

Since 1918



PALMDALE WATER DISTRICT

2029 East Avenue Q • Palmdale, California 93550 • Telephone (661) 947-4111
Fax (661) 947-8604

www.palmdalewater.org

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Board of Directors

ROBERT E. ALVARADO
Division 1

JOE ESTES
Division 2

MARCO HENRIQUEZ
Division 3

KATHY MAC LAREN
Division 4

VINCENT DINO
Division 5

ALESHIRE & WYNDER
LLP
Attorneys

December 8, 2016

***Agenda for Regular Meeting
of the Board of Directors of the Palmdale Water District
to be held at the District's office at 2029 East Avenue Q, Palmdale***

Wednesday, December 14, 2016

7:00 p.m.

NOTES: To comply with the Americans with Disabilities Act, to participate in any Board meeting please contact Dawn Deans at 661-947-4111 x1003 at least 48 hours prior to a Board meeting to inform us of your needs and to determine if accommodation is feasible.

Additionally, a Spanish interpreter will be made available to assist the public in making comments during the meeting if requested at least 48 hours before the meeting. Please call Dawn Deans at 661-947-4111 x1003 with your request. This was authorized by Board action on May 11, 2016 as a temporary measure while a long-term policy is developed.

Adicionalmente, un intérprete en español estará disponible para ayudar al público a hacer comentarios durante la reunión, siempre y cuando se solicite con 48 horas de anticipación de la junta directiva. Por favor de llamar Dawn Deans al 661-947-4111 x1003 con su solicitud. Esto fué autorizado por la mesa directiva en la junta del 11 de mayo del 2016 como una medida temporal mientras se desarrolla una poliza a largo plazo.

Agenda item materials, as well as materials related to agenda items submitted after distribution of the agenda packets, are available for public review at the District's office located at 2029 East Avenue Q, Palmdale (Government Code Section 54957.5). Please call Dawn Deans at 661-947-4111 x1003 for public review of materials.

PUBLIC COMMENT GUIDELINES: The prescribed time limit per speaker is three-minutes. Please refrain from public displays or outbursts such as unsolicited applause, comments, or cheering. Any disruptive activities that substantially interfere with the ability of the District to carry out its meeting will not be permitted and offenders will be requested to leave the meeting. (PWD Rules and Regulations, Appendix DD, Sec. IV.A.)

Each item on the agenda shall be deemed to include any appropriate motion, resolution, or ordinance to take action on any item.

- 1) Pledge of Allegiance/Moment of Silence.
- 2) Roll Call.
- 3) Adoption of Agenda.
- 4) Public comments for non-agenda items.



Providing high quality water to our current and future customers at a reasonable cost.



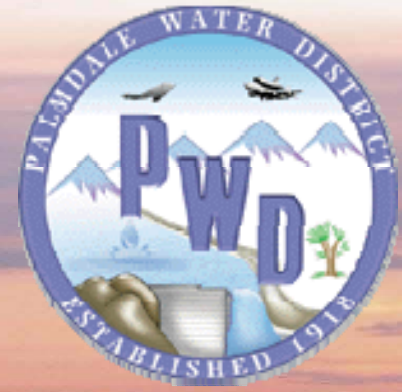
- 5) Presentations:
 - 5.1) Palmdale Water District as presented to the State Water Contractors Operations Committee. (Deputy Water & Energy Resources Director Thompson II)
- 6) Action Items - Consent Calendar (The public shall have an opportunity to comment on any action item on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.)
 - 6.1) Approval of minutes of special budget meeting held November 22, 2016.
 - 6.2) Approval of minutes of regular meeting held November 23, 2016.
 - 6.3) Payment of bills for December 14, 2016.
 - 6.4) Approval of Resolution No. 16-18 being a Resolution of the Board of Directors of the Palmdale Water District Establishing Its Investment Policy. (Financial Advisor Egan/Finance Manager Williams/Finance Committee)
- 7) Action Items - Action Calendar (The public shall have an opportunity to comment on any action item as each item is considered by the Board of Directors prior to action being taken.)
 - 7.1) Status report on Cash Flow Statement and Current Cash Balances as of October, 2016. (Financial Advisor Egan)
 - 7.2) Status report on Financial Statements, Revenue, and Expense and Departmental Budget Reports for October, 2016. (Finance Manager Williams)
 - 7.3) Status report on committed contracts issued and water revenue bond projects. (Assistant General Manager Knudson)
 - 7.4) Consideration and possible action on Resolution No. 16-19 being a Resolution of the Board of Directors of the Palmdale Water District Ordering Even-Year Board of Directors' Elections Starting in November of 2018 and Requesting the Consolidation of the District Election With the County Election. (No Budget Impact – General Counsel Dunn)
 - 7.5) Consideration and possible action on authorization of the following conferences, seminars, and training sessions for Board and staff attendance within budget amounts previously approved in the 2016 Budget:
 - a) Antelope Valley Board of Trade “Fire Up the Future” Business Outlook Conference to be held February 24, 2017 in Lancaster.
 - b) ACWA DC 2017 Annual Washington D.C. Conference to be held February 28 to March 2, 2017 in Washington, D.C.
 - c) 2017 WateReuse California Annual Conference to be held March 19 – 21, 2017 in San Diego.
- 8) Information Items:
 - 8.1) Reports of Directors:
 - a) Meetings/General Report.

- b) Standing Committee/Assignment Reports (Chair):
 - 1) Finance Committee.
- 8.2) Report of General Manager.
 - a) Status of work experience program through the Antelope Valley College.
(Human Resources Director Emery)
- 8.3) Report of General Counsel.
- 9) Public comments on closed session agenda matters.
- 10) Break prior to closed session.
- 11) Closed session under:
 - 11.1) Conference with Legal Counsel – Existing Litigation: A closed session will be held, pursuant to Government Code §54956.9 (d)(1), to confer with Special Litigation Counsel regarding pending litigation to which the District is a party. The title of such litigation is as follows: *Antelope Valley Ground Water Cases*.
 - 11.2) Conference with Legal Counsel – Existing Litigation: A closed session will be held, pursuant to Government Code §54956.9 (d)(1), to confer with legal counsel regarding pending litigation to which the District is a party. The title of such litigation is as follows: *CFS vs. Department of Water Resources; Sacramento Superior Court Case No. 34-2016-80002469*.
- 12) Public report of any action taken in closed session.
- 13) Board members' requests for future agenda items.
- 14) Adjournment.



DENNIS D. LaMOREAUX,
General Manager

DDL/dd



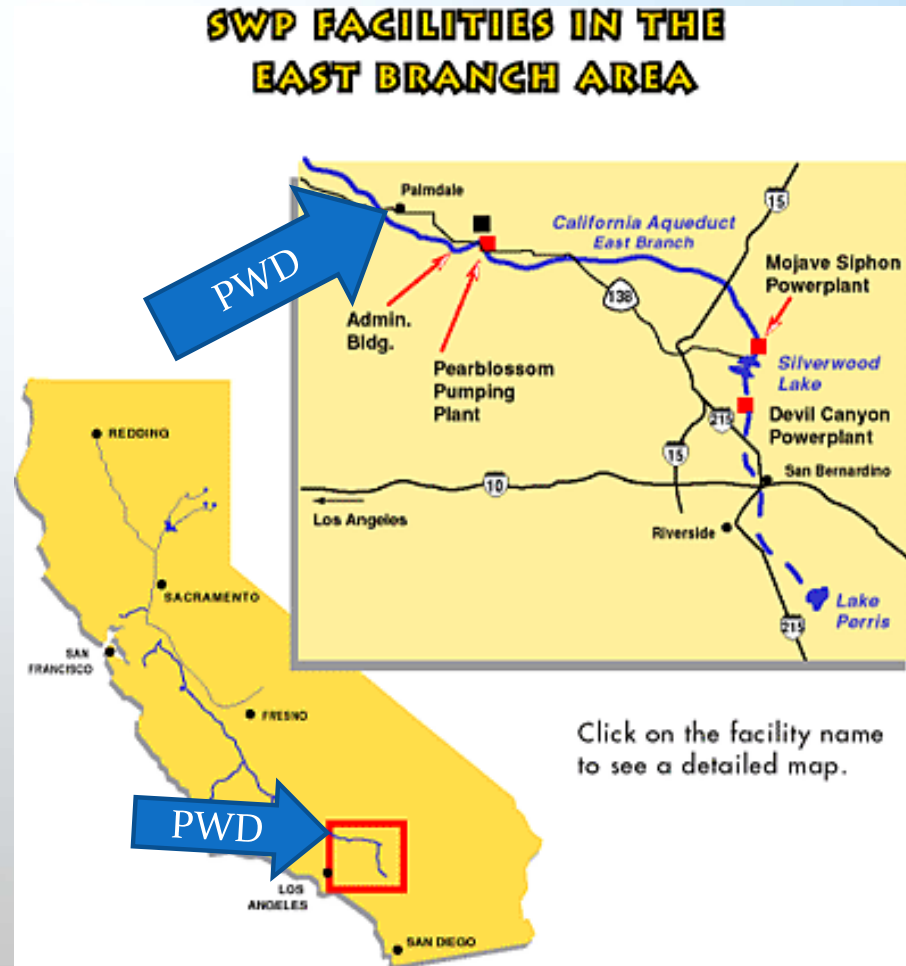
Yesterday

Today

Tomorrow

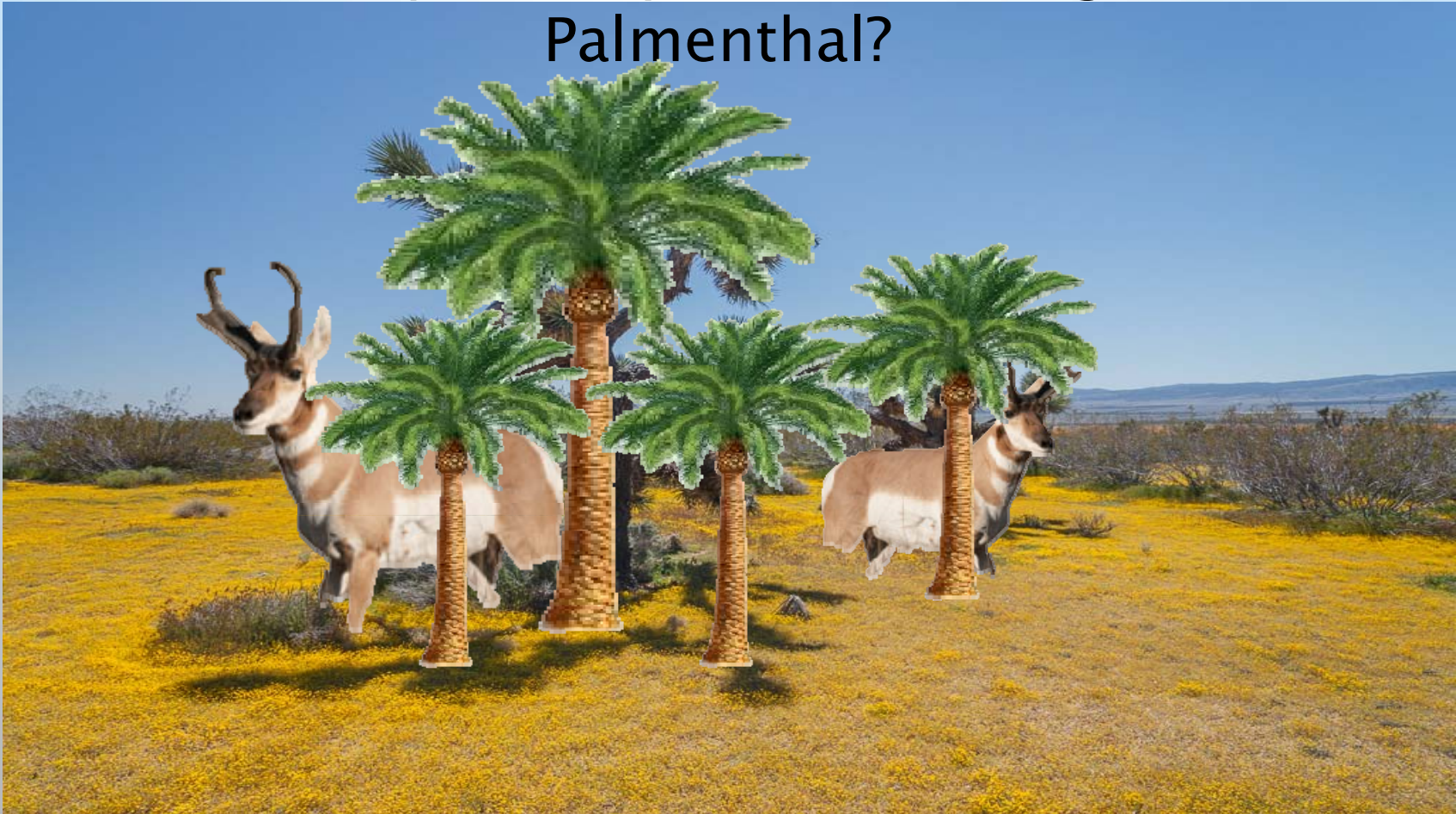
WHERE?

- EAST BRANCH OF SWP
- LOS ANGELES COUNTY
- ANTELOPE VALLEY
- CITY OF



INTERESTING BUT IRRELEVANT

Antelope Valley and The Village of Palmenthal?



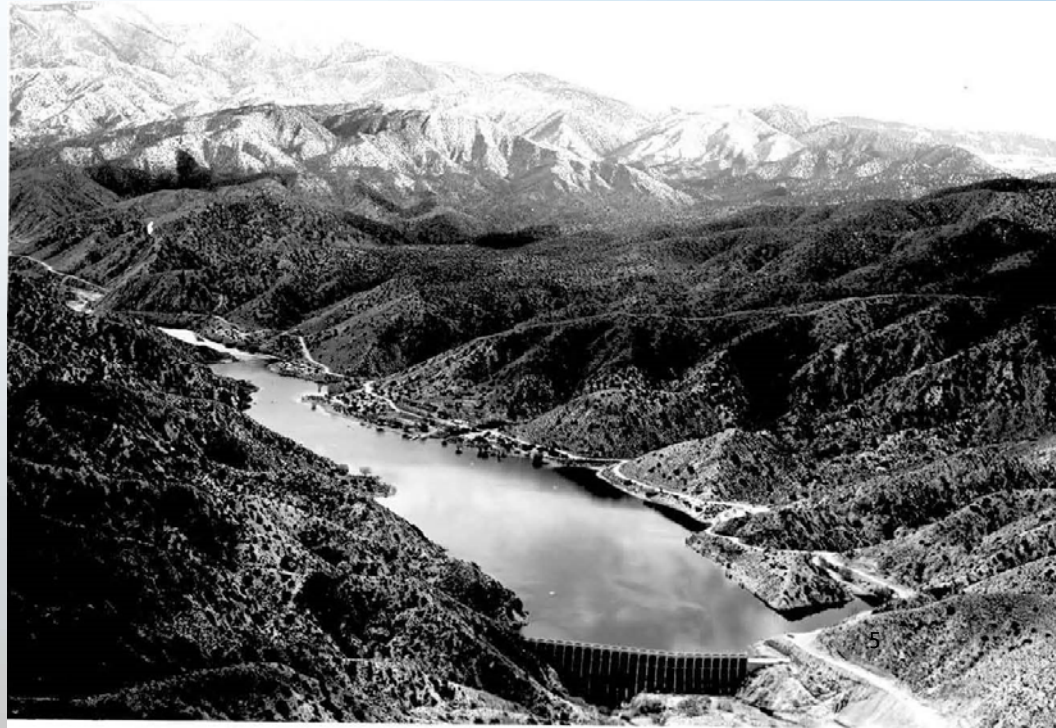
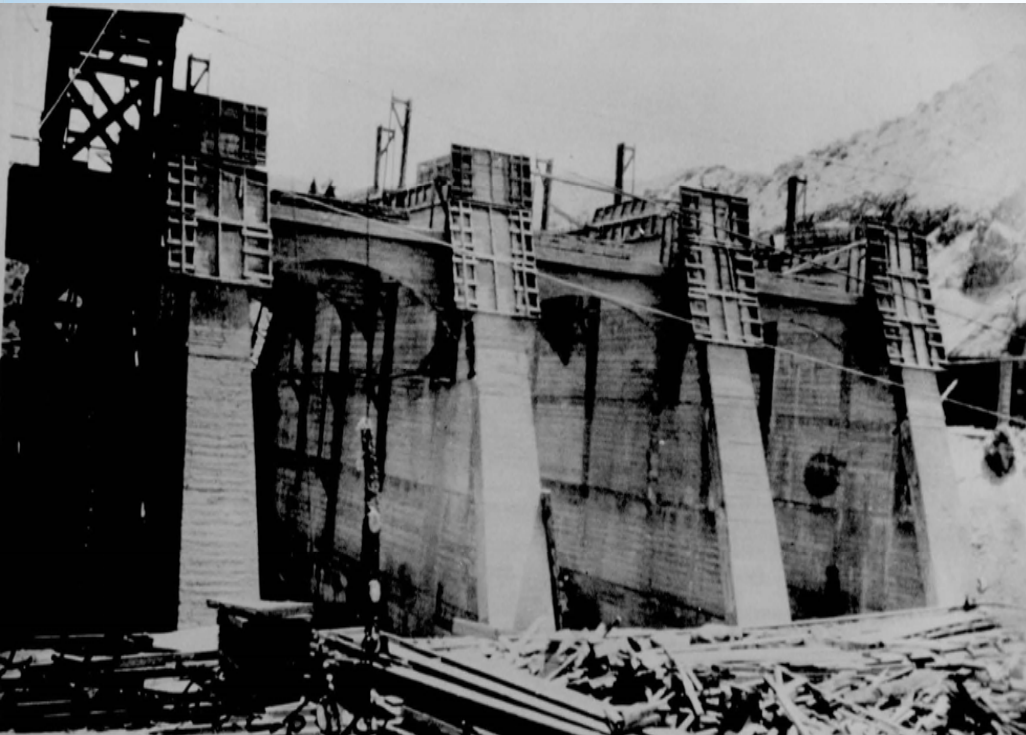
CLIMATE

- High Desert
- Low precipitation
- High winds
- Summer temps as high as 115 F
- Winter temps as low as 13 F

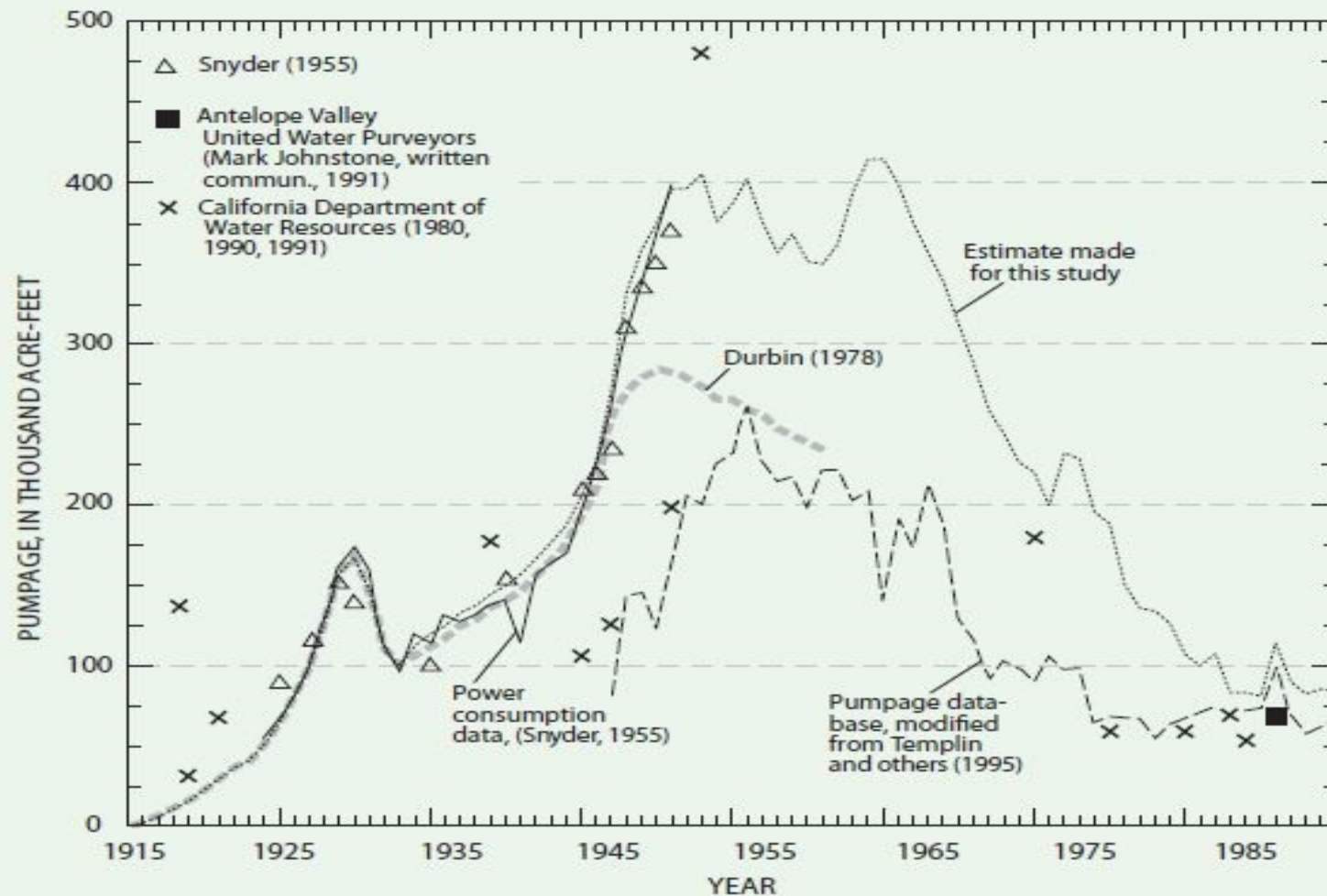


BACK IN THE OLD DAYS

Palmdale Irrigation District Formed in 1918



AGRICULTURE BOOM 1910-1960

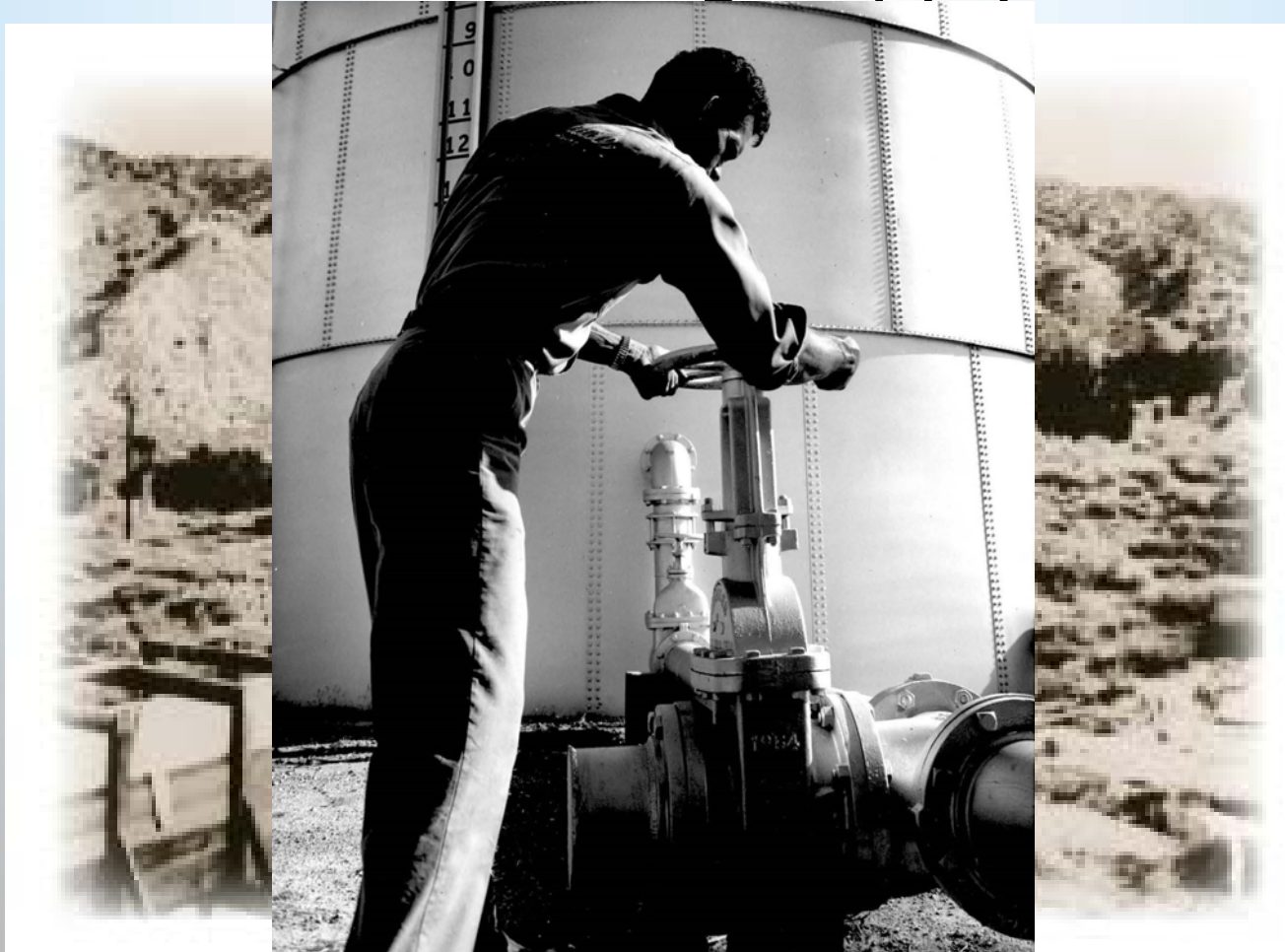


ANTELOPE VALLEY 1950'S- TRANSITIONS

From The Final Frontier.....



PALMDALE IRRIGATION DISTRICT 1950'S- To Domestically



PID 1963-SWP AGREEMENT



1973-PID BECOMES PWD



MORE RECENT MILESTONES

1985–First Delivery from SWP into Lake Palmdale

1987–Completion of Drinking Water Treatment Plant

1992–Expansion of WTP from 12 MGD to 28 MGD

1994–Completion and Expansion of Littlerock Dam to 3700 AF Capacity

2004– Installation of 950 KW Net Metered Wind Turbine at WTP Site

2009–Upgrade and Expansion of WTP to 35 MGD–Efficient GAC Polishers for TTHM Control



SOURCES

Littlerock Reservoir

- Originally constructed 1924
- Joint share in water supply with Littlerock Creek Irrigation District
- Reservoir capacity of 3700 AF
- Annual yield to PWD 500–4000 AF
- Accounts for 10% of water supply.



SOURCES

Ground Water



- 24 active groundwater wells
- Annual production between 9,000 AF–12,000 AF
- Accounts for 40% of total water delivered.
- High quality water requiring disinfection₁₃ only.

SOURCES

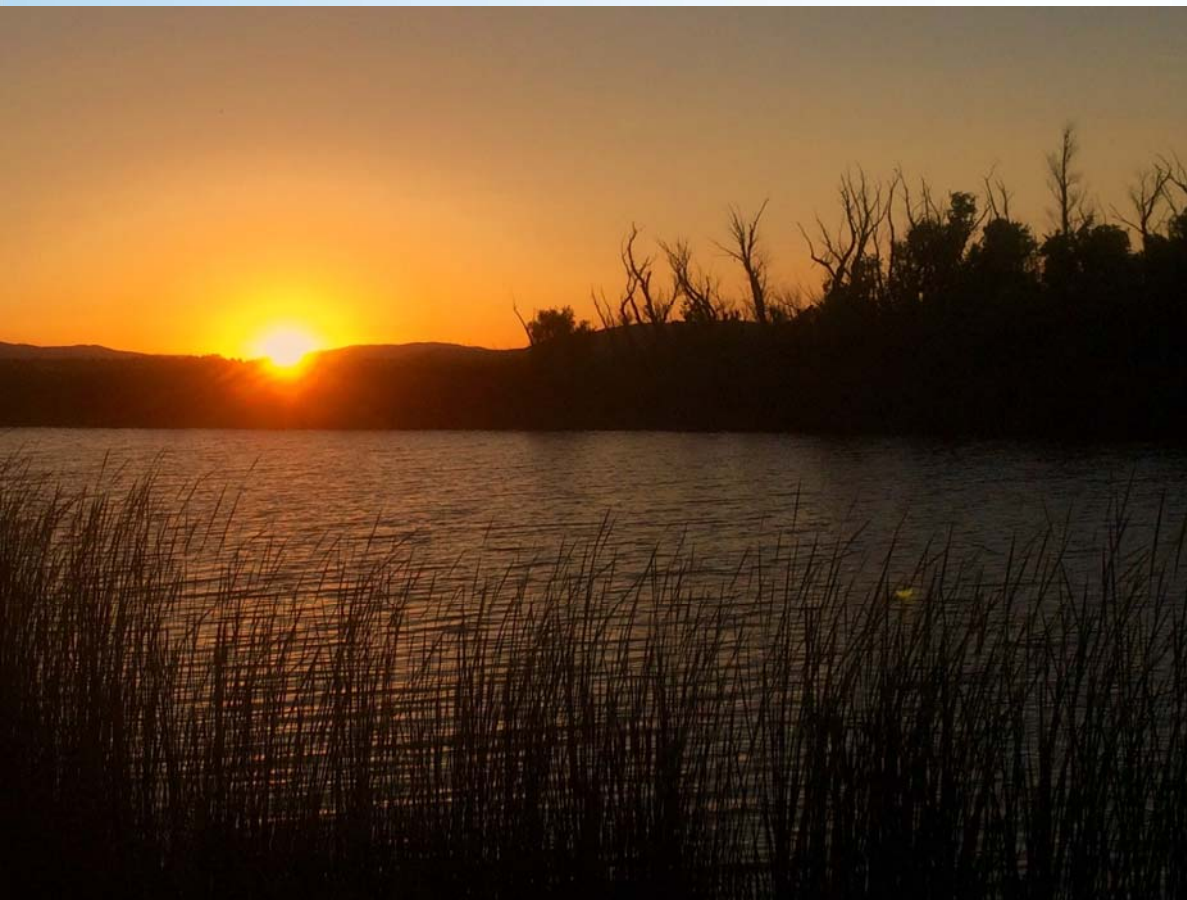
State Water Project

- Table A allotment of 21,300AF
- Delivered into Lake Palmdale through 250 KW hydro turbine
- Accounts for 50% of water supply



RESERVOIR

Lake Palmdale



- Receives water from both Littlerock reservoir and state water project.
- 4,100 AF capacity
- Equipped with seven SolarBees to reduce algal blooms
- Is home to the Fin and Feather private fishing and hunting club
- Delivers surface water to PWD's Leslie O. Carter water

INTERESTING BUT IRRELEVANT

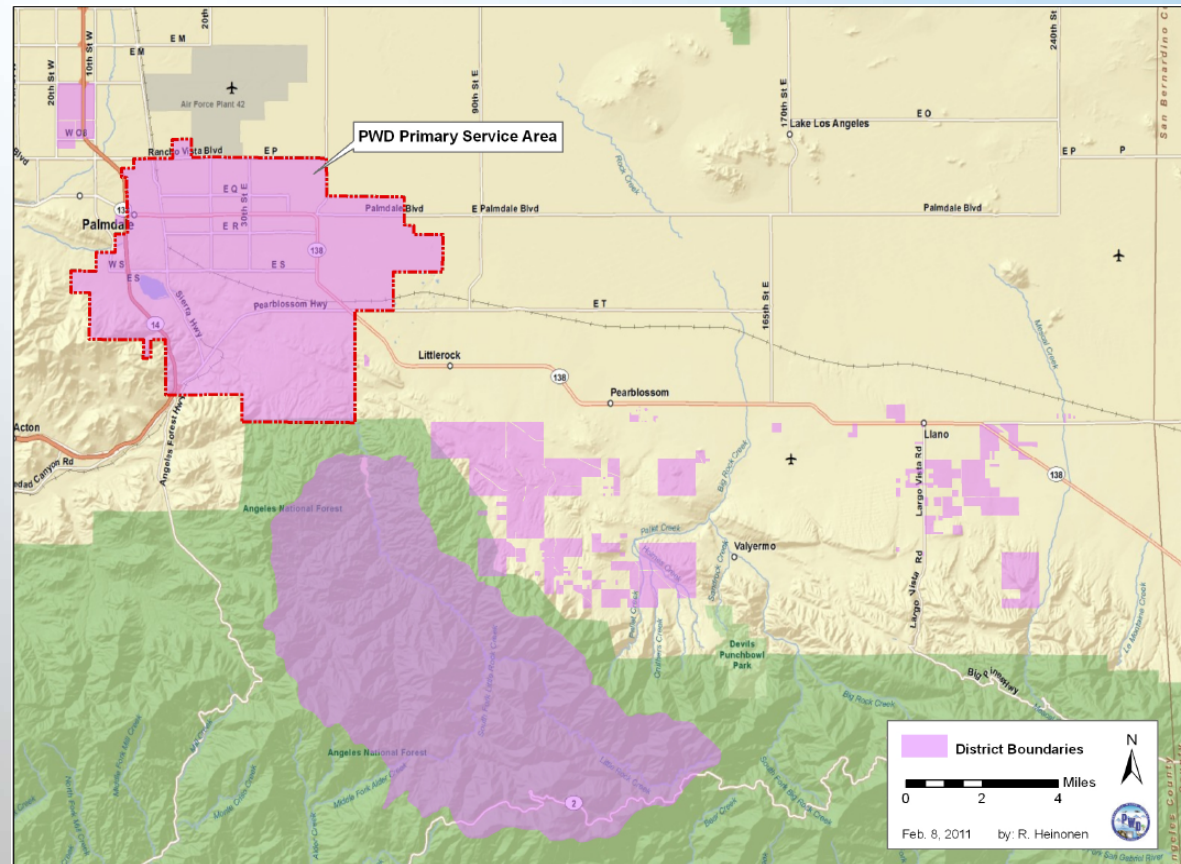
Lake Palmdale's Legendary Evil Neighbor



PALMDALE WATER DISTRICT TODAY

Vital Statistics

- Provides Retail Service to a Population of 118,000
- 28,000 Service connections
- Primary Service Area Covers 46 Square Miles



PALMDALE WATER DISTRICT TODAY

Vital Statistics

- Economy and local growth are still impacted by aerospace
- Commuter community to Los Angeles



RECENT CHALLENGES

DROUGHT



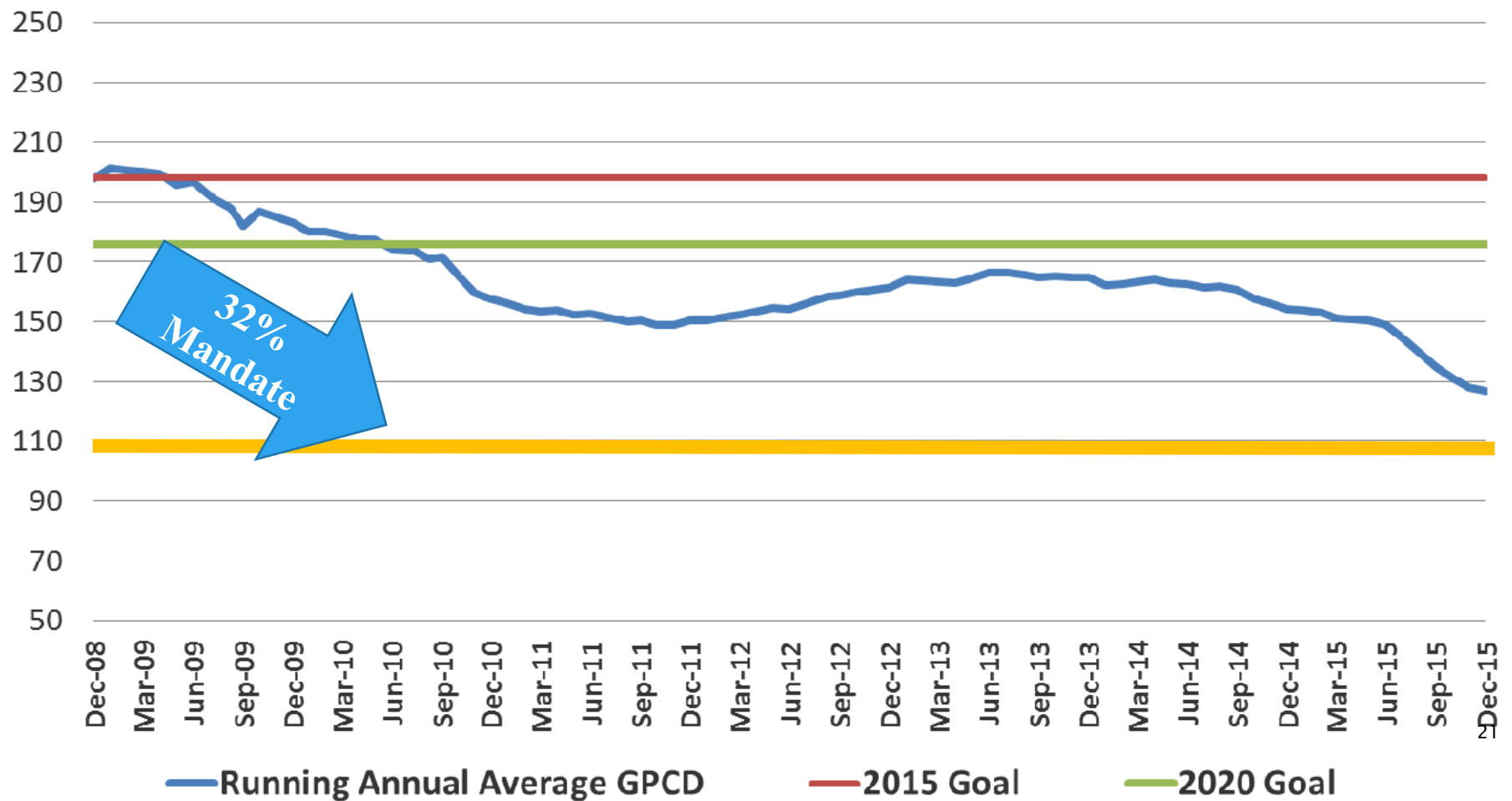
RECENT CHALLENGES

Conservation



- 2008 GPCD of 230
- 2009 Adoption of Tiered Rate Structure
- Hit SBX7-7 target in 2010
- 2013 GPCD of 160
- Low Usage for High Desert Climate
- 2015 32% Reduction Mandate
- Wide Spread Messaging and Surcharge reduced GPCD below 130 in 2015
- Still Did Not Hit Mandated Target

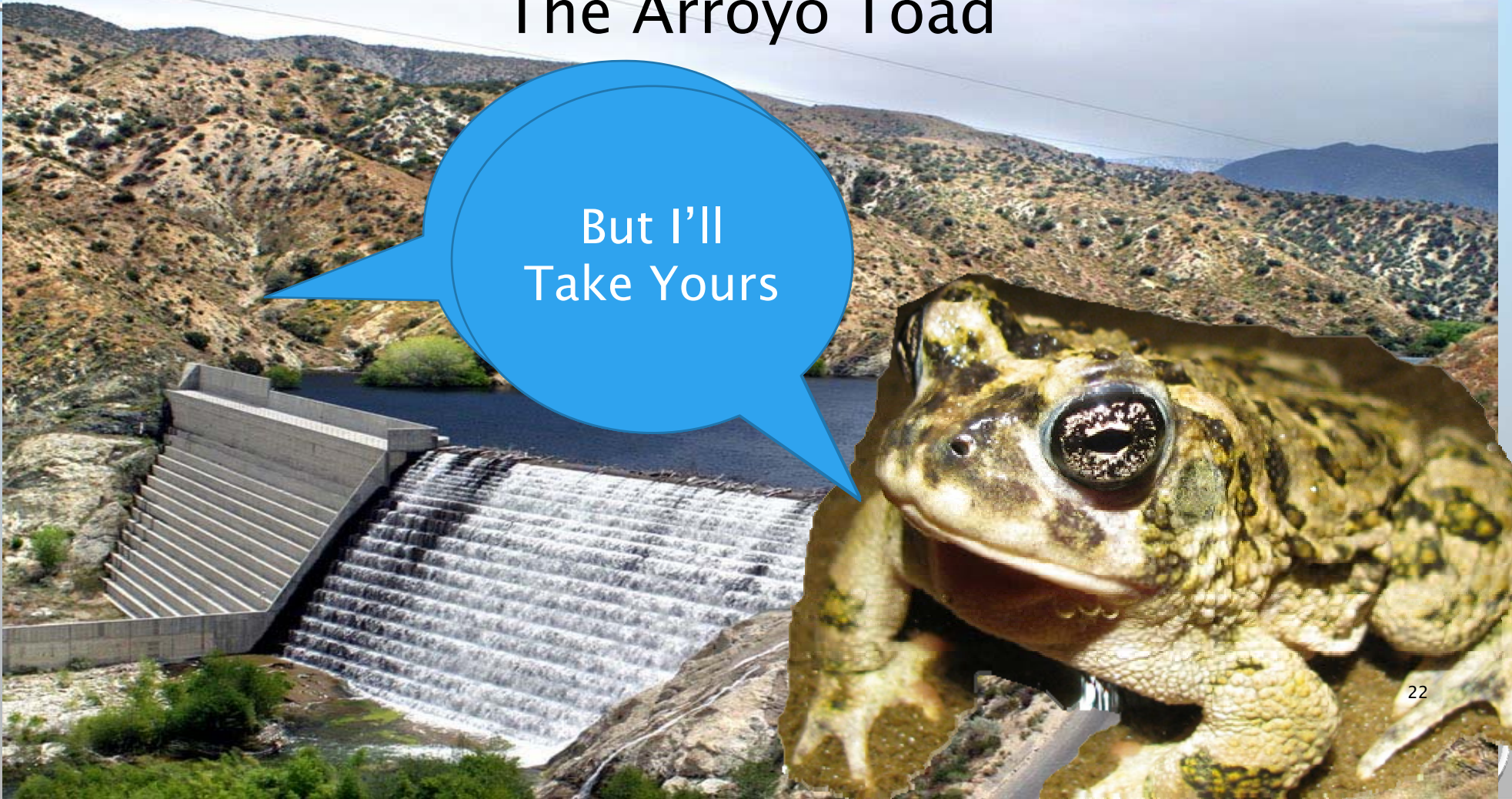
PWD 12-Month Running Average Total Per Capita Water Use



CURRENT CHALLENGES

The Arroyo Toad

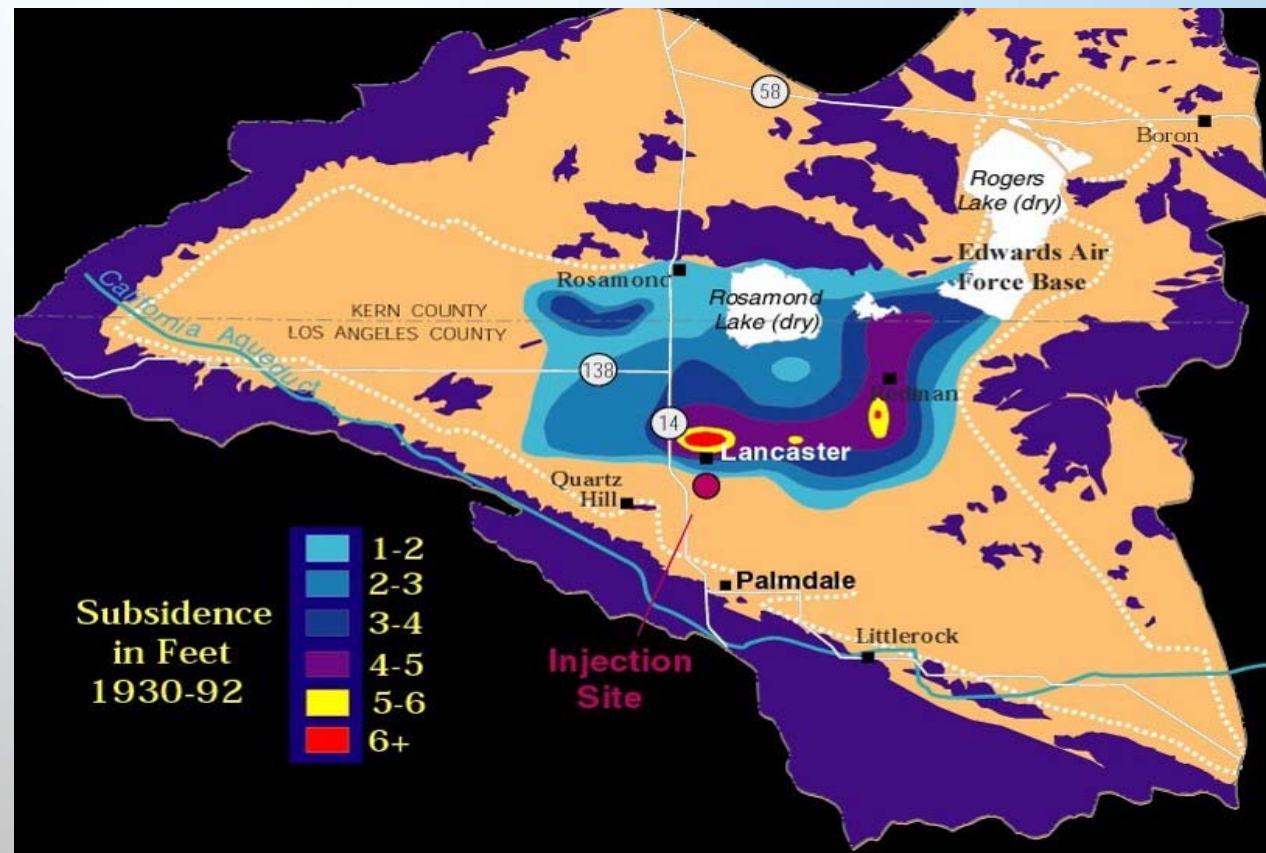
But I'll
Take Yours



CURRENT CHALLENGES

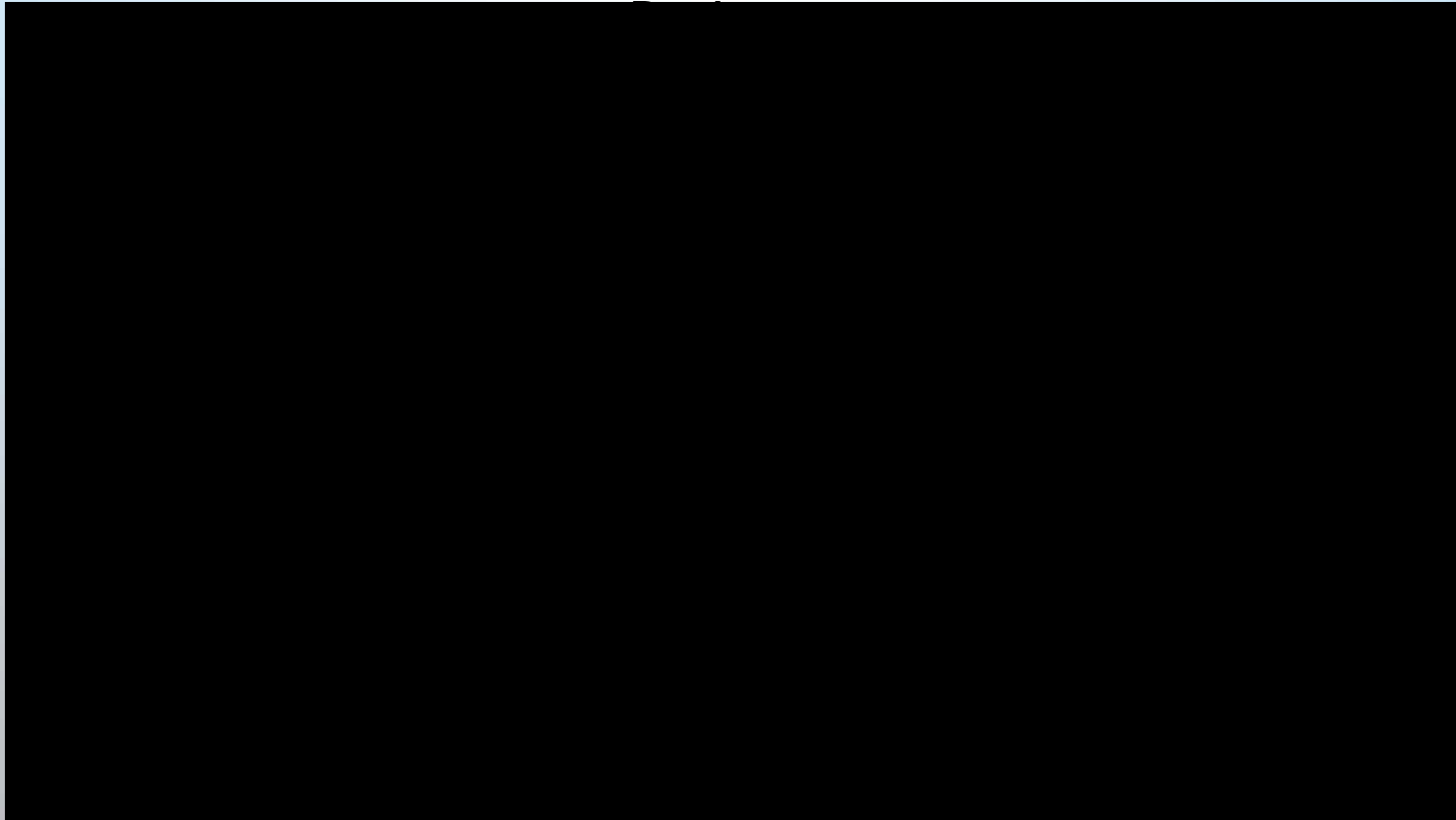
Ground Water Adjudication

- Settled in 2015
- Significantly ramps down all parties pumping over the next 6 years.



PWD FUTURE

Palmdale Regional Groundwater Recharge and Recovery





PALMDALE WATER DISTRICT BOARD MEMORANDUM

DATE: December 6, 2016 **December 14, 2016**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Mr. Bob Egan, Financial Advisor
RE: ***AGENDA ITEM NO. 6.4 – APPROVAL OF RESOLUTION NO. 16-18 BEING A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT ESTABLISHING ITS INVESTMENT POLICY***

Recommendation:

It is recommended that the Board of Directors approve Resolution No. 16-18 Establishing the Palmdale Water District's Investment Policy.

Resolution No. 16-18 will be presented to the Finance Committee for consideration at their December 13, 2016 meeting.

Background:

It is required by law for the District to adopt an annual Investment Policy. There is one recommended change from the previous Investment Policy under Item No. 8.0.d to increase purchases of negotiable certificates of deposit to a may-not-exceed amount of 40% from last year's amount of 35%. The District's cds are all at different institutions, are all below the insured limit of \$250,000, and there is no loss exposure.

The Policy is to invest funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of the District and conforming to all statutes governing the investment of District funds with the primary objectives of the investment activities being safety, liquidity, and return on investments.

Strategic Plan Initiative:

Strategic Initiative 4 –Financial Health and Stability

Budget:

Adoption of Resolution No. 16-18 will have no financial impact.

Supporting Documents:

- Resolution No. 16-18 – A Resolution of the Board of Directors of the Palmdale Water District Establishing its Investment Policy.

RESOLUTION NO. 16-18

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT ESTABLISHING ITS INVESTMENT POLICY

1.0 POLICY

WHEREAS; the Legislature of the State of California has declared that the deposit and investment of public funds by local officials and local agencies is an issue of statewide concern; and

WHEREAS; the legislative body of a local agency may invest monies not required for the immediate necessities of the local agency in accordance with the provisions of California Government Code Sections 5922 and 53601 et seq.; and

WHEREAS; the Deputy Treasurer of the Palmdale Water District ("District") shall annually prepare and submit a statement of investment policy and such policy, and any changes thereto, and report same to the Finance Committee, and it shall be considered by the Board of Directors at a public meeting;

NOW THEREFORE; it shall be the policy of the District to invest funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of the District and conforming to all statutes governing the investment of District funds.

2.0 SCOPE

This investment policy applies to all financial assets of the District. These funds are accounted for in the annual district audit.

3.0 PRUDENCE

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

4.0 OBJECTIVES

When investing, reinvesting, purchasing, acquiring, exchanging, selling and managing public funds, the primary objectives, in priority order, of the investment activities shall be:

1. Safety: Safety of principal is the foremost objective of the investment program. Investments of the District shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, diversification is required in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio.

2. Liquidity: The investment portfolio will remain sufficiently liquid to enable the District to meet all operating requirements which might be reasonably anticipated.

3. Return on Investments: The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and the cash flow characteristics of the portfolio.

5.0 DELEGATION OF AUTHORITY

The authority to invest public funds is expressly delegated to the Board of Directors. The Board re-delegates the investment function to the Board President or Vice President and the Deputy Treasurer. The Board President or Vice President designate the District's Financial Advisor as the Deputy Treasurer who shall have the authority to act on behalf of the District with the concurrence of the Board Finance Committee.

The investment of the District's monies is annually delegated by the Board of Directors to the Board President or Vice President and Deputy Treasurer (District Financial Advisor) who shall thereafter assume full responsibility for those transactions until the delegation is revoked or expires. The Board President or Vice President shall delegate the day-to-day operations of investing to the Deputy Treasurer, but not the responsibility for the overall investment program. All transactions will be reviewed by the Finance Committee on a monthly basis to assure compliance with the Investment Policy. (California Government Code Section 53607.)

6.0 ETHICS AND CONFLICTS OF INTEREST

Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

7.0 AUTHORIZED FINANCIAL INSTITUTIONS AND DEALERS

The Deputy Treasurer will maintain a list of financial institutions, selected on the basis of credit worthiness, financial strength, experience and minimal capitalization authorized to provide investment services. In addition, a list will also be maintained of approved security broker/dealers selected by credit worthiness who are authorized to provide investment and financial advisory services in the State of California. No public deposit shall be made except in a qualified public depository as established by state laws.

For brokers/dealers of government securities and other investments, the District shall select only broker/dealers who are licensed and in good standing with the California Department of Securities, the Securities and Exchange Commission, the Financial Industry Regulatory Authority (FINRA) or other applicable self-regulatory organizations.

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

8.0 AUTHORIZED AND SUITABLE INVESTMENTS

The District is empowered by California Government Code 53601 et seq. to invest in the following:

- a. Bonds issued by the District.
- b. United States Treasury Bills, Notes and Bonds.
- c. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by, or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises.
- d. Negotiable certificates of deposit issued by a nationally or state-chartered bank, a savings association or a federal association (as defined by Section 5102 of the Financial Code), or by a state-licensed branch of a foreign bank. Purchases of negotiable certificates of deposit may not exceed 40% of the District's money which may be invested pursuant to this policy.
- e. Monies held by a trustee or fiscal agent and pledged to the payment or security of bonds or other indebtedness, or obligations under a lease, installment sale, or other agreement of a local agency, or certificates of participation in those bonds, indebtedness, or lease installment sale, or other agreements, may be invested in accordance with the statutory provisions governing the issuance of those bonds, indebtedness, or lease installment sale, or other agreement, or to the extent not inconsistent

therewith or if there are no specific statutory provisions, in accordance with the ordinance, resolution, indenture, or agreement of the local agency providing for the issuance.

- f. Bonds, notes, warrants or other evidence of debt issued by a local agency within the State of California, including pooled investment accounts sponsored by the State of California, County Treasurers, other local agencies or Joint Powers Agencies.

Such investments shall be limited to securities that at the time of the investment have a term remaining to maturity of five years or less, or as provided above.

The District shall not invest any funds covered by this Investment Policy in inverse floaters, range notes, interest-only strips derived from mortgage pools or any investment that may result in a zero interest accrual if held to maturity.

9.0 COLLATERALIZATION

All certificates of deposit must be collateralized by United States Treasury Obligations. Collateral must be held by a third party trustee and valued on a monthly basis. The percentage of collateralizations on repurchase and reverse agreements will adhere to the amount required under California Government Code 53601(j)(2).

10.0 SAFEKEEPING AND CUSTODY

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

11.0 DIVERSIFICATION

The District will diversify its investments by security type and institution. Assets shall be diversified to eliminate the risk of loss resulting from over concentration of assets in a specific maturity, a specific issuer or a specific class of securities.

Diversification strategies shall be reviewed and revised periodically. In establishing specific diversification strategies, the following general policies and constraints shall apply:

- a. Portfolio maturity dates shall be matched versus liabilities to avoid undue concentration in a specific maturity sector.
- b. Maturities selected shall provide for stability of income and liquidity.
- c. Disbursement and payroll dates shall be covered through maturities of investments, marketable United States Treasury bills or other cash equivalent instruments such as money market mutual funds.

12.0 REPORTING

The Deputy Treasurer, after review by the Finance Committee, shall submit to each member of the Board of Directors an investment report at least quarterly. The report shall include a complete description of the portfolio, the type of investments, the issuers, maturity dates, par values and the current market values of each component of the portfolio, including funds managed for District by third party contracted managers. The report will also include the source of the portfolio valuation. For funds which are placed in LAIF, FDIC-insured accounts and/or in a county investment pool, the foregoing report elements may be replaced by copies of the latest statements from such institutions. The report must also include a certification that (1) all investment actions executed since the last report have been made in full compliance with the Investment Policy, and (2) the District will meet its expenditure obligations for the next six months. The Deputy Treasurer shall maintain a complete and timely record of all investment transactions.

13.0 INVESTMENT POLICY ADOPTION

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

PASSED, APPROVED, AND ADOPTED at a Regular Meeting of the Board of Directors of Palmdale Water District held on December 14, 2016. Resolution No. 16-18 was adopted by the following vote:

AYES:

NOES:

ABSTAIN:

President, Board of Directors
Palmdale Water District

ATTEST:

Secretary of the Board of Directors

APPROVED AS TO FORM:

Aleshire & Wynder, General Counsel

STATE OF CALIFORNIA)
)
COUNTY OF LOS ANGELES) ss.

I, Joe Estes, Secretary of the Palmdale Water District, DO HEREBY CERTIFY that the foregoing is a full, true and correct copy of Resolution No. 16-18 of the Board of Directors of Palmdale Water District adopted at a Regular Meeting held on December 14, 2016 and that the same has not been amended or repealed.

Secretary, Board of Directors
Palmdale Water District

DATED: _____

(S E A L)

**PALMDALE
WATER DISTRICT
BOARD MEMORANDUM**

DATE:	December 6, 2016	December 14, 2016
TO:	BOARD OF DIRECTORS	Board Meeting
FROM:	Mr. Bob Egan, Financial Advisor	
RE:	<i>AGENDA ITEM NO. 7.1 – STATUS REPORT ON CASH FLOW STATEMENT AND CURRENT CASH BALANCES AS OF OCTOBER, 2016.</i>	

Attached is the Investment Funds Report and current cash balance as of October 31, 2016. The reports will be reviewed in detail at the Board meeting.

PALMDALE WATER DISTRICT INVESTMENT FUNDS REPORT October 31, 2016						
					October 2016	September 2016
CASH						
1-00-0103-100	Citizens - Checking				968,335.01	716,787.25
1-00-0103-200	Citizens - Refund				(1,600.00)	60.00
1-00-0103-300	Citizens - Merchant				74,806.17	66,372.10
Bank Total					1,041,541.18	783,219.35
1-00-0110-000	PETTY CASH				300.00	300.00
1-00-0115-000	CASH ON HAND				5,400.00	5,400.00
TOTAL CASH					1,047,241.18	788,919.35
INVESTMENTS						
1-00-0135-000	Local Agency Investment Fund			Acct. Total	11,824.34	11,806.40
1-00-0120-000 UBS Money Market Account General (SS 11469)						
	UBS RMA Government Portfolio				751,822.25	749,379.62
	UBS Bank USA Dep acct				250,000.00	250,000.00
	Accrued interest				7,577.61	7,005.03
					1,009,399.86	1,006,384.65
US Government Securities						
CUSIP #	Issuer	Maturity Date	Rate	PAR	Market Value	Market Value
912828SJ0	US Treasury Note	02/28/2017	0.87	1,000,000	1,001,790.00	1,002,100.00
				1,000,000	1,001,790.00	1,002,100.00
Certificates of Deposit						
	Issuer	Maturity Date	Rate	Face Value		
1	First Bank PR	11/07/2016	0.80	240,000	240,009.60	240,062.40
2	Compass Bank	02/07/2017	0.95	240,000	240,285.60	240,307.20
3	GE Cap Retail Bank	04/27/2017	1.84	200,000	200,948.00	201,084.00
4	Discover Bank	05/02/2017	1.73	240,000	241,298.40	241,488.00
5	Merrick Bank	06/12/2017	1.00	100,000	100,299.00	100,326.00
6	Level One Bank	06/19/2017	0.65	101,000	101,245.43	101,265.63
7	GE Cap Retail Bank	06/22/2017	1.78	200,000	201,538.00	201,710.00
8	Capitol One Bank	08/14/2017	1.20	240,000	241,063.20	241,065.60
9	Triumph Bank	09/26/2017	0.80	200,000	200,712.00	200,674.00
10	MB Finl Bank	10/26/2017	0.85	200,000	200,212.00	200,180.00
11	Bank United Miami	11/21/2017	1.20	240,000	241,123.20	241,161.60
				2,201,000	2,208,734.43	2,209,324.43
Acct. Total					4,219,924.29	4,217,809.08
1-00-1110-000 UBS Money Market Account Capital (SS 11475)						
	UBS Bank USA Dep acct				234,475.54	234,471.77
	UBS RMA Government Portfolio				-	-
Acct. Total					234,475.54	234,471.77
1-00-0125-000 UBS Access Account General (SS 11432)						
	UBS Bank USA Dep acct				250,000.00	245,710.30
	UBS RMA Government Portfolio				241,294.56	-
	Accrued interest				18,024.50	17,198.06
					509,319.06	262,908.36
US Government Securities						
CUSIP #	Issuer	Maturity Date	Rate	PAR	Market Value	Market Value
912828XF2	US Treasury Note	06/15/2018	1.125	1,000,000	1,004,880.00	1,006,210.00
912828KD1	US Treasury Note	02/15/2019	2.610	1,500,000	1,562,220.00	1,567,965.00
912828P53	US Treasury Note	02/15/2019	0.75	1,000,000	996,170.00	998,090.00
				3,500,000	3,563,270.00	3,572,265.00
Certificates of Deposit						
	Issuer	Maturity Date	Rate	Face Value		
1	Goldman Sachs Bk	11/07/2016	1.00	240,000	240,014.40	240,117.60
2	CIT Bank	11/06/2017	1.60	240,000	-	240,007.20
3	BMW Bank	11/15/2018	1.96	240,000	245,023.20	245,131.20
4	American Express	04/29/2019	1.44	240,000	243,722.40	243,784.80
5	Synchrony Bank	04/14/2020	1.83	240,000	246,556.80	246,564.00
				1,200,000	975,316.80	1,215,604.80
Acct. Total					5,047,905.86	5,050,778.16
Total Managed Accounts					9,514,130.03	9,514,865.41
1-00-1121-000 UBS Rate Stabilization Fund (SS 24016) - District Restricted						
	UBS Bank USA Dep acct				250,000.00	250,000.00
	UBS RMA Government Portfolio				230,323.40	230,315.57
Acct. Total					480,323.40	480,315.57
GRAND TOTAL CASH AND INVESTMENTS					11,041,694.61	10,784,100.33
Increase (Decrease) in Funds					257,594.28	
1-00-1130-000 2013A Bonds - Project Funds (BNY Mellon)						
Construction Funds					426,071.39	437,188.90

PALMDALE WATER DISTRICT
2016 Cash Flow Report (Based on Jan. 19, 2016 Approved Budget)

2016 Cash Flow Report (Based on Jan. 19, 2016 Approved Budget)														Budget 2017 Carryover Information
	January	February	March	April	May	June	July	August	September	October	November	December	YTD	
Total Cash Beginning Balance (BUDGET)	12,253,595	11,996,708	12,070,140	9,443,313	11,240,278	11,923,901	11,779,269	10,981,346	11,574,708	9,220,541	9,395,698	9,267,781		(805,960)
Total Cash Beginning Balance	12,253,595	12,534,672	12,719,333	10,275,232	12,340,454	13,316,414	12,675,338	12,028,366	12,724,061	10,784,100	11,041,695	10,509,501		
Budgeted Water Receipts	1,541,128	1,523,788	1,575,809	1,590,982	1,790,396	1,946,460	2,165,382	2,202,231	2,030,994	1,946,460	1,688,521	1,673,349	21,675,500	
Water Receipts	1,836,145	1,903,857	1,602,349	1,518,640	1,618,564	1,843,912	1,793,757	2,585,375	2,151,151	2,389,917	1,688,521	1,673,349	22,605,536	
DWR Refund (Operational Related)				1,718	28					2,029			3,775	
Other													-	
Total Operating Revenue (BUDGET)													-	
Total Operating Revenue (ACTUAL)	1,836,145	1,903,857	1,602,349	1,520,358	1,618,592	1,843,912	1,793,757	2,585,375	2,151,151	2,391,946	1,688,521	1,673,349	22,609,312	
Total Operating Expenses excl GAC (BUDGET)	(1,237,486)	(1,217,967)	(1,591,629)	(1,550,533)	(1,568,100)	(1,439,060)	(1,770,025)	(1,614,651)	(1,795,266)	(1,449,785)	(1,434,170)	(1,550,028)	(18,218,700)	
GAC (BUDGET)	(362,730)		(190,000)			(190,000)			(190,000)		(190,000)		(1,122,730)	
Operating Expenses excl GAC (ACTUAL)	(1,356,117)	(1,281,496)	(1,961,054)	(1,361,831)	(1,377,208)	(1,883,577)	(1,989,499)	(1,716,208)	(1,699,901)	(1,898,522)	(1,434,170)	(1,550,028)	(19,509,611)	
GAC	(62,730)	(183,290)	(275,135)								(190,000)	(190,000)	(901,154)	
Prepaid Insurance (paid)/refunded		(66,457)											(66,457)	
Total Operating Expense (ACTUAL)	(1,418,847)	(1,531,243)	(2,236,189)	(1,361,831)	(1,377,208)	(1,883,577)	(1,989,499)	(1,716,208)	(1,699,901)	(1,898,522)	(1,624,170)	(1,740,028)	(20,477,223)	
Non-Operating Revenue Expenses:														
Assessments, net (BUDGET)	664,439	253,955	14,289	2,027,090	739,781	11,042	75,342	127,302	-	-	129,251	2,452,512	6,495,000	
Actual/Projected Assessments, net	684,181	313,172	15,308	2,078,805	818,666	12,539	70,859	145,201	-	-	130,975	2,452,512	6,722,217	
RDA Pass-through (Successor Agency)					307,851								307,851	
Interest	3,168	4,991	9,069	8,540	9,385	9,296	9,120	10,254	12,926	9,536	2,915	2,935	92,135	
Market Adjustment	7,983	(12,780)	7,384	(3,392)	(4,736)	19,028	(5,943)	(15,778)	(1,597)	(10,183)			(20,014)	
Grant Re-imbursement						306,915						177,000	483,915	
Capital Improvement Fees							234,459						234,459	
DWR Refund (Capital Related)				98,537	37,228					81,905			217,670	
Other	3,415	26	590	(202)	(33)	89	21,976	324	3	(9)	8,330	8,370	42,878	
Total Non-Operating Revenues (BUDGET)													-	
Total Non-Operating Revenues (ACTUAL)	698,746	305,408	32,351	2,182,288	1,168,361	347,866	330,472	140,001	11,333	81,248	142,220	2,640,817	8,081,112	
Non-Operating Expenses:														
Budgeted Capital Expenditures	(514,999)	(306,567)	(287,878)	(40,796)	(48,676)	(26,296)	(91,743)	(91,743)	(91,743)	(91,743)	(91,744)	(918,263)	(2,602,191)	
Actual/Projected Capital Expenditures	(93,505)	(302,341)	(24,615)	(62,302)	(242,404)	(31,036)	(43,219)	(122,092)	(82,788)	(129,494)	(339,385)	(275,736)	(1,748,917)	
WRB Capital Expenditures	-	-	-	-	-	-	-	-	-	-	-	(444,629)	(444,629)	
Uncommitted Capital Expenditures	-	-	-	-	-	-	-	-	-	-	(208,000)	(280,000)	(488,000)	
SWP Capitalized	(717,495)	(170,388)	(196,069)	(170,390)	(170,390)	(170,390)	(717,492)	(170,390)	(201,804)	(170,288)	(170,388)	(170,388)	(3,195,872)	
Butte County Water Transfer						(726,859)						(726,859)	(1,453,719)	
Bond Payments - Interest			(1,084,814)						(1,076,522)				(2,161,336)	
Principal			(537,114)						(1,020,439)				(1,557,553)	
Capital leases - Go West (2012 Lease)	(17,296)	(17,296)	-	(35,624)	(17,296)	(17,296)	(17,296)	(17,296)	(17,296)	(17,296)	(17,296)	(17,296)	(208,585)	
Capital leases - Wells Fargo (Printer Lease)	(6,672)	(3,336)	-	(7,277)	(3,695)	(3,695)	(3,695)	(3,695)	(3,695)	-	(3,695)	(3,695)	(43,151)	
Total Non-Operating Expenses (ACTUAL)	(834,969)	(493,362)	(1,842,612)	(275,592)	(433,785)	(949,277)	(781,702)	(313,474)	(2,402,544)	(317,078)	(738,764)	(1,918,603)	(11,301,761)	
Total Cash Ending Balance (BUDGET)	11,996,708	12,070,140	9,443,313	11,240,278	11,923,901	11,779,269	10,981,346	11,574,708	9,220,541	9,395,698	9,267,781	10,300,285		
Total Cash Ending Balance (ACTUAL)	12,534,672	12,719,333	10,275,232	12,340,454	13,316,414	12,675,338	12,028,366	12,724,061	10,784,100	11,041,695	10,509,501	11,165,036		
											Budget	10,300,285		
											Difference	864,751		
Indicates actual expenditures/revenues:														
Indicates anticipated expenditures/revenues:														

PALMDALE WATER DISTRICT BOARD MEMORANDUM

DATE: December 7, 2016 **December 14, 2016**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Michael Williams, Finance Manager/CFO
VIA: Mr. Dennis LaMoreaux, General Manager
RE: ***AGENDA ITEM 7.2 – STATUS REPORT ON FINANCIAL STATEMENTS, REVENUE, AND EXPENSE AND DEPARTMENTAL BUDGET REPORTS FOR OCTOBER, 2016***

Discussion:

Presented here are the Balance Sheet and Profit/Loss Statement for the period ending October 31, 2016. Also included are Year-To-Year Comparisons and Month-To-Month Comparisons for both revenue and expense. Finally, I have provided individual departmental budget reports for the month of October, 2016.

This is the tenth month of the District's Budget Year 2016. The target percentage is 83%. Revenues ideally are at or above, and expenditures ideally are below.

Balance Sheet:

- Page 1 is our balance sheet on October 31, 2016.
- There isn't any significant change from prior month. Total assets dropped by only \$184K. Not much movement.

Profit/Loss Statement:

- Page 3 is our profit/loss statement on October 31, 2016.
- Operating revenue is at 87% of budget.
- Cash operating expense is at 84% of budget.
- Net operating profit for the month of October was \$787K. Net operating profit year-to-date is at \$1.7MM.
- Page 6 is showing the distribution of operating expense between labor and operations. Labor costs continue at 51% of total expenses with salaries making up 34% of that.

Year-To-Year Comparison P&L:

- Page 7 is our comparison of October, 2015 to October, 2016.
- Total operating revenue was up \$212K, or 11%.
- Operating expenditures were down \$158K, or 10%.
- Page 7-1 is our comparison of October, 2014 to October, 2016.
- Total operating revenue was up \$84K, or 4%.
- Total operating expenses were down \$601, or 30%.

BOARD OF DIRECTORS
PALMDALE WATER DISTRICT

VIA: Mr. Dennis LaMoreaux, General Manager

-2-

December 7, 2016

- Page 8 and 8-1 is a graphic presentation of the water consumption comparison for 2015 and 2014, respectively.
 - Units billed in acre feet for 2015 comparison were up by 361, or 30%.
 - Total revenue per unit sold was down \$0.57, or 15%.
 - Total revenue per connection is up \$9.04, or 14%.
 - Units billed per connection is up 5.86, or 30%.
- Units billed in acre feet for 2014 comparison were down by 130, or 8%.
- Total revenue per unit sold is up \$0.37, or 13%.
- Total revenue per connection was down \$1.74, or 2%.
- Units billed per connection is down 2.28, or 8%.

Revenue Analysis Year-To-Date:

- Page 9 is our comparison of revenue, year-to-date.
- Operating revenue through October, 2016 is up \$1.09MM, or 6%.
- Retail water revenue from all areas are up by \$814K from last year. That's shown by the combined green highlighted area.
- Retail water sales, including the drought surcharge but excluding meter fees, is up \$956K.
- Total revenue is up \$1.6MM. This is due primarily to grant funding and the drought surcharge.
- Operating revenue is at 87% of budget; last year was at 76% of budget. However, our 2016 revenue budget is \$1.5MM less than 2015.

Expense Analysis Year-To-Date:

- Page 11 is our comparison of expense, year-to-date.
- Cash Operating Expenses through October- 2016 are up \$673K, or 4%, compared to 2015.
- Total Expenses are down \$929K, or 3%. This is due primarily to a reduction in our depreciation expense.

Departments:

- Pages 14 through 24 are detailed individual departmental budgets for your review.

Non-Cash Definitions:

Depreciation: This is the spreading of the total expense of a capital asset over the expected life of that asset.

OPEB Accrual Expense: Other Post Employment Benefits (OPEB) is the recognized annual required contribution to the benefit. The amount is actuarially determined in accordance with the parameters of GASB 45. The amount represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year.

Bad Debt: The uncollectible accounts receivable that has been written off.

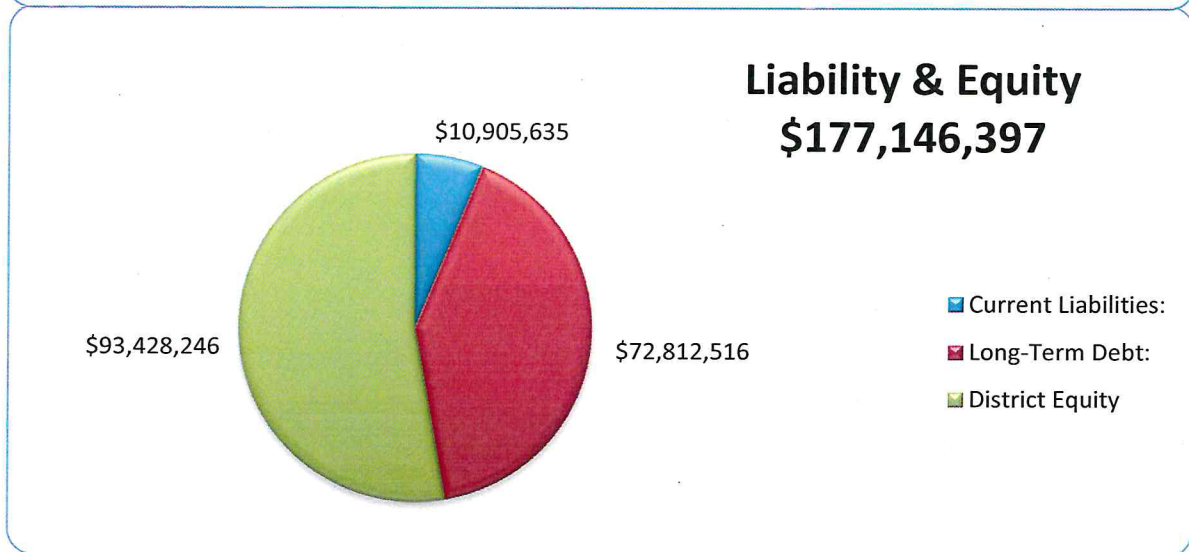
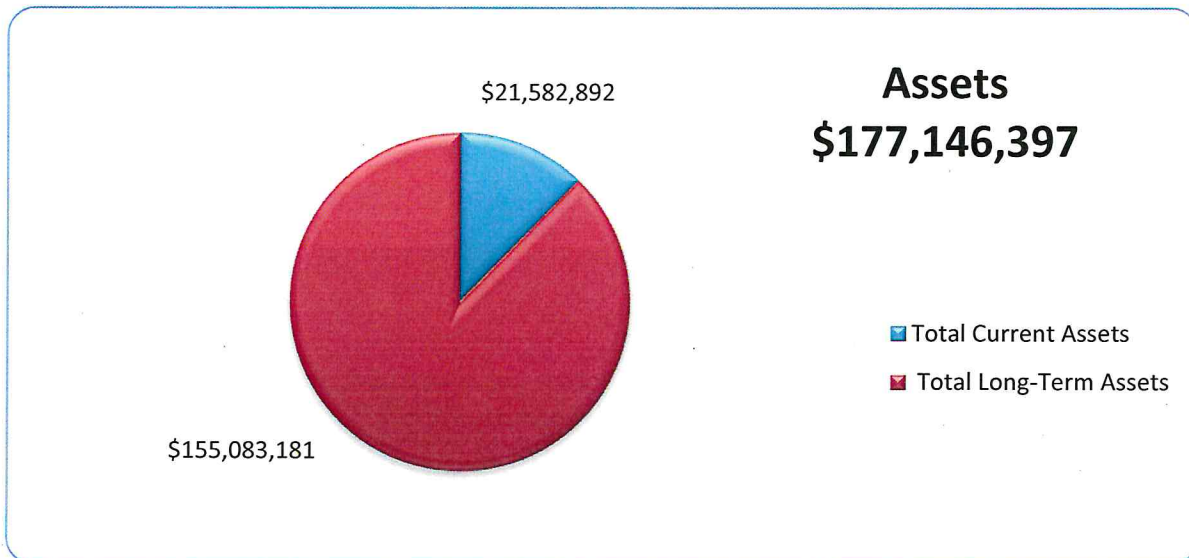
Service Cost Construction: The value of material, parts & supplies from inventory used to construct, repair and maintain our asset infrastructure.

Capitalized Construction: The value of our labor force used to construct our asset infrastructure.

Palmdale Water District
Balance Sheet Report
For the Ten Months Ending 10/31/2016

	October 2016	September 2016
ASSETS		
Current Assets:		
Cash and Cash Equivalents	\$ 1,047,241	\$ 788,919
Investments	9,514,130	9,514,865
2013A Bonds - Project Funds	426,071	437,189
	<u>\$ 10,987,443</u>	<u>\$ 10,740,974</u>
Receivables:		
Accounts Receivables - Water Sales	\$ 2,021,118	\$ 2,216,886
Accounts Receivables - Miscellaneous	29,487	33,277
Allowance for Uncollected Accounts	(196,113)	(196,113)
	<u>\$ 1,854,491</u>	<u>\$ 2,054,050</u>
Assessments Receivables	\$ 7,719,610	\$ 7,719,610
Meters, Materials and Supplies	784,963	711,388
Prepaid Expenses	236,386	261,412
Total Current Assets	\$ 21,582,892	\$ 21,487,434
Long-Term Assets:		
Property, Plant, and Equipment, net	\$ 109,640,680	\$ 109,893,458
Participation Rights in State Water Project, net	44,292,549	44,319,061
Investment in PRWA	229,923	229,923
2013A Bonds - Insurance & Surety Bond	215,227	215,894
CalPERS Contributions	704,801	704,801
	<u>\$ 155,083,181</u>	<u>\$ 155,363,137</u>
Restricted Cash:		
Rate Stabilization Fund	480,323	480,316
Total Long-Term Assets & Restricted Cash	\$ 155,563,504	\$ 155,843,452
Total Assets	\$ 177,146,397	\$ 177,330,886
LIABILITIES AND DISTRICT EQUITY		
Current Liabilities:		
Current Interest Installment of Long-term Debt	\$ 176,875	\$ 51
Current Principal Installment of Long-term Debt	521,351	536,903
Accounts Payable and Accrued Expenses	5,540,743	5,777,851
Deferred Assessments	4,666,667	5,250,000
Total Current Liabilities	\$ 10,905,635	\$ 11,564,805
Long-Term Debt:		
Pension-Related Debt	\$ 9,177,550	\$ 9,177,550
OPEB Liability	13,030,612	12,852,350
2013A Water Revenue Bonds	42,461,959	42,464,210
2012 - Certificates of Participation	8,095,109	8,088,311
2011 - Capital Lease Payable	47,286	47,286
Total Long-Term Liabilities	\$ 72,812,516	\$ 72,629,707
Total Liabilities	\$ 83,718,151	\$ 84,194,512
District Equity		
Revenue from Operations	\$ (1,227,151)	\$ (1,519,022)
Retained Earnings	94,655,397	94,655,397
Total Liabilities and District Equity	\$ 177,146,397	\$ 177,330,886

BALANCE SHEET AS OF OCTOBER 31, 2016



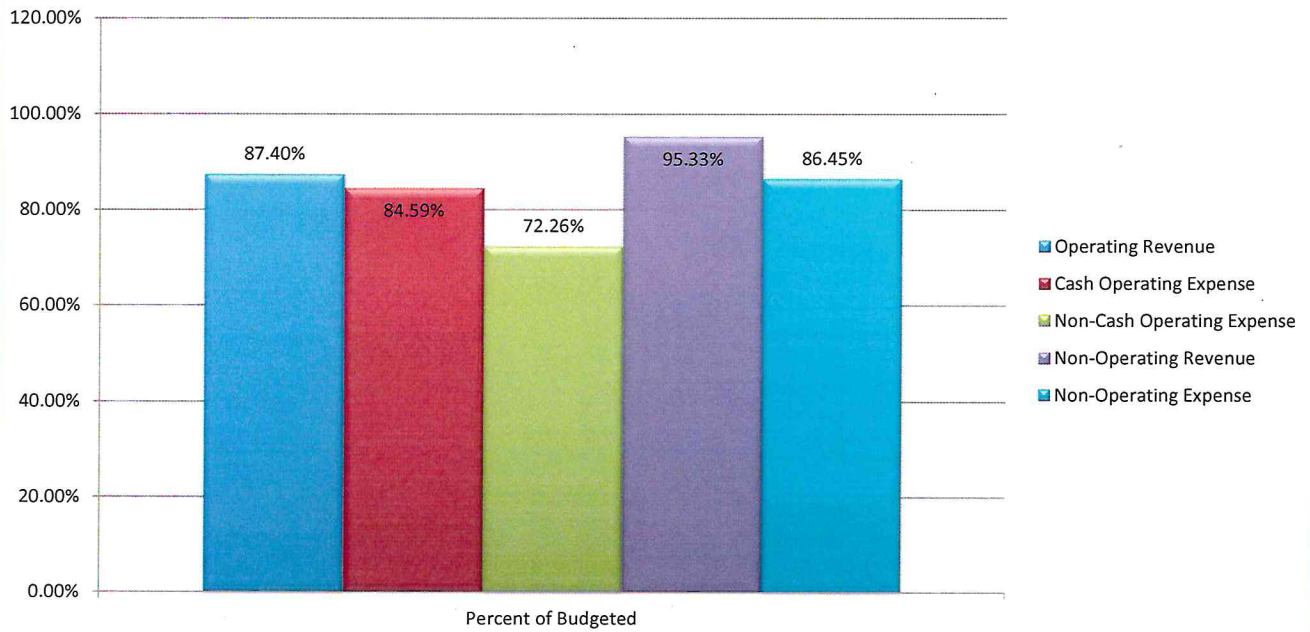
Palmdale Water District
Consolidated Profit and Loss Statement
For the Ten Months Ending 10/31/2016

	Thru September	October	Year-to-Date	Adjustments	Adjusted Budget	% of Budget
Operating Revenue:						
Wholesale Water	\$ 121,997	\$ 58,599	\$ 180,595		\$ 160,000	112.87%
Water Sales	5,065,002	740,713	5,805,716		7,242,000	80.17%
Meter Fees	9,132,883	1,015,021	10,147,904		12,079,000	84.01%
Water Quality Fees	647,619	87,619	735,238		934,500	78.68%
Elevation Fees	262,317	37,590	299,908		400,000	74.98%
Other (Page 3-1)	576,222	73,422	649,644		860,000	75.54%
Drought Surcharge	971,033	153,704	1,124,737		-	
Total Operating Revenue	\$ 16,777,074	\$ 2,166,668	\$ 18,943,743	\$ -	\$ 21,675,500	87.40%
Cash Operating Expenses:						
Directors	\$ 116,562	\$ 12,804	\$ 129,366		\$ 145,750	88.76%
Administration-Services	1,198,383	138,483	1,336,866		1,588,750	84.15%
Administration-District	1,112,633	103,540	1,216,174		1,612,750	75.41%
Engineering	908,530	96,103	1,004,633		1,279,250	78.53%
Facilities	4,929,945	430,188	5,360,133		6,513,750	82.29%
Operations	1,980,210	244,133	2,224,343		2,449,250	90.82%
Finance	908,961	94,658	1,003,619		1,168,250	85.91%
Water Conservation	189,209	16,405	205,614		239,250	85.94%
Human Resources	291,416	34,528	325,943		420,350	77.54%
Information Technology	559,160	42,596	601,757		867,750	69.35%
Customer Care	997,977	87,207	1,085,184		1,386,750	78.25%
Source of Supply-Purchased Water	1,704,190	(1,316)	1,702,874		1,725,000	98.72%
Plant Expenditures	401,293	80,231	481,524		-	
GAC Filter Media Replacement	521,064	-	521,064		934,500	55.76%
Total Cash Operating Expenses	\$ 15,819,535	\$ 1,379,559	\$ 17,199,094	\$ -	\$ 20,331,350	84.59%
Net Cash Operating Profit/(Loss)	\$ 957,539	\$ 787,109	\$ 1,744,648	\$ -	\$ 1,344,150	129.80%
Non-Cash Operating Expenses:						
Depreciation	\$ 4,238,196	\$ 454,907	\$ 4,693,103		\$ 7,200,000	65.18%
OPEB Accrual Expense	1,762,742	195,860	1,958,602		2,250,000	87.05%
Bad Debts	71,912	423	72,335		50,000	144.67%
Service Costs Construction	83,441	(3,909)	79,532		125,000	63.63%
Capitalized Construction	(460,791)	(110,037)	(570,828)		(1,000,000)	57.08%
Total Non-Cash Operating Expenses	\$ 5,695,499	\$ 537,244	\$ 6,232,744	\$ -	\$ 8,625,000	72.26%
Net Operating Profit/(Loss)	\$ (4,737,960)	\$ 249,865	\$ (4,488,095)	\$ -	\$ (7,280,850)	61.64%
Non-Operating Revenues:						
Assessments (Debt Service)	\$ 4,001,500	\$ 440,417	\$ 4,441,917		\$ 4,670,000	95.12%
Assessments (1%)	1,606,351	142,917	1,749,268		2,025,000	86.38%
DWR Fixed Charge Recovery	203,350	81,905	285,255		200,000	142.63%
Interest	66,918	(647)	66,271		35,000	189.35%
Capital Improvement Fees	234,459	-	234,459		50,000	468.92%
Grants - State and Federal	306,915	-	306,915		485,000	63.28%
Other	146,898	(9)	146,888		120,000	122.41%
Total Non-Operating Revenues	\$ 6,566,391	\$ 664,582	\$ 7,230,973	\$ -	\$ 7,585,000	95.33%
Non-Operating Expenses:						
Interest on Long-Term Debt	\$ 1,671,302	\$ 182,353	\$ 1,853,655		\$ 2,228,000	83.20%
Amortization of SWP	1,772,080	196,900	1,968,980		2,238,000	87.98%
Change in Investments in PRWA	105,316	-	105,316		-	
Water Conservation Programs	34,641	7,437	42,078		126,500	33.26%
Total Non-Operating Expenses	\$ 3,583,339	\$ 386,690	\$ 3,970,029	\$ -	\$ 4,592,500	86.45%
Net Earnings	\$ (1,754,908)	\$ 527,757	\$ (1,227,151)	\$ -	\$ (4,288,350)	28.62%

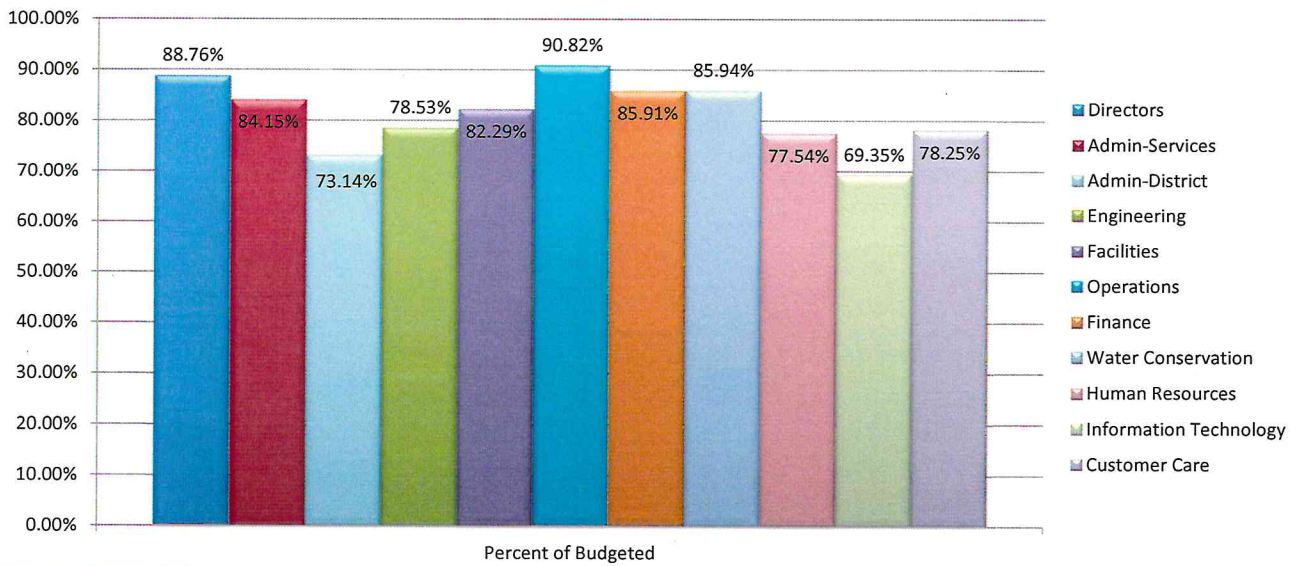
OTHER OPERATING REVENUE

	Current	YTD
Account Setup Charge(\$25)	\$4,000.00	\$39,110.00
Customer Request Turn On/Off(\$15)	\$0.00	\$75.00
Account Setup Charge/CC (\$35)	\$0.00	\$1,085.00
5/8" Meter W/Itron Assembly(\$212)	\$0.00	(\$212.00)
After Hours Service Call	\$0.00	\$620.00
Construction Meter Install(\$250)	\$500.00	\$1,250.00
Credit Check(\$10)	\$0.00	\$690.00
ERT (87.20)	\$0.00	\$87.20
Grind Down Angle Stop (\$230)	\$230.00	\$230.00
Lock Broken or Missing(\$15)	\$45.00	\$675.00
Miscellaneous Charge	\$1,152.96	\$2,120.01
Non-Compliance Fee Backflow(\$50)	\$50.00	\$1,050.00
Pulled Meter Service Charge(\$60)	\$60.00	\$1,200.00
Rejected Payment Notification	\$380.00	\$2,960.00
Repair Angle Stop After Hours(\$600.00)	(\$600.00)	\$1,200.00
Repair Angle Stop(\$440.00)	\$0.00	\$7,040.00
Shut-Off Charge(\$30)	\$5,940.00	\$61,230.00
Shut-Off Notice Fee (\$5)	\$11,905.00	\$91,325.00
Standard Trip Charge(\$15)	\$195.00	\$1,980.00
Waste Water 1st Notice(\$50.00)	\$50.00	\$6,350.00
Waste Water 2nd Notice (\$250.00)	\$0.00	(\$250.00)
Late Fees	\$45,795.64	\$351,797.56
NSF Fee	\$500.00	\$4,250.00

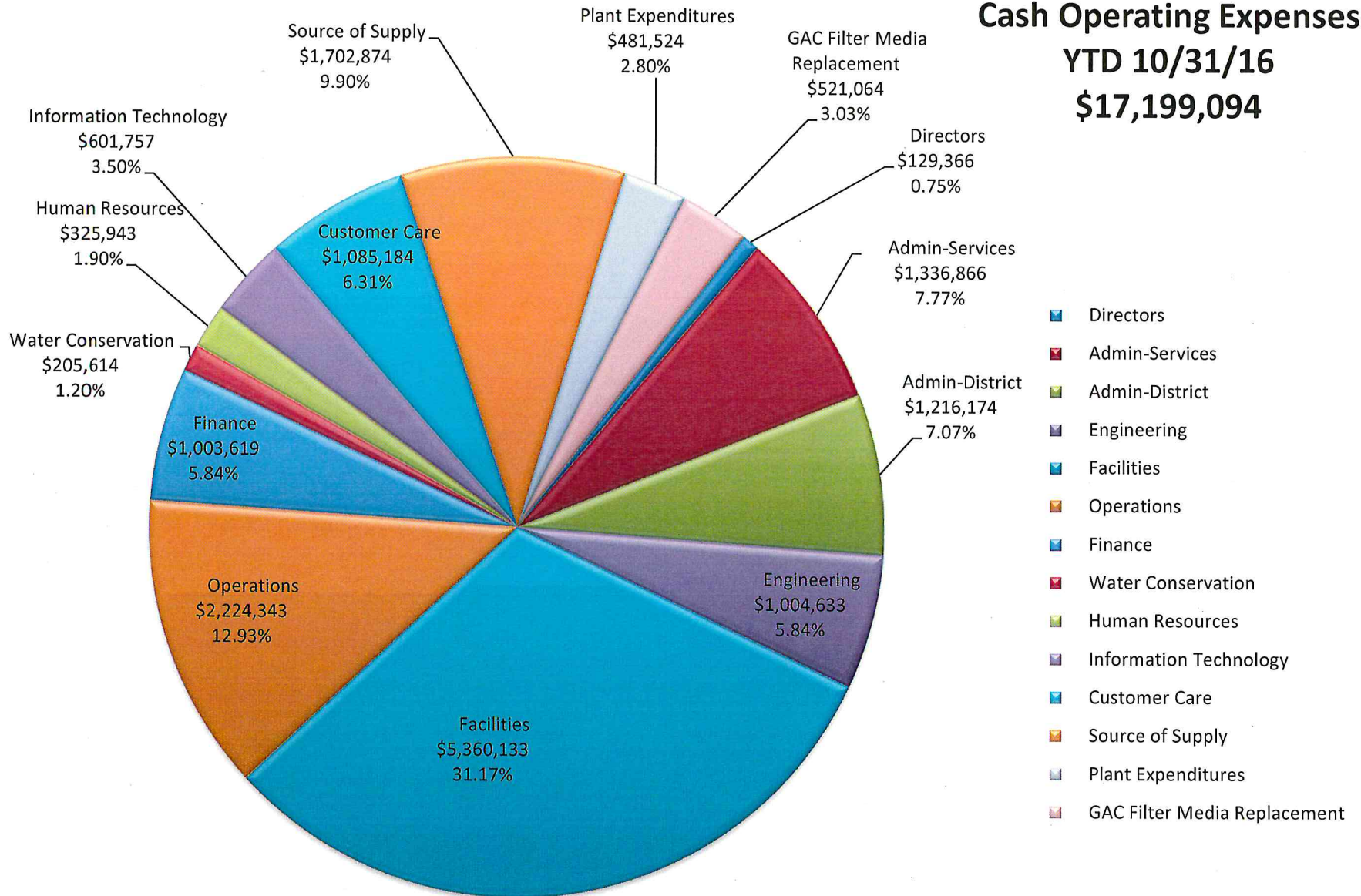
P & L BUDGET vs. ACTUAL



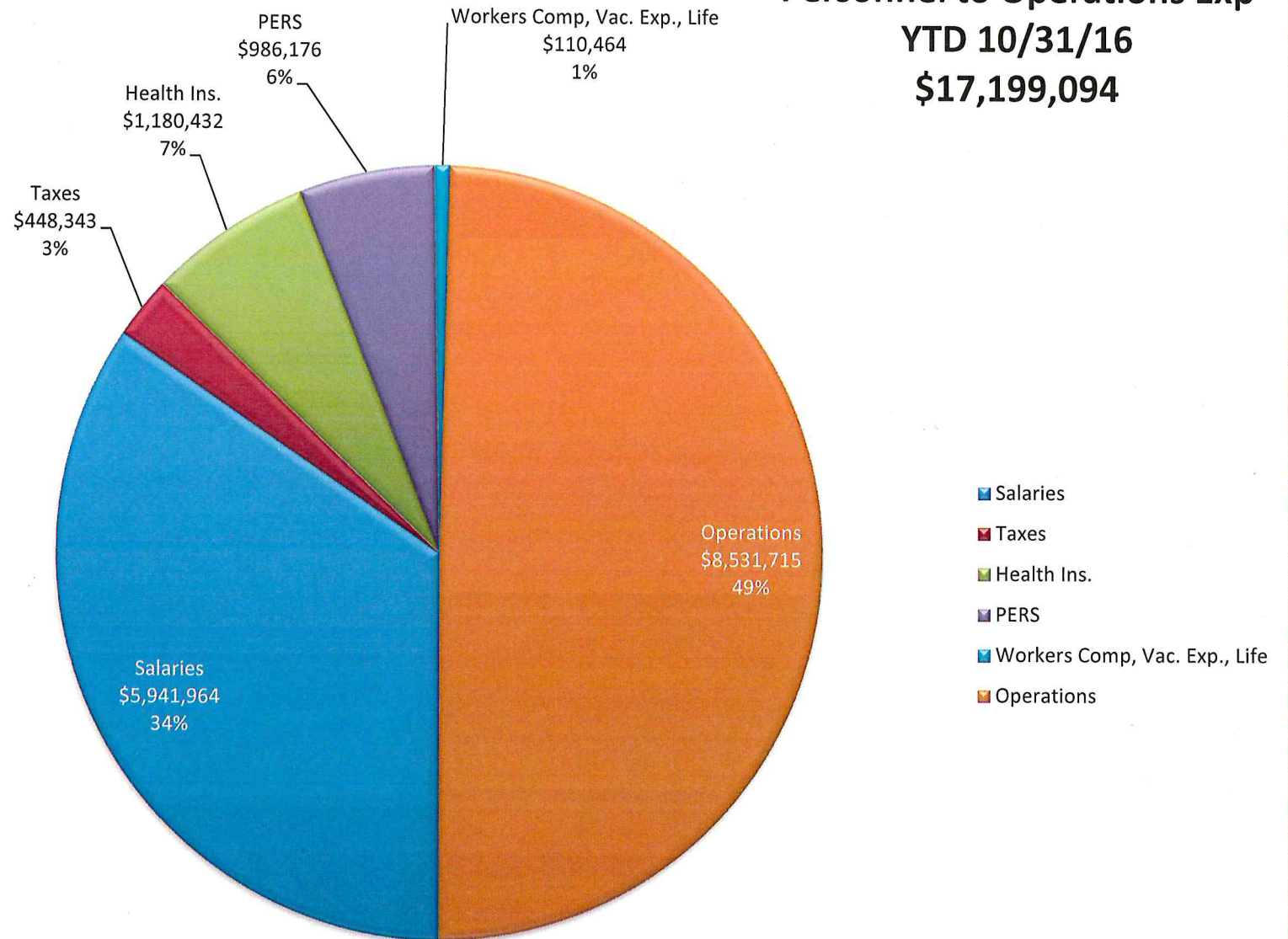
DEPARTMENTAL - BUDGET vs. ACTUAL



Cash Operating Expenses YTD 10/31/16 \$17,199,094



Personnel to Operations Exp
YTD 10/31/16
\$17,199,094



Palmdale Water District
Profit and Loss Statement
Year-To-Year Comparison - October

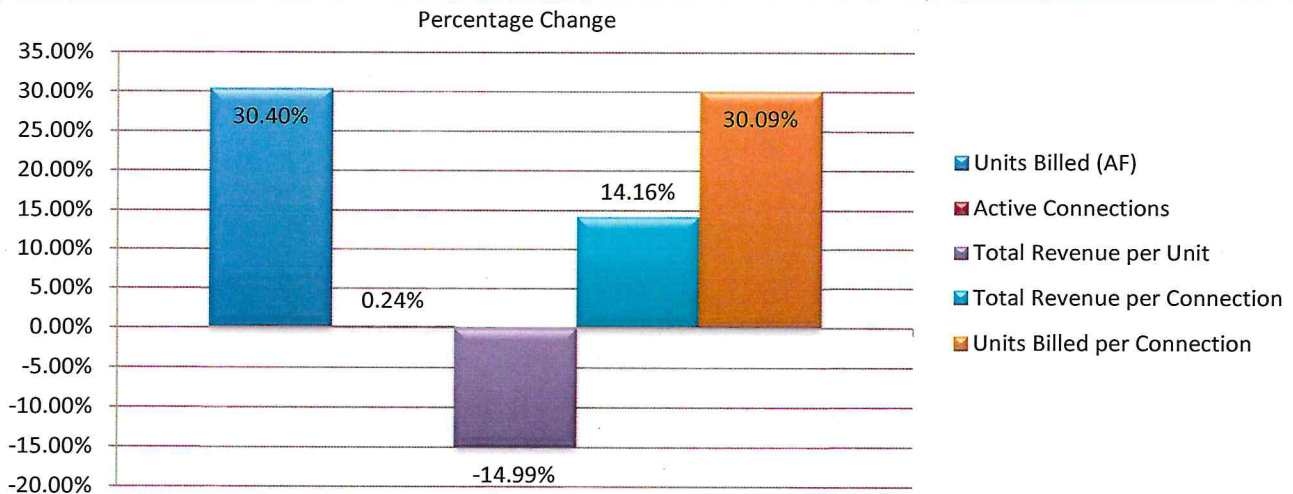
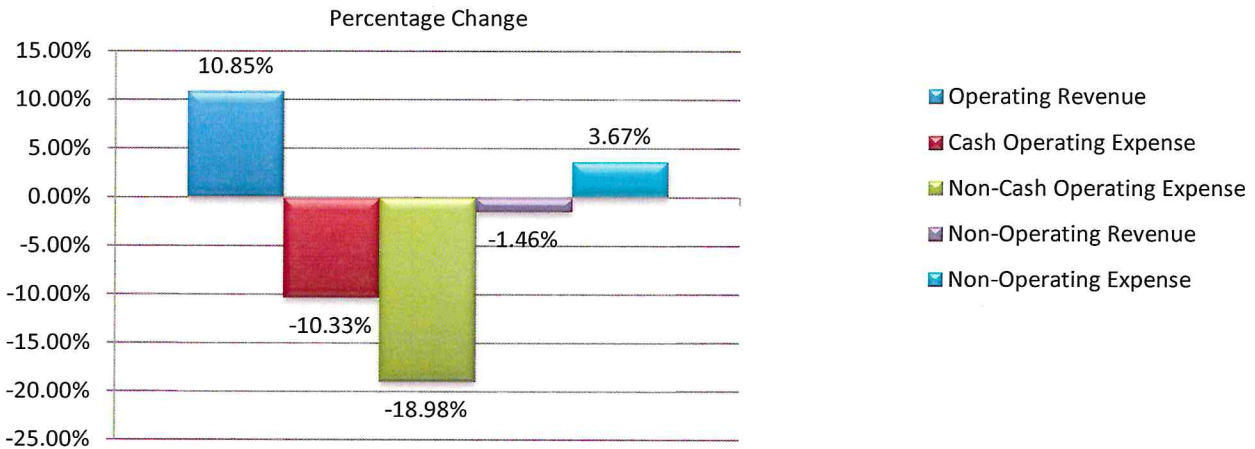
	2015 October	2016 October	Change	% Change		Consumption Comparison		
					Units Billed	2015	2016	
Operating Revenue:						516,864	673,989	
Wholesale Water	\$ -	\$ 58,599	\$ 58,599		Active	26,542	26,605	
Water Sales	605,208	740,713	135,506	22.39%	Vacant	849	802	
Meter Fees	969,762	1,015,021	45,259	4.67%				
Water Quality Fees	84,962	87,619	2,657	3.13%				
Elevation Fees	35,079	37,590	2,511	7.16%	Rev/unit	\$ 3.78	\$ 3.21	
Other	140,125	73,422	(66,703)	-47.60%	Rev/con	\$ 63.86	\$ 72.90	
Drought Surcharge	119,443	153,704	34,261	28.68%	Unit/con	19.47	25.33	
Total Operating Revenue	\$ 1,954,579	\$ 2,166,668	\$ 212,089	10.85%				
Cash Operating Expenses:								
Directors	\$ 14,907	\$ 12,804	\$ (2,102)	-14.10%				
Administration-Services	227,074	138,483	14,950	6.58%				
Administration-District		103,540						
Engineering	84,302	96,103	11,801	14.00%				
Facilities	470,382	430,188	(40,194)	-8.54%				
Operations	199,652	244,133	44,481	22.28%				
Finance	89,482	94,658	5,176	5.78%				
Water Conservation	25,070	16,405	(8,665)	-34.56%				
Human Resources	33,014	34,528	1,514	4.59%				
Information Technology	53,172	42,596	(10,575)	-19.89%				
Customer Care	101,646	87,207	(14,439)	-14.20%				
Source of Supply-Purchased Water	7,794	(1,316)	(9,110)	-116.88%				
Plant Expenditures	231,978	80,231	(151,747)	-65.41%				
GAC Filter Media Replacement	-	-	-					
Total Cash Operating Expenses	\$ 1,538,470	\$ 1,379,559	\$ (158,910)	-10.33%				
Non-Cash Operating Expenses:								
Depreciation	\$ 534,253	\$ 454,907	\$ (79,346)	-14.85%				
OPEB Accrual Expense	183,580	195,860	12,280	6.69%				
Bad Debts	7,467	423	(7,044)	-94.33%				
Service Costs Construction	(8,149)	(3,909)	4,240	-52.03%				
Capitalized Construction	(54,064)	(110,037)	(55,972)	103.53%				
Total Non-Cash Operating Expenses	\$ 663,087	\$ 537,244	\$ (125,843)	-18.98%				
Net Operating Profit/(Loss)	\$ (246,977)	\$ 249,865	\$ 496,842	-201.17%				
Non-Operating Revenues:								
Assessments (Debt Service)	\$ 443,333	\$ 440,417	\$ (2,917)	-0.66%				
Assessments (1%)	140,000	142,917	2,917	2.08%				
DWR Fixed Charge Recovery	74,953	81,905	6,952	9.28%				
Interest	6,107	(647)	(6,754)	-110.60%				
Capital Improvement Fees	10,106	-	(10,106)	-100.00%				
Grants - State and Federal	-	-	-					
Other	(75)	(9)	66					
Total Non-Operating Revenues	\$ 674,424	\$ 664,582	\$ (9,842)	-1.46%				
Non-Operating Expenses:								
Interest on Long-Term Debt	\$ 186,950	\$ 182,353	\$ (4,597)	-2.46%				
Amortization of SWP	172,877	196,900	24,023	13.90%				
Change in Investments in PRWA	7,864	-	(7,864)	-100.00%				
Water Conservation Programs	5,322	7,437	2,115	39.73%				
Total Non-Operating Expenses	\$ 373,013	\$ 386,690	\$ 13,676	3.67%				
Net Earnings	\$ 54,433	\$ 527,757	\$ 473,324	869.55%				

Palmdale Water District
Profit and Loss Statement
Year-To-Year Comparison-2 Years - October

	2014 October	2016 October	Change	% Change		Consumption Comparison	
					Units Billed	2014	2016
Operating Revenue:						730,768	673,989
Wholesale Water	\$ 29,129	\$ 58,599	\$ 29,470	101.17%	Active	26,462	26,605
Water Sales	807,759	740,713	(67,046)	-8.30%	Vacant	911	802
Meter Fees	947,224	1,015,021	67,797	7.16%			
Water Quality Fees	145,876	87,619	(58,258)	-39.94%			
Elevation Fees	45,165	37,590	(7,575)	-16.77%	Rev/unit	\$ 2.85	\$ 3.21
Other	106,767	73,422	(33,345)	-31.23%	Rev/con	\$ 74.64	\$ 72.90
Drought Surcharge	-	153,704	153,704		Unit/con	27.62	25.33
Total Operating Revenue	\$ 2,081,921	\$ 2,166,668	\$ 84,748	4.07%			
Cash Operating Expenses:							
Directors	\$ 17,432	\$ 12,804	\$ (4,628)	-26.55%			
Administration-Services	214,810	138,483	27,213	12.67%			
Administration-District	-	103,540					
Engineering	87,512	96,103	8,591	9.82%			
Facilities	324,670	430,188	105,518	32.50%			
Operations	410,815	244,133	(166,682)	-40.57%			
Finance	229,136	94,658	(134,478)	-58.69%			
Water Conservation	16,938	16,405	(533)	-3.15%			
Human Resources	21,206	34,528	13,321	62.82%			
Information Technology	65,645	42,596	(23,048)	-35.11%			
Customer Care	-	87,207	87,207				
Source of Supply-Purchased Water	124,027	(1,316)	(125,343)	-101.06%			
Plant Expenditures	170,986	80,231	(90,755)	-53.08%			
GAC Filter Media Replacement	297,955	-	(297,955)				
Total Cash Operating Expenses	\$ 1,981,131	\$ 1,379,559	\$ (601,572)	-30.37%			
Non-Cash Operating Expenses:							
Depreciation	\$ 552,048	\$ 454,907	\$ (97,141)	-17.60%			
OPEB Accrual Expense	166,875	195,860	28,985	17.37%			
Bad Debts	(216)	423	639	-295.97%			
Service Costs Construction	21,269	(3,909)	(25,178)	-118.38%			
Capitalized Construction	(156,700)	(110,037)	46,663	-29.78%			
Total Non-Cash Operating Expenses	\$ 583,276	\$ 537,244	\$ (46,031)	-7.89%			
Net Operating Profit/(Loss)	\$ (482,486)	\$ 249,865	\$ 732,351	-151.79%			
Non-Operating Revenues:							
Assessments (Debt Service)	\$ -	\$ 440,417	\$ 440,417	#DIV/0!			
Assessments (1%)	-	142,917	142,917	#DIV/0!			
DWR Fixed Charge Recovery	-	81,905	81,905				
Interest	6,906	(647)	(7,554)	-109.37%			
Capital Improvement Fees	-	-	-				
Grants - State and Federal	-	-	-				
Other	14,811	(9)	(14,820)	-100.06%			
Total Non-Operating Revenues	\$ 21,717	\$ 664,582	\$ 642,865	2960.16%			
Non-Operating Expenses:							
Interest on Long-Term Debt	\$ 190,200	\$ 182,353	\$ (7,847)	-4.13%			
Amortization of SWP	159,510	196,900	37,390	23.44%			
Change in Investments in PRWA	-	-	-				
Water Conservation Programs	7,421	7,437	16	0.21%			
Total Non-Operating Expenses	\$ 357,131	\$ 386,690	\$ 29,559	8.28%			
Net Earnings	\$ (817,900)	\$ 527,757	\$ 1,345,656	-164.53%			

YEAR-TO-YEAR COMPARISON

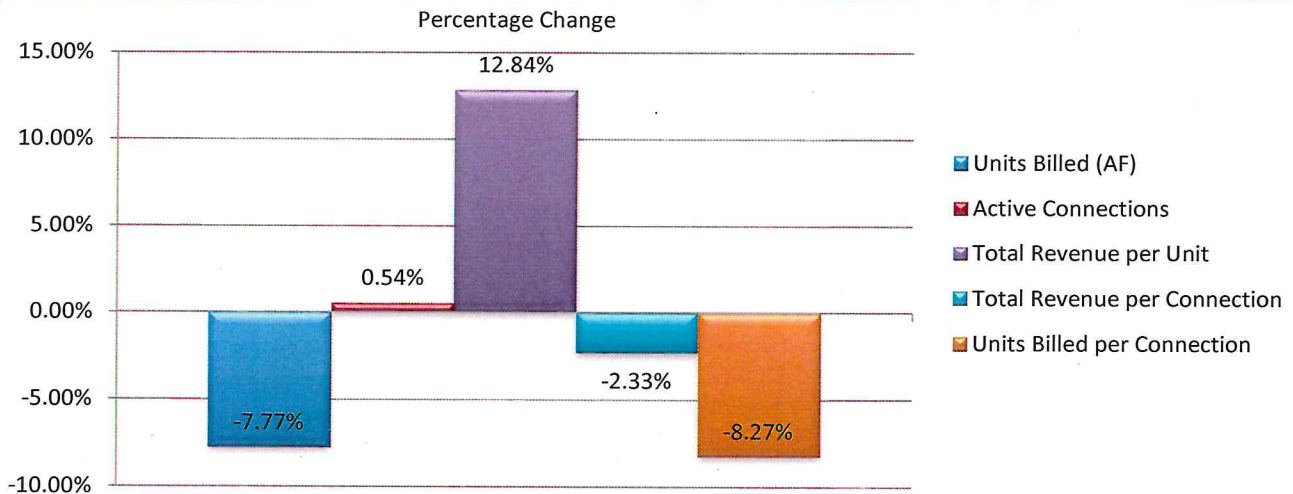
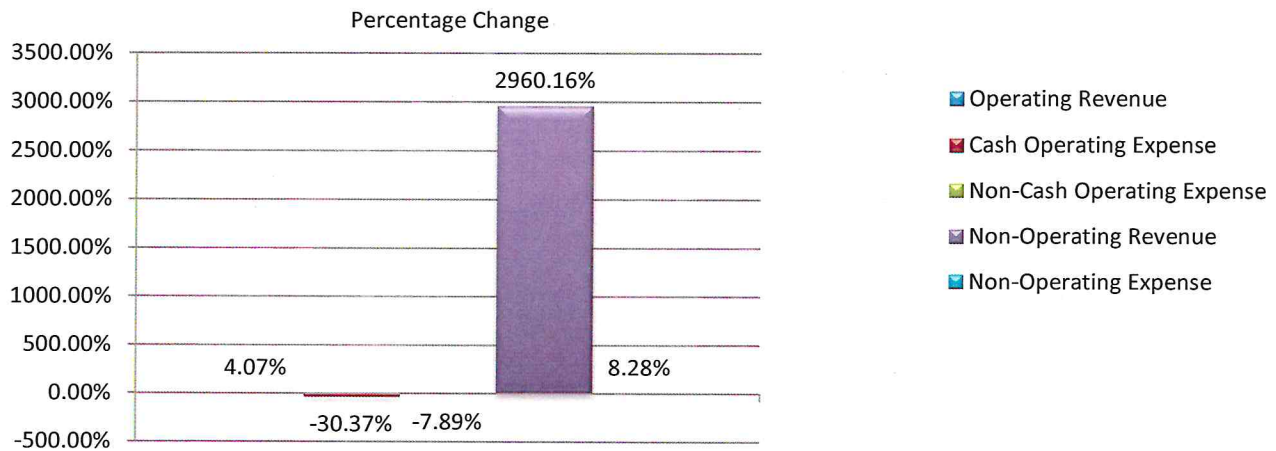
October 2015 -To - October 2016



	2015	2016	Change	
Units Billed (AF)	1,187	1,547	361	30.40%
Active Connections	26,542	26,605	63	0.24%
Non-Active	849	802	-47	-5.54%
Total Revenue per Unit	\$3.78	\$3.21	-\$0.57	-14.99%
Total Revenue per Connection	\$63.86	\$72.90	\$9.04	14.16%
Units Billed per Connection	19.47	25.33	5.86	30.09%

YEAR-TO-YEAR COMPARISON

October 2014 -To - October 2016



	2014	2016	Change	
Units Billed (AF)	1,678	1,547	-130	-7.77%
Active Connections	26,462	26,605	143	0.54%
Non-Active	911	802	-109	-11.96%
Total Revenue per Unit	\$2.85	\$3.21	\$0.37	12.84%
Total Revenue per Connection	\$74.64	\$72.90	-\$1.74	-2.33%
Units Billed per Connection	27.62	25.33	-2.28	-8.27%

Palmdale Water District
Revenue Analysis
For the Ten Months Ending 10/31/2016
2016

2015 to 2016 Comparison

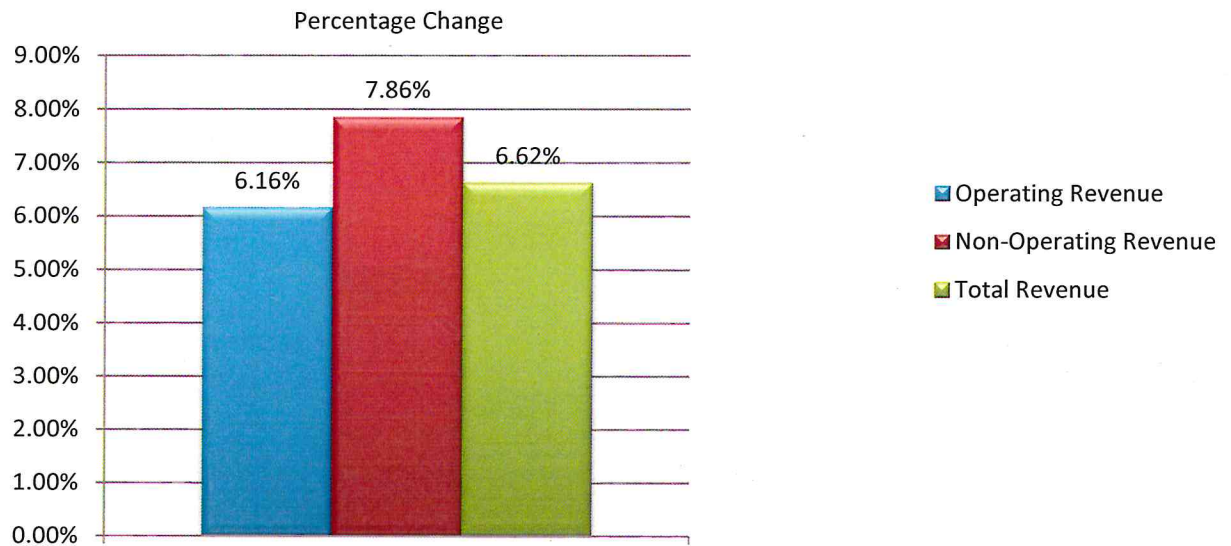
	Thru September	October	Year-to-Date	Adjusted Budget	% of Budget	Thru September	October	Year-to-Date	% Change	
Operating Revenue:										
Wholesale Water	\$ 121,997	\$ 58,599	\$ 180,595	\$ 160,000	112.87%	\$ 57,334	\$ 58,599	\$ 115,933	179.29%	
Water Sales	5,065,002	740,713	5,805,716	7,242,000	80.17%	304,134	135,506	439,640	8.19%	
Meter Fees	9,132,883	1,015,021	10,147,904	12,079,000	84.01%	387,856	45,259	433,114	4.46%	
Water Quality Fees	647,619	87,619	735,238	934,500	78.68%	(40,481)	2,657	(37,825)	-4.89%	956,229
Elevation Fees	262,317	37,590	299,908	400,000	74.98%	(22,606)	2,511	(20,095)	-6.28%	
Other	576,222	73,422	649,644	860,000	75.54%	(342,987)	(66,703)	(409,690)	-38.67%	
Drought Surcharge	971,033	153,704	1,124,737	-		540,248	34,261	574,509		
Total Water Sales	\$ 16,777,074	\$ 2,166,668	\$ 18,943,743	\$ 21,675,500	87.40%	\$ 883,497	\$ 212,089	\$ 1,095,586	6.16%	
Non-Operating Revenues:										
Assessments (Debt Service)	\$ 4,001,500	\$ 440,417	\$ 4,441,917	\$ 4,670,000	95.12%	\$ 160,010	\$ (2,917)	\$ 157,093	3.67%	
Assessments (1%)	1,606,351	142,917	1,749,268	2,025,000	86.38%	75,179	2,917	78,096	4.67%	
DWR Fixed Charge Recovery	203,350	81,905	285,255	200,000	142.63%	(50,382)	6,952	(43,430)	-13.21%	
Interest	66,918	(647)	66,271	35,000	189.35%	28,540	(6,754)	21,786	48.97%	
Capital Improvement Fees	234,459	-	234,459	50,000	468.92%	(119,433)	(10,106)	(129,539)	-35.59%	
Grants - State and Federal	306,915	-	306,915	485,000	63.28%	306,915	-	306,915		
Other	146,898	(9)	146,888	120,000	122.41%	135,689	66	135,755	1219.40%	
Total Non-Operating Revenues	\$ 6,566,391	\$ 664,582	\$ 7,230,973	\$ 7,585,000	95.33%	\$ 536,519	\$ (9,842)	\$ 526,677	7.86%	
Total Revenue	\$ 23,343,466	\$ 2,831,250	\$ 26,174,716	\$ 29,260,500	89.45%	\$ 1,420,016	\$ 202,247	\$ 1,622,263	6.62%	

2015

	Thru September	October	Year-to-Date	Adjusted Budget	% of Budget
Operating Revenue:					
Wholesale Water	\$ 64,663	\$ -	\$ 64,663	\$ 225,000	28.74%
Water Sales	4,760,868	605,208	5,366,076	8,550,500	62.76%
Meter Fees	8,745,027	969,762	9,714,790	11,506,000	84.43%
Water Quality Fees	688,100	84,962	773,062	1,146,500	67.43%
Elevation Fees	284,924	35,079	320,003	525,000	60.95%
Other	919,210	140,125	1,059,335	1,450,000	73.06%
Drought Surcharge	430,785	119,443	550,229	-	
Total Water Sales	\$ 15,828,915	\$ 1,954,579	\$ 17,783,494	\$ 23,178,000	76.73%
Non-Operating Revenues:					
Assessments (Debt Service)	\$ 3,841,490	\$ 443,333	\$ 4,284,824	\$ 5,100,000	84.02%
Assessments (1%)	1,531,172	140,000	1,671,172	1,950,000	85.70%
DWR Fixed Charge Recovery	253,732	74,953	328,685	100,000	328.69%
Interest	38,378	6,107	44,485	35,000	127.10%
Capital Improvement Fees	353,892	10,106	363,998	50,000	728.00%
Grants - State and Federal	-	-	-	-	
Other	11,208	(75)	11,133	5,000	222.66%
Total Non-Operating Revenues	\$ 6,029,872	\$ 674,424	\$ 6,704,296	\$ 7,240,000	92.60%
Total Revenue	\$ 21,858,787	\$ 2,629,003	\$ 24,487,790	\$ 30,418,000	80.50%

REVENUE COMPARISON YEAR-TO-DATE

October 2015-To-October 2016



Palmdale Water District
Operating Expense Analysis
For the Ten Months Ending 10/31/2016
2016

2015 to 2016 Comparison

	Thru September	October	Year-to-Date	Adjusted Budget	% of Budget	Thru September	October	Year-to-Date	% Change
Cash Operating Expenses:									
Directors	\$ 116,562	\$ 12,804	\$ 129,366	\$ 145,750	88.76%	\$ 14,310	\$ (2,102)	\$ 12,208	10.42%
Administration-Services	1,198,383	138,483	1,336,866	1,588,750	84.15%	200,941	14,950	215,891	9.24%
Administration-District	1,112,633	103,540	1,216,174	1,612,750	75.41%				
Engineering	908,530	96,103	1,004,633	1,279,250	78.53%	(14,543)	11,801	(2,742)	-0.27%
Facilities	4,929,945	430,188	5,360,133	6,513,750	82.29%	563,310	(40,194)	523,116	10.81%
Operations	1,980,210	244,133	2,224,343	2,449,250	90.82%	58,222	44,481	102,702	4.84%
Finance	908,961	94,658	1,003,619	1,168,250	85.91%	(352,332)	5,176	(347,155)	-25.70%
Water Conservation	189,209	16,405	205,614	239,250	85.94%	(69,608)	(8,665)	(78,273)	-27.57%
Human Resources	291,416	34,528	325,943	420,350	77.54%	(29,905)	1,514	(28,391)	-8.01%
Information Technology	559,160	42,596	601,757	867,750	69.35%	(19,915)	(10,575)	(30,491)	-4.82%
Customer Care	997,977	87,207	1,085,184	1,386,750	78.25%	191,697	(14,439)	177,259	19.52%
Source of Supply-Purchased Water	1,704,190	(1,316)	1,702,874	1,725,000	98.72%	452,206	(9,110)	443,096	25.11%
Plant Expenditures	401,293	80,231	481,524	-		(87,361)	(151,747)	(239,108)	-33.18%
GAC Filter Media Replacement	521,064	-	521,064	934,500	55.76%	(74,980)	-	(74,980)	-12.58%
Total Cash Operating Expenses	\$ 15,819,535	\$ 1,379,559	\$ 17,199,094	\$ 20,331,350	84.59%	\$ 832,040	\$ (158,910)	\$ 673,130	3.91%
Non-Cash Operating Expenses:									
Depreciation	\$ 4,238,196	\$ 454,907	\$ 4,693,103	\$ 7,200,000	65.18%	\$ (2,097,641)	\$ (79,346)	\$ (2,176,988)	-31.69%
OPEB Accrual Expense	1,762,742	195,860	1,958,602	2,250,000	87.05%	110,522	12,280	122,802	6.69%
Bad Debts	71,912	423	72,335	50,000	144.67%	60,777	(7,044)	53,734	288.87%
Service Costs Construction	83,441	(3,909)	79,532	125,000	63.63%	(4,282)	4,240	(42)	-0.05%
Capitalized Construction	(460,791)	(110,037)	(570,828)	(1,000,000)	57.08%	327,850	(55,972)	271,878	-32.26%
Total Non-Cash Operating Expenses	\$ 5,695,499	\$ 537,244	\$ 6,232,744	\$ 8,625,000	72.26%	\$ (1,602,774)	\$ (125,843)	\$ (1,728,617)	-27.73%
Non-Operating Expenses:									
Interest on Long-Term Debt	\$ 1,671,302	\$ 182,353	\$ 1,853,655	\$ 2,228,000	83.20%	\$ (36,843)	\$ (4,597)	\$ (41,441)	-2.19%
Amortization of SWP	1,772,080	196,900	1,968,980	2,238,000	87.98%	216,187	24,023	240,210	13.89%
Change in Investments in PRWA	105,316	-	105,316	-		91,131	(7,864)	83,267	377.64%
Water Conservation Programs	34,641	7,437	42,078	126,500	33.26%	(157,990)	2,115	(155,876)	-78.74%
Total Non-Operating Expenses	\$ 3,583,339	\$ 386,690	\$ 3,970,029	\$ 4,592,500	86.45%	\$ 112,484	\$ 13,676	\$ 126,161	3.28%
Total Expenses	\$ 25,098,373	\$ 2,303,494	\$ 27,401,867	\$ 33,548,850	81.68%	\$ (658,250)	\$ (271,076)	\$ (929,326)	-3.28%

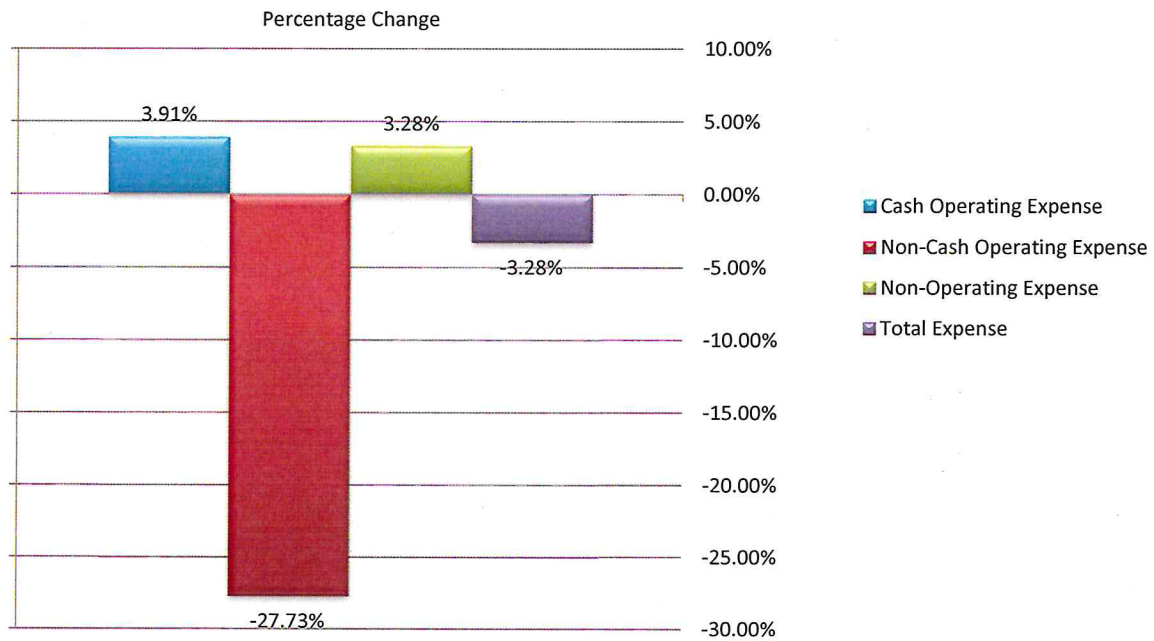
**Palmdale Water District
Operating Expense Analysis
For the Ten Months Ending 10/31/2016
2015**

2015 to 2016 Comparison

	Thru September	October	Year-to-Date	Adjusted Budget	% of Budget
Cash Operating Expenses:					
Directors	\$ 102,252	\$ 14,907	\$ 117,158	\$ 118,500	98.87%
Administration-Services	2,110,075	227,074	2,337,149	2,667,250	87.62%
Administration-District					
Engineering	923,073	84,302	1,007,375	1,252,750	80.41%
Facilities	4,366,636	470,382	4,837,017	5,998,000	80.64%
Operations	1,921,989	199,652	2,121,641	2,624,000	80.86%
Finance	1,261,293	89,482	1,350,775	2,950,750	45.78%
Water Conservation	258,817	25,070	283,887	284,000	99.96%
Human Resources	321,321	33,014	354,335	326,100	108.66%
Information Technology	579,076	53,172	632,247	782,750	80.77%
Customer Care	806,280	101,646	907,926	-	
Source of Supply-Purchased Water	1,755,054	9,322	1,764,376	2,400,000	73.52%
Water Purchases-Prior Year OAP	(36,045)	-	(36,045)	250,000	-14.42%
Water Recovery	(467,025)	(1,528)	(468,553)	(100,000)	468.55%
Plant Expenditures	488,654	231,978	720,632	1,146,500	62.85%
GAC Filter Media Replacement	596,045	-	596,045	1,896,000	31.44%
Total Cash Operating Expenses	\$ 14,987,495	\$ 1,538,470	\$ 16,525,965	\$ 22,596,600	73.13%
Non-Cash Operating Expenses:					
Depreciation	\$ 6,335,838	\$ 534,253	\$ 6,870,091	\$ 6,450,000	106.51%
OPEB Accrual Expense	1,652,220	183,580	1,835,800	2,000,000	91.79%
Bad Debts	11,134	7,467	18,601	100,000	18.60%
Service Costs Construction	87,723	(8,149)	79,574	125,000	63.66%
Capitalized Construction	(788,641)	(54,064)	(842,705)	(1,000,000)	84.27%
Total Non-Cash Operating Expenses	\$ 7,298,274	\$ 663,087	\$ 7,961,361	\$ 7,675,000	103.73%
Non-Operating Expenses:					
Interest on Long-Term Debt	\$ 1,708,146	\$ 186,950	\$ 1,895,096	\$ 2,111,000	89.77%
Amortization of SWP	1,555,893	172,877	1,728,770	1,679,000	102.96%
Change in Investments in PRWA	14,185	7,864	22,049	-	
Water Conservation Programs	192,631	5,322	197,953	200,000	98.98%
Total Non-Operating Expenses	\$ 3,470,855	\$ 373,013	\$ 3,843,868	\$ 3,990,000	96.34%
Total Expenses	\$ 25,756,623	\$ 2,574,570	\$ 28,331,193	\$ 34,261,600	82.69%

EXPENSE COMPARISON YEAR-TO-DATE

October 2015-To-October 2016



Palmdale Water District
2016 Directors Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-01-4000-000 Directors Pay	\$ 46,650	\$ 50,000	\$ -	\$ 3,350	93.30%
Employee Benefits					
1-01-4005-000 Payroll Taxes	3,569	5,500		1,931	64.89%
1-01-4010-000 Health Insurance	63,428	76,250		12,822	83.18%
Subtotal (Benefits)	66,996	81,750	-	12,822	81.95%
Total Personnel Expenses	<u>\$ 113,646</u>	<u>\$ 131,750</u>	<u>\$ -</u>	<u>\$ 16,172</u>	<u>86.26%</u>
OPERATING EXPENSES:					
1-01-4050-000 Directors Travel, Seminars & Meetings	15,720	14,000		(1,720)	112.28%
Subtotal Operating Expenses	15,720	14,000	-	(1,720)	112.28%
Total O & M Expenses	<u>\$ 129,366</u>	<u>\$ 145,750</u>	<u>\$ -</u>	<u>\$ 14,453</u>	<u>88.76%</u>

Palmdale Water District
2016 Administration District Wide Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-02-5070-001 On-Call	\$ 67,311	\$ 95,000		\$ 27,689	70.85%
Subtotal (Salaries)	\$ 67,311	\$ 95,000	\$ -	\$ 27,689	70.85%
Employee Benefits					
1-02-5070-002 PERS-Unfunded Liability	\$ 333,519	\$ 404,750		71,231	82.40%
1-02-5070-003 Workers Compensation	118,158	125,000		6,842	94.53%
1-02-5070-004 Vacation Benefit Expense	(13,042)	35,000		48,042	-37.26%
1-02-5070-005 Life Insurance	5,348	8,000		2,652	66.85%
Subtotal (Benefits)	\$ 443,983	\$ 572,750	\$ -	\$ 128,767	77.52%
Total Personnel Expenses	\$ 511,294	\$ 667,750	\$ -	\$ 156,456	76.57%
OPERATING EXPENSES:					
1-02-5070-006 Other Operating	\$ 22,371	\$ 20,000		(2,371)	111.86%
1-02-5070-007 Consultants	65,888	160,000		94,112	41.18%
1-02-5070-008 Insurance	247,179	300,000		52,821	82.39%
1-02-5070-009 Groundwater Adjudication	47,702	80,000		32,298	59.63%
1-02-5070-010 Legal Services	122,385	160,000		37,615	76.49%
1-02-5070-011 Memberships/Subscriptions	94,472	150,000		55,528	62.98%
1-02-5070-012 Elections	104,882	75,000		(29,882)	139.84%
Subtotal Operating Expenses	\$ 704,879	\$ 945,000	\$ -	\$ 240,121	74.59%
Total Departmental Expenses	\$ 1,216,174	\$ 1,612,750	\$ -	\$ 396,576	75.41%

Palmdale Water District
2016 Administration Services Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-02-4000-000 Salaries	\$ 823,201	\$ 982,000		\$ 158,799	83.83%
1-02-4000-100 Overtime	5,285	8,250		2,965	64.06%
Subtotal (Salaries)	\$ 828,486	\$ 990,250	\$ -	\$ 161,764	83.66%
Employee Benefits					
1-02-4005-000 Payroll Taxes	\$ 56,967	\$ 74,000		17,033	76.98%
1-02-4010-000 Health Insurance	114,668	135,000		20,332	84.94%
1-02-4015-000 PERS	96,249	117,500		21,251	81.91%
Subtotal (Benefits)	\$ 267,884	\$ 326,500	\$ -	\$ 58,616	82.05%
Total Personnel Expenses	\$ 1,096,370	\$ 1,316,750	\$ -	\$ 220,380	83.26%
OPERATING EXPENSES:					
1-02-4050-100 General Manager Travel	\$ 4,722	\$ 5,000		278	94.44%
1-02-4060-100 General Manager Conferences & Seminars	2,150	4,000		1,850	53.75%
1-02-4130-000 Bank Charges	129,549	140,000		10,451	92.54%
1-02-4150-000 Accounting Services	24,853	27,500		2,647	90.37%
1-02-4175-000 Permits	10,300	10,000		(300)	103.00%
1-02-4180-000 Postage	9,644	27,500		17,856	35.07%
1-02-4190-100 Public Relations - Publications	29,642	35,000		5,358	84.69%
1-02-4190-900 Public Relations - Other	3,235	1,000		(2,235)	323.47%
1-02-4200-000 Advertising	3,648	4,000		352	91.21%
1-02-4205-000 Office Supplies	17,421	18,000		579	96.78%
1-02-4210-000 Office Furniture	5,333	-		(5,333)	0.00%
Subtotal Operating Expenses	\$ 240,496	\$ 272,000	\$ -	\$ 31,504	88.42%
Total Departmental Expenses	\$ 1,336,866	\$ 1,588,750	\$ -	\$ 251,884	84.15%

Palmdale Water District
2016 Engineering Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-03-4000-000 Salaries	\$ 693,812	\$ 852,000		\$ 158,188	81.43%
1-03-4000-100 Overtime	4,981	6,750		1,769	73.79%
Subtotal (Salaries)	\$ 698,792	\$ 858,750		\$ 159,958	81.37%
Employee Benefits					
1-03-4005-000 Payroll Taxes	53,259	64,000		10,741	83.22%
1-03-4010-000 Health Insurance	129,853	155,000		25,147	83.78%
1-03-4015-000 PERS	80,045	101,000		20,955	79.25%
Subtotal (Benefits)	\$ 263,158	\$ 320,000	\$ -	\$ 56,842	82.24%
Total Personnel Expenses	\$ 961,950	\$ 1,178,750	\$ -	\$ 216,800	81.61%
OPERATING EXPENSES:					
1-03-4155-000 Contracted Services	28,491	64,000		35,509	44.52%
1-03-4165-000 Memberships/Subscriptions	3,693	2,500		(1,193)	147.72%
1-03-4250-000 General Materials & Supplies	4,541	3,000		(1,541)	151.36%
1-03-8100-100 Computer Software - Maint. & Support	5,958	31,000		25,042	19.22%
Subtotal Operating Expenses	\$ 42,683	\$ 100,500	\$ -	\$ 57,817	42.47%
Total Departmental Expenses	\$ 1,004,633	\$ 1,279,250	\$ -	\$ 274,617	78.53%

Palmdale Water District
2016 Facilities Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-04-4000-000 Salaries	\$ 1,654,310	\$ 2,083,750		\$ 429,440	79.39%
1-04-4000-100 Overtime	97,280	90,000		(7,280)	108.09%
Subtotal (Salaries)	\$ 1,751,590	\$ 2,173,750	\$ -	\$ 422,160	80.58%
Employee Benefits					
1-04-4005-000 Payroll Taxes	135,874	166,500		30,626	81.61%
1-04-4010-000 Health Insurance	374,017	444,500		70,483	84.14%
1-04-4015-000 PERS	183,739	257,500		73,761	71.35%
Subtotal (Benefits)	\$ 693,629	\$ 868,500	\$ -	\$ 174,871	79.87%
Total Personnel Expenses	\$ 2,445,219	\$ 3,042,250	\$ -	\$ 597,031	80.38%
OPERATING EXPENSES:					
1-04-4155-000 Contracted Services	\$ 472,637	\$ 488,000		\$ 15,363	96.85%
1-04-4175-000 Permits-Dams	10,985	50,000		39,015	21.97%
1-04-4215-100 Natural Gas - Wells & Boosters	140,294	225,000		84,706	62.35%
1-04-4215-200 Natural Gas - Buildings	32,092	9,000		(23,092)	356.58%
1-04-4220-100 Electricity - Wells & Boosters	1,046,801	1,480,000		433,199	70.73%
1-04-4220-200 Electricity - Buildings	62,172	88,000		25,828	70.65%
1-04-4225-000 Maint. & Repair - Vehicles	34,484	35,000		516	98.53%
1-04-4230-100 Maint. & Rep. Office Building	25,063	15,000		(10,063)	167.09%
1-04-4235-110 Maint. & Rep. Equipment	2,023	6,500		4,477	31.13%
1-04-4235-400 Maint. & Rep. Operations - Wells	75,966	75,000		(966)	101.29%
1-04-4235-405 Maint. & Rep. Operations - Boosters	46,196	50,000		3,804	92.39%
1-04-4235-410 Maint. & Rep. Operations - Shop Bldgs	7,933	10,000		2,067	79.33%
1-04-4235-415 Maint. & Rep. Operations - Facilities	22,740	15,000		(7,740)	151.60%
1-04-4235-420 Maint. & Rep. Operations - Water Lines	258,366	225,000		(33,366)	114.83%
1-04-4235-425 Maint. & Rep. Operations - Littlerock Dam	23,134	15,000		(8,134)	154.23%
1-04-4235-430 Maint. & Rep. Operations - Palmdale Dam	1,324	7,500		6,176	17.66%
1-04-4235-435 Maint. & Rep. Operations - Palmdale Canal	-	10,000		10,000	0.00%
1-04-4235-440 Maint. & Rep. Operations - Large Meters	28,556	10,000		(18,556)	285.56%
1-04-4235-445 Maint. & Rep. Operations - Telemetry	2,933	4,000		1,067	73.32%
1-04-4235-450 Maint. & Rep. Operations - Hypo Generators	757	10,000		9,243	7.57%
1-04-4235-455 Maint. & Rep. Operations - Heavy Equipment	34,010	45,000		10,990	75.58%
1-04-4235-460 Maint. & Rep. Operations - Storage Reservoirs	2,753	5,000		2,247	55.07%
1-04-4235-470 Maint. & Rep. Operations - Meters Exchanges	283,455	225,000		(58,455)	125.98%
1-04-4270-300 Telecommunication - Other	5,461	4,000		(1,461)	136.54%
1-04-4300-200 Testing - Large Meters	15,906	12,500		(3,406)	127.25%
1-04-4300-300 Testing - Edison Testing	5,510	30,000		24,490	18.37%
1-04-6000-000 Waste Disposal	22,547	20,000		(2,547)	112.74%
1-04-6100-100 Fuel and Lube - Vehicle	60,712	105,000		44,288	57.82%
1-04-6100-200 Fuel and Lube - Machinery	14,092	40,000		25,908	35.23%
1-04-6200-000 Uniforms	22,756	22,500		(256)	101.14%
1-04-6300-100 Supplies - General	53,437	47,500		(5,937)	112.50%
1-04-6300-200 Supplies - Hypo Generators	6,094	6,500		406	93.75%
1-04-6300-300 Supplies - Electrical	970	3,000		2,030	32.33%
1-04-6300-400 Supplies - Telemetry	2,449	5,000		2,551	48.99%
1-04-6300-800 Supplies - Construction Materials	50,209	35,000		(15,209)	143.45%
1-04-6400-000 Tools	26,203	25,000		(1,203)	104.81%
1-04-7000-100 Leases -Equipment	13,891	12,500		(1,391)	111.13%
Subtotal Operating Expenses	\$ 2,914,914	\$ 3,471,500	\$ -	\$ 556,586	83.97%
Total Departmental Expenses	\$ 5,360,133	\$ 6,513,750	\$ -	\$ 1,153,617	82.29%

Palmdale Water District
2016 Operation Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-05-4000-000 Salaries	\$ 820,691	\$ 1,012,500		\$ 191,809	81.06%
1-05-4000-100 Overtime	48,708	56,000		7,292	86.98%
Subtotal (Salaries)	\$ 869,399	\$ 1,068,500	\$ -	\$ 199,101	81.37%
Employee Benefits					
1-05-4005-000 Payroll Taxes	66,782	84,500		17,718	79.03%
1-05-4010-000 Health Insurance	154,523	183,500		28,978	84.21%
1-05-4015-000 PERS	97,014	137,750		40,736	70.43%
Subtotal (Benefits)	\$ 318,319	\$ 405,750	\$ -	\$ 87,431	78.45%
Total Personnel Expenses	\$ 1,187,718	\$ 1,474,250	\$ -	\$ 286,532	80.56%
OPERATING EXPENSES:					
1-05-4155-000 Contracted Services	\$ 54,500	\$ 93,500		\$ 39,000	58.29%
1-05-4175-000 Permits	29,900	40,000		10,100	74.75%
1-05-4215-200 Natural Gas - WTP	764	3,000		2,236	25.46%
1-05-4220-200 Electricity - WTP	133,833	125,000		(8,833)	107.07%
1-05-4230-110 Maint. & Rep. - Office Equipment	126	500		374	25.17%
1-05-4235-110 Maint. & Rep. Operations - Equipment	13,474	11,500		(1,974)	117.16%
1-05-4235-410 Maint. & Rep. Operations - Shop Bldgs	14,161	6,000		(8,161)	236.02%
1-05-4235-415 Maint. & Rep. Operations - Facilities	65,058	45,000		(20,058)	144.57%
1-05-4235-450 Maint. & Rep. Operations - Hypo Generator	64,014	18,000		(46,014)	355.63%
1-05-4235-500 Maint. & Rep. Operations - Wind Turbine	19,403	10,000		(9,403)	194.03%
1-05-6000-000 Waste Disposal	4,114	20,000		15,886	20.57%
1-05-6200-000 Uniforms	11,998	16,000		4,002	74.98%
1-05-6300-100 Supplies - General	15,070	15,000		(70)	100.46%
1-05-6300-600 Supplies - Lab	42,445	40,000		(2,445)	106.11%
1-05-6300-700 Outside Lab Work	60,190	92,000		31,810	65.42%
1-05-6400-000 Tools	4,475	6,500		2,025	68.85%
1-05-6500-000 Chemicals	502,879	400,000		(102,879)	125.72%
1-05-7000-100 Leases -Equipment	224	3,000		2,776	7.46%
3-05-4300-100 Filter Media Testing/Inspection	-	30,000		30,000	0.00%
Subtotal Operating Expenses	\$ 1,036,625	\$ 975,000	\$ -	\$ (91,625)	106.32%
Total Departmental Expenses	\$ 2,224,343	\$ 2,449,250	\$ -	\$ 194,907	90.82%

Palmdale Water District
2016 Finance Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-06-4000-000 Salaries	\$ 546,525	\$ 670,250		\$ 123,725	81.54%
1-06-4000-100 Overtime	236	3,000		2,764	7.88%
Subtotal (Salaries)	\$ 546,761	\$ 673,250	\$ -	\$ 126,489	81.21%
Employee Benefits					
1-06-4005-000 Payroll Taxes	40,841	49,000		8,159	83.35%
1-06-4010-000 Health Insurance	77,216	83,000		5,784	93.03%
1-06-4015-000 PERS	67,383	87,000		19,617	77.45%
Subtotal (Benefits)	\$ 185,440	\$ 219,000	\$ -	\$ 33,560	84.68%
Total Personnel Expenses	\$ 732,202	\$ 892,250	\$ -	\$ 160,048	82.06%
OPERATING EXPENSES:					
1-06-4155-000 Contracted Services	\$ 3,000	\$ 6,000		\$ 3,000	50.00%
1-06-4155-100 Contracted Services - Infosend	225,422	225,000		(422)	100.19%
1-06-4165-000 Memberships/Subscriptions	220	500		280	44.00%
1-06-4230-110 Maintenance & Repair - Office Equipment	-	500		500	0.00%
1-06-4250-000 General Material & Supplies	321	3,000		2,679	10.69%
1-06-4260-000 Business Forms	3,170	7,500		4,330	42.27%
1-06-4270-100 Telecommunication - Office	19,706	12,000		(7,706)	164.21%
1-06-4270-200 Telecommunication - Cellular Stipend	16,970	18,500		1,530	91.73%
1-06-7000-100 Leases - Equipment	2,609	3,000		391	86.95%
Subtotal Operating Expenses	\$ 271,417	\$ 276,000	\$ -	\$ 4,583	98.34%
Total Departmental Expenses	\$ 1,003,619	\$ 1,168,250	\$ -	\$ 164,631	85.91%

Palmdale Water District
2016 Water Conservation Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-07-4000-000 Salaries	\$ 102,632	\$ 129,000		\$ 26,368	79.56%
1-07-4000-100 Overtime	316	1,000		684	31.56%
Subtotal (Salaries)	\$ 102,947	\$ 130,000		\$ 27,053	79.19%
Employee Benefits					
1-07-4005-000 Payroll Taxes	10,297	10,000		(297)	102.97%
1-07-4010-000 Health Insurance	32,104	38,000		5,896	84.48%
1-07-4015-000 PERS	6,967	17,250		10,283	40.39%
Subtotal (Benefits)	\$ 49,368	\$ 65,250	\$ -	\$ 15,882	75.66%
Total Personnel Expenses	\$ 152,316	\$ 195,250	\$ -	\$ 42,250	78.01%
OPERATING EXPENSES:					
1-07-4190-300 Public Relations - Landscape Workshop/Training	\$ 5,164	\$ 1,000		\$ (4,164)	516.36%
1-07-4190-400 Public Relations - Contests	-	1,000		1,000	0.00%
1-07-4190-500 Public Relations - Education Programs	299	2,500		2,201	11.96%
1-07-4190-700 Public Relations -General Media	39,672	25,000		(14,672)	158.69%
1-07-4190-900 Public Relations - Other	5,407	2,000		(3,407)	270.33%
1-07-4500-000 Drought Enforcement	714	7,500		6,786	9.52%
1-07-6300-100 Supplies - Misc.	2,043	5,000		2,957	40.86%
Subtotal Operating Expenses	\$ 53,298	\$ 44,000	\$ -	\$ (9,298)	121.13%
Total Departmental Expenses	\$ 205,614	\$ 239,250	\$ -	\$ 32,952	85.94%

Palmdale Water District
2016 Human Resources Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-08-4000-000 Salaries	\$ 93,719	\$ 116,000		22,281	80.79%
1-08-4000-100 Salaries - Overtime	4				
1-08-4000-200 Salaries - Intern Program	31,619	40,000		8,381	79.05%
Subtotal (Salaries)	\$ 125,342	\$ 156,000		\$ 30,662	80.35%
Employee Benefits					
1-08-4005-000 Payroll Taxes	9,638	15,250		5,612	63.20%
1-08-4010-000 Health Insurance	15,566	18,250		2,684	85.29%
1-08-4015-000 PERS	6,599	7,250		651	91.02%
Subtotal (Benefits)	\$ 31,804	\$ 40,750	\$ -	\$ 8,946	78.05%
Total Personnel Expenses	\$ 157,146	\$ 196,750	\$ -	\$ 39,608	79.87%
OPERATING EXPENSES:					
1-08-4050-000 Staff Travel	\$ 35,952	\$ 27,500		\$ (8,452)	130.74%
1-08-4060-000 Staff Conferences & Seminars	16,017	25,000		8,983	64.07%
1-08-4070-000 Employee Expense	45,376	60,000		14,624	75.63%
1-08-4090-000 Temporary Staffing	14,739	-		(14,739)	
1-08-4095-000 Employee Recruitment	1,769	3,000		1,231	58.97%
1-08-4100-000 Employee Retention	2,938	20,000		17,062	14.69%
1-08-4105-000 Employee Relations	2,156	3,500		1,344	61.60%
1-08-4110-000 Consultants	3,797	1,000		(2,797)	379.68%
1-08-4120-100 Training-Safety	12,603	35,000		22,397	36.01%
1-08-4120-200 Training-Speciality	11,711	25,000		13,289	46.84%
1-08-4121-000 Safety Program	572	1,000		428	57.15%
1-08-4165-000 Membership/Subscriptions	714	1,600		886	44.63%
1-08-4165-100 HR/Safety Publications	93	1,000		907	9.28%
1-08-6300-500 Supplies - Safety	20,362	20,000		(362)	101.81%
Subtotal Operating Expenses	\$ 168,798	\$ 223,600	\$ -	\$ 54,802	75.49%
Total Departmental Expenses	\$ 325,943	\$ 420,350	\$ -	\$ 94,411	77.54%

Palmdale Water District
2016 Information Technology Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-09-4000-000 Salaries	\$ 179,322	\$ 225,500		\$ 46,178	79.52%
1-09-4000-100 Overtime	1,761	2,500		739	70.45%
Subtotal (Salaries)	\$ 181,084	\$ 228,000		\$ 46,916	79.42%
Employee Benefits					
1-09-4005-000 Payroll Taxes	13,775	16,000		2,225	86.09%
1-09-4010-000 Health Insurance	32,003	38,000		5,997	84.22%
1-09-4015-000 PERS	22,138	29,500		7,362	75.04%
Subtotal (Benefits)	\$ 67,916	\$ 83,500	\$ -	\$ 15,584	81.34%
Total Personnel Expenses	\$ 249,000	\$ 311,500	\$ -	\$ 61,762	79.94%
OPERATING EXPENSES:					
1-09-4155-000 Contracted Services*	\$ 94,803	\$ 121,500	\$ (11,000)	\$ 15,697	85.79%
1-09-4165-000 Memberships/Subscriptions	1,410	2,000		590	70.50%
1-09-4270-000 Telecommunications	66,949	79,250		12,301	84.48%
1-09-8000-100 Computer Equipment - Computers*	15,931	20,000	11,000	15,069	51.39%
1-09-8000-200 Computer Equipment - Laptops	14,349	16,000		1,651	89.68%
1-09-8000-300 Computer Equipment - Monitors	192	2,000		1,808	9.58%
1-09-8000-500 Computer Equipment - Toner Cartridges	109	3,000		2,891	3.62%
1-09-8000-550 Computer Equipment - Telephony	300	2,500		2,200	12.00%
1-09-8000-600 Computer Equipment - Other	17,266	40,000		22,734	43.17%
1-09-8100-100 Computer Software - Maint. and Support	25,171	60,000		34,829	41.95%
1-09-8100-140 Computer Software - Starnik	79,000	130,000		51,000	60.77%
1-09-8100-150 Computer Software - Dynamics GP Support	29,991	60,000		30,009	49.99%
1-09-8100-200 Computer Software - Software and Upgrades	7,287	20,000		12,713	36.43%
Subtotal Operating Expenses	\$ 352,757	\$ 556,250	\$ -	\$ 203,493	63.42%
Total Departmental Expenses	\$ 601,757	\$ 867,750	\$ -	\$ 265,255	69.35%

* Budget adjustments by General Manager per Appendix A

Palmdale Water District
2016 Customer Care Budget
For the Ten Months Ending Monday, October 31, 2016

	YTD ACTUAL 2016	ORIGINAL BUDGET 2016	ADJUSTMENTS 2016	ADJUSTED BUDGET REMAINING	PERCENT USED
Personnel Budget:					
1-10-4000-000 Salaries	\$ 717,694	\$ 929,250		\$ 211,556	77.23%
1-10-4000-100 Overtime	5,907	10,000		4,093	59.07%
Subtotal (Salaries)	\$ 723,601	\$ 939,250	\$ -	\$ 215,649	77.04%
Employee Benefits					
1-10-4005-000 Payroll Taxes	57,341	71,500		14,159	80.20%
1-10-4010-000 Health Insurance	187,055	217,000		29,945	86.20%
1-10-4015-000 PERS	92,522	119,000		26,478	77.75%
Subtotal (Benefits)	\$ 336,918	\$ 407,500	\$ -	\$ 70,582	82.68%
Total Personnel Expenses	\$ 1,060,519	\$ 1,346,750	\$ -	\$ 286,231	78.75%
OPERATING EXPENSES:					
1-10-4155-000 Contracted Services	\$ 17,088	\$ 22,000		\$ 4,912	77.67%
1-10-4230-110 Maintenance & Repair-Office Equipment	499	500		1	99.84%
1-10-4250-000 General Material & Supplies	7,079	7,500		421	94.38%
1-10-4260-000 Business Forms	-	10,000		10,000	0.00%
Subtotal Operating Expenses	\$ 24,665	\$ 40,000	\$ -	\$ 15,335	61.66%
Total Departmental Expenses	\$ 1,085,184	\$ 1,386,750	\$ -	\$ 301,566	78.25%

The Committed Contracts Schedule is being revised to include additional information and will be distributed at the meeting.

**PALMDALE WATER DISTRICT
BOARD MEMORANDUM**

DATE: December 7, 2016 **December 14, 2016**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Mr. Eric Dunn, General Counsel
RE: ***AGENDA ITEM NO. 7.4 – CONSIDERATION AND POSSIBLE ACTION
ON RESOLUTION NO. 16-19 BEING A RESOLUTION OF THE BOARD
OF DIRECTORS OF THE PALMDALE WATER DISTRICT ORDERING
EVEN-YEAR BOARD OF DIRECTORS’ ELECTIONS STARTING IN
NOVEMBER OF 2018 AND REQUESTING THE CONSOLIDATION OF
THE DISTRICT ELECTION WITH THE COUNTY ELECTION***

Recommendation:

Staff recommends that the Board consider adopting Resolution No. 16-19 ordering even-year elections for the Board of Directors starting in November of 2018 and requesting the consolidation of the District election with the County election.

Alternative Options:

1. As an alternate, adopt a resolution ordering even-year elections for the Board of Directors starting in November of 2020 or following even years.
2. Take no action at this time.

Impact of Taking No Action:

SB 415 prohibits political subdivisions from holding an election other than on a statewide election date if doing so has previously resulted in voter turnout at least 25% less than the average of the last four statewide general elections in that political subdivision. Because the District elections do not coincide with the statewide election dates, if the turnout in District elections after January 1, 2018 does not meet the SB 415 threshold, the District would be subject to challenge, and may have to pay the attorneys fees incurred by the challenger.

Background:

SB 415

Due to a concern over low voter turnout in elections not held concurrently with statewide elections, the state legislature passed and the Governor approved SB 415 with the apparent goal of ensuring all elections have an adequate voter turnout. Commencing January 1, 2018, SB 415 prohibits political subdivisions from holding an election other than on a statewide election date if

doing so has previously resulted in voter turnout at least 25% less than the average of the last four statewide general elections in that political subdivision. After January 1, 2018 if a political subdivision does not meet the SB 415 turnout threshold, the political subdivision will be subject to challenge under SB 415. SB 415 authorizes a voter to file an action in superior court to enforce the provisions of SB 415. If the voter is successful, SB 415 allows the voter to collect reasonable attorneys fees and litigation expenses in addition to requiring an offending political subdivision to change its election dates.

Resolution Establishing Even-Year November Elections and Requesting Consolidation With the County Elections

The attached resolution would order that District elections be held the first Tuesday after the first Monday in November of even-numbered years, starting in November of 2018. The attached resolution would also request that the County consolidate the District election with the County election. Finally, the attached resolution would direct the General Manager to forward the resolution to the County of Los Angeles Board of Supervisors and request that the County approve the District's request to consolidate the elections.

Effects on Director Terms

Should the District decide to change its election date to even-numbered years, the terms of the Directors will be affected. Pursuant to Elections Code Section 10404, "those governing body members whose terms of office would have, prior to the adoption of the resolution, expired prior to that election shall, instead, continue in their offices until their successors are elected and qualified, but in no event shall the term be extended beyond December 31 of the year following the year in which the request for consolidation is approved by the board of supervisors." (Elections Code §10404(i).) In plainer language this means all Director terms would be extended by a year.

Costs

If the County approves the consolidation aspect of the resolution, then all future District elections will be consolidated with the County-administered statewide elections held in November of even numbered years.

If only the change in election date is approved, and the County declines to approve permanent consolidation, then the District will be required to run its own local election concurrently on the statewide election date in November of even numbered years and it will need to either contract with a private entity or fully fund and staff the election itself. It may, however, request consolidation on a year to year basis, subject to approval by the County.

Strategic Plan Initiative:

None.

Supporting Documents

- Resolution No. 16-19

**PALMDALE WATER DISTRICT
RESOLUTION NO. 16-19**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
PALMDALE WATER DISTRICT ORDERING EVEN-YEAR
BOARD OF DIRECTORS' ELECTIONS STARTING IN
NOVEMBER OF 2018 AND REQUESTING THE
CONSOLIDATION OF THE DISTRICT ELECTION WITH
THE COUNTY ELECTION**

WHEREAS, the Palmdale Water District is an irrigation district and is a state agency formed and existing for government purposes pursuant to Water Code section 20570; and

WHEREAS, pursuant to Water Code section 20573, the District holds its general elections on the first Tuesday after the first Monday in November of odd-numbered years; and

WHEREAS, Elections Code sections 10505 and 10404 allow the District, by resolution, to require that elections of governing body members be held on the same day as the statewide general election; and

WHEREAS, pursuant to Elections Code section 1200, the statewide general election shall be held on the first Tuesday after the first Monday in November of each even-numbered year; and

WHEREAS, SB 415 prohibits a political subdivision from holding an election other than on a statewide election date if holding an election on a non-concurrent date has previously resulted in voter turnout at least 25 % less than the average of the last four statewide general elections in that political subdivision; and

WHEREAS, the Board of Directors desires to consolidate its election date with the statewide general election, starting in November of 2018.

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

Section 1. The above recitals are all true and correct and are hereby adopted as findings.

Section 2. The general elections for the Board of Directors shall be held on the statewide general election date, starting in November of 2018.

Section 3. The general elections for the Board of Directors shall, subject to approval by the County of Los Angeles, be consolidated with the County of Los Angeles November of even-year elections.

Section 4. The General Manager is directed to submit this resolution to the Los Angeles County Board of Supervisors no later 240 days prior to the November 2017 election date.

Section 5: If any section, subsection, paragraph, sentence, clause or phrase of this resolution is for any reason held to be invalid or unconstitutional, such invalidity or unconstitutionality shall not affect the validity or constitutionality of the remaining portions of this resolution, it being expressly declared that this resolution and each section, subsection, paragraph, sentence, clause and phrase thereof would have been adopted, irrespective of the fact that one or more other section, subsection, paragraph, sentence, clause or phrase be declared invalid or unconstitutional.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Board of Directors of Palmdale Water District held on December 14, 2016.

Robert Alvarado, President
Palmdale Water District

Joe Estes, Secretary
Palmdale Water District

Approved As To Form:

Eric Dunn
General Counsel

ANTELOPE VALLEY BOARD OF TRADE
“FIRE UP THE FUTURE” BUSINESS OUTLOOK CONFERENCE
February 24, 2017
Lancaster

TOTAL REMAINING BALANCE:_____

Please review these limitations.

ARRIVAL DATE/TIME: DEPARTURE DATE/TIME:

FIRE UP THE **FUTURE**

2017 BUSINESS OUTLOOK CONFERENCE

BUSINESS OUTLOOK CONFERENCE TO FIRE UP THE FUTURE!

45th Annual Business Outlook Conference Announced

PALMDALE, CALIF. (October 20, 2016)—The Antelope Valley Board of Trade announced the theme for the 45th Annual Business Outlook Conference—*Fire Up the Future*—today. The 2017 conference will be held Friday, February 24th.

“This year’s conference will not only celebrate our recent accomplishments in the Antelope Valley, but it will showcase what we’re doing as a valley together to develop tomorrow’s workforce,” adds Antelope Valley Board of Trade President Kelly Hanley.

Antelope Valley Board of Trade Vice President Ed Knudson will be leading the Business Outlook Conference committee and planning. With a passion for education, Knudson and his committee are planning to highlight local education programs that are engaging the valley’s youth today and developing the workforce of our future. In addition, Knudson and his committee are organizing a slate of dynamic speakers, who will educate, engage, and entertain the attendees throughout the day.

“Our conference offers a broad appeal to a diverse range of business and industry sectors, celebrating achievements made in recent years and firing up the momentum for more in the future,” adds Knudson.

The 2017 conference will be held at the Antelope Valley Fairgrounds in Lancaster, encompassing both the H.W. Hunter and Van Dam Pavilions. With more than 46,000 square feet of event and exhibit space, the conference is expected to attract more than 800 participants in a full day of displays, activities, and engaging presentations by globally renowned speakers. The Business Outlook Conference has grown to become the Antelope Valley’s largest and most enduring economic development outreach event.



TICKETS

Member Tickets: \$150.00

Individual Tickets: \$175.00

Member Table: \$1100 (\$100 off a table of 8)*

Individual Table: \$1300 (\$100 off a table of 8)*

*Limited seating available.

- Priority is given to the earliest reservations when accompanied by full payment.
- Ticket price includes admission to the conference, luncheon, refreshments and goodie bag.
- *To become a sponsor and/or order tickets, contact the Antelope Valley Board of Trade at (661) 947-9033 or administration@avbot.org*

FIRE UP THE FUTURE
2017 BUSINESS OUTLOOK CONFERENCE

Kareem Abdul-Jabbar Selected as Keynote Speaker!



With the theme “*Fire up the Future!*” selected for the 2017 Antelope Valley Business Outlook Conference, the public might well expect the keynote speaker to be a world-famous innovator and inspiration to millions, who is also fabulously successful in life and in business.

Welcome **Kareem Abdul-Jabbar**, the NBA’s all-time leading scorer and a six-time NBA champion. He is also one of a handful of influential and respected black men in America who has a national platform as a regular contributing columnist for The Washington Post and Time Magazine, where he shares his thoughts on some of the most socially relevant and politically controversial topics facing our nation today. After 50 years as an athlete, activist, and New York Times best-selling author, he offers his perspectives as a nationally recognized speaker who regularly appears on the lecture circuit. His new political book, *Writings on the Wall – Searching for a New Equality Beyond Black and White* was released Fall 2016 by Time Books and offers his personal perspectives on political issues facing America today.

Late last year, his HBO Sports documentary, *Kareem: Minority of One*, debuted as HBO’s most watched and highest rated sports documentary of all time.

Currently Abdul-Jabbar serves as the chairman of his Skyhook Foundation whose mission is to “*Give Kids a Shot That Can’t be Blocked*” by bringing educational STEM opportunities to under-served communities through innovative outdoor environmental learning. In 2012, Kareem was appointed to be the only U.S. Cultural Ambassador by then Secretary of State Hillary Rodham Clinton. His most recent projects include his debut novel *Mycroft Holmes*—a mystery novel and the first of an action/mystery series based on Sherlock Holmes’s savvy older brother—released by Titan Publishing. In addition to the success of his novel, his first comic book series, *Mycroft Holmes & the Apocalypse Handbook* was released during Comic-Con in San Diego in July 2016 and continues to be a bestseller. His next book will be a memoir entitled *Coach Wooden & Me – our 50 year friendship* and is set to debut June 2017.

NASA Astronaut, Captain Sunita L. Williams, to Speak at Conference!



Williams has spent a total of 322 days in space and ranks sixth on the all-time US endurance list, second all-time for female astronauts. With 50 hours and 40 minutes, she also holds the record total cumulative spacewalk time by a female astronaut. In 2007, she also ran the Boston Marathon from the International Space Station!

This impressive astronaut is currently assigned to the cadre of astronauts training to fly the initial test flights for America's first commercially built spacecraft for Boeing CST-100 Starliner and SpaceX Dragon. Captain Williams and her crewmates are working closely with the commercial providers to develop their new spacecraft systems, which will eventually provide roundtrip crew transportation services to the International Space Station beginning in 2017.

Born in Euclid, Ohio, Williams considers Needham, Massachusetts to be her home town. After achieving her Bachelor of Science in Physical Science at the US Naval Academy in 1987, she strove for her Master of Science in Engineering Management at the Florida Institute of Technology and achieved her goal in 1995. Shortly after these prestigious accomplishments, she was selected as an astronaut by NASA in 1998 and is now a veteran of two space missions, Expeditions 14/15 and 32/33.

Her awards include 2 Navy Commendation Medals, a Navy and Marine Corps Achievement Medal, a Humanitarian Service Medal, and various other service awards. Tickets to hear Captain Sunita Williams speak at the 45th Annual Antelope Valley Board of Trade Business Outlook Conference, along with Keynote speaker Kareem Abdul-Jabbar, are available for purchase now at www.avbot.org or by calling 661-947-9033.

ACWA DC 2017 ANNUAL WASHINGTON D.C. CONFERENCE
February 28 to March 2, 2017
Washington, D.C.

NAME: _____

ADVANCE REGISTRATION/CANCELLATION DEADLINE: FEBRUARY 10, 2017

MEALS: YES SPOUSE: YES SPOUSES' TOUR: YES
 NO NO NO

DEPARTMENTAL TRAVEL BUDGET:

REGISTRATION: _____ TRAVEL: _____

TOTAL REMAINING BALANCE: _____

PROPOSED EXPENSES: Registration: _____
 Transportation: _____
 Meals:* _____
 Miscellaneous: _____
 TOTAL: _____

*DIRECTORS: Expenses are outlined in Section 4.06.1 of the District's Rules and Regulations.

*FOR STAFF: Meal limitations are outlined on pages 30 and 31 of the District's Employee Manual.

Please review these limitations.

HOTEL ACCOMMODATIONS: YES NO REGISTRATION DEADLINE: 2-6-2017
ARRIVAL DATE/TIME: _____ DEPARTURE DATE/TIME: _____

TYPE OF ACCOMMODATIONS: _____ SINGLE (1 PERSON)
 _____ DOUBLE (2 PEOPLE)
 _____ (2 PEOPLE/2 BEDS)

AIRLINE RESERVATIONS: YES NO

DEPART FROM _____ on _____ at _____ AM/PM
 (airport) (date) (time)

RETURN FROM _____ on _____ at _____ AM/PM
 (airport) (date) (time)

SUPERVISOR APPROVAL: _____ DATE: _____

ACWA DC2017

Annual Washington D.C. Conference

February 28
to March 2

St. Regis Hotel, Washington, D.C.

Event Information:

ACWA's 2017 Washington, D.C. Conference is set for February 28 - March 2, 2017 at the St. Regis Hotel in Washington, D.C.

Online Registration & cancellation deadline is February 10, 2017 - 4:30 p.m. (PST)

Why Attend?

Learn firsthand the priorities of Congress and the new administration. Get the latest on the budget and funding for your programs of interest. Meet and join fellow Water Agencies to show the importance of California water issues. Be there right from the start to better develop your federal legislative and regulatory strategies.

What Can You Expect?

Hear from Congressional leaders, top officials at EPA, Army Corps, Bureau of Reclamation and Department of Justice. Learn the 2017 agendas of members of the California Congressional Delegation. Hear from 'DC Insiders' about the 2016 elections.

Please contact us at 916.441.4545 if you have any questions.

Sponsorship Opportunities:

Throughout each calendar year ACWA hosts a variety of events which provide the opportunity to get your organization's name out in front of the California water community.

When you become an ACWA sponsor, your company joins forces with a century-old guiding force in California water policy. You will gain recognition, respect and the opportunity to develop relationships with California's immense water community.

Whether developing new relationships with water leaders or enhancing your current ones, ACWA offers many exciting opportunities to do so. As a sponsor, your organization will reach a targeted audience of California's water decision makers, which includes:

- Directors
- General Managers
- Elected State & Federal Officials
- Attorneys
- Communications Professionals
- Engineers
- Financial Managers
- Human Resource Managers
- Water Quality Specialists
- Other key staff of public agencies

PRICING REFERENCE SHEET

ACWA DC2017

Annual Washington D.C. Conference

February 28 – March 2

St. Regis Hotel, Washington, D.C.

Register online @ acwa.com

Regular registration and cancellation deadline is February 10, 2017 • 4:30 p.m. (PST)

REGISTRATION FEES & OPTIONS	REGULAR	ONSITE
Advantage (For ACWA public agency members, affiliates & associates ONLY)	(ends 2/10/17)	
Full Conference Registration & Meals Package	\$645	Not Avail.
Full Conference Registration Only	\$555	\$575
Wednesday (March 1) Conference Registration Only	\$320	\$340
Thursday (March 2) Conference Registration Only	\$270	\$290
Standard (Applies to non-members of ACWA)		
Full Conference Registration Only	\$830	\$840
Wednesday (March 1) Conference Registration Only	\$480	\$490
Thursday (March 2) Conference Registration Only	\$405	\$415
Guest (Guest registration is not available to anyone with a professional reason to attend.)		
Guest Conference Registration Only	\$50	\$50

MEAL FUNCTIONS	REGULAR	ONSITE
Tuesday – February 28		
Congressional Reception	No Added Charge	No Added Charge
Wednesday – March 1		
Full Breakfast	\$55	\$60
Networking Reception	No Added Charge	No Added Charge
Thursday – March 2		
Full Breakfast	\$55	\$60

HOTEL INFORMATION

You must be registered for the ACWA D.C. Conference in order to make hotel reservations at the special room rate.

St. Regis Hotel

923 16th and K Streets, N.W., Washington, DC 20006

Phone: 202-638-2626

Special Hotel Rate: \$315 per night + taxes & fees (The cut-off date to receive this special rate is February 6, 2017)

Reservations can be made by calling 202-638-2626 (Please identify yourself as part of ACWA)

Any reservation made after February 6, 2017 is subject to the hotel's regular room rate and based on availability.

Hotel Questions, Cancellation or Changes: Contact hotel directly at 202-638-2626.

PAYMENT METHODS

☒ Check payable to ACWA – 910 K Street, Ste. 100 • Sacramento, CA 95814

☒ Charge credit card: MasterCard or Visa

For your security, you must call ACWA Accounting at 916-441-4545 and provide your credit card information over the phone.

Questions? Contact us at 916.441.4545, toll free 888.666.2292.

Conference terms and conditions available at acwa.com in the event section.

REGISTRATION TERMS & CONDITIONS

ACWA DC2017 ~ Annual Washington D.C. Conference

February 28-March 2, 2017 | St. Regis Hotel, Washington, D.C.

Register online @ acwa.com

Regular registration and cancellation deadline is February 10, 2017 • 4:30 p.m. (PST)

WHO IS ELIGIBLE FOR "ACWA ADVANTAGE" PRICING?

ACWA Advantage pricing is available to the following registrants:

- An officer or director of an ACWA member agency.
- A person directly employed by an ACWA public agency member, affiliate or associate organization. This does not include independent contractors, service providers, or third-party vendors.
- Any ACWA board member whose fee is paid for by member agency.
- Any state or federal administrative or legislative personnel in elected, appointed or staff positions.
- Staff of ACWA/JPIA and Water Education Foundation.
- Any individual or honorary life member of ACWA.

MEMBERSHIP INFORMATION - *Become a Member & Save on ACWA Events*

If you are interested in learning more about becoming an Associate Friend of ACWA, contact Jennifer Savage at JenniferS@acwa.com. For public agency membership, please contact Tiffany Giammona at TiffanyG@acwa.com.

CANCELLATIONS & CHANGES

All registration changes and cancellations must be made in writing by the event registration deadline. Valid cancellation requests will receive a refund of any registration fees paid minus a \$75 processing charge. For payments originally made by credit card, refunds can be issued back onto the credit card within 60 days. Otherwise, a refund will be issued by check. No refunds or registration changes will be granted after the registration deadline. Submit request in writing to Teresa Taylor at TeresaT@acwa.com.

SUBSTITUTIONS

Event registrations are transferable from one participant to another within the same organization. Please submit your request in writing before the event registration deadline to Teresa Taylor at TeresaT@acwa.com. Include the original registrant's name, the new person's name, title and email address with your request. After the registration deadline, substitutions will be handled on-site. Only one substitution is permitted per original registrant. The individual submitting the substitution request is responsible for all financial obligations (including any balance due) associated with the original registration. There is no fee to transfer an eligible registration.

SPECIAL REQUESTS & ACCOMMODATIONS

Special requests must be submitted in writing to Teresa Taylor at TeresaT@acwa.com. Participants are encouraged to submit changes and special requests as soon as possible. If you have a disability that requires an accommodation, please contact Teresa Taylor at TeresaT@acwa.com or call toll free at (888) 666-2292 to discuss your needs.

REFUNDS

Except as otherwise provided in this document, all payments and fees are nonrefundable after the registration deadline.

MEAL TICKETS

After the registration deadline, meal tickets are not eligible for exchange, refund or credit after the event registration deadline.

NONATTENDANCE

Registrants who fail to attend the event, in part or in whole, are not eligible for a refund or credit and will be billed for any balance due.

GUEST REGISTRATION

Guest registration is available to a spouse, companion or guest of an ACWA event registrant. Guest registration is not available to any employees of a public agency, associate or affiliate/mutual water company. Guest registration is also not available to anyone with a professional reason to attend for purposes of learning or business. The guest registration includes admission to the receptions and the ability to purchase meal tickets and attend meal functions.

Questions? Contact us at 916.441.4545, toll free 888.666.2292.

San Diego



CALIFORNIA ANNUAL CONFERENCE

RECYCLED WATER...
FROM EVOLUTION TO REVOLUTION

March 19 - 21, 2017

Westin San Diego Hotel
San Diego, CA

2017 WateReuse California Annual Conference

**March 19-21, 2017
Westin San Diego
San Diego, California**

The WateReuse California Annual Conference is the largest state-wide conference presenting what's new and what's next in recycled water policy, operations, technology and public perception.

The conference is designed for individuals, organizations, and agencies that are associated with or interested in the design, management, operation, and use of water recycling facilities and projects in California. The conference will feature more than 60 technical presentations, poster presentations, technical tours, receptions, an awards luncheon, the annual Gordon Cologne Breakfast, and the ever popular exhibition component.

WateReuse is internationally-recognized as a thought-leader on alternative water supply development. It is the go-to organization for applied research, policy guidance and educational tools on water reuse as well as the principle influencer of public opinion, lawmakers and policymakers on policy and projects related to water reuse.

Sunday, March 19, 2017

12:00 p.m. – 5:30 p.m.

Registration Open

1:00 p.m. – 5:00 p.m.

Technical Tour: Pure Water San Diego and Claude “Bud” Lewis Carlsbad Desalination Plant (*additional fees apply*)

Technical Sessions

A1:
IPR Planning

B1:
Ozone/BAC

C1:
**Industrial/Commercial/
Institutional**

3:00 p.m. – 3:30 p.m.

Maximizing Every Drop - Balancing NPR Demands with the Need IPR in Oceanside

Scott Goldman, RMC Water and Environment

O3 Squared - Ozone-Biofiltration-Ozone-UV in Melbourne

Nick Burns, Black & Veatch

Full Scale Reclamation of Hospital Wastewater at a Danish University Hospital

Ulf Nielsen, DHI

3:30 p.m. – 4:00 p.m.

Goldilocks - A Potable Reuse Solution That's Just Right... the Story Continues

Christina Casler, Carollo Engineers

Real-time Control of Ozone-Enhanced Biologically Active Filtration for Reuse

Tony Zhang, Xylem

California's First Fully Dual-Plumbed Hotel

Gabriel Vargas, Irvine Ranch Water District

4:00 p.m. – 4:30 p.m.

Water Independence Now - The Road to Locally Sustainable Water Resources

Robb Whitaker, The Water Replenishment District of Southern California

Optimization of Ozone-BAC Processes for Potable Reuse Applications

Vijay Sundaram, Stantec

Technical and Programmatic Considerations for Cooling Tower Reuse

Mallika Ramanathan, Brown and Caldwell

4:30 p.m. – 5:00 p.m.

Working Together to Increase in Reuse in Santa Clarita Valley

Dawn Taffler, Kennedy/Jenks Consultants

The Rise of Ozone BAF for Potable Reuse in California and Beyond

Melanie Holmer, MWH, now a part of Stantec

EMWD's Accelerated Retrofit Program, Keeping Community Recreation in a Drought

John Wuerth, Eastern Municipal Water District

5:00 p.m. – 6:30 p.m.

Welcome Reception

Monday, March 20, 2017

7:30 a.m. – 3:30 p.m.	Registration Open		
7:30 a.m. – 3:30 p.m.	Exhibit Hall Open		
7:30 a.m. – 8:30 a.m.	Continental Breakfast		
8:30 a.m. – 9:30 a.m.	Opening Session		
9:30 a.m. – 10:00 a.m.	Networking Break		
9:30 a.m. – 10:0 a.m.	Poster Sessions		
Technical Sessions	A2: Treatment Innovation	B2: Panel Discussion: San Diego’s Pure Water Program	C2: Lessons Learned
10:00 a.m. – 10:30 a.m.	Custom Engineered Microfiltration System at West Basin’s Carson Recycling Plant Nathan Boyle, Hazen and Sawyer	This panel will cover the topics of recycled water planning, regulatory issues, and environmental benefits of the Pure Water San Diego Program. Additionally, it will highlight key challenges of the program, and how the program team has addressed them to maintain project viability and program schedule.	Groundwater Replenishment System Final Expansion Challenges Sandy Scott-Roberts, Orange County Water District
10:30 a.m. – 11:00 a.m.	Online Detection & Removal of Colloidal Particles to Improve Membrane Efficiency Jana Safarik, Orange County Water District		Carlsbad – Seawater Desalination Plant – One Year of Operation David Moxey, IDE Americas
11:00 a.m. – 11:30 a.m.	Evaluation of the Cloth Media Depth Filter at Rates up to 21 gpm/ft2 Onder Caliskaner, Kennedy/Jenks Consultants		The Unexpected Consequences of the Drought on Water Reuse Facilities Linda Sawyer, Brown and Caldwell
11:30 a.m. – 12:00 p.m.	Natural Attenuation of N-Nitrosodimethylamine (NDMA) Precursors in a De Facto Po Gwen Woods-Chabane, HDR		Chloride in Recycled Water for of Napa Wine Grapes: Identification of Solutions Andrew Damron, Napa Sanitation District
12:00 p.m. – 1:30 p.m.	Awards Luncheon and Annual Membership Meeting		

Technical Sessions	A3: LRVs	B3: San Diego Surface Water Augmentation	C3: Data Management and Analysis
1:30 p.m. – 2:00 p.m.	LRV Credit using Fluorescence Based, Real Time Membrane Integrity Monitoring <i>Jason Fues, Nalco Water</i>	The Benefits of Reservoirs for Protecting Public Health in Potable Reuse <i>Brian Pecson, Trussell Technologies</i>	Finding the Right Balance: Diversification of NPR and IPR at Eastern MWD <i>David Ahles, Eastern Municipal Water District</i>
2:00 p.m. – 2:30 p.m.	Proposed Methodology for determining RO Unit Integrity for Pathogen Removal <i>James Vickers, Separation Processes, Inc.</i>	Evaluation of Surface Water Augmentation at Lake Jennings <i>Seval Sen, Padre Dam Municipal Water District</i>	Recharge City <i>Barry Lehrman, Cal Poly Ponoma</i>
2:30 p.m. – 3:00 p.m.	Achieving Maximum Pathogen Removal Credit for UF and RO in Potable reuse Schemes – Full-Scale Experience at the Beenyup Advanced Water Recycling Facility <i>Jim Lozier, CH2M</i>	Escondido's Reuse Program for Agriculture and IPR via Surface Water Augmentation <i>Jim Rasmus, Black & Veatch</i>	Dynamic Data Analysis for AWT Facilities with Off- the-Shelf Software <i>Jocelyn Lu, Brown and Caldwell</i>
3:00 p.m. – 3:30 p.m.	Networking Break		
3:00 p.m. – 3:30 p.m.	Poster Sessions		
Technical Sessions	A4: Today's MBRs	B4: Regulatory Regatta	C4: Economics
3:30 p.m. – 4:00 p.m.	Meeting Today's Industrial Water Demands and Tomorrow's Challenges –Tertiary MBR <i>Bryce Danker, Hazen and Sawyer</i>	Engaging in Discussions Regarding Updates to the Recycled Water Policy <i>Laura McLellan, State Water Resources Control Board</i>	Economic Benefits of Water Reuse and the Impact of Drought <i>Justin Mattingly, Water Environment & Reuse Foundation</i>
4:00 p.m. – 4:30 p.m.	Case Studies to Advance Knowledge of Ceramic MBR Technology for Water Reuse <i>James DeCarolus, Black & Veatch</i>	Direct Potable Reuse Expert Panel on Developing Criteria for Reliability <i>Brian Bernados, State Water Resources Control Board</i>	The Dollars and Cents of a Recycled Water Program Alternatives Analysis <i>Monique Day, West Yost Associates</i>
4:30 p.m. – 5:00 p.m.	MBRs for Potable Water Reuse - Proving Pathogen Removal Performance	The SWRCB and DWR 2015 California Recycled Water Survey Result	The Economics of Desalination and Reuse – How to achieve "Water Grid Parity"

	Nicola Fontaine, Carollo Engineers	Tonianne Pezzetti, California Department of Water Resources	Udi Tirosh, IDE Technologies
6:00 p.m. – 9:00 p.m.	Networking Dinner and Reception at the House of Blues		
Tuesday, March 21, 2017			
8:00 a.m. – 12:00 p.m.	Registration Open		
8:00 a.m. – 9:30 a.m.	Gordon Cologne Breakfast		
9:30 a.m. – 2:30 p.m.	Exhibit Hall Open		
9:30 a.m. – 10:00 a.m.	Networking Break		
9:30 a.m. – 10:00 a.m.	Poster Sessions		
Technical Sessions	A5: Design Stories from South to North	B5: Stormwater and Agriculture	C5: Public Outreach
10:00 a.m. – 10:30 a.m.	Expanding Reuse for City of Carlsbad Evelyn Chang, CDM Smith	Keep San Clemente Green & Clean: Impact of Integrating Urban Runoff into WRP Nathan Chase, RMC Water and Environment	It Takes a Village: Ensuring Success in Advancing Water Reuse Program Halla Razak, City of San Diego
10:30 a.m. – 11:00 a.m.	"Fit for Purpose" Potable Reuse Treatment Strategies for the City of Los Angeles Roshanak Aflaki, City of Los Angeles Public Works, Bureau of Sanitation	Non-Potable Reuse and Stormwater Ordinance Synergy: San Francisco's Approach Eric Zickler, Lotus Water	Sometimes Backwards is Better - A New Twist on Public Outreach for Potable Reuse Steve Thomas, Pure Water Monterey
11:00 a.m. – 11:30 a.m.	Pure Water Monterey: Successful Fast-Track Design of Northern California's First Todd Reynolds, Kennedy/Jenks Consultants	Recycled Water Storage and Runoff Study Kevin Booker, Sonoma County Water Agency	Survey Says? Californians Ready for Potable Reuse Abigail Antolovich, Xylem
11:30 a.m. – 12:00 p.m.	Potable Reuse Demo Testing at Silicon Valley Advanced Water Purification Center Hossein Ashktorab, Santa Clara Valley Water District	State of Agricultural Reuse of Recycled Water-- Impediments and Incentives Bahman Sheikh, Water Reuse Consulting	No Gaps: Using an Integrated Team Approach for Project Success Karen Snyder, Katz & Associates

12:00 p.m. – 2:00 p.m.	Town Hall Plenary Session and Luncheon		
2:00 p.m. – 2:30 p.m.	Networking Break		
2:00 p.m. – 2:30 p.m.	Poster Sessions		
Technical Sessions	A6: Soil Aquifer Treatment	B6: Operational Issues	C6: Disinfection Solutions
2:30 p.m. – 3:00 p.m.	FODTS as a Tool for Measuring Recharge Rate in a Potable Reuse Spreading Basin <i>Christine Pham, Orange County Water District</i>	Performing Pipe Loop Pilot Studies: Assessing and Integrating New Water Supplies <i>Jonathan Loveland, Black & Veatch</i>	Maximizing Disinfection Infrastructure for both Potable- and Non-potable Reuse <i>Al Lau, Padre Dam Municipal Water District</i>
3:00 p.m. – 3:30 p.m.	Soil Aquifer Treatment & Infiltration Results for the Palmdale Regional GRRP <i>Paul Chau, Kennedy/Jenks Consultants</i>	Water Quality Influences of Desalinated Seawater from the Carlsbad SWRO Plant <i>Brent Alspach, Arcadis</i>	City of Lathrop CTF Phase 2 Expansion and Free Chlorine Disinfection Study <i>Andy Komor, Pacific Advanced Civil Engineering, Inc.</i>
3:30 p.m. – 4:00 p.m.	Soil Column Testing for San Fernando Valley Groundwater Recharge <i>Yoshiko Tsunehara, Los Angeles Department of Water and Power</i>	Orange County's Ground Water Replenishment System Expansion - Operating Results <i>Vasu Veerapaneni, Black & Veatch</i>	The Treatment of RO Permeate for Potable Reuse using UV/Chlorine Advanced Oxidation <i>Keith Bircher, Calgon Carbon UV Technologies</i>

Poster Presentations

Deep Well Placement of Biosolids with Other Waste Water Residuals

Diane Jones, City of Los Angeles

Educating NextGen on Advanced Water Purification

Melissa McChesney, Padre Dam Municipal Water District

New Water Brew - Recycling Water for the Highest Purpose

Abigail Antilovich, Xylem

Pretreatment of WWTP effluents for Reverse Osmosis Reuse consisting of dual biol

Gal Greenberg, IDE Technologies

Salt/Nutrient Challenges in the San Fernando Valley

Anthony Hicke, Upper Los Angeles River Area Watermaster

Technical Tour

Pure Water San Diego and Claude “Bud” Lewis Carlsbad Desalination Plant

Sunday, March 19, 2017

11:00 am – 4:30 pm

Fee: \$55

With little rain and limited local water supplies, the San Diego region imports more than 80% of its fresh water from the Colorado River and Northern California. Rising imported water costs, population growth and the ongoing drought threaten the region’s water reliability. Leveraging uniquely collaborative efforts throughout the region to reduce reliance on imported water, innovative solutions are being implemented including expanded recycled water use, potable reuse through surface water augmentation, and ocean desalination. This tour program will explore the challenges facing the San Diego region and highlight the two largest programs that will ultimately produce 135 million gallons per day of local water supply.

Pure Water San Diego Program:

The City of San Diego is moving forward with Pure Water San Diego, a phased, multi-year program that will provide 1/3 of San Diego’s water supply locally by 2035. Phase 1 will produce 30 mgd of pure water and Phase 2 will produce an additional 53 mgd for a total of 83 mgd.

Over lunch, tour attendees will view an introductory presentation to learn about San Diego’s water supply challenges and how water purification will provide a reliable, sustainable and cost-effective drinking water supply for San Diego. Attendees will then take a guided walking tour through the 1 mgd demonstration Pure Water Facility, where proven technology is used to clean recycled water to produce safe, high-quality drinking water utilizing ozonation, biological activated carbon, membrane filtration, reverse osmosis and advanced oxidation with ultraviolet light.

Tour attendees will see the equipment and resulting purified water up close and have an opportunity to compare samples of purified, tap, bottled and recycled water. Finally, attendees will be offered the opportunity to taste a sample of the purified water produced by the facility.

Claude “Bud” Lewis Carlsbad Desalination Plant:

The Claude “Bud” Lewis Carlsbad Desalination Plant is a 50 million gallon per day (56,000 acre-feet per year (AFY)) seawater desalination plant located adjacent to the Encina Power Station in Carlsbad, California. Desalination has evolved into a desirable water supply alternative by tapping the largest reservoir in the world – the Pacific Ocean. A 30-year Water Purchase Agreement is in place between the San Diego County Water Authority and Poseidon Water for the entire output of the plant. The facility utilizes granular media filtration pre-treatment, microfiltration, reverse osmosis, and post-treatment re-mineralization. The plant has been delivering water to the businesses and residents of San Diego County since December 2015.

2017 WateReuse California Annual Conference

Full Name	First Name as it should appear on your badge		
Title	Organization		
Address			
City	State/Province	Postal/Zip Code	Country
Phone			
E-Mail Address	cc: E-Mail Address		

ADDITIONAL INFORMATION – *Please check all that apply.*

- ☐ This is my first California Section Conference
☐ I have the following dietary restrictions: _____

REGISTRATION FEES – *Please circle the appropriate fees that apply.*

	On or Before 1/23/17	Between 1/24/17-3/6/17	Onsite Registration After 3/6/17
Registration Rates			
WateReuse Association Members	\$400	\$450	\$500
NonMembers	\$500	\$550	\$600
Speaker Registration	\$250	\$300	\$350
One Day Rate – Sunday	\$75	\$125	\$175
One Day Rate – Monday	\$250	\$300	\$350
One Day Rate – Tuesday	\$250	\$300	\$350
Full Time Student	\$100		

Technical Tour

Pure Water San Diego and Claude “Bud” Lewis Carlsbad Desalination Plant \$55

Guest Tickets

Guest at Sunday’s Welcome Reception	\$25
Guest at Monday’s Awards Luncheon	\$25
Guest at Monday’s Networking Dinner	\$45
Guest at Tuesday’s Gordon Cologne Breakfast	\$20

PAYMENT – Full payment must accompany your advance registration form. Your signature below authorizes WateReuse to charge your credit card the total payment and acknowledges there are no refunds after March 6, 2017.

☐ Check (payable to the WateReuse) ☐ VISA ☐ MasterCard ☐ AMEX

☐ Purchase Order # _____

Card Number	Expiration Date	Security Code	
Billing Address	City	State	Zip
Print Cardholder Name	Total Due		
Signature	Date		

E-mail, Fax or Mail completed registration forms to:

E-mail

Scan your registration form and e-mail it to ctharpe@watereuse.org

Fax

(703) 548-5085

Faxed registration must be accompanied by full payment.

Mail

WateReuse

1199 North Fairfax Street, Suite 410

Alexandria, VA 22314

Registration includes:

	Member, Speaker & Student Registration	Nonmember Registration	One Day Only Registration
Technical Tours	No	No	No
Technical Sessions	Yes	Yes	Registered Day Only
Exhibit Hall	Yes	Yes	Registered Day Only
Welcome Reception (Sunday)	Yes	Yes	Sunday Only Registrants
Continental Breakfast (Monday)	Yes	Yes	Monday Only Registrants
Awards Luncheon (Monday)	Yes	Yes	Monday Only Registrants
Networking Dinner (Monday)	Yes	Yes	Monday Only Registrants
Gordon Cologne Breakfast (Tuesday)	Yes	Yes	Tuesday Only Registrants
Town Hall Plenary Session and Luncheon (Tuesday)	Yes	Yes	Tuesday Only Registrants

Hotel and Travel Information

The 2017 WateReuse California Annual Conference will be held at the Westin San Diego Hotel in San Diego, California.



The Westin San Diego Hotel
400 West Broadway
San Diego, CA 92101

Room Rate: \$225 per night plus tax

The room rate includes complimentary internet access in guest rooms.

Reservations must be made by February 27, 2017 in order to guarantee the Group Rate of \$225 per night.

Reservations

To make your reservation call 1-888-627-9033

Please refer to the WateReuse California Annual Conference when making reservations to obtain the conference rate.

Transportation

Airport Shuttle Service

The Westin San Diego provides San Diego Airport shuttle service to/from the San Diego International Airport between 6am and 11pm, 7 days a week. Once you have collected your luggage, please contact the hotel at (619) 239-4500 and one of our operators will give you directions to the pick-up area and an estimated time of arrival as to when the driver will be there to pick you up. If you wish to take our shuttle to

the airport, please make arrangements at the luggage desk 24 hours prior to your departure.

Getting around San Diego

Taxis, whether the traditional kind or “pedicabs”, are readily available. The Red Trolley is a public transit system which offers transportation from the Mexican border through downtown and Mission Valley to parts of the East County. The Old Town Trolley offers a stop just outside of the hotel and offers tours throughout San Diego’s Old Town and Coronado Island. See our Concierge for details about times and pricing.

Alternative Transportation Options to Airport

Uber

- Guests who have an active SPG account and an Uber account can now [register](#) to participate in the SPG-Uber Benefits Program which allows you to earn one Starpoint for every U.S. dollar you spend with Uber.

Bus

- 992 Flyer leaves every 15 minutes from bus stop outside of hotel on Broadway (\$2.50/one way)

Santa Fe Depot

- The bus depot is just one block from our hotel, within easy walking distance

Please note: When navigating to the hotel, the best address to use is 1051 Columbia Street, which will place you at the main lobby entrance.

CEUs and PDHs

The WaterReuse California Annual Conference is pleased to offer Professional Development Hours (PDHs) for all states and Continuing Education Units (CEUs) in the state of California.

How many educational credits can I earn at the California Annual Conference?

By attending all sessions on Sunday, Monday, and Tuesday, you can earn up to 1.5 Continuing Education Units (CEUs) and 15 Professional Development Hours (PDHs).

How do I earn educational credits at the California Annual Conference?

In order to receive CEU credit, you will be required to sign-in and sign-out of every session you attend. If you forget to sign-in or sign-out of a session, you will not receive credit for that session; you must do both at every session you attend.

In order to receive PDH hours, you will need to complete the PDH form located in your registration packet. These forms can be dropped off at one of the drop boxes located throughout the conference or mailed to the WaterReuse office after the conference.

When will I receive credits for the California Annual Conference?

Certificates and transcripts will be made available to participants electronically within 8-10 weeks after the Conference. Please keep in mind that, although WaterReuse does provide these files, most states will require the individual licensee to report continuing education credits. In California, this will need to be done directly with CWEA.

General Information

Terminology and education credit requirements and restrictions vary widely. All participants are responsible for checking with their license/certification authority to ensure that the WaterReuse technical concurrent sessions meet specific requirements.

CEU and PDH Credit Calculations:

1.0 CEU = 10 Hours of session time

1.0 PDH = 1 Hour of session time

1.0 Contact Hour = 1 Hour of session time

For Example: 1.2 CEU Credits = 12.0 PDH Credits or 17.0 PDH Credits could equate to 1.7 CEU Credits Depending on individual state regulations

Call for Award Nominations

Nominations Due – January 13, 2017

Award Winners Notified – February 13, 2017

The WaterReuse California Section will present Awards of Excellence during the 2017 WaterReuse California Annual Conference to be held March 19-21, 2017 at the Westin San Diego Hotel in San Diego, California. Now is the time to recognize, or be recognized, on a statewide level by the leading WaterReuse organization in California.

All members are eligible to submit nominations for the following awards:

- **Recycled Water Agency of the Year**
Category 1 – Large (beneficial reuse greater than 5,000 AFY)
Category 2 – Medium (beneficial reuse between 1,000 and 5,000 AFY)
Category 3 – Small (beneficial reuse less than 1,000 AFY)
- **Recycled Water Outreach/Education Program of the Year**
- **Recycled Water Advocate of the Year**
- **Recycled Water Customer of the Year**
- **Recycled Water Staff Person of the Year**

Back By Popular Demand....

- **Video Submissions** – are encouraged as part of your supporting text or supplemental documentation. Make your nomination stand out by including a promotional clip, project/agency video, iPhone montage, interview or other videos. Videos can be submitted by including a link to a website, YouTube, or other vehicle that allows for video download. Alternatively, videos can be uploaded to the WaterReuse FTP site at <https://www.hightail.com/u/WaterReuse>
- **Conference App** – we are excited again this year to offer the 2017 WaterReuse California Conference Mobile App. Award winner descriptions, videos and photos will be uploaded to the Mobile App and available for viewing before, during and after the conference
- **Awards Luncheon** – if you are chosen as an award winner, video submissions will be integrated into the Awards Presentation. If you didn't include a video with your original submission, we encourage you to create one after you are notified that you have won. All award winners should submit their final videos by **February 27, 2017** and shall be no more than 1 minute in length.

To Submit an Award Nomination:

- 1) Combine your [Nomination Form](#) and Supporting Documents into one file and send them as a Word or PDF File to ctharpe@watereuse.org
 - 2) Videos can be included in your nomination packet or uploaded to the WaterReuse FTP site <https://www.hightail.com/u/WaterReuse>
- Technical Papers are **NOT** required for speakers at the 2017 WaterReuse California Annual Conference.

Speaker Discount: A Conference registration discounts of \$150 off the member registration rate will be provided for all speakers.

Important Dates

- | | |
|----------------------|------------------------------|
| • September 26, 2016 | Abstracts due |
| • October 31, 2016 | Authors notified |
| • March 6, 2017 | PowerPoint Presentations due |

EXHIBIT OPPORTUNITIES

A booth placed strategically at the 2017 WaterReuse California Annual Conference will put your organization at the center of all the action. WaterReuse recognizes that exhibits are an integral component to the success of the 2017 WaterReuse California Annual Conference. The Exhibit Hall is designed to maximize face-to-face communication between exhibitors and attendees. In addition to posted hours, the following traffic-boosting events will be held in the Exhibit Hall:

Welcome Reception: Sunday, March 19

Continental Breakfast: Monday, March 20

Refreshment Breaks: Sunday, March 19, Monday, March 20 and Tuesday, March 21

EXHIBIT BOOTH FEES:		On or before January 16	After January 16
		Member Rate	Nonmember Rate
	Member Rate	\$1,300	\$1,600
	Nonmember Rate	\$1,800	\$2,100

EXHIBIT BOOTH INCLUDES:

- 8' x 10' Booth Space with a Six-Foot Table, Two Chairs and Carpeting
- Two Complimentary Full Conference Registrations
- Attendee Mailing Address List (pre and post)
- One Wireless Internet Connection
- Company Information Listed on the Conference Website, Mobile App and Onsite Program Book
- Ability to Upload Handouts or Fliers on the Conference Mobile App for Attendees to Download

SET-UP & TEAR-DOWN HOURS:

Set-Up: Sunday, March 19
9:00 a.m. - 2:00 p.m.

Break-Down: Tuesday, March 21
12:00 p.m. - 3:00 p.m.

EXHIBIT HOURS:

The Exhibit Hall is tentatively scheduled to be open during the following hours:

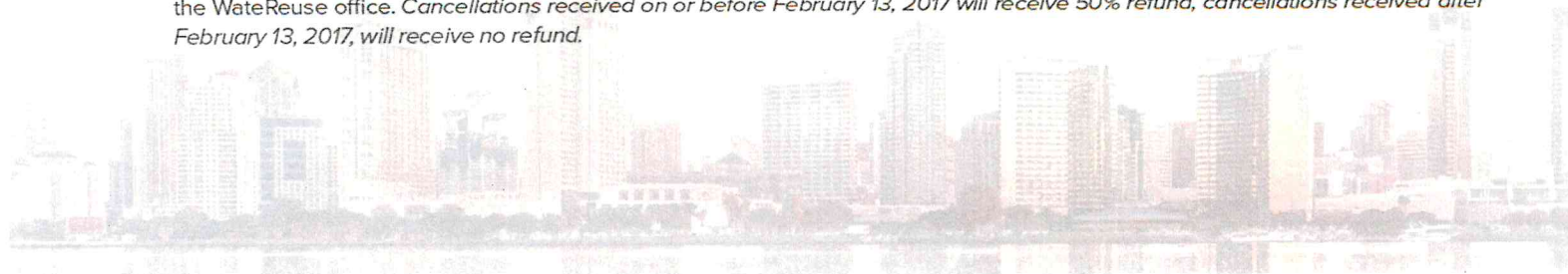
Sunday, March 19: 3:00 p.m. - 6:30 p.m.
Monday, March 20: 7:30 a.m. - 3:30 p.m.
Tuesday, March 21: 9:30 a.m. - 12:00 p.m.

APPLICATION DEADLINE:

Applications for exhibit space at the 2017 WaterReuse California Annual Conference must be received *no later than Monday, February 13, 2017*. All exhibit applications must be accompanied by full payment of exhibit fees. All booths are assigned on a first-come, first-served basis.

CANCELLATIONS:

Cancellation of exhibit space must be made in writing to the WaterReuse office. Refunds will be issued according to the following schedule and will be based upon either the postmark date of the letter, or the date your written cancellation is received by fax at the WaterReuse office. *Cancellations received on or before February 13, 2017 will receive 50% refund, cancellations received after February 13, 2017, will receive no refund.*



EXHIBITOR APPLICATION

EXHIBITOR INFORMATION

The contact information listed here will be included in the onsite program book.

COMPANY

COMPANY CONTACT (LISTED IN THE PROGRAM)

TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

SHOW CONTACT (FOR SHOW LOGISTICS)

PHONE

EMAIL

BOOTH LOCATION REQUEST:

Space will be reserved on a first-come, first-served basis. Indicate below your first, second, and third choice booth locations:

1) _____ 2) _____ 3) _____

EXHIBITING OPTIONS AND RATES:

EXHIBIT BOOTH FEES

	<i>On or before January 16</i>	<i>After January 16</i>
<input type="radio"/> Member Rate	\$1,300	\$1,600
<input type="radio"/> Nonmember Rate	\$1,800	\$2,100

COMPLIMENTARY CONFERENCE REGISTRATION(S)

Based on the type of sponsorship you choose, please complete the information for your complimentary full conference registration(s).

1. NAME _____ TITLE _____

ADDRESS _____

CITY, STATE/PROVINCE, ZIP CODE _____

PHONE _____

FAX _____

E-MAIL _____

2. NAME _____ TITLE _____

ADDRESS _____

CITY, STATE/PROVINCE, ZIP CODE _____

PHONE _____

FAX _____

E-MAIL _____

PAYMENT

Full payment must accompany application.

Payment method

☐ Check ☐ Visa ☐ MasterCard ☐ AMEX

Total Amount to be Charged: \$ _____

CREDIT CARD # _____

EXPIRATION DATE _____

SECURITY CODE _____

CARDHOLDER NAME _____

BILLING ADDRESS _____

SIGNATURE _____

DATE _____

*Please return this form with payment to WateReuse:
1199 North Fairfax St., Suite 410 Alexandria, VA 22314
Fax: (703) 548-5085*



SPONSORSHIP OPPORTUNITIES

For even greater visibility at the 2017 WaterReuse California Annual Conference, take advantage of the sponsorship opportunities listed below. Sponsorships put your organization's name in front of influential senior managers and decision makers. These high-profile sponsorships are designed to maximize your marketing efforts at the 2017 WaterReuse California Annual Conference and help your organization gain important visibility among the professionals whose focus is on the development of water reuse and desalination projects.

PLATINUM CONFERENCE SPONSOR: \$5,500

- Complimentary 8' x 10' Exhibit Booth
- Three Complimentary Full Conference Registrations
- Signage Recognition throughout the Conference
- Company Logo on PowerPoint Slides Displayed Prior to all Sessions
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Conference Website, the Conference Mobile App and the Onsite Program Book
- Ability to Upload Handouts or Fliers on the Conference Mobile App for Attendees to Download

Opportunity to Sponsor One of the Following:

- Conference Mobile App
- Conference Bags
- Badge Holders
- Hotel Key Cards
- Conference Wi-Fi for all Attendees
- Opening Session
- Awards Luncheon
- Monday Networking Dinner at House of Blues
- Gordon Cologne Breakfast
- Town Hall Plenary Session

BRONZE CONFERENCE SPONSOR: \$1,500

- Signage Recognition at the Conference
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Website and in the Onsite Program Book

GOLD CONFERENCE SPONSOR: \$3,500

- Two Complimentary Full Conference Registrations
- Signage Recognition at the Conference
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Conference Website, the Conference Mobile App and the Onsite Program Book

Opportunity to Sponsor One of the Following:

- Registration Folders
- Notepads
- Welcome Reception
- Technical Session Sponsor on Monday
- Technical Session Sponsor on Tuesday

SILVER CONFERENCE SPONSOR: \$2,500

- One Complimentary Full Conference Registration
- Signage Recognition at the Conference
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Website and in the Onsite Program Book

Opportunity to Sponsor One of the Following:

- Technical Tour
- Refreshment Break on Sunday
- Continental Breakfast on Monday
- Refreshment Breaks on Monday
- Refreshment Breaks on Tuesday
- Pens

PURPLE CONFERENCE SPONSOR: \$500

- Signage Recognition at the Conference
- Company Information Listed on the Website and in the Onsite Program Book

APPLICATION DEADLINE:

Applications for exhibit space at the 2017 WaterReuse California Annual Conference must be received *no later than Monday, February 13, 2017*. All exhibit applications must be accompanied by full payment of exhibit fees. All booths are assigned on a first-come, first-served basis.

CANCELLATIONS:

Cancellation of exhibit space must be made in writing to the WaterReuse office. Refunds will be issued according to the following schedule and will be based upon either the postmark date of the letter, or the date your written cancellation is received by fax at the WaterReuse office. *Cancellations received on or before February 13, 2017 will receive 50% refund, cancellations received after February 13, 2017, will receive no refund.*

SPONSOR APPLICATION

SPONSOR INFORMATION

The contact information listed here will be included in the onsite program book.

COMPANY

COMPANY CONTACT (LISTED IN THE PROGRAM)

TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

SHOW CONTACT (FOR SHOW LOGISTICS)

PHONE

EMAIL

SPONSORSHIP RATES:

☐ PLATINUM CONFERENCE SPONSOR: \$5,500

Booth Location Request:

1) _____ 2) _____ 3) _____

- Conference Mobile App
- Conference Bags
- Badge Holders
- Hotel Key Cards
- Conference Wi-Fi for all Attendees
- Opening Session
- Awards Luncheon
- Monday Networking Dinner at House of Blues
- Gordon Cologne Breakfast
- Town Hall Plenary Session

☐ GOLD CONFERENCE SPONSOR \$3,500

- Registration Folders
- Notepads
- Welcome Reception
- Technical Session Sponsor on Monday
- Technical Session Sponsor on Tuesday

☐ SILVER CONFERENCE SPONSOR \$2,500

- Technical Tour
- Refreshment Break on Sunday
- Continental Breakfast on Monday
- Refreshment Breaks on Monday
- Refreshment Breaks on Tuesday
- Pens

☐ BRONZE CONFERENCE SPONSOR \$1,500

☐ PURPLE CONFERENCE SPONSOR \$500

COMPLIMENTARY CONFERENCE REGISTRATION(S)

Based on the type of sponsorship you choose, please complete the information for your complimentary full conference registration(s).

1. NAME _____ TITLE _____

ADDRESS _____

CITY, STATE/PROVINCE, ZIP CODE _____

PHONE _____

FAX _____

E-MAIL _____

2. NAME _____ TITLE _____

ADDRESS _____

CITY, STATE/PROVINCE, ZIP CODE _____

PHONE _____

FAX _____

E-MAIL _____

3. NAME _____ TITLE _____

ADDRESS _____

CITY, STATE/PROVINCE, ZIP CODE _____

PHONE _____

FAX _____

E-MAIL _____

PAYMENT

Full payment must accompany application.

Payment method

☐ Check ☐ Visa ☐ MasterCard ☐ AMEX

Total Amount to be Charged: \$ _____

CREDIT CARD # _____

EXPIRATION DATE _____

SECURITY CODE _____

CARDHOLDER NAME _____

BILLING ADDRESS _____

SIGNATURE _____

DATE _____

Please return this form with payment to WateReuse:
1199 North Fairfax St., Suite 410 Alexandria, VA 22314
Fax: (703) 548-5085

Sponsors

Platinum Conference Sponsors

Kennedy/Jenks Consultants
San Diego County Water Authority
The Water Replenishment District of Southern California
Water Systems Consulting, Inc.

Gold Conference Sponsors

Trussell Technologies

Silver Conference Sponsors

West Basin Municipal Water District

Bronze Conference Sponsors

Santa Margarita Water District

Purple Conference Sponsors

HydroScience Engineers, Inc.
Infrastructure Engineering Corporation
John Robinson Consulting, Inc.

Exhibitors

Aqua-Aerobic Systems, Inc - *Booth #25*

DN Tanks – *Booth #2*

Eurofins Eaton Analytical, Inc. – *Booth #4*

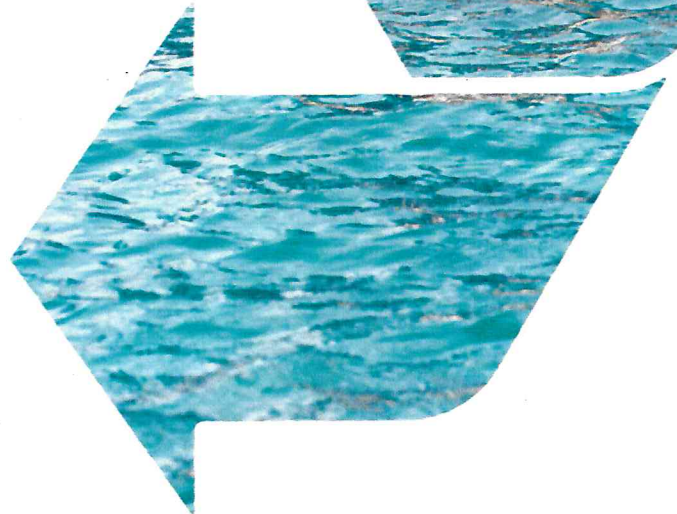
Mazzei Injector Company, LLC – *Booth #21*

Water Systems Consulting, Inc. – *Booth #18*



WATERUSE

CALIFORNIA ANNUAL CONFERENCE



COURTNEY THARPE

Director of Conferences and Events

1199 N. Fairfax Street • Suite 410 • Alexandria, VA 22314
(571) 445-5510 • (703) 548-5085 (Fax)
ctharpe@watereuse.org

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