017	29349	BlueTarp Financial, Inc.	\$ 149.80
7/7/2017	29350	Office Solutions Business Prod	\$ 685.27
7/7/2017	29351	Paxxo, Inc.	\$ 75.00
7/7/2017	29352	Pro-Pipe & Supply, Inc.	\$ 212.39
7/7/2017	29353	Sunstate Equipment Co., LLC	\$ 130.38
7/7/2017	29354	HD Supply Facilities Maintenanc	\$ 1,357.49
7/7/2017	29355	WageWorks, Inc.	\$ 1,324.74
7/7/2017	29356	IBEW Local 1436	\$ 476.00
7/7/2017	29357	California State Disbursement	\$ 115.38

## Check Register - July 2017

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/7/2017	29358	California State Disbursement	\$ 397.38
7/7/2017	29359	Department of the Treasury - I	\$ 125.00
7/7/2017	29360	Rodd Greene	\$ 669.21
7/7/2017	29361	Linda Kilday	\$ 586.38
7/7/2017	29362	Dennis Neff	\$ 669.58
7/7/2017	29363	Robert Wall	\$ 669.58
7/7/2017	29364	Charlie Bailey	\$ 567.49
7/7/2017	29365	Vicky Elisalda	\$ 543.36
7/7/2017	29366	Marriott Marquis SD Marina	\$ 3,006.12
7/7/2017	29367	CalPERS - HEALTH	\$ 71,797.40
7/7/2017	29368	Pacific West Underground, Inc.	\$ 122,422.00
7/7/2017	29369	Tattletale Portable Alarm Syst	\$ 3,105.00
7/10/2017	29370	Addiction Medicine Consultants	\$ 99.00
7/10/2017	29371	State Water Resources Control	\$ 565.00
7/10/2017	29372	California Municipal Treasurer	\$ 155.00
7/10/2017	29373	Michael J. O'Day	\$ 550.00
7/10/2017	29374	Water Environment Federation	\$ 247.00
7/10/2017	29375	CRESTWOOD ENTERPRISE	\$ 127.88
7/10/2017	29376	BALTZER, THOMAS	\$ 73.25
7/10/2017	29377	Crown Ace Hardware - Yucaipa	\$ 1,378.85
7/10/2017	29378	VOID CHECK	\$ -
7/10/2017	29379	Yucaipa Disposal, Inc.	\$ 1,413.00
7/10/2017	29380	Ameripride Uniform Services	\$ 610.32
7/10/2017	29381	Frontier Communications	\$ 146.96
7/10/2017	29382	InfoSend, Inc.	\$ 5,180.43
7/10/2017	29383	Raiset R. Santana and Adriana	\$ 124.00
7/10/2017	29384	SCCI, Inc.	\$ 350.00
7/10/2017	29385	Separation Processes, Inc.	\$ 1,185.00
7/10/2017	29386	Association of San Bernardino	\$ 112.00
7/10/2017	29387	All American Sewer Tools	\$ 3,332.51
7/10/2017	29388	Grainger	\$ 1,376.31
7/10/2017	29389	Haaker Equipment Company	\$ 3,053.26
7/10/2017	29390	Hasa, Inc.	\$ 3,910.46
7/10/2017	29391	Industrial Scientific Corporat	\$ 1,505.05
7/10/2017	29392	Inland Water Works Supply Co.	\$ 3,754.01
7/10/2017	29393	Knorr Systems, Inc.	\$ 2,585.07
7/10/2017	29394	McCall's Meter Sales & Service	\$ 1,870.33
7/10/2017	29395	Microflex Corp #774353	\$ 997.88
7/10/2017	29396	Polydyne Inc.	\$ 2,849.99
7/10/2017	29397	Tri County Pump Company	\$ 13,763.74
7/10/2017	29398	Standard Insurance Company	\$ 1,483.84
7/10/2017	29399	Standard Insurance Vision Plan	\$ 725.60
7/10/2017	29400	Sara Onate	\$ 1,469.73
7/10/2017	29401	Ashley Gibson	\$ 42.80
7/10/2017	29402	Boot Barn Inc.	\$ 200.00
7/10/2017	29403	Blue Shield of California	\$ 1,779.90
7/10/2017	29404	Nippon Life Insurance Co. of A	\$ 2,660.53
7/17/2017	29405	Borden Excavating, Inc.	\$ 850,592.00
7/17/2017	29406	Delta Partners, LLC	\$ 7,500.00

## Check Register - July 2017

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/17/2017	29407	Dudek & Associates, Inc	\$ 9,793.50
7/17/2017	29408	Geoscience Support Services, I	\$ 8,019.00
7/17/2017	29409	Krieger & Stewart	\$ 599.40
7/17/2017	29410	One Stop Landscape Supply Inc	\$ 23,555.00
7/17/2017	29411	Platinum Advisors, LLC	\$ 5,000.00
7/17/2017	29412	Separation Processes, Inc.	\$ 61,498.59
7/17/2017	29413	TSR Construction and Inspectio	\$ 75,363.50
7/17/2017	29414	David L. Wysocki	\$ 4,237.50
7/17/2017	29415	CWEA-TCP (OAKPORT ST.)	\$ 270.00
7/17/2017	29416	CWEA-TCP (OAKPORT ST.)	\$ 90.00
7/17/2017	29417	Ralph C. Casas	\$ 77.45
7/17/2017	29418	Ameripride Uniform Services	\$ 589.94
7/17/2017	29419	AT&T Mobility	\$ 1,502.39
7/17/2017	29420	Central Communications	\$ 291.58
7/17/2017	29421	CHJ Consultants	\$ 6,293.25
7/17/2017	29422	Victor James Valenti	\$ 3,226.26
7/17/2017	29423	Corelogic, Inc.	\$ 330.00
7/17/2017	29424	Incode Division-Tyler Technolo	\$ 150.50
7/17/2017	29425	Konica Minolta Business Soluti	\$ 770.78
7/17/2017	29426	Krieger & Stewart	\$ 67,321.23
7/17/2017	29427	Leroy's Landscape Services	\$ 6,631.25
7/17/2017	29428	San Gorgonio Pass Water Agency	\$ 35,343.42
7/17/2017	29429	Santa Ana Watershed Project Au	\$ 3,077.00
7/17/2017	29430	Association of San Bernardino	\$ 22.00
7/17/2017	29431	Spectrum Business	\$ 2,654.00
7/17/2017	29432	Thomson West	\$ 72.20
7/17/2017	29433	Brenntag Pacific, Inc	\$ 17,057.53
7/17/2017	29434	Burgeson's Heating & Air Cond.	\$ 495.00
7/17/2017	29435	C & B Crushing, Inc.	\$ 180.00
7/17/2017	29436	Cemex Inc. USA	\$ 1,532.37
7/17/2017	29437	Evoqua Water Technologies LLC	\$ 1,067.70
7/17/2017	29438	Eric Ewalt	\$ 1,385.00
7/17/2017	29439	Grainger	\$ 483.47
7/17/2017	29440	Hemet Valley Tool Inc.	\$ 57.93
7/17/2017	29441	Inland Water Works Supply Co.	\$ 537.03
7/17/2017	29442	Johnson Machinery Co.	\$ 427.00
7/17/2017	29443	MBC Applied Environmental Scie	\$ 1,300.00
7/17/2017	29444	Nuckles Oil Company, Inc.	\$ 2,602.40
7/17/2017	29445	Nagem, Inc.	\$ 3,527.07
7/17/2017	29446	Office Solutions Business Prod	\$ 386.82
7/17/2017	29447	Optics Planet, Inc.	\$ 172.72
7/17/2017	29448	Pro-Pipe & Supply, Inc.	\$ 41.48
7/17/2017	29449	R & R Anderson Trucking	\$ 1,647.83
7/17/2017	29450	Redlands Ford	\$ 567.93
7/17/2017	29451	Riverside Winnelson Company	\$ 192.14
7/17/2017	29452	Safety Kleen Systems, Inc.	\$ 159.40
7/17/2017	29453	Schaner's WasteWater Prod., In	\$ 1,261.85
7/17/2017	29454	Donald Kent Stone	\$ 500.00
7/17/2017	29455	Uline, Inc.	\$ 1,762.23

## Check Register - July 2017

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/17/2017	29456	UPS Store#1504/ Mail Boxes Etc	\$ 128.66
7/21/2017	29457	PAYROLL CHECK	\$ 2,130.06
7/21/2017	29458	WageWorks, Inc.	\$ 1,324.74
7/21/2017	29459	California State Disbursement	\$ 115.38
7/21/2017	29460	California State Disbursement	\$ 397.38
7/21/2017	29461	Department of the Treasury - I	\$ 125.00
7/21/2017	29462	Chelsie Fogus	\$ 151.34
7/21/2017	29463	American Family Life Assurance	\$ 3,827.45
7/21/2017	29464	AWWA CA-NV (Rancho Cucamonga)	\$ 135.00
7/21/2017	29465	Maintenance Connection Inc	\$ 1,119.95
7/21/2017	29466	Western Dental Services, Inc.	\$ 255.20
7/21/2017	29467	Berkshire Hathaway Homestate C	\$ 14,010.27
7/21/2017	29468	WageWorks, Inc.	\$ 202.25
7/21/2017	29469	Matthew Porras	\$ 335.30
7/21/2017	29470	Kathryn Hallberg	\$ 230.74
7/24/2017	29471	Atkinson, Andelson, Loya, Ruud	\$ 6,380.65
7/24/2017	29472	State Water Resources Control	\$ 170.00
7/24/2017	29473	California Water Environment A	\$ 180.00
7/24/2017	29474	Ameripride Uniform Services	\$ 586.36
7/24/2017	29475	Balco Holdings Inc.	\$ 1,686.89
7/24/2017	29476	Clinical Laboratory of San Ber	\$ 7,116.50
7/24/2017	29477	Dudek & Associates, Inc	\$ 3,512.38
7/24/2017	29478	Frontier Communications	\$ 148.78
7/24/2017	29479	InfoSend, Inc.	\$ 3,451.03
7/24/2017	29480	NetComp Technologies, Inc.	\$ 2,100.00
7/24/2017	29481	Roquet Construction, Inc	\$ 61,762.35
7/24/2017	29482	South Coast A.Q.M.D.	\$ 505.74
7/24/2017	29483	Terminix Commercial	\$ 582.00
7/24/2017	29484	Zerion Software, Inc.	\$ 6,000.00
7/24/2017	29485	All American Sewer Tools	\$ 6,153.40
7/24/2017	29486	Aqua-Metric Sales Company	\$ 6,113.31
7/24/2017	29487	BofA Credit Card	\$ 1,404.95
7/24/2017	29488	Dinosaur Tire Inc.	\$ 2,764.03
7/24/2017	29489	Hach Company	\$ 2,643.74
7/24/2017	29490	Harrigan's Toilet Partitions,	\$ 3,260.00
7/24/2017	29491	Hasa, Inc.	\$ 3,878.55
7/24/2017	29492	Inland Water Works Supply Co.	\$ 110.16
7/24/2017	29493	Innerline Engineering	\$ 1,750.00
7/24/2017	29494	King Lee Chemical, Co.	\$ 25,174.71
7/24/2017	29495	Nagem, Inc.	\$ 1,625.65
7/24/2017	29496	Office Solutions Business Prod	\$ 35.22
7/24/2017	29497	Red Alert Special Couriers	\$ 344.26
7/24/2017	29498	Riverside Winnelson Company	\$ 87.28
7/24/2017	29499	Hadronex, Inc.	\$ 120.00
7/24/2017	29500	Calmat Company	\$ 1,947.02
7/24/2017	29501	Rodd Greene	\$ 669.21
7/24/2017	29502	Linda Kilday	\$ 586.38
7/24/2017	29503	Dennis Neff	\$ 669.58
7/24/2017	29504	Gregory N. Godwin	\$ 698.06

**Check Register - July 2017**

<b><u>Check Date</u></b>	<b><u>Check Number</u></b>	<b><u>Name</u></b>	<b><u>Check Amount</u></b>
7/24/2017	29505	Standard Insurance Company	\$ 1,934.80
7/24/2017	29506	Robert Wall	\$ 669.58
7/24/2017	29507	Charlie Bailey	\$ 567.49
7/24/2017	29508	Standard Insurance Vision Plan	\$ 696.20
7/24/2017	29509	CalPERS - HEALTH	\$ 73,113.40
7/24/2017	29510	Blue Shield of California	\$ 1,779.90
<b>July 2017 Check Register Total</b>			<b>\$ 2,090,766.92</b>



## Financial Account Information - July 2017

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
6/30/2017	bal forward	470,182.44	35,363.65	41,596.51	508,406.49	15,311,404.47	16,366,953.56
6/30	rev retained in MM				(8,611.54)		(8,611.54)
7/3/2017	Deposit	101,230.66					101,230.66
	Credit Card-6/30	1,661.82					1,661.82
	Credit Card-7/3	6,974.01					6,974.01
	Electronic	22,115.71					22,115.71
	Website-7/3	13,370.32					13,370.32
	Website-7/4	839.53					839.53
	Website-7/4	2,416.10					2,416.10
	Website-7/5	1,392.58					1,392.58
	Website-7/5	1,160.11					1,160.11
	ACH pmts	71,997.65					71,997.65
	ETS Fees	(2,000.06)					(2,000.06)
	ETS Fees	(1,465.60)					(1,465.60)
7/5/2017	Deposit	51,842.51					51,842.51
	ETS Annual Fee	(150.00)					(150.00)
	ETS Annual Fee	(150.00)					(150.00)
	Credit Card-7/3	1,713.17					1,713.17
	Credit Card-7/5	6,962.50					6,962.50
	Electronic-7/5	42,978.75					42,978.75
	Website-7/5	7,212.68					7,212.68
	Website-7/6	545.71					545.71
	Website-7/6	1,048.63					1,048.63
7/6/2017	Deposit	27,002.40					27,002.40
	Deposit - M/C	8,846.22					8,846.22
	Credit Card-7/5	2,163.84					2,163.84
	Credit Card-7/6	2,838.16					2,838.16
	Electronic	33,120.69					33,120.69
ok	Website-7/6	4,170.54					4,170.54
	Website-7/7	1,053.67					1,053.67
7/7/16-PR	Federal Taxes		(52,418.46)				(52,418.46)
7/7/16-PR	State Taxes		(8,381.84)				(8,381.84)
7/7/16-PR	PR Direct Deposit		(122,633.59)				(122,633.59)
7/7/16-PR	VOYA 457		(6,220.77)				(6,220.77)
7/7/16-PR	CalPERS Retirement		(23,156.72)				(23,156.72)
7/7/16-PR	CalPERS 457 & Loans		(20,489.88)				(20,489.88)
	Ck#29309-29369		(558,298.30)				(558,298.30)
	<b>TRF#1522- AP &amp; PR</b>	<b>(791,599.56)</b>	<b>791,599.56</b>				<b>0.00</b>
7/7/2017	Deposit	26,969.14					26,969.14
	Credit Card-7/6	545.28					545.28
	Credit Card-7/7	4,110.90					4,110.90
	Electronic	24,632.05					24,632.05
ok	Website-7/7	7,251.65					7,251.65
	Website-7/8	3,570.94					3,570.94
	Website-7/9	337.08					337.08
	Website-7/9	4,108.87					4,108.87
	Website-7/10	164.58					164.58
	Website-7/10	1,309.04					1,309.04
7/10/2017	Deposit	99,002.95					99,002.95
	Credit Card-7/7	1,169.80					1,169.80
	Credit Card-7/10	5,894.60					5,894.60
	Electronic	25,605.44					25,605.44
	Website-7/10	7,685.35					7,685.35
	Website-7/11	694.49					694.49
	Website-7/11	772.84					772.84
	ACH pmts	73,363.63					73,363.63
7/11/2017	Deposit	43,060.13					43,060.13
	Dep Corr	(100.40)					(100.40)
7/13	Dep Corr	100.40					100.40
	Credit Card-7/10	759.24					759.24
	Credit Card-7/11	3,617.02					3,617.02
	Electronic	34,938.09					34,938.09
	Website-7/11	5,156.69					5,156.69
	Website-7/12	672.27					672.27

### Financial Account Information - July 2017

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
6/30/2017	bal forward	470,182.44	35,363.65	41,596.51	508,406.49	15,311,404.47	16,366,953.56
	Website-7/12	465.72					465.72
7/12/2017	Deposit	64,400.56					64,400.56
	Credit Card-7/11	1,536.75					1,536.75
	Credit Card-7/12	5,593.81					5,593.81
	Electronic	21,355.94					21,355.94
	Website-7/12	3,467.48					3,467.48
	Website-7/13	237.68					237.68
	Website-7/13	807.87					807.87
	PR Dep Return 07/07/17		1,469.73				1,469.73
	Stop Pmt, Ck#29015, 5/30/17		1,413.00				1,413.00
	Stop Pmt, Ck#29057, 6/5/17		1,378.85				1,378.85
	Ck#29370-29404		(59,678.70)				(59,678.70)
	<b>TRF#1523 - AP</b>	<b>(55,417.12)</b>	<b>55,417.12</b>				<b>0.00</b>
7/13/2017	Deposit	47,707.79					47,707.79
	Credit Card-7/12	1,279.00					1,279.00
	Credit Card-7/13	3,099.47					3,099.47
	Electronic	11,475.35					11,475.35
	Website-7/13	4,290.03					4,290.03
	Website-7/14	66.88					66.88
	Website-7/14	1,413.07					1,413.07
	<b>TRF#1524 - LAIF to Inv Ck</b>			<b>1,600,000.00</b>		<b>(1,600,000.00)</b>	<b>0.00</b>
	<b>TRF#1525 - Inv Ck to Dep Ck</b>	<b>1,600,000.00</b>		<b>(1,600,000.00)</b>			<b>0.00</b>
7/14/2017	Deposit	26,109.78					26,109.78
7/13	Deposit - SBC Tax		26,308.06				26,308.06
	<b>TRF#1526 to Dep Ck</b>	26,308.06	(26,308.06)				<b>0.00</b>
	Credit Card-7/13	1,531.41					1,531.41
	Credit Card-7/14	3,094.46					3,094.46
	Electronic	22,079.84					22,079.84
	Website-7/14	4,751.91					4,751.91
	Website-7/15	134.95					134.95
	Website-7/15	3,095.32					3,095.32
	Website-7/16	169.11					169.11
	Website-7/16	2,726.51					2,726.51
	Website-7/17	150.00					150.00
	Website-7/17	1,108.76					1,108.76
	LAIF Quarterly interest					34,146.51	34,146.51
7/17/2017	Deposit	73,590.33					73,590.33
	extra deposit amt	400.00					400.00
	Credit Card-7/14	1,298.47					1,298.47
	Credit Card-7/17	4,359.22					4,359.22
	Electronic	21,385.94					21,385.94
	Website-7/17	4,062.38					4,062.38
	Website-7/18	177.75					177.75
	Website-7/18	440.27					440.27
	ACH pmts	89,105.77					89,105.77
	ACH pmts	90.67					90.67
	Qtrly Analysis Fee			(12,868.60)			(12,868.60)
7/18/2017	Deposit	29,358.63					29,358.63
	Credit Card-7/17	1,643.95					1,643.95
	Credit Card-7/18	3,969.98					3,969.98
	Electronic	26,931.71					26,931.71
	Website - 7/18	8,173.42					8,173.42
	Website - 7/19	392.55					392.55
	Website - 7/19	1,669.87					1,669.87
7/19/2017	Deposit	34,351.22					34,351.22
	Credit Card-7/18	1,599.45					1,599.45
	Credit Card-7/19	11,194.98					11,194.98
	Electronic	15,620.60					15,620.60
	Website-7/19	3,113.67					3,113.67
	Website-7/20	174.82					174.82
	Website-7/20	909.46					909.46

## Financial Account Information - July 2017

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
6/30/2017	bal forward	470,182.44	35,363.65	41,596.51	508,406.49	15,311,404.47	16,366,953.56
7/20/2017	Deposit	26,713.54					26,713.54
	Credit Card-7/19	909.52					909.52
	Credit Card-7/20	2,204.85					2,204.85
	Electronic	16,329.51					16,329.51
	Website-7/20	3,231.36					3,231.36
	Website-7/21	161.32					161.32
	Website-7/21	1,037.04					1,037.04
	ACH pmts	46,215.67					46,215.67
7/21/17-PR	Federal Taxes		(49,209.39)				(49,209.39)
7/21/17-PR	State Taxes		(7,983.63)				(7,983.63)
7/21/17-PR	PR Direct Deposit		(113,110.14)				(113,110.14)
7/21/17-PR	VOYA 457		(6,365.65)				(6,365.65)
7/21/17-PR	CalPERS Retirement		(23,086.72)				(23,086.72)
7/21/17-PR	CalPERS 457 & Loans		(18,074.90)				(18,074.90)
7/21/17-PR	CalPERS Annual Sum		(427,885.00)				(427,885.00)
	Ck#29309-29369		(1,236,705.36)				(1,236,705.36)
	<b>TRF#1527- AP &amp; PR</b>	<b>(1,882,420.79)</b>	<b>1,882,420.79</b>				<b>0.00</b>
7/21/2017	Deposit	45,726.34					45,726.34
	Credit Card-7/20	856.82					856.82
	Credit Card-7/21	2,645.82					2,645.82
	Electronic	21,818.27					21,818.27
	Website-7/21	3,696.34					3,696.34
	Website-7/22	101.62					101.62
ok	Website-7/22	3,320.17					3,320.17
	Website-7/23	2,581.23					2,581.23
	Website-7/24	353.24					353.24
	Website-7/24	384.12					384.12
Stmnt. 7/20	Deposit - SBC Tax		45,200.68				45,200.68
	<b>TRF#1528 to Dep Ck</b>	45,200.68	(45,200.68)				<b>0.00</b>
7/24/2017	Deposit	75,906.82					75,906.82
	Reverse extra dep amt 7/17	(400.00)					(400.00)
	Credit Card-7/21	776.00					776.00
	Credit Card-7/24	4,434.08					4,434.08
	Electronic	19,987.07					19,987.07
	Website-7/24	4,504.37					4,504.37
	Website-7/25	304.33					304.33
	Website-7/25	349.86					349.86
7/25/2017	Deposit	28,378.76					28,378.76
	Deposit - M/C	26,143.70					26,143.70
	Credit Card-7/24	1,238.29					1,238.29
	Credit Card-7/25	1,730.13					1,730.13
	Electronic	24,754.82					24,754.82
ok	Website-7/25	2,463.53					2,463.53
	Website-7/26	385.26					385.26
	ACH pmts	110,568.72					110,568.72
7/26/2017	Deposit	26,797.90					26,797.90
	Credit Card-7/25	439.73					439.73
	Credit Card-7/26	9,498.30					9,498.30
	Electronic	10,163.21					10,163.21
	Website-7/26	3,638.15					3,638.15
	Website-7/27	59.83					59.83
	Website-7/27	246.24					246.24
	Ck#29471-29510		(232,979.56)				(232,979.56)
	<b>TRF#1529- AP</b>	<b>(232,979.56)</b>	<b>232,979.56</b>				<b>0.00</b>
7/27/2017	Deposit	20,867.95					20,867.95
	Credit Card-7/26	1,346.50					1,346.50
	Credit Card-7/27	1,123.80					1,123.80
	Electronic	16,987.70					16,987.70
	Website-7/27	3,446.62					3,446.62
	Website-7/28	220.63					220.63
	Website-7/28	395.32					395.32

**Financial Account Information - July 2017**

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
6/30/2017	bal forward	470,182.44	35,363.65	41,596.51	508,406.49	15,311,404.47	16,366,953.56
7/28/2017	Deposit	21,791.66					21,791.66
	Deposit - M/C-Avenue B	3,200.00					3,200.00
	Credit Card- 7/27	508.95					508.95
	Credit Card- 7/28	1,428.32					1,428.32
	Electronic	7,206.77					7,206.77
	Website-7/28	2,380.85					2,380.85
	Website-7/29	32.80					32.80
	Website-7/29	2,266.35					2,266.35
	Website-7/30	3,090.09					3,090.09
	Website-7/31	227.43					227.43
	Website-7/31	694.23					694.23
7/31/2017	Deposit	46,443.99					46,443.99
	Deposit - M/C	17,229.65					17,229.65
	Credit Card-7/28	1,131.79					1,131.79
	Credit Card-7/31	2,488.61					2,488.61
	Electronic	10,747.36					10,747.36
	Website-7/31	4,165.24					4,165.24
	Website-8/1	3,077.60					3,077.60
	July 17 NSF's	(1,866.73)					(1,866.73)
7/31	retained in MM				8,611.54		8,611.54
							15,551,061.47
	<b>TOTALS</b>	<b>1,233,012.44</b>	<b>35,363.65</b>	<b>28,727.91</b>	<b>508,406.49</b>	<b>13,745,550.98</b>	<b>15,551,061.47</b>

## Investment Summary - July 2017

### U.S. TREASURIES

Quantity	Description	Cusip	Maturity Date	Yield	Cost of Purchase	Market Value
496,000	US Treasury Note	912828WP1	June 15, 2017	0.875%	499,794.95	496,024.80
<b>Total Values</b>					<b>499,794.95</b>	<b>496,024.80</b>

<b>Money Market Account Activity-Beginning Balance</b>	<b>6,440.19</b>
6/30/17 - Bond Interest	2,170.00
6/30/17 - Dividend/Interest	1.35
Annual Activity charge - GL#43010-W/S/R	0.00
<b>Income</b>	<b>2,171.35</b>
Intra-Bank Transfers to/from Investment Checking	0.00
<b>Fund Transfers</b>	<b>0.00</b>
Cusip Maturity	0.00
<b>Redemptions</b>	<b>0.00</b>
Cusip Purchase	0.00
<b>Purchases</b>	<b>0.00</b>
<b>Ending Balance - Money Market</b>	<b>8,611.54</b>
<b>US Treasury Securities Investment Principal</b>	<b>499,794.95</b>
<b>Total Assets</b>	<b>508,406.49</b>

*Note: As of 8/2/17, the updated treasury information for July has not been received. The information above is as of 6/30/17.*

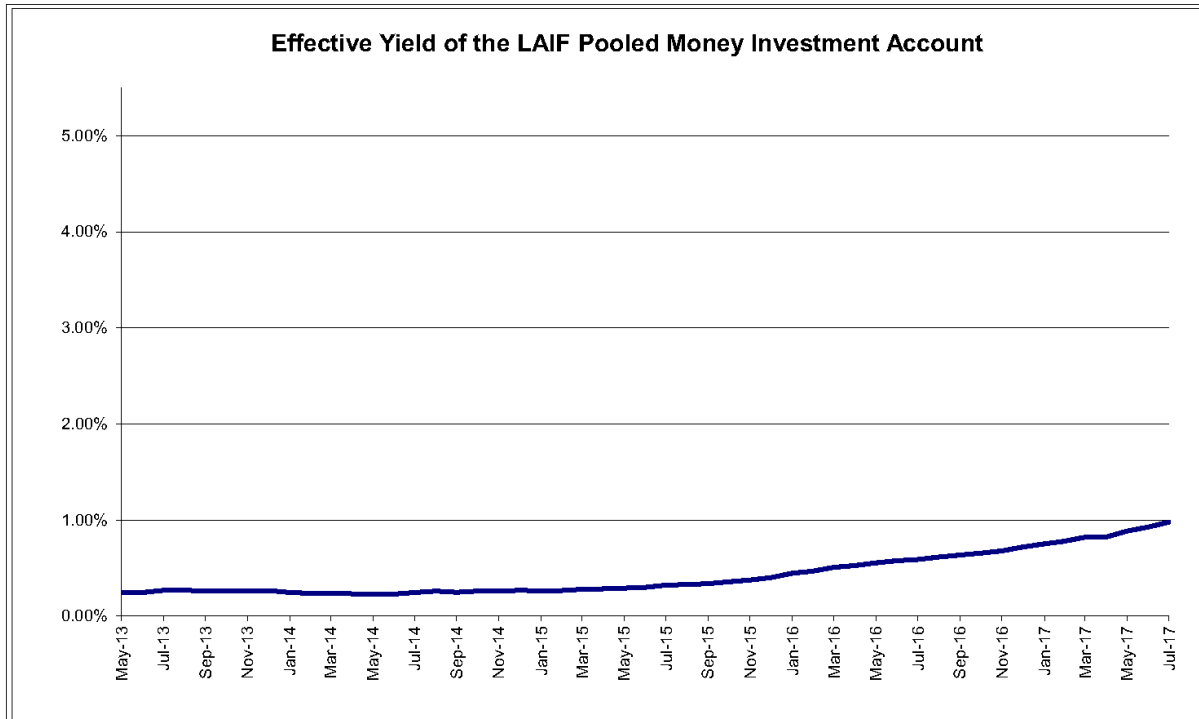
### Investment Summary - July 2017

#### LOCAL AGENCY INVESTMENT FUND

PERIOD	TOTAL WITHDRAWAL AMOUNT	TOTAL DEPOSIT AMOUNT	ACCRUED INTEREST (QUARTERLY)	ENDING BALANCE
July 31, 2017	(\$1,600,000.00)	\$0.00	\$34,146.51	\$13,745,550.98
August 31, 2017	\$0.00	\$0.00	\$0.00	\$13,745,550.98
September 30, 2017	\$0.00	\$0.00	\$0.00	\$13,745,550.98
October 31, 2017	\$0.00	\$0.00	\$0.00	\$13,745,550.98
November 30, 2017	\$0.00	\$0.00	\$0.00	\$13,745,550.98
December 31, 2017	\$0.00	\$0.00	\$0.00	\$13,745,550.98
January 31, 2018	\$0.00	\$0.00	\$0.00	\$13,745,550.98
February 28, 2018	\$0.00	\$0.00	\$0.00	\$13,745,550.98
March 31, 2018	\$0.00	\$0.00	\$0.00	\$13,745,550.98
April 30, 2018	\$0.00	\$0.00	\$0.00	\$13,745,550.98
May 31, 2018	\$0.00	\$0.00	\$0.00	\$13,745,550.98
June 30, 2018	\$0.00	\$0.00	\$0.00	\$13,745,550.98

**L.A.I.F. INCOME SUMMARY**

	<u>CURRENT QUARTER</u>	<u>FY YEAR-TO-DATE</u>
<u>INCOME RECEIVED</u>	\$34,146.51	\$34,146.51





Daily Deposit Allocation - July 2017

DATE	DESCRIPTION	QTY	DEPOSIT CHECKING DEPOSITS	AR Mail & Counter	AR Payment Centers	AR Credit Card	AR Electronic Rapid Pay	AR Web Site	AR ACH Auto Pay	AR TOTAL	AR Water Customer Deposits	Water Allocation	Sewer Allocation	Recycled Allocation	RECAP TOTAL
7/9/2017	Mail & Counter	718	101,230.66	101,230.66						101,230.66					101,230.66
	Credit Cards	85	8,635.83			8,635.83				8,635.83					8,635.83
	Electronic	215	22,115.71			22,115.71				22,115.71					22,115.71
	Website - 108 fees	111	19,178.64					18,989.64		18,989.64	189.00				19,178.64
	ACH - payment	548	71,997.65						71,997.65	71,997.65					71,997.65
7/5/2017	Mail & Counter	394	51,842.51	51,842.51						51,842.51					51,842.51
	Credit Cards	75	8,675.67			8,675.67				8,675.67					8,675.67
	Electronic	379	42,978.75			42,978.75				42,978.75					42,978.75
	Website - 54 fees	61	8,807.02					8,712.52		8,712.52	94.50				8,807.02
7/6/2017	Mail & Counter	266	27,002.40	27,002.40						27,002.40		8,846.22			27,002.40
	Deposit - M/C														
	Credit Cards	39	5,002.00			5,002.00				5,002.00					5,002.00
	Electronic	338	33,120.69			33,120.69				33,120.69					33,120.69
	Website	48	5,224.21					5,140.21		5,140.21	84.00				5,224.21
7/7/2017	Mail & Counter	267	26,969.14	26,969.14						26,969.14					26,969.14
	Credit Cards	25	4,656.18			4,656.18				4,656.18					4,656.18
	Electronic	251	24,632.05			24,632.05				24,632.05					24,632.05
	Website - 159 fees	160	16,742.16					16,463.91		16,463.91	278.25				16,742.16
7/10/2017	Mail & Counter	720	99,002.95	99,002.95						99,002.95					99,002.95
	Credit Cards	59	7,064.40			7,064.40				7,064.40					7,064.40
	Electronic	216	25,605.44			25,605.44				25,605.44					25,605.44
	Website - 98 fees	60	9,152.68					9,051.18		9,051.18	101.50				9,152.68
7/11/2017	ACH - payment	607	73,363.63						73,363.63	73,363.63					73,363.63
	Mail & Counter	296	43,060.13	43,060.13						43,060.13					43,060.13
	Credit Cards	43	4,376.26			4,376.26				4,376.26					4,376.26
	Electronic	345	34,938.09			34,938.09				34,938.09					34,938.09
	Website - 21 fees	53	6,294.68					6,257.93		6,257.93	36.75				6,294.68
7/12/2017	Mail & Counter	350	64,400.56	64,400.56						64,400.56					64,400.56
	Credit Cards	98	7,130.56			7,130.56				7,130.56					7,130.56
	Electronic	197	21,355.94			21,355.94				21,355.94					21,355.94
	Website	35	4,513.03					4,513.03		4,513.03					4,513.03
7/13/2017	Mail & Counter	281	47,707.79	47,707.79						47,707.79					47,707.79
	Credit Cards	36	4,376.47			4,376.47				4,376.47					4,376.47
	Electronic	111	11,475.35			11,475.35				11,475.35					11,475.35
	Website	50	5,769.98					5,769.98		5,769.98					5,769.98
7/14/2017	Mail & Counter	184	26,109.78	26,109.78						26,109.78					26,109.78
	Credit Cards	40	4,625.67			4,625.67				4,625.67					4,625.67
	Electronic	221	22,079.84			22,079.84				22,079.84					22,079.84
	Website	115	12,136.56					12,136.56		12,136.56					12,136.56
7/17/2017	Mail & Counter	539	73,590.33	73,590.33						73,590.33					73,590.33
	Credit Cards	56	5,657.69			5,657.69				5,657.69					5,657.69
	Electronic	210	21,385.94			21,385.94				21,385.94					21,385.94
	Website	42	4,680.40					4,680.40		4,680.40					4,680.40
7/18/2017	ACH - payment	682	89,196.44						89,196.44	89,196.44					89,196.44
	Mail & Counter	261	29,358.63	29,358.63						29,358.63					29,358.63
	Credit Cards	52	5,613.93			5,613.93				5,613.93					5,613.93
	Electronic	283	26,931.71			26,931.71				26,931.71					26,931.71
	Website	55	10,235.84					10,235.84		10,235.84					10,235.84
7/19/2017	Mail & Counter	259	34,351.22	34,351.22						34,351.22					34,351.22
	Credit Cards	74	12,794.43			12,794.43				12,794.43					12,794.43
	Electronic	146	15,620.60			15,620.60				15,620.60					15,620.60
	Website	43	4,197.95					4,197.95		4,197.95					4,197.95
7/20/2017	Mail & Counter	200	26,713.54	26,713.54						26,713.54					26,713.54
	Credit Cards	28	3,114.37			3,114.37				3,114.37					3,114.37
	Electronic	162	16,329.51			16,329.51				16,329.51					16,329.51
	Website	40	4,429.72					4,429.72		4,429.72					4,429.72
	ACH - payment	564	46,215.67					46,215.67		46,215.67					46,215.67
7/21/2017	Mail & Counter	261	45,726.34	45,726.34						45,726.34					45,726.34

### Daily Deposit Allocation - July 2017

DATE	Description	Qty	DEPOSIT CHECKING DEPOSITS	AR Mail & Counter	AR Payment Centers	AR Credit Card	AR Electronic Rapid Pay	AR Web Site	AR ACH Auto Pay	AR TOTAL	AR Water Customer Deposits	Water Allocation	Sewer Allocation	Recycled Allocation	RECAP TOTAL
	Credit Cards	34	3,502.64			3,502.64				3,502.64					3,502.64
	Electronic	211	21,818.27				21,818.27			21,818.27					21,818.27
	Website	107	10,436.72					10,436.72		10,436.72					10,436.72
7/24/2017	Mail & Counter	379	75,906.82	75,906.82						75,906.82					75,906.82
	Credit Cards	54	5,210.08			5,210.08				5,210.08					5,210.08
	Electronic	189	19,987.07				19,987.07			19,987.07					19,987.07
	Website	51	5,158.56					5,158.56		5,158.56					5,158.56
7/25/2017	Mail & Counter	261	28,378.76	28,378.76						28,378.76					28,378.76
	Deposit - MIC	-	26,143.70							-	26,143.70			40.03	26,143.70
	Credit Cards	33	2,988.42			2,988.42				2,988.42					2,988.42
	Electronic	253	24,754.82				24,754.82			24,754.82					24,754.82
	Website	31	2,848.79					2,848.79		2,848.79					2,848.79
	ACH payment	636	110,568.72						110,568.72	110,568.72					110,568.72
7/26/2017	Mail & Counter	102	26,797.90	26,797.90						26,797.90					26,797.90
	Credit Cards	24	9,938.03			9,938.03				9,938.03					9,938.03
	Electronic	108	10,163.21				10,163.21			10,163.21					10,163.21
	Website	35	3,944.22					3,944.22		3,944.22					3,944.22
7/27/2017	Mail & Counter	169	20,867.95	20,867.95						20,867.95					20,867.95
	Credit Cards	20	2,470.30			2,470.30				2,470.30					2,470.30
	Electronic	86	16,987.70				16,987.70			16,987.70					16,987.70
	Website	36	4,062.57					4,062.57		4,062.57					4,062.57
7/28/2017	Mail & Counter	149	21,791.66	21,791.66						21,791.66					21,791.66
	Deposit - MIC	-	3,200.00							-	3,200.00				3,200.00
	Credit Cards	21	1,937.27			1,937.27				1,937.27					1,937.27
	Electronic	77	7,206.77				7,206.77			7,206.77					7,206.77
	Website	85	8,691.75					8,691.75		8,691.75					8,691.75
7/31/2017	Mail & Counter	240	46,443.99	46,443.99						46,443.99					46,443.99
	Deposit - MIC	-	17,229.65							-	17,229.65				17,229.65
	Credit Cards	32	3,620.40			3,620.40				3,620.40					3,620.40
	Electronic	94	10,747.36				10,747.36			10,747.36					10,747.36
	Website	61	7,242.84					7,242.84		7,242.84					7,242.84
SB Tax ACH	\$26,308.06 (7/13)														
SB Tax ACH	\$45,200.68 (7/20)														
Jul-17	Utility Pmt Contr-245			(20,516.78)	20,516.78					-					-
	July '17 NSF's		(1,866.73)	(1,866.73)						-					(1,866.73)
<b>TOTALS</b>		<b>15,642</b>	<b>2,058,505.09</b>	<b>895,870.69</b>	<b>20,516.78</b>	<b>111,372.80</b>	<b>430,234.82</b>	<b>152,964.32</b>	<b>391,342.11</b>	<b>2,002,301.52</b>	<b>784.00</b>	<b>55,379.54</b>	<b>-</b>	<b>40.03</b>	<b>2,058,505.09</b>
<b>TOTAL # AR PAYMENTS</b>				<b>6,091</b>	<b>2,445</b>	<b>898</b>	<b>4,092</b>	<b>1,279</b>	<b>3,037</b>	<b>15,642</b>					
<b>PERCENT OF TOTAL RECEIVED</b>				<b>38.94%</b>	<b>1.57%</b>	<b>5.74%</b>	<b>26.16%</b>	<b>8.18%</b>	<b>19.42%</b>	<b>100.00%</b>					

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
02-40010	Sales - Water	5,912,971	664,109	<b>664,109</b>	11.23%
02-40011	Sales - Construction Water	20,000	4,105	<b>4,105</b>	20.52%
02-40012	Sales - Imported Water (SGPWA)	250,000	23,419	<b>23,419</b>	9.37%
02-40013	Sales - Imported Water (MUNI)	850,000	90,425	<b>90,425</b>	10.64%
02-40014	Sales Disc.-Multi Units Usage Chrg.	(100,000)	(11,997)	<b>(11,997)</b>	12.00%
02-40015	Water Wholesale Revenue	300,000	24,217	<b>24,217</b>	8.07%
02-40016	Service Establishment Fee	5,000	0	<b>0</b>	0.00%
02-41000	Service Demand Charges	3,200,000	263,098	<b>263,098</b>	8.22%
02-41001	Fire Service Standby Fees	45,000	3,811	<b>3,811</b>	8.47%
02-41003	Construction Service Charge	15,000	242	<b>242</b>	1.61%
02-41005	Sales Disc-Multi Units Service Chrg.	(135,000)	(11,376)	<b>(11,376)</b>	8.43%
02-41010	Unauthorized Use of Water Charge	2,000	0	<b>0</b>	0.00%
02-41110	Meter/Lateral installation	75,000	0	<b>0</b>	0.00%
02-41112	Fire Flow Test Fees	3,500	375	<b>375</b>	10.71%
02-41113	Disconnect/Reconnect Fees	125,000	5,260	<b>5,260</b>	4.21%
02-41121	Penalty - Late Charges	125,000	12,458	<b>12,458</b>	9.97%
02-42123	Management & Accounting Fees	189,000	15,750	<b>15,750</b>	8.33%
02-41124	Bad Debt	(20,000)	0	<b>0</b>	0.00%
02-43010	Interest Earned	50,000	15,366	<b>15,366</b>	30.73%
02-43110	Property Tax - Unsecured	115,000	0	<b>0</b>	0.00%
02-43120	Property Tax - Secured	2,600,000	0	<b>0</b>	0.00%
02-43130	Tax Collection - Prior	25,000	0	<b>0</b>	0.00%
02-43140	Other Taxes	170,000	0	<b>0</b>	0.00%
02-49110	Rental Income (WATER STOCK)	1,700	0	<b>0</b>	
02-49150	Revenue - Misc. Non-Operating	100,000	18,214	<b>18,214</b>	18.21%
	<b>WATER OPERATING REVENUE</b>	<b>13,924,171</b>	<b>1,117,476</b>	<b>1,117,476</b>	<b>8.03%</b>
	Grants	0	0	<b>0</b>	
02-89901	Facility Capacity Charges	0	0	<b>0</b>	
02-89902	Sustainability	0	0	<b>0</b>	
	<b>TOTAL WATER REVENUE</b>	<b>13,924,171</b>	<b>1,117,476</b>	<b>1,117,476</b>	

FY 2018 - Water Revenue

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
03-40016	Sales - Establish Service Fee	500	0	0	0.00%
03-41000	Sales - Sewer Charges	11,890,265	967,639	967,639	8.14%
03-41005	Sales Disc-Multi Units Service Chrg.	(200,000)	(18,332)	(18,332)	9.17%
03-41110	Meter/Lateral Installation	2,500	0	0	0.00%
03-41121	Penalty - Late Charges	129,925	8,080	8,080	6.22%
03-41131	Front Footage Fees	30,000	0	0	0.00%
03-41124	Bad Debt	(15,000)	0	0	0.00%
03-42122	Revenue - Other Operating	3,250	0	0	0.00%
03-43010	Interest Earned	35,000	15,366	15,366	43.90%
03-43110	Property Tax - Unsecured	50,000	0	0	0.00%
03-43120	Property Tax - Secured	175,000	0	0	0.00%
03-43130	Tax Collection - Prior	10,000	0	0	0.00%
03-43140	Other Taxes	1,500	0	0	0.00%
03-49150	Misc. Non-Oper Revenue	20,000	0	0	0.00%
	<b>SEWER OPERATING REVENUE</b>	<b>12,132,940</b>	<b>972,753</b>	<b>972,753</b>	<b>8.02%</b>
	Grants	0	0	0	
03-89901	Facility Capacity Charges	0	0	0	
03-89903	Contrib Capital-Front Footage Fees	0	0	0	
03-89905	Contrib Capital-Infrastructure	0	0	0	
	<b>TOTAL SEWER REVENUE</b>	<b>12,132,940</b>	<b>972,753</b>	<b>972,753</b>	

FY 2018- Sewer Revenue

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
04-40010	Sales - Recycled Water	551,425	70,434	70,434	12.77%
04-40011	Sales - Construction Water	20,000	340	340	1.70%
04-41000	Sales - Service Demand Chrg.	60,000	5,393	5,393	8.99%
04-41003	Const. Water Minimum Chrg.	5,000	75	75	1.51%
04-41110	Meter/Lateral installation	15,000	(650)	(650)	-4.33%
04-41121	Penalty - Late Charges	1,000	270	270	27.04%
04-41122	Revenue - Other Operating	500	(1,145)	(1,145)	-228.96%
04-43010	Interest Earned	10,000	3,415	3,415	34.15%
04-43110	Property Tax - Unsecured	10,000	0	0	0.00%
04-43120	Property Tax - Secured	110,000	0	0	0.00%
04-43130	Property Tax - Prior	10,000	0	0	0.00%
04-43140	Property Tax - Other	2,500	0	0	0.00%
04-49150	Misc. Non-Operating Revenue	1,000	0	0	0.00%
	<b>RECYCLED OPERATING REVENUE</b>	<b>796,425</b>	<b>78,133</b>	<b>78,133</b>	<b>9.81%</b>
	Grants	0	0	0	
04-89901	Facility Capacity Charges	0	0	0	
	<b>TOTAL RECYCLED REVENUE</b>	<b>796,425</b>	<b>78,133</b>	<b>78,133</b>	

FY 2018 - Recycled Revenue

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
02-5-01-50010	Labor-Water Resources	729,415	60,037	60,037	8.23%
02-5-01-50011	Labor Credit	0	0	0	
02-5-01-50013	Benefits-Fica	55,800	4,933	4,933	8.84%
02-5-01-50014	Benefits-Life Insurance	3,440	116	116	3.37%
02-5-01-50016	Benefits-Health\Defrd Comp	144,480	14,757	14,757	10.21%
02-5-01-50017	Benefits-Disability Insurance	6,565	818	818	12.45%
02-5-01-50019	Benefits-Workers Compensation	19,693	0	0	0.00%
02-5-01-50021	Benefits-PERS	51,059	3,069	3,069	6.01%
02-5-01-50022	Benefits-PERS-Employer	106,500	3,925	3,925	3.69%
02-5-01-50023	Benefits-Uniforms	2,580	140	140	5.44%
02-5-01-50024	Benefits-Vacation & Sick Pay	7,500	546	546	7.27%
02-5-01-50025	Benefits-Boot Allowance	1,720	200	200	11.63%
02-5-01-51003	R&M - Structures	275,000	12,002	12,002	4.36%
02-5-01-51011	R&M - CLA Valves	30,000	0	0	0.00%
02-5-01-51140	General Supplies & Expenses	1,000	0	0	0.00%
02-5-01-51210	Utilities - Power Purchases	1,400,000	53,126	53,126	3.79%
02-5-01-51211	Utilities - Electricity & Fuel	5,000	196	196	3.91%
02-5-01-51316	Imported Water Purchases	1,100,000	0	0	0.00%
02-5-01-54019	Licenses & Permits	25,000	0	0	0.00%
02-5-01-54110	Laboratory Services	85,000	0	0	0.00%
02-5-01-57040	YVRWFF Operating Expense	750,000	67,669	67,669	9.02%
	<b>WATER RESOURCE TOTALS</b>	<b>4,799,752</b>	<b>221,532</b>	<b>221,532</b>	<b>4.62%</b>
02-5-03-50010	Labor-Public Works	1,647,456	87,593	87,593	5.32%
02-5-03-50011	Labor Credit	0	0	0	
02-5-03-50013	Benefits-Fica	126,030	7,013	7,013	5.56%
02-5-03-50014	Benefits-Life Insurance	9,500	330	330	3.48%
02-5-03-50016	Benefits-Health\Defrd Comp	399,000	33,292	33,292	8.34%
02-5-03-50017	Benefits-Disability Insurance	14,900	1,286	1,286	8.63%
02-5-03-50019	Benefits-Workers Compensation	44,500	0	0	0.00%
02-5-03-50021	Benefits-PERS	45,000	2,733	2,733	6.07%
02-5-03-50022	Benefits-PERS Employer	102,000	5,667	5,667	5.56%
02-5-03-50023	Benefits-Uniforms	7,500	612	612	8.16%
02-5-03-50024	Benefits-Vacation & Sick Pay	4,000	277	277	6.93%
02-5-03-50025	Benefits-Boot Allowance	4,750	0	0	0.00%
02-5-03-51001	R & M -Vehicles & Equipment	200,000	17,305	17,305	8.65%
02-5-03-51011	R&M - Valves	10,000	1,211	1,211	12.11%
02-5-03-51020	R&M - Pipelines	225,000	7,042	7,042	3.13%
02-5-03-51021	R&M - Service Lines	175,000	763	763	0.44%
02-5-03-51022	R&M - Fire Hydrants	40,000	214	214	0.54%
02-5-03-51030	R&M - Water Meters	75,000	3,183	3,183	4.24%
02-5-03-51031	Fire Flow Testing	12,000	0	0	0.00%
02-5-03-51092	Equipment Credits	0	0	0	
02-5-03-51140	General Supplies & Expenses	1,000	0	0	0.00%
	<b>PUBLIC WORKS TOTALS</b>	<b>3,142,636</b>	<b>168,522</b>	<b>168,522</b>	<b>5.36%</b>

FY 2017 - Water Expenses



ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
02-5-06-50010	Labor-Administration	792,038	45,471	45,471	5.74%
02-5-06-50011	Labor Credit	0	0	0	
02-5-06-50012	Director Fees	22,500	2,032	2,032	9.03%
02-5-06-50013	Benefits-Fica	62,000	4,187	4,187	6.75%
02-5-06-50014	Benefits-Life Insurance	3,740	119	119	3.17%
02-5-06-50016	Benefits-Health\Defrd Comp	154,600	19,699	19,699	12.74%
02-5-06-50017	Benefits-Disability Insurance	7,300	780	780	10.68%
02-5-06-50019	Benefits-Workers Compensation	21,900	0	0	0.00%
02-5-06-50021	Benefits-PERS	56,700	2,527	2,527	4.46%
02-5-06-50022	Benefits PERS Employer	118,200	3,363	3,363	2.85%
02-5-06-50023	Uniforms	2,800	106	106	3.78%
02-5-06-50024	Benefits-Vacation & Sick Pay	8,000	307	307	3.84%
02-5-06-50025	Benefits-Boots	1,840	0	0	0.00%
02-5-06-51003	R&M - Structures	15,000	4,393	4,393	29.29%
02-5-06-51091	Expense Credits (overhead)	0	0	0	
02-5-06-51120	Safety Equipment/Supplies	25,000	1,258	1,258	5.03%
02-5-06-51125	Petroleum Products	100,000	3,702	3,702	3.70%
02-5-06-51130	Office Supplies & Expenses	30,000	2,998	2,998	9.99%
02-5-06-51140	General Supplies & Expenses	35,000	594	594	1.70%
02-5-06-51199	Disaster Incidences	0	0	0	
02-5-06-51211	Utilities - Electricity	30,000	2,576	2,576	8.59%
02-5-06-51213	Utilities - Natural Gas	3,000	0	0	0.00%
02-5-06-54002	Dues & Subscriptions	16,500	466	466	2.82%
02-5-06-54005	Computer Expenses	100,000	4,500	4,500	4.50%
02-5-06-54010	Postage	3,500	0	0	0.00%
02-5-06-54012	Education & Training	15,000	1,065	1,065	7.10%
02-5-06-54013	Utility Billing Expenses	180,000	7,567	7,567	4.20%
02-5-06-54014	Public Relations	50,000	0	0	0.00%
02-5-06-54016	Travel Related Expenses	10,000	1,519	1,519	15.19%
02-5-06-54017	Certifications & Renewals	7,000	355	355	5.07%
02-5-06-54020	Meeting Related Expenses	6,000	375	375	6.25%
02-5-06-54022	Utilitys - YVWD Services	50,000	0	0	0.00%
02-5-06-54024	Utilities - Waste Disposal	2,500	182	182	7.28%
02-5-06-54025	Utilities - Telephone & Internet	45,000	2,353	2,353	5.23%
02-5-06-54099	Conservation & Rebates	10,000	0	0	
02-5-06-54104	Contractual Services	80,000	16,066	16,066	20.08%
02-5-06-54107	Legal	40,000	0	0	0.00%
02-5-06-54108	Audit & Accounting	16,000	0	0	0.00%
02-5-06-54109	Professional Fees	200,000	2,500	2,500	1.25%
02-5-06-55500	Depreciation Reserves	200,000	16,667	16,667	8.33%
	Infrastructure Replacement	1,000,000	83,333	83,333	8.33%
02-5-06-56001	Insurance	100,000	7,872	7,872	7.87%
02-5-06-57030	Regulatory Compliance	15,000	700	700	4.67%
02-5-06-57090	Election Related Expenses	0	0	0	
02-5-06-57096	Beaumont Basin Watermaster	50,000	0	0	0.00%
02-5-06-57199	Suspense	0	0	0	
	<b>ADMINISTRATION TOTALS</b>	<b>3,686,118</b>	<b>239,629</b>	<b>239,629</b>	<b>6.50%</b>

FY 2018 - Water Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
02-5-40-57201	Debt Srv-Series 2015A Princ.(25009)	1,030,000	0	0	0.00%
02-5-40-57402	Interest-Long-Term Debt Bonds	1,265,665	0	0	0.00%
	<b>40 - Debt</b>	<b>2,295,665</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>
02-5-40-57001	Asset Acq. - Water Resources	0	0	0	--
02-5-40-57003	Asset Acq. - Public works	0	0	0	--
02-5-40-57006	Asset Acq. - Admin (fuel master)	0	0	0	--
	<b>40 - Capital Outlay</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>
				629,683	
	<b>TOTAL WATER EXPENSES</b>	<b>13,924,171</b>	<b>629,683</b>	<b>629,683</b>	<b>4.52%</b>

FY 2018 - Water Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
03-5-02-50010	Labor-S Treatment	809,289	67,520	67,520	8.34%
03-5-02-50013	Benefits-Fica	62,000	5,452	5,452	8.79%
03-5-02-50014	Benefits-Life Insurance	3,680	135	135	3.66%
03-5-02-50016	Benefits-Health\Defrd Comp	155,600	15,454	15,454	9.93%
03-5-02-50017	Benefits-Disability Insurance	7,300	909	909	12.45%
03-5-02-50019	Benefits-Workers Compensation	21,900	0	0	0.00%
03-5-02-50021	Benefits-PERS	53,000	3,534	3,534	6.67%
03-5-02-50022	Benefits-PERS Employer	92,375	4,433	4,433	4.80%
03-5-02-50023	Benefits-Uniforms	2,800	262	262	9.37%
03-5-02-50024	Benefits-Vacation & Sick Pay	5,000	250	250	5.01%
03-5-02-50025	Benefits-Boot Allowance	1,840	354	354	19.24%
03-5-02-51003	R&M - Structures	275,000	1,207	1,207	0.44%
03-5-02-51010	R&M - Automation Control	80,000	0	0	0.00%
03-5-02-51106	Chemicals	500,000	38,426	38,426	7.69%
03-5-02-51111	Propane	10,000	0	0	0.00%
03-5-02-51115	Laboratory Supplies	30,000	2,744	2,744	9.15%
03-5-02-51140	General Supplies & Expenses	2,000	0	0	0.00%
03-5-02-51210	Utilities - Power Purchases	800,000	55,177	55,177	6.90%
03-5-02-54110	Laboratory Services	100,000	493	493	0.49%
03-5-02-57031	Sludge Disposal	250,000	0	0	0.00%
03-5-02-57034	Brine Operating Expenses	300,000	0	0	0.00%
	<b>TREATMENT TOTALS</b>	<b>3,561,784</b>	<b>196,351</b>	<b>196,351</b>	<b>5.51%</b>
03-5-06-50010	Labor-Administration	707,579	40,503	40,503	5.72%
03-5-06-50011	Labor Credit	0	0	0	
03-5-06-50012	Directors Fees	22,500	2,032	2,032	9.03%
03-5-06-50013	Benefits-Fica	54,200	3,769	3,769	6.95%
03-5-06-50014	Benefits-Life Insurance	3,500	119	119	3.39%
03-5-06-50016	Benefits-Health\Defrd Comp	144,700	17,797	17,797	12.30%
03-5-06-50017	Benefits-Disability Insurance	6,400	730	730	11.41%
03-5-06-50019	Benefits-Workers Compensation	19,100	0	0	0.00%
03-5-06-50021	Benefits-PERS	49,600	2,261	2,261	4.56%
03-5-06-50022	Benefits PERS Employer	103,300	2,996	2,996	2.90%
03-5-06-50023	Benefits-Uniforms	2,564	58	58	2.28%
03-5-06-50024	Benefits-Vacation & Sick Pay	10,000	307	307	3.07%
03-5-06-50025	Benefits-Boot Allowance	1,710	0	0	0.00%
03-5-06-51120	Safety Equipment/Supplies	10,000	0	0	0.00%
03-5-06-51125	Petroleum Products	20,000	1,200	1,200	6.00%
03-5-06-51130	Office Supplies	4,000	0	0	0.00%
03-5-06-51140	General Supplies & Expenses	25,000	0	0	0.00%
03-5-06-51199	Disaster Repairs	0	0	0	
03-5-06-54002	Dues & Subscriptions	10,000	353	353	3.53%
03-5-06-54003	Management & Admin Services	189,000	15,750	15,750	8.33%
03-5-06-54005	Computer Expenses	100,000	3,777	3,777	3.78%
03-5-06-54012	Education & Training	9,000	997	997	11.08%
03-5-06-54014	Public Relations	50,000	0	0	0.00%
03-5-06-54016	Travel Related Expenses	7,000	1,519	1,519	21.69%
03-5-06-54017	Certifications & Renewals	7,500	560	560	7.47%
03-5-06-54019	Licenses & Permits	62,500	0	0	0.00%
03-5-06-54020	Meeting Related Expenses	5,000	364	364	7.28%
03-5-06-54022	Utilities - YVWD Services	2,000	0	0	0.00%

FY 2018 - Sewer Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
03-5-06-54024	Utilities - Waste Disposal	13,000	1,085	1,085	8.34%
03-5-06-54025	Utilities - Telephone & Internet	30,000	3,874	3,874	12.91%
03-5-06-54030	Drinking Water	1,000	77	77	7.75%
03-5-06-54104	Contractual Services	70,000	10,814	10,814	15.45%
03-5-06-54107	Legal	45,000	0	0	0.00%
03-5-06-54108	Audit & Accounting	16,000	0	0	0.00%
03-5-06-54109	Professional Fees	225,000	2,500	2,500	1.11%
03-5-06-55500	Depreciation Reserves	500,000	41,667	41,667	8.33%
	Infrastructure Replacement	700,000	58,333	58,333	8.33%
03-5-06-56001	Insurance	100,000	7,872	7,872	7.87%
03-5-06-57030	Regulatory Compliance	50,000	3,077	3,077	6.15%
	<b>ADMINISTRATION TOTALS</b>	<b>3,376,153</b>	<b>224,392</b>	<b>224,392</b>	<b>6.65%</b>
03-5-07-50010	Labor-Environmental Control	565,420	35,549	35,549	6.29%
03-5-07-50011	Labor Credit	0	0	0	
03-5-07-50013	Benefits-Fica	43,302	2,811	2,811	6.49%
03-5-07-50014	Benefits-Life Insurance	3,200	43	43	1.35%
03-5-07-50016	Benefits-Health\Defrd Comp	134,400	6,642	6,642	4.94%
03-5-07-50017	Benefits-Disability Insurance	5,100	414	414	8.11%
03-5-07-50019	Benefits-Workers Compensation	15,300	0	0	0.00%
03-5-07-50021	Benefits-PERS	25,000	1,709	1,709	6.83%
03-5-07-50022	Benefits-PERS Employer	40,000	2,424	2,424	6.06%
03-5-07-50023	Benefits-Uniforms	2,400	151	151	6.28%
03-5-07-50024	Benefits-Vacation & Sick Pay	2,000	220	220	11.01%
03-5-07-50025	Benefits-Boot Allowance	1,600	144	144	9.00%
03-5-07-51003	R&M - Structures	225,000	11,826	11,826	5.26%
03-5-07-51140	General Supplies & Expenses	1,000	483	483	48.35%
03-5-07-51241	Lift Station #1	70,000	2,174	2,174	3.11%
03-5-07-51242	Lift Station #2	30,000	885	885	2.95%
03-5-07-51243	Lift Station #3	15,000	162	162	1.08%
03-5-07-51244	Lift Station #4	50,000	550	550	1.10%
03-5-07-51248	Lift Station #8	3,000	56	56	1.86%
03-5-07-54111	Pretreatment	66,000	0	0	0.00%
	<b>ENVIRONMENTAL CONTROL TOTAL</b>	<b>1,297,722</b>	<b>66,241</b>	<b>66,241</b>	<b>5.10%</b>
03-5-40-57202	Debt Service - Principal - WRWRF	2,199,524	0	0	0.00%
03-5-40-57203	Debt Service - Principal - Brineline	423,936	0	0	0.00%
03-5-40-57204	Debt Service - Principal - WISE	130,782	0	0	0.00%
03-5-40-57205	Debt Service - Principal - R 10.3	38,318	0	0	0.00%
03-5-40-57206	Debt Service - Principal - Crow & B12-1	13,014	0	0	0.00%
03-5-40-57403	Debt Service - Interest	1,091,707	0	0	0.00%
	<b>40 - Debt</b>	<b>3,897,281</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>
03-5-40-57002	Asset Acq. - Treatment	0	0	0	
03-5-40-57006	Asset Acq. - Admin (fuel master)	0	0	0	
03-5-40-57007	Asset Acq. - EC (ADS flow monitors & smart covers)	0	0	0	
	<b>40 - Capital Outlay</b>	<b>0</b>	<b>0</b>	<b>0</b>	
				486,984	
	<b>TOTAL SEWER EXPENSES</b>	<b>12,132,940</b>	<b>486,984</b>	<b>486,984</b>	<b>4.01%</b>

FY 2018 - Sewer Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '17	Year to Date	Percentage YTD
04-5-06-50010	Labor-Recycled Water	364,137	17,881	17,881	4.91%
04-5-06-50012	Director Fees	5,000	0	0	0.00%
04-5-06-50013	Benefits-FICA	20,000	1,473	1,473	7.37%
04-5-06-50014	Benefits-Life Insurance	1,820	0	0	0.00%
04-5-06-50016	Benefits-Health & Def Comp	30,000	2,386	2,386	7.95%
04-5-06-50017	Benefits-Disability Insurance	3,300	209	209	6.34%
04-5-06-50019	Benefits-Workers Compensation	4,000	0	0	0.00%
04-5-06-50021	Benefits-PERS Employee	11,000	647	647	5.88%
04-5-06-50022	Benefits-PERS Employer	18,243	1,192	1,192	6.53%
04-5-06-50023	Benefits-Uniforms	1,365	45	45	3.31%
04-5-06-50024	Benefits-Vacation & Sick Pay	500	35	35	7.10%
04-5-06-50025	Benefits-Boots	910	0	0	0.00%
04-5-06-51003	R & M-Structures	25,000	0	0	0.00%
04-5-06-51011	R & M-Valves	5,000	0	0	0.00%
04-5-06-51020	R & M-Pipelines	5,000	0	0	0.00%
04-5-06-51021	R & M-Service Lines	15,000	0	0	0.00%
04-5-06-51022	R & M-Fire Hydrants	1,000	0	0	0.00%
04-5-06-51030	R & M-Meters	4,000	2,176	2,176	54.41%
04-5-06-51140	General Supplies & Expenses	2,500	0	0	0.00%
04-5-06-51210	Utilities-Power Purchasess	85,000	5,320	5,320	6.26%
04-5-06-54002	Dues & Subscriptions	4,000	16	16	0.39%
04-5-06-54005	Computer Expense	9,000	600	600	6.67%
04-5-06-54012	Education & Training	4,000	68	68	1.69%
04-5-06-54014	Public Relations	2,000	0	0	0.00%
04-5-06-54016	Travel Related Expenses	2,500	319	319	12.74%
04-5-06-54017	Certifications & Renewals	500	0	0	0.00%
04-5-06-54019	Licenses & Permits	20,000	0	0	0.00%
04-5-06-54020	Meeting Related Expenses	1,000	68	68	6.84%
04-5-06-54022	Utilities - YVWD Services	25,000	0	0	0.00%
04-5-06-54025	Utilities - Telephone & Internet	1,500	0	0	0.00%
04-5-06-54010	Contractual Services	8,400	2,000	2,000	23.81%
04-5-06-54107	Legal	1,250	0	0	0.00%
04-5-06-54108	Audit & Accounting	2,500	0	0	0.00%
04-5-06-54109	Professional Fees	25,000	0	0	0.00%
04-5-06-54110	Laboratory Services	0	0	0	
04-5-06-55500	Depreciation	8,000	685	685	8.56%
	Infrastructure Replacement	25,000	2,083	2,083	8.33%
04-5-06-56001	Insurance	20,000	1,749	1,749	8.75%
04-5-06-57030	Regulatory Compliance	25,000	0	0	0.00%
04-5-06-57040	Environmental Compliance	9,000	0	0	0.00%
				38,953	
	<b>TOTAL RECYCLED EXPENSES</b>	<b>796,425</b>	<b>38,953</b>	<b>38,953</b>	<b>4.89%</b>

FY 2018 - Recycled Expenses



**Date:** August 8, 2017  
**From:** Allison M. Edmisten, Chief Financial Officer  
**Subject:** Review of Public Disclosure Report Pursuant to Government Code Section 53065.5 for Fiscal Year Ending June 30, 2017

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Government Code Section 53065.5 requires all special districts to disclose reimbursements paid by the District within the immediately preceding fiscal year of one hundred dollars (\$100) or more for each individual charge for services or products received. The individual charge includes, but is not limited to, tuition reimbursement, certificate or license reimbursement, or meals, lodging, and transportation, or registration fee reimbursed to any employee or member of the governing body.

The disclosure requirement is fulfilled by including the reimbursement information in a document published or printed at least annually and made available for public inspection.

Attached is the report of these reimbursements for the fiscal year ending on June 30, 2017.



**Yucaipa Valley Water District**  
 Government Code 53065.5, Public Disclosure Reports - Reimbursements By YVWD  
 July 1, 2016 - June 30, 2017

EMPLOYEE NAME	TITLE	CHECK NO.	CHECK DATE	AMOUNT	DESCRIPTION
Courtland Gear	Utility Service Worker I	26516	07/11/16	\$ 155.00	Reimbursement for CSM1 exam
Ryan Janisch	Public Works Supervisor	26558	07/11/16	\$ 205.00	Reimbursement for ESRI Conference expenses
Thomas Shalhoub	Director	26561	07/11/16	\$ 107.64	Reimbursement for Westcas Conference travel expense
Christopher Crosby	Integrated Operator II	26578	07/18/16	\$ 100.00	Reimbursement for OWTP1&2 class
Michael Rivera	Public Works Supervisor	26560	07/11/16	\$ 362.79	Reimbursement for ESRI Conference expenses
James Nicholson	Utility Service Worker II	26840	08/15/16	\$ 155.00	Reimbursement for CSM1 exam
Matthew Porras	Integrated Operator II	26850	08/22/16	\$ 978.68	Reimbursement for OWTP1&2 class
Daniel Hohman	Utility Service Worker I	26851	08/22/16	\$ 172.00	CWEA membership dues
Caleb Nazario	Utility Service Worker I	26910	08/29/16	\$ 164.00	CWEA membership dues
James Rowell	Integrated Operator IV	26993	09/06/16	\$ 264.88	Reimbursement for 457 Loan paid in full (overpaid)
James Rowell	Integrated Operator IV	27088	09/19/16	\$ 264.88	Reimbursement for 457 Loan paid in full (overpaid)
John Wrobel	Reg. & Environmental Control Mngr.	27190	10/03/16	\$ 302.48	Tri-State Seminar travel & meal expenses
Matthew Flordelis	Senior Utility Service Worker	27193	10/03/16	\$ 459.87	Tri-State Seminar travel & meal expenses
Jennifer Ares	Water Resource Manager	27196	10/03/16	\$ 154.10	Travel & meal expenses various
Sean Ferris	Integrated Operator II	27197	10/03/16	\$ 305.29	Tri-State Seminar travel & meal expenses
Daniel Hohman	Utility Service Worker I	27199	10/10/16	\$ 155.00	Reimbursement for CSM1 exam
Dustin Hochreiter	Utility Service Worker II	27415	11/07/16	\$ 100.00	Reimbursement for D2 exam
Geoffrey Risaliti	Utility Service Worker II	27414	11/07/16	\$ 100.00	Reimbursement for D3 exam
Gilbert Santacruz	Integrated Operator II	27506	11/14/16	\$ 100.00	Reimbursement for D3 exam
Todd Madrid	Utility Service Worker III	27629	12/05/16	\$ 100.00	Reimbursement for D3 exam
Kyle Mitchell	Integrated Operator II	27631	12/05/16	\$ 140.00	Reimbursement for WWTP01 exam
Steven Eldridge	Utility Service Worker III	27632	12/05/16	\$ 100.00	Reimbursement for D3 exam
Matthew Porras	Management Analyst	27679	12/09/16	\$ 218.29	R12.4 Open House Event - Starbucks Coffee
Erin Anton	Administrative Clerk IV	27680	12/09/16	\$ 553.13	Misc. items purchased for Special Districts Meeting
Kathryn Hallberg	Management Analyst	27681	12/09/16	\$ 183.75	Doughnuts for R12.4 Open House and misc items
Matthew Porras	Management Analyst	27753	12/02/17	\$ 101.70	Starbucks coffee for Special Districts Meeting
Ashely Hosmanek	Water Resource Project Supervisor	27794	12/19/16	\$ 350.00	Reimbursement for WWTP03 exam
Matthew Porras	Management Analyst	27996	01/20/17	\$ 136.42	Snacks for Advanced Meter User Group & office supplies purchases
Ashely Hosmanek	Management Analyst	27997	01/20/17	\$ 131.04	2 Filing fees & travel expenses
Matthew Porras	Senior Utility Service Worker	28044	01/23/17	\$ 205.00	Reimbursement for CSM4 exam
Matthew Flordelis	Integrated Operator IV	28456	03/20/17	\$ 155.00	Reimbursement for T4 renewal and WTP01 class
James Rowell	Utility Service Worker I	28458	03/20/17	\$ 160.00	Reimbursement for CSM1 exam
Caleb Nazario	Utility Service Worker III	28811	05/01/17	\$ 130.00	Reimbursement for D4 exam
Steven Eldridge	Utility Service Worker III	28821	05/08/17	\$ 120.55	Reimbursement for WDS class
Todd Madrid	Operation Manager	28933	05/15/17	\$ 442.48	CWEA Annual Conference hotel expense
Kevin King	Management Analyst	28940	05/15/17	\$ 457.22	Travel & meal expenses for El Dorado Recycle Water meeting & Incode Conference
Matthew Porras	Management Analyst	28941	05/15/17	\$ 492.06	Travel & meal expenses for El Dorado Recycle Water meeting & CA EPA meeting
Kathryn Hallberg	Chief Financial Officer	28942	05/15/17	\$ 147.33	Tyler Conference travel & meal expense
Allison Edmisten	Integrated Operator II	28945	05/22/17	\$ 140.00	Reimbursement for WWTP01 exam
Gilbert Santacruz	Administrative Supervisor	28996	05/26/17	\$ 173.73	Kitchen supplies for newly remodeled kitchen
Peggy Little	Integrated Operator II	29231	06/29/17	\$ 364.00	Reimbursement for WWT Class
James Nicholson	Integrated Operator II	29228	06/29/17	\$ 117.55	Reimbursement for WDS class

# Director Comments



Yucaipa Valley Water District

# Adjournment



Yucaipa Valley Water District



## FACTS ABOUT THE YUCAIPA VALLEY WATER DISTRICT

**Service Area Size:** 40 square miles (sphere of influence is 68 square miles)

**Elevation Change:** 3,140 foot elevation change (from 2,044 to 5,184 feet)

**Number of Employees:** 5 elected board members  
62 full time employees

**Operating Budget:** Water Division - \$13,397,500  
Sewer Division - \$11,820,000  
Recycled Water Division - \$537,250  
Total Annual Budget - \$25,754,750

**Number of Services:** 12,434 water connections serving 17,179 units  
13,559 sewer connections serving 20,519 units  
64 recycled water connections

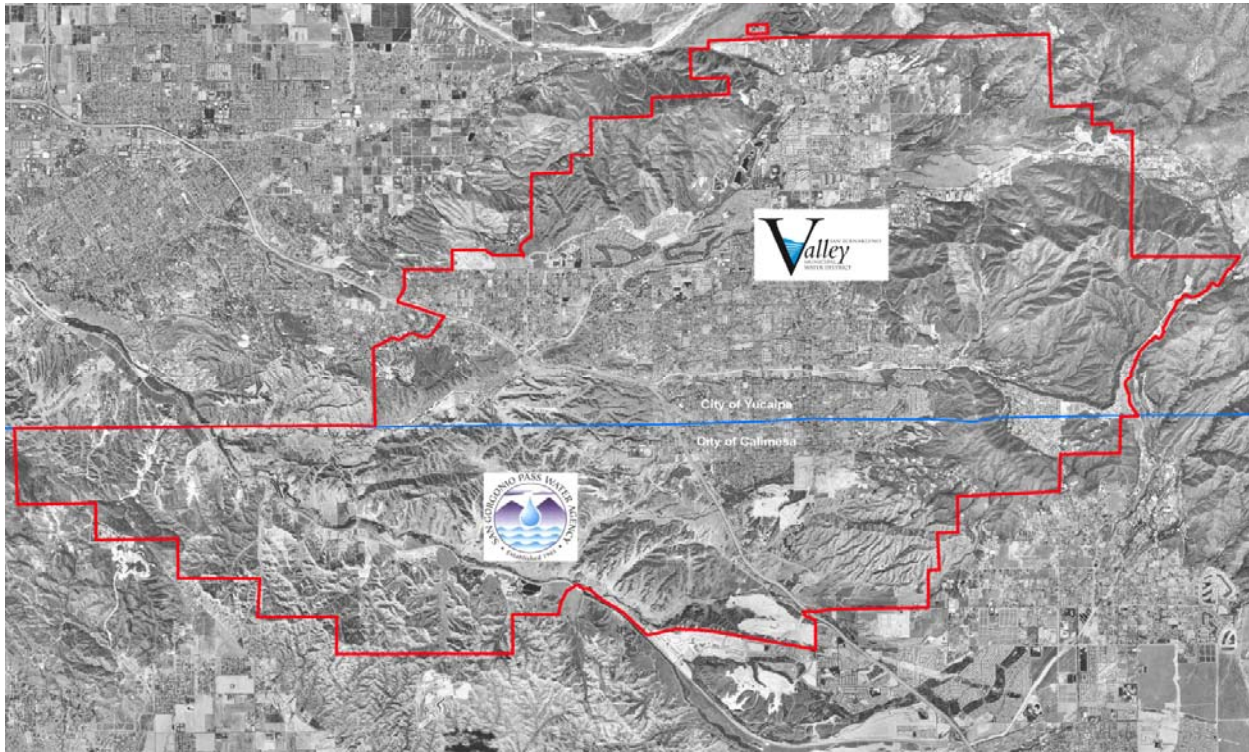
**Water System:** 215 miles of drinking water pipelines  
27 reservoirs - 34 million gallons of storage capacity  
18 pressure zones  
12,000 ac-ft annual water demand (3.9 billion gallons)  
Two water filtration facilities:  
- 1 mgd at Oak Glen Surface Water Filtration Facility  
- 12 mgd at Yucaipa Valley Regional Water Filtration Facility

**Sewer System:** 8.0 million gallon treatment capacity - current flow at 4.0 mgd  
205 miles of sewer mainlines  
5 sewer lift stations  
4,500 ac-ft annual recycled water prod. (1.46 billion gallons)

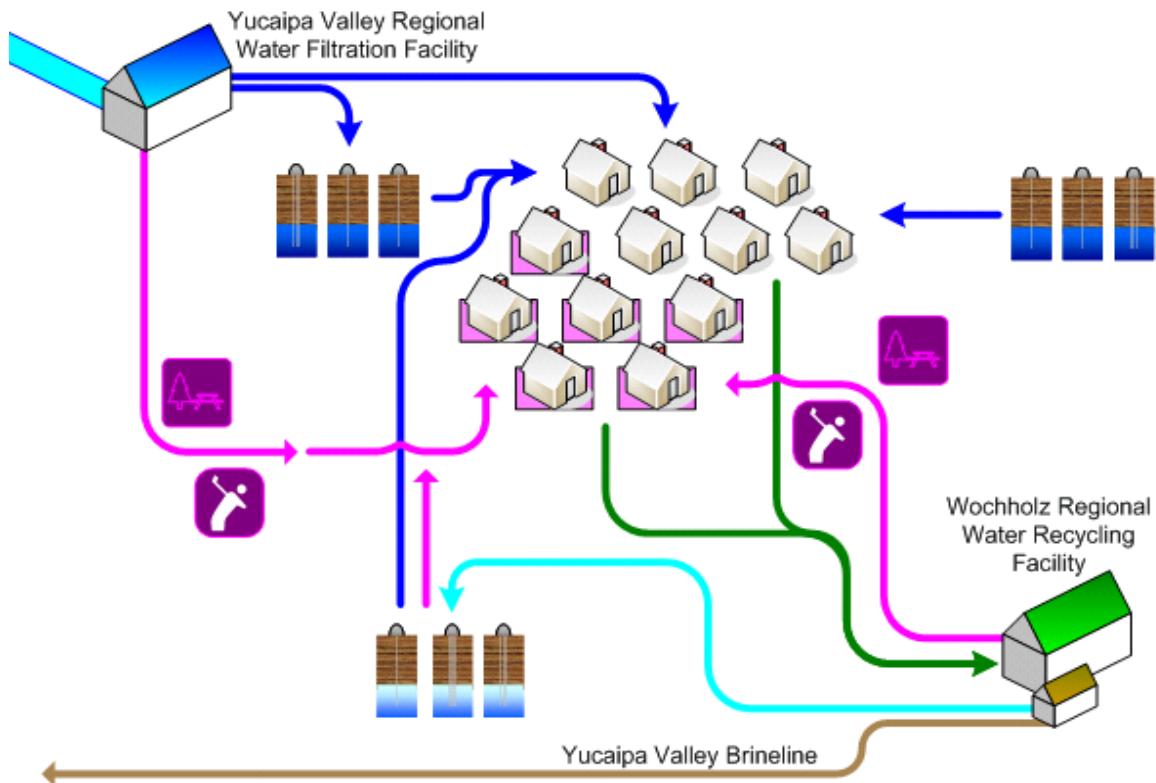
**Recycled Water:** 22 miles of recycled water pipelines  
5 reservoirs - 12 million gallons of storage  
1,200 ac-ft annual recycled demand (0.4 billion gallons)

**Brine Disposal:** 2.2 million gallon desalination facility at sewer treatment plant  
1.108 million gallons of Inland Empire Brine Line capacity  
0.295 million gallons of treatment capacity in Orange County

**State Water Contractors:** San Bernardino Valley Municipal Water District  
San Geronimo Pass Water Agency



**Sustainability Plan:** A Strategic Plan for a Sustainable Future: The Integration and Preservation of Resources, adopted on August 20, 2008.







## THE MEASUREMENT OF WATER PURITY

**One part per hundred** is generally represented by the percent (%).  
This is equivalent to about fifteen minutes out of one day.

**One part per thousand** denotes one part per 1000 parts.  
This is equivalent to about one and a half minutes out of one day.

**One part per million (ppm)** denotes one part per 1,000,000 parts.  
This is equivalent to about 32 seconds out of a year.

**One part per billion (ppb)** denotes one part per 1,000,000,000 parts.  
This is equivalent to about three seconds out of a century.

**One part per trillion (ppt)** denotes one part per 1,000,000,000,000 parts.  
This is equivalent to about three seconds out of every hundred thousand years.

**One part per quadrillion (ppq)** denotes one part per 1,000,000,000,000,000 parts.  
This is equivalent to about two and a half minutes out of the age of the Earth (4.5 billion years).







## GLOSSARY OF COMMONLY USED TERMS

Every profession has specialized terms which generally evolve to facilitate communication between individuals. The routine use of these terms tends to exclude those who are unfamiliar with the particular specialized language of the group. Sometimes jargon can create communication cause difficulties where professionals in related fields use different terms for the same phenomena.

Below are commonly used water terms and abbreviations with commonly used definitions. If there is any discrepancy in definitions, the District's Regulations Governing Water Service is the final and binding definition.

**Acre Foot of Water** - The volume of water (325,850 gallons, or 43,560 cubic feet) that would cover an area of one acre to a depth of 1 foot.

**Activated Sludge Process** – A secondary biological sewer treatment process where bacteria reproduce at a high rate with the introduction of excess air or oxygen, and consume dissolved nutrients in the wastewater.

**Annual Water Quality Report** - The document is prepared annually and provides information on water quality, constituents in the water, compliance with drinking water standards and educational material on tap water. It is also referred to as a Consumer Confidence Report (CCR).

**Aquifer** - The natural underground area with layers of porous, water-bearing materials (sand, gravel) capable of yielding a supply of water; see Groundwater basin.

**Backflow** - The reversal of water's normal direction of flow. When water passes through a water meter into a home or business it should not reverse flow back into the water mainline.

**Best Management Practices (BMPs)** - Methods or techniques found to be the most effective and practical means in achieving an objective. Often used in the context of water conservation.

**Biochemical Oxygen Demand (BOD)** – The amount of oxygen used when organic matter undergoes decomposition by microorganisms. Testing for BOD is done to assess the amount of organic matter in water.

**Biosolids** – Biosolids are nutrient rich organic and highly treated solid materials produced by the sewer treatment process. This high-quality product can be used as a soil amendment on farm land or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth.

**Catch Basin** – A chamber usually built at the curb line of a street, which conveys surface water for discharge into a storm sewer.

**Capital Improvement Program (CIP)** – Projects for repair, rehabilitation, and replacement of assets. Also includes treatment improvements, additional capacity, and projects for the support facilities.

**Collector Sewer** – The first element of a wastewater collection system used to collect and carry wastewater from one or more building sewer laterals to a main sewer.

**Coliform Bacteria** – A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere and is generally used as an indicator of sewage pollution.

**Combined Sewer Overflow** – The portion of flow from a combined sewer system, which discharges into a water body from an outfall located upstream of a wastewater treatment plant, usually during wet weather conditions.

**Combined Sewer System**– Generally older sewer systems designed to convey both sewage and storm water into one pipe to a wastewater treatment plant.

**Conjunctive Use** - The coordinated management of surface water and groundwater supplies to maximize the yield of the overall water resource. Active conjunctive use uses artificial recharge, where surface water is intentionally percolated or injected into aquifers for later use. Passive conjunctive use is to simply rely on surface water in wet years and use groundwater in dry years.

**Consumer Confidence Report (CCR)** - see Annual Water Quality Report.

**Cross-Connection** - The actual or potential connection between a potable water supply and a non-potable source, where it is possible for a contaminant to enter the drinking water supply.

**Disinfection By-Products (DBPs)** - The category of compounds formed when disinfectants in water systems react with natural organic matter present in the source water supplies. Different disinfectants produce different types or amounts of disinfection byproducts. Disinfection byproducts for which regulations have been established have been identified in drinking water, including trihalomethanes, haloacetic acids, bromate, and chlorite

**Drought** - a period of below average rainfall causing water supply shortages.

**Dry Weather Flow** – Flow in a sanitary sewer during periods of dry weather in which the sanitary sewer is under minimum influence of inflow and infiltration.

**Fire Flow** - The ability to have a sufficient quantity of water available to the distribution system to be delivered through fire hydrants or private fire sprinkler systems.

**Gallons per Capita per Day (GPCD)** - A measurement of the average number of gallons of water use by the number of people served each day in a water system. The calculation is made by dividing the total gallons of water used each day by the total number of people using the water system.

**Groundwater Basin** - An underground body of water or aquifer defined by physical boundaries.

**Groundwater Recharge** - The process of placing water in an aquifer. Can be a naturally occurring process or artificially enhanced.

**Hard Water** - Water having a high concentration of minerals, typically calcium and magnesium ions.

**Hydrologic Cycle** - The process of evaporation of water into the air and its return to earth in the form of precipitation (rain or snow). This process also includes transpiration from plants, percolation into the ground, groundwater movement, and runoff into rivers, streams and the ocean; see Water cycle.

**Infiltration** – Water other than sewage that enters a sewer system and/or building laterals from the ground through defective pipes, pipe joints, connections, or manholes. Infiltration does not include inflow. See *Inflow*.

**Inflow** - Water other than sewage that enters a sewer system and building sewer from sources such as roof vents, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm drains and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage. Inflow does not include infiltration. See *Infiltration*.

**Inflow / Infiltration (I/I)** – The total quantity of water from both inflow and infiltration.

**Mains, Distribution** - A network of pipelines that delivers water (drinking water or recycled water) from transmission mains to residential and commercial properties, usually pipe diameters of 4" to 16".

**Mains, Transmission** - A system of pipelines that deliver water (drinking water or recycled water) from a source of supply the distribution mains, usually pipe diameters of greater than 16".

**Meter** - A device capable of measuring, in either gallons or cubic feet, a quantity of water delivered by the District to a service connection.

**Overdraft** - The pumping of water from a groundwater basin or aquifer in excess of the supply flowing into the basin. This pumping results in a depletion of the groundwater in the basin which has a net effect of lowering the levels of water in the aquifer.

**Peak Flow** – The maximum flow that occurs over a specific length of time (e.g., daily, hourly, instantaneously).

**Pipeline** - Connected piping that carries water, oil or other liquids. See Mains, Distribution and Mains, Transmission.

**Point of Responsibility, Metered Service** - The connection point at the outlet side of a water meter where a landowner's responsibility for all conditions, maintenance, repairs, use and replacement of water service facilities begins, and the District's responsibility ends.

**Potable Water** - Water that is used for human consumption and regulated by the California Department of Public Health.

**Pressure Reducing Valve** - A device used to reduce the pressure in a domestic water system when the water pressure exceeds desirable levels.

**Pump Station** - A drinking water or recycled water facility where pumps are used to push water up to a higher elevation or different location.

**Reservoir** - A water storage facility where water is stored to be used at a later time for peak demands or emergencies such as fire suppression. Drinking water and recycled water systems will typically use concrete or steel reservoirs. The State Water Project system considers lakes, such as Shasta Lake and Folsom Lake to be water storage reservoirs.

**Runoff** - Water that travels downward over the earth's surface due to the force of gravity. It includes water running in streams as well as over land.

**Sanitary Sewer System** - Sewer collection system designed to carry sewage, consisting of domestic, commercial, and industrial wastewater. This type of system is not designed nor intended to carry water from rainfall, snowmelt, or groundwater sources. See *Combined Sewer System*.

**Sanitary Sewer Overflow** – Overflow from a sanitary sewer system caused when total wastewater flow exceeds the capacity of the system. See *Combined Sewer Overflow*.

**Santa Ana River Interceptor (SARI) Line** – A regional brine line designed to convey 30 million gallons per day of non-reclaimable wastewater from the upper Santa Ana River basin to the sewer treatment plant operated by Orange County Sanitation District.

**Secondary Treatment** – Biological sewer treatment, particularly the activated-sludge process, where bacteria and other microorganisms consume dissolved nutrients in wastewater.

**Supervisory Control and Data Acquisition (SCADA)** - A computerized system which provides the ability to remotely monitor and control water system facilities such as reservoirs, pumps and other elements of water delivery.

**Service Connection** - The water piping system connecting a customer's system with a District water main beginning at the outlet side of the point of responsibility, including all plumbing and equipment located on a parcel required for the District's provision of water service to that parcel.

**Sludge** – Untreated solid material created by the treatment of sewage.

**Smart Irrigation Controller** - A device that automatically adjusts the time and frequency which water is applied to landscaping based on real-time weather such as rainfall, wind, temperature and humidity.

**Special District** - A political subdivision of a state established to provide a public services, such as water supply or sanitation, within a specific geographic area.

**Surface Water** - Water found in lakes, streams, rivers, oceans or reservoirs behind dams.

**Total Suspended Solids (TSS)** – The amount of solids floating and in suspension in water or sewage.

**Transpiration** - The process by which water vapor is released into the atmosphere by living plants.

**Trickling Filter** – A biological secondary treatment process in which bacteria and other microorganisms, growing as slime on the surface of rocks or plastic media, consume nutrients in primary treated sewage as it trickles over them.

**Underground Service Alert (USA)** - A free service that notifies utilities such as water, telephone, cable and sewer companies of pending excavations within the area (dial 8-1-1 at least 2 working days before you dig).

**Urban Runoff** - Water from city streets and domestic properties that typically carries pollutants into the storm drains, rivers, lakes, and oceans.

**Valve** - A device that regulates, directs or controls the flow of water by opening, closing or partially obstructing various passageways.

**Wastewater** – Any water that enters the sanitary sewer.

**Water Banking** - The practice of actively storing or exchanging in-lieu surface water supplies in available groundwater basin storage space for later extraction and use by the storing party or for sale or exchange to a third party. Water may be banked as an independent operation or as part of a conjunctive use program.

**Water cycle** - The continuous movement water from the earth's surface to the atmosphere and back again; see Hydrologic cycle.

**Water Pressure** - Pressure created by the weight and elevation of water and/or generated by pumps that deliver water to the tap.

**Water Service Line** - The pipeline that delivers potable water to a residence or business from the District's water system. Typically the water service line is a 1" to 1½" diameter pipe for residential properties.

**Watershed** - A region or land area that contributes to the drainage or catchment area above a specific point on a stream or river.

**Water Table** - The upper surface of the zone of saturation of groundwater in an unconfined aquifer.

**Water Transfer** - A transaction, in which a holder of a water right or entitlement voluntarily sells/exchanges to a willing buyer the right to use all or a portion of the water under that water right or entitlement.

**Water Well** - A hole drilled into the ground to tap an underground water aquifer.

**Wetlands** - Lands which are fully saturated or under water at least part of the year, like seasonal vernal pools or swamps.

**Wet Weather Flow** – Dry weather flow combined with stormwater introduced into a combined sewer system, and dry weather flow combined with infiltration/inflow into a separate sewer system.





## COMMONLY USED ABBREVIATIONS

<b>AQMD</b>	Air Quality Management District
<b>BOD</b>	Biochemical Oxygen Demand
<b>CARB</b>	California Air Resources Board
<b>CCTV</b>	Closed Circuit Television
<b>CWA</b>	Clean Water Act
<b>EIR</b>	Environmental Impact Report
<b>EPA</b>	U.S. Environmental Protection Agency
<b>FOG</b>	Fats, Oils, and Grease
<b>GPD</b>	Gallons per day
<b>MGD</b>	Million gallons per day
<b>O &amp; M</b>	Operations and Maintenance
<b>OSHA</b>	Occupational Safety and Health Administration
<b>POTW</b>	Publicly Owned Treatment Works
<b>PPM</b>	Parts per million
<b>RWQCB</b>	Regional Water Quality Control Board
<b>SARI</b>	Santa Ana River Inceptor
<b>SAWPA</b>	Santa Ana Watershed Project Authority
<b>SBVMWD</b>	San Bernardino Valley Municipal Water District
<b>SCADA</b>	Supervisory Control and Data Acquisition system
<b>SSMP</b>	Sanitary Sewer Management Plan
<b>SSO</b>	Sanitary Sewer Overflow
<b>SWRCB</b>	State Water Resources Control Board
<b>TDS</b>	Total Dissolved Solids
<b>TMDL</b>	Total Maximum Daily Load
<b>TSS</b>	Total Suspended Solids
<b>WDR</b>	Waste Discharge Requirements
<b>YVWD</b>	Yucaipa Valley Water District