



NOTICE

PARKING ARRANGEMENTS

Due to ongoing construction at the Miramar site, the North Parking area will not be in use during TVMWD Board meetings. The first several parking spaces along the main drive will be reserved for TVMWD directors and District counsel and marked with an orange traffic cone.

All other visitors should park in designated parking stalls or along the west side of the main drive.

We apologize for the inconvenience and appreciate your patience during this time.

As a matter of proper business decorum, the Board of Directors respectfully request that all cell phones be turned off or placed on vibrate. Also, to prevent any potential distraction of the proceeding, we request that side conversations be taken outside the meeting room.

AGENDA
REGULAR BOARD MEETING
THREE VALLEYS MUNICIPAL WATER DISTRICT
Wednesday, February 15, 2017 at 8:00 AM

The mission of Three Valleys Municipal Water District is to supplement and enhance local water supplies to meet our region's needs in a reliable and cost-effective manner.

Item 1 – Call to Order

Kuhn

Item 2 – Pledge of Allegiance

Kuhn

Item 3 – Roll Call

**Executive
Assistant**

- Bob Kuhn, Division IV – President
- David De Jesus, Division II – Vice President
- Brian Bowcock, Division III – Secretary
- Joe Ruzicka, Division V – Treasurer
- Dan Horan, Division VII – Director
- Carlos Goytia, Division I – Director
- John Mendoza, Division VI - Director

Item 4 – Additions to Agenda (*Government Code Section 54954.2(b)(2)*)

Kuhn

Additions to the agenda may be considered when two-thirds of the Board members are present (or all members if less than two-thirds are present), determine a need for immediate action, and the need to take action came to the attention of TVMWD subsequent to the agenda being posted; this exception requires a degree of urgency. *The Board shall call for public comment prior to voting to add any item to the agenda after posting.*

Item 5 – Reorder Agenda

Kuhn

Item 6 – Public Comment (*Government Code Section 54954.3*)

Kuhn

Opportunity for members of the public to directly address the Board on items of public interest that is within the subject matter jurisdiction of TVMWD. The public may also address the Board on items being considered on this agenda. TVMWD requests that all public speakers complete a speaker's card and provide it to the Executive Assistant.

We request that remarks be limited to five minutes or less

Item 7 – Consent Calendar

Kuhn

The Board is being asked to consider Consent Calendar items 7.1-7.4 listed below. Consent Calendar items are routine in nature and may be approved by a single motion. Any member of the Board may request that a specific item be pulled from the Consent Calendar for further discussion.

7.1 – Receive, Approve and File Minutes – January 2017 [enc]

- January 4, 2017 – Regular Board Meeting
- January 18, 2017 – Regular Board Meeting

7.2 – Receive, Approve and File Financial Reports and Investment Update – January 2017 [enc]

- Change in Cash and Cash Equivalents Report
- Consolidated Listing of Investment Portfolio and Investment Report
- YTD District Budget Monthly Status Reports
- Warrant Summary Disbursements

7.3 – Second Quarter Reserve Schedule Update [enc]

The Board will receive and file the second quarter reserve schedule update.

7.4 – Resolution No. 17-02-793 Concurring in Nomination of Kathleen J. Tiegs to the Executive Committee of the Association of California Water Agencies Joint Powers Insurance Authority ("ACWA/JPIA")

The Board will consider Resolution No. 17-02-793, and direct staff to prepare and forward any required documentation to ACWA/JPIA.

Item 7: Board Action Required – Motion No. 17-02-5121

Staff Recommendation: Approve as presented

Item 8 – General Manager’s Report

Hansen

Item 8.A – Administration staff will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

8.A.1 – Legislative Update, February 2017 [enc]

The Board will be provided with an update of legislative activities occurring at state and federal levels.

8.A.2 – Large Landscape Audits CII – MWD Funding [enc]

The Board will review and consider approval of the agreement for professional services between TVMWD and EcoTech services to provide large landscape audits for TVMWDs member agencies.

Item 8.A.2: Board Action Required – Motion No. 17-02-5122

Staff Recommendation: Approve as presented

8.A.3 – Water Education for Latino Leaders (WELL) [enc]

The Board will review and consider for approval the attached sponsorship request received from WELL.

Item 8.A.3: Board Action Required – Motion No. 17-02-5123

Staff Recommendation: None

8.A.4 – Director Expense Forms, January 2017 [enc]

The Board will consider approval of the January 2017 Director expense reports that include disclosure of per diem requests for meeting attendance, and an itemization of any expenses incurred by TVMWD.

Item 8.A.4: Board Action Required – Motion No. 17-02-5124
Staff Recommendation: None

Item 8.B – Engineering-Operations staff will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

8.B.1 – Project Summary Update [enc]

The Board will review a summary update of ongoing projects.

8.B.2 – Calendar Year Imported Water Purchases – January 2017 [enc]

The Board will review the imported water purchases for the month ending January 2017.

8.B.3 – Miramar Operations Report – January 2017 [enc]

The Board will review the monthly Miramar Operations Report that includes a summary of the following reports: water quality, monthly production, monthly and year-to-date sales, hydro-generation production and operations / maintenance review.

Item 8.C – Finance-Personnel staff will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

8.C.1 – FY 2017-18 Budget Review Schedule [enc]

The Board will be provided with the budget review schedule for FY 2017-18.

8.C.2 – FY 2017-18 Strategic Plan [enc]

The Board will consider approval of the FY 2017-18 Strategic Plan.

Item 8.C.2: Board Action Required – Motion No. 17-02-5125
Staff Recommendation: Approve as presented

Item 9 – Directors' / General Manager Oral Reports

The following reports are provided by Directors as it concerns activities at the most recent meeting of the agency of which they are assigned to serve as the representative or alternate of TVMWD (*the most recent meeting date is shown in parenthesis*).

9.A – Local Agency Formation Commission (February 8, 2017)	Ruzicka
9.B – Six Basins Watermaster (January 25, 2017)	Bowcock
9.C – Main San Gabriel Basin Watermaster (February 1, 2017)	Bowcock
9.D – Chino Basin Watermaster (January 26, 2017)	Kuhn
9.E – San Gabriel Basin Water Quality Authority (January 18, 2017)	Kuhn
9.F – Metropolitan Water District (February 14, 2017)	De Jesus
9.G – Additional Board Member or Staff Reports / Comments	All

Item 10 – Closed Session

Kuhn

10.A Conference with Real Property Negotiators *[pursuant to Government Code Section 59456.8*

- Property: 618 W. Baseline Road, City of Claremont, California
- District Negotiator: Richard W. Hansen, General Manager
- Negotiating Parties: Saul Jaffe
- Under Negotiation: Price and terms of payment

Item 11 – Report Out Of Closed Session

Item 12 – Future Agenda Items

Kuhn

Item 13 – Adjournment

Kuhn

Board adjourned to March 1, 2017 Regular Board Meeting at 8:00 AM.

American Disabilities Act Compliance Statement

Government Code Section 54954.2(a)



Request for disability-related modifications or accommodations (including auxiliary aids or services) in order to participate in the above agendized public meeting should be directed to the TVMWD's Executive Assistant at (909) 621-5568 at least 24 hours prior to meeting.

Agenda items received after posting

Government Code Section 54957.5

Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the TVMWD office located at, 1021 East Miramar Avenue, Claremont, CA, 91711. The materials will also be posted on the TVMWD website at www.threevalleys.com.

Three Valleys MWD Board Meeting packets and agendas are available for review on the TVMWD website at www.threevalleys.com. The website is updated on Sunday preceding any regularly scheduled Board Meeting.

MINUTES
REGULAR BOARD OF DIRECTORS MEETING
THREE VALLEYS MUNICIPAL WATER DISTRICT

Wednesday, January 4, 2017
8:00 a.m.

1. Call to Order

The Board of Directors meeting of Three Valleys Municipal Water District was called to order at 8:00 a.m. at the TVMWD office located at 1021 East Miramar Avenue, Claremont, California. The presiding officer was President Bob Kuhn.

2. Pledge of Allegiance

The flag salute was led by President Kuhn.

3. Roll Call

Roll call was taken with the full Board present.

Directors Present

Bob Kuhn, President
David De Jesus, Vice President
Joseph Ruzicka, Treasurer
Brian Bowcock, Secretary
Dan Horan, Director
Carlos Goytia, Director
John Mendoza, Director

Staff Present

Rick Hansen, General Manager
Steve Kennedy, General Counsel
Liz Cohn, Sr. Financial Analyst
Mario Garcia, Engineering & Operations Manager
Vicki Hahn, District Clerk/Executive Assistant
Kirk Howie, Assistant GM-Administration
Steve Lang, Water Operations Manager
James Linthicum, Chief Finance Officer
Ben Peralta, Project Manager
Esther Romero, Accounting Technician

Directors Absent

None

Others present: Tom Coleman, Rowland Water District; Paul DiMaggio, Suburban Water Systems; Erik Hitchman, Walnut Valley Water District; Director Tony Lima, Rowland Water District; Darron Poulsen, City of Pomona; Ken Schrader; Pam Schrader; Brian Teuber, Walnut Valley Water District; Dave Warren, Rowland Water District

4. Additions to Agenda

President Kuhn inquired if there were any additions to the published agenda. Staff did not have any additions to the published agenda.

5. Reorder Agenda

President Kuhn inquired if there was a need to reorder the agenda. Staff did not have any reason to reorder the published agenda.

6. Public Comment

President Kuhn inquired if there were any requests for public comment. There were no requests for public comment.

7. General Manager's Report

7.A Administration

7.A.1 – ACWA-JPIA Risk Management Update

The Board was provided an update on the 2016 onsite risk assessment review by ACWA-JPIA. As part of its assessment, ACWA-JPIA recommended TVMWD add Cyber Liability Coverage which covers business stoppage losses resulting from a cyber attack. This coverage was added to the existing policy as of October 2016 at no additional cost to TVMWD. All staff has completed the Target Solutions assessment on cyber security.

Based on TVMWDs continued low loss claims history for CY 2016 the District will receive a premium discount of approximately \$42,000; a check will be issued and delivered to TVMWD for this amount.

Discussion ensued regarding TVMWD property asset values and deductibles, specifically related to infrastructure. Staff was asked to provide an update in the coming months. Staff informed that there is a very comprehensive asset management recordkeeping process already in place.

7.A.2 – TVMWD Manuals – Biennial Review

Assistant General Manager-Administration, Kirk Howie provided the Board with an update of the TVMWD Manuals biennial review process. In preparation for this, the Board was provided with a draft copy of TVMWD Manuals (Policy, Personnel and Benefits, herein “Manuals”), with recommended changes. The Board was advised that recommended changes are minor and have also been forwarded to legal counsel for review; the last comprehensive review was six years ago. Mr. Kennedy acknowledged that TVMWD stays updated on policy and regulatory requirements and the manual updates reflect same.

The Board was extended an offer to complete a more comprehensive review and return for approval during the February 2017 Board Meeting cycle. Following discussion it was requested that the Manuals be returned to the January 18, 2017 for adoption. The Board requested that the Manuals be added to the TVMWD website after the updates have been approved.

7.B Engineering-Operations

7.B.1 – TVMWD Baseline Road Well Project Update (Project No. 58458)

Engineering and Operations Manager Mario Garcia provided the Board an update on the referenced project. Discussions have

taken place with the adjacent property owner, Saul Jaffe. Draft responses have been prepared to all comments received during the CEQA review process. Stetson Engineering has been hired to evaluate the existing well on Mr. Jaffe's property. The well was started during the recent site visit and was pumping approximately 100 gallons per minute. Nitrates at the well were recorded at 20-25 mg\L as compared to a standard of 45 mg\L.

7.B.2 – Project Summary Update

The Board was provided with an update of ongoing projects at TVMWD that included a photographic presentation of progress. Staff responded to questions regarding specific projects. The full report was included as part of the agenda packet and is available upon request.

9. Future Agenda Items

- Adoption of TVMWD Manuals – January 18, 2017

10. Adjournment

President Kuhn adjourned the meeting at 8:40 a.m. to a Regular Meeting scheduled for Wednesday, January 18, 2017.

/s/ Bob Kuhn
President, Board of Directors
Three Valleys Municipal Water District

Recorded by: Victoria A. Hahn
District Clerk/Executive Assistant

MINUTES
REGULAR BOARD OF DIRECTORS MEETING
THREE VALLEYS MUNICIPAL WATER DISTRICT

Wednesday, January 18, 2017
8:00 a.m.

1. Call to Order

The Board of Directors meeting of the Three Valleys Municipal Water District (TVMWD) was called to order at 8:00 a.m. at the TVMWD office located at 1021 East Miramar Avenue, Claremont, California. The presiding officer was President Bob Kuhn.

2. Pledge of Allegiance

The flag salute was led by President Bob Kuhn.

3. Roll Call

Roll call was taken with a quorum of the Board present.

Directors Present

Bob Kuhn, President
David De Jesus, Vice President
Brian Bowcock, Secretary
Joseph Ruzicka, Treasurer
Carlos Goytia, Director
John Mendoza, Director

Staff Present

Rick Hansen, General Manager
Steve Kennedy, Legal Counsel
Liz Cohn, Sr. Financial Analyst
Vicki Hahn, District Clerk/Executive Assistant
Karen Harberson, Operations WQ Assistant
Kirk Howie, Assistant GM-Administration
Steve Lang, Water Operations Manager
James Linthicum, Chief Finance Officer

Directors Absent

Dan Horan, Director

Guests and others present: Tom Coleman, Rowland Water District; Paul DiMaggio, Suburban Water Systems; Director Ted Ebenkamp, Walnut Valley Water District; Director Ed Hilden, Walnut Valley Water District; Erik Hitchman, Walnut Valley Water District; Maria Elena Kennedy, Kennedy Communications; Ben Lewis, Golden State Water Company; Director Tony Lima, Rowland Water District; Director Szu Pei Lu-Yang, Rowland Water District; Dean McHenry, League of Women Voters; Darron Poulsen, City of Pomona; Don Sachs, Mt. San Antonio College; Brian Teuber, Walnut Valley Water District; Dave Warren, Rowland Water District

4. Additions to Agenda

President Kuhn inquired if there were any additions to the published agenda. Staff did not have any additions to the published agenda.

5. Reorder Agenda

President Kuhn inquired if there was any reason to reorder the published agenda. Staff did not have any reason to reorder the published agenda.

6. Public Comment

President Kuhn called for any public comment. There were no requests for public comment.

7. Consent Calendar

The Board was asked to consider the Consent Calendar Items (7.1-7.4) for the January 18, 2017 Board meeting that included: (7.1) Receive, approve and file, December 2016 Board minutes for December 7, 2016; (7.2) Receive, approve ratify and file, November/December 2016 Financial Reports; (7.3) TVMWD Site Tours; (7.4) CY 2017 Board Member Appointments.

Upon motion and second the floor was opened for discussion. There being no further discussion, President Kuhn called for the vote.

Moved: Ruzicka; Second: Bowcock
Motion No. 17-01-5117 to approve the January 18, 2017 Consent Calendar items 7.1-7.4. The motion passed with a 6-0 vote. Director Horan was absent from the meeting.

8. General Manager's Report

8.A – Administration

8.A.1 Legislative Update, January 2017

Assistant General Manager, Kirk Howie provided the Board with a legislative report as follows:

- The new two-year legislative cycle commenced on January 4, 2017.
- All bills signed under the previous legislative cycle were effective January 1, 2017.
- California now has a super-majority in both the Assembly (55-25) and the Senate (27-13). A super-majority has the ability to pass new taxes, place a constitutional amendment on the ballot, change the rules of the house, and override a governor's veto.
- The deadline to introduce new legislation is February 17, 2017.
- Senator Kevin de León remained in his role as the President Pro Tempore. Senator Jean Fuller will be the Minority Leader. Assembly Member Anthony Rendon will continue as the Speaker of the Assembly and Assembly Member Chad Mayes will be the Minority Leader.
- A summary of the 2017-18 State Budget projections was reviewed. The Governor introduced his budget on January 10, 2017. The budget will now make its way through the respective houses, with revisions to be considered during May 2017 and enactment proposed to occur during late summer.
- A summary of Federal legislation was approved with two notable items passed at the end of CY 2016 – a new iteration of the Water Resources Development Act, now known as Water Infrastructure Improvement for the Nation Act (WINN), and WRDA which includes reform and revitalization of the Title XVI program. The WRDA program will convert to a grant application program with a report expected by early CY 2018.

Item 7.1

- A list of TVMWD 2017 legislative priorities was included as part of the agenda packet. The initial legislative status report is expected to be available during the March board meeting cycle.

8.A.2 Ratify Director Expense Reports for November 2016 and Approve Director Expense Reports for December 2016

The Board was asked to ratify previously paid November 2016 expense reports, and approve December 2016 expense reports. Upon motion and second the floor was opened for discussion. There being no discussion, President Kuhn called for the vote.

**Moved: Ruzicka; Second: Bowcock
Motion No. 17-01-5118 to ratify payment of the November 2016 expense reports and approve payment of the Director Expense reports for December 2016. The motion passed with a 6-0 vote. Director Horan was absent from the meeting.**

8.A.3 Approve Ordinance No. 17-01-21 – Adopting TVMWD Manuals

The Board considers interim approvals to its manuals (Policy, Personnel and Benefits) every two years and approves them by motion. Ordinance No. 17-01-21 was brought to the Board to clarify and supersede previous action taken on this matter. The proposed ordinance will address the action and frequency by which a full line-by-line review of all TVMWD manuals will occur going forward.

Upon motion and second the floor was opened for discussion.

Discussion ensued regarding the proposed timing and whether or not it was adequate in light of changes that may occur over time. Staff responded to questions seeking clarification.

Upon conclusion of the discussion it was determined that a line-by-line review will be completed at least every ten years. An amendment to Article 2 of the ordinance included in the agenda packet was made to state, **at least every ten years**. Interim updates will continue to be approved by motion or resolution. The adopted TVMWD Manuals will be published to the District website and a link will be sent to all Directors. President Kuhn called for the vote. A roll call vote was taken by the Executive Assistant with the following outcome.

**Moved: Bowcock; Second: Ruzicka
Motion No. 17-01-5119 Adopting Ordinance No. 17-01-21 Approving TVMWD Manuals as amended. The motion passed with a 6-0 vote. Directors Bowcock, De Jesus, Goytia, Kuhn, Mendoza and Ruzicka voted in the affirmative. Director Horan was absent from the vote.**

8.B – Engineering and Operations

8.B.1 TVMWD Baseline Road Well Project Update (Project No. 59458)

General Manager, Rick Hansen informed that an engineering firm has been retained to complete an assessment of the existing well on the neighboring property to determine market value. During testing the well pumped at 100 gpm and the water quality was decent. A report will be provided to the Board during a future meeting to be determined.

8.B.2 Calendar Year Imported Water Purchases, December 2016

General Manager, Rick Hansen provided the CYE 2016 report of imported water deliveries. A total of 66,290 AF of Tier 1 water was delivered, with a total of 14,398 AF of the allocation remaining. TVMWD spread greater than 12,000 AF into the Main San Gabriel Basin. MWD worked with TVMWD and Upper District to insure that an extra capacity charge was not assessed on the spread water that was delivered during the summer by suspending invoicing until after the peak flow period ended. Staff will continue working with the surrounding Watermasters' to minimize water left over at calendar year end. A question was raised regarding TVMWD moving some of the expected remaining Tier 1 water into cyclic storage for deliveries to our member agencies at the lower rate. A total of 119 AF of Tier 1 water was delivered into our cyclic storage account in the Main Basin. TVMWD staff will be evaluating spreading and storage options further during CY 2017.

8.B.3 Miramar Operations Report – December 2016

Water Operations Manager, Steve Lang provided an overview of the Miramar Plant operations and activities for the month of December 2016. Water quality continues to meet or exceed state and federal drinking water standards without any violations reported by SWRCB. THMs are beginning to increase slightly but continue to remain below the maximum levels

Current production/sales data month and year-to-date were reviewed as follows: total potable water produced 1074.3/AF; Well #1 ran for a total of 29 days; it was offline because a variable frequency drive (VFD) failed from running over current. Software was purchased that will prevent this from recurring in the future. Well #2 ran for the entire month of December. Combined, both wells produced a total of 75.4/AF produced; total potable water sales for the month were 1149.7/AF; total year-to-date potable water sold is at 137% of what was budgeted. Sales are trending slightly lower than normal due to weather and demand.

Hydroelectric generation data was reviewed. Miramar 1 continues to be offline. Miramar 2 and 3 continue to produce energy and did not require TVMWD purchasing energy from the grid. A new meter was installed on Miramar 2 to allow production to be tracked separately. TVMWD will now be able to monitor kWh for each meter to measure trends and display production history.

There was one planned outage at the Williams hydro to allow Edison to make repairs to their electrical system.

The full report is available upon request.

Director Mendoza extended his thanks to Dominique Aguiar for the plant tour.

9. Directors' / General Managers Oral Reports

President Kuhn requested that item 7.4 of the Consent Calendar be pulled for additional discussion. President Kuhn requested that an amendment to the previously approved CY 2017 Board Appointments be made as follows: Director Joe Ruzicka will replace Bob Kuhn as the alternate on the San Gabriel Valley Council of Governments (SGV-COG). It was noted that for CY 2017 TVMWD is on their off cycle for the San Gabriel Valley JPA for this group, and that both the delegate and alternate will attend as observers. Staff was directed to communicate same to the SGV-COG. Mr. Kennedy advised that a separate motion was necessary for this action.

Moved: Bowcock; Second: Kuhn

Motion No. 17-01-5120 to amend item 7.4 CY 2017 Board Appointments changing the alternate for the SGV-COG. The motion passed with a 6-0 vote. Director Horan was absent from the meeting.

9.A Local Agency Formation Commission (LAFCO)

Director Ruzicka provided a copy of the LAFCO Agenda for their January 11, 2017 meeting for anyone's interest. As of December 2016 two new Commissioners from the Los Angeles County Board of Supervisors, Commissioner Janice Hahn representing District 4 and Commissioner Kathryn Barger representing District 5 have been appointed replacing retiring members Don Knabe and Mike Antonovich; Commissioner Sheila Kuehl, District 3 will be the alternate.

9.B Six Basins Watermaster

Director Bowcock reported the next regular meeting of Six Basins Watermaster Board will be January 25, 2017. He acknowledged and welcomed Director Mendoza as the new alternate for Six Basins. An election of officers will be conducted at their next meeting.

9.C Main San Gabriel Basin Watermaster

Director Bowcock reported that as of January 4, 2017 the Key Well was at 179.8'. The significant change is likely due to the heavy precipitation in the region and expected to climb further. He also reported on the status of the three main reservoirs in the Main Basin, Cogswell, Morris Dam and San Gabriel Valley. Combined, the capacity these reservoirs can store is 83,478 AF; as of January 4, 2017 the current capacity available was 12,838 AF.

9.D Chino Basin Watermaster

President Kuhn reported that during its annual meeting scheduled for January 26, 2017 CBWM will be completing its election of officers and committee reorganization.

The court decision regarding safe yield has been delayed until at least March 2017.

The priority for CY 2017 is likely to be storage. Mr. Kennedy was asked to communicate with other legal members to determine how they are evaluating storage. TVMWD was asked to stay involved and current with these issues.

9.E San Gabriel Basin Water Quality Authority

President Kuhn reported the next meeting is scheduled for today, January 18, 2017. The Board will be reorganizing and conducting its election of officers. Three new members will be installed.

At today's meeting a report from federal lobbyist Hal Furman, and state lobbyist Jack Gualco will be provided.

9.F San Gabriel Valley Council of Governments (SGV-COG)

Director Goytia reported the December 2016 meeting was cancelled. For CY 2017 TVMWD is off cycle for the San Gabriel Valley JPA. President Kuhn encouraged continued observation by both the delegate and alternate throughout CY 2017.

9.G MWD Board

Director De Jesus reported on recent action taken at the December 13, 2016 and January 10, 2017 meetings.

He commented that regarding water supply issues, MWD needs to exercise caution on the message it delivers due to potential impacts to other sectors, i.e., housing, finance, etc.

During December 2016 Director De Jesus stepped down from the Water Planning and Stewardship Committee. He was appointed as Vice Chair to the Board.

During the January 2017 meeting Director Charles Trevino was appointed by Upper San Gabriel MWD, replacing Mike Touhey.

9.H Additional Board Member or Staff Reports / Comments

Directors Bowcock, Goytia and De Jesus commented on the recent media reports following the heavy precipitation in Northern California and loss of overflow water. They will continue to encourage different stakeholder groups they connect with to communicate with their legislators regarding better opportunities to handle these situations. Mr. Hansen suggested that it is very important how the message is delivered, i.e., efficient use of water versus conservation. Many opportunities will be evaluated through California Water Fix.

10. Future Agenda Items

There were no requests for future agenda items.

11. Adjournment

President Kuhn adjourned the meeting at 9:26 a.m. **The next regular Board meeting is scheduled for February 1, 2017 at 8:00 a.m.**

/s/ Bob Kuhn
President, Board of Directors
Three Valleys Municipal Water District

Recorded by: Victoria A. Hahn,
District Clerk/Executive Assistant

Staff Report/Memorandum



To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: Change in Cash and Cash Equivalents Position Report

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input checked="" type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$

Discussion:

Attached for your review is the Change in Cash and Cash Equivalents Report for the period ending January 31, 2017.



CHANGE IN CASH AND CASH EQUIVALENTS REPORT

January 1 through January 31, 2017

		<u>CASH</u>	<u>CASH EQUIVALENTS</u>
SUMMARY 1/31/2017			
	Petty Cash	6,000.00	
	Local Agency Investment Fund		911,077.90
	General Checking	1,850,745.44	
	Sweep Account	1,724,342.19	
	U.S. Bank	5,000.00	
	TOTAL CASH IN BANKS & ON HAND	\$ 3,586,087.63	\$ 911,077.90
	TOTAL CASH IN BANKS & ON HAND	01/31/17 \$ 3,586,087.63	\$ 911,077.90
	TOTAL CASH IN BANKS & ON HAND	12/31/16 \$ 2,677,809.58	\$ 909,528.67
	PERIOD INCREASE (DECREASE)	\$ 908,278.05	\$ 1,549.23
CHANGE IN CASH POSITION DUE TO:			
	Water Sales/Charges Revenue	5,530,848.75	
	Interest Revenue	462.81	
	Subvention/RTS Standby Charge Revenue	612,700.32	
	Hydroelectric Revenue	7,994.42	
	Other Revenue	11,430.15	
	SASG Grant	120,034.15	
	Investment Xfer From Chandler Asset Mgt		
	LAIF Quarterly Interest		1,549.23
	Transfer To LAIF		
	Transfer From LAIF		
	INFLOWS	6,283,470.60	1,549.23
	Expenditures	(4,875,832.55)	
	Current Month Outstanding Payables	56,427.09	
	Prior Month Cleared Payables	(83,214.09)	
	Bank/FSA Svc Fees	-	
	HRA/HSA Payment	(29,600.00)	
	Xfer to PARS - Fund OPEB & Pension Trusts	(442,973.00)	
	Investment Xfer to Chandler Asset Mgmt		
	Transfer to LAIF		
	Transfer From LAIF		
	OUTFLOWS	(5,375,192.55)	-
	PERIOD INCREASE (DECREASE)	908,278.05	1,549.23



Item 7.2

THREE VALLEYS MUNICIPAL WATER DISTRICT CONSOLIDATED LISTING OF INVESTMENT PORTFOLIO January 31, 2017

ITEM	BOOK YIELD	BOOK VALUE	PAR VALUE	MARKET VALUE
Chandler Asset Management				
ABS - Asset Backed Securities	1.01%	261,371.67	261,385.18	261,179.98
Bonds - Agency	1.49%	4,627,778.78	4,635,000.00	4,610,688.55
CMO - Collateralized Mortgage Obligation	0.00%	0.00	0.00	0.00
Commercial Paper	1.09%	199,470.94	200,000.00	199,470.94
Money Market Fund	0.00%	178,262.58	178,262.58	178,262.58
US Corporate	1.76%	2,307,323.41	2,310,000.00	2,311,821.80
US Treasury	1.48%	2,506,567.67	2,525,000.00	2,500,500.21
	1.51%	10,080,775.05	10,109,647.76	10,061,924.06
Local Agency Invest Fund TVMWD	0.72%	911,077.90	911,077.90	911,077.90
Reserve Fund		\$ 10,991,852.95	\$ 11,020,725.66	\$ 10,973,001.96
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Checking (Citizens)	0.55%	1,850,745.44	1,850,745.44	1,850,745.44
Sweep Account (Citizens)	0.20%	1,724,342.19	1,724,342.19	1,724,342.19
Emergency Checking (U.S. Bank)	0.00%	5,000.00	5,000.00	5,000.00
Payroll Checking	0.00%	0.00	0.00	0.00
Petty Cash Fund	0.00%	6,000.00	6,000.00	6,000.00
Working Cash		\$ 3,586,087.63	\$ 3,586,087.63	\$ 3,586,087.63
<hr/>				
GSWC-Baseline Pipeline, San Dimas	2.72%	50,568.47	50,568.47	50,568.47
Local Resource Loans		\$ 50,568.47	\$ 50,568.47	\$ 50,568.47
<hr/>				
TOTAL PORTFOLIO	1.18%	\$ 14,628,509.05	\$ 14,657,381.76	\$ 14,609,658.06

I certify that this report accurately reflects all investments of Three Valleys Municipal Water District and that all investments and this report are in conformity with Sections 53600 et seq of the California Government Code and the District's annual statement of investment policy (Resolution 15-09-766). The District's investment program herein shown provides sufficient cash flow and liquidity to meet all budgeted expenditures for the next six months.

RICHARD W. HANSEN, General Manager/Assistant Treasurer



Monthly Account Statement

Three Valleys Municipal Water District

January 1, 2017 through January 31, 2017

Chandler Team

For questions about your account,
please call (800) 317-4747 or
Email operations@chandlerasset.com

Custodian

US Bank
Christopher Isles
(503)-464-3685

Information contained herein is confidential. We urge you to compare this statement to the one you receive from your qualified custodian. Prices are provided by IDC, an independent pricing source.



PORTFOLIO CHARACTERISTICS

Average Duration	2.53
Average Coupon	1.43 %
Average Purchase YTM	1.51 %
Average Market YTM	1.49 %
Average S&P/Moody Rating	AA/Aa1
Average Final Maturity	2.66 yrs
Average Life	2.62 yrs

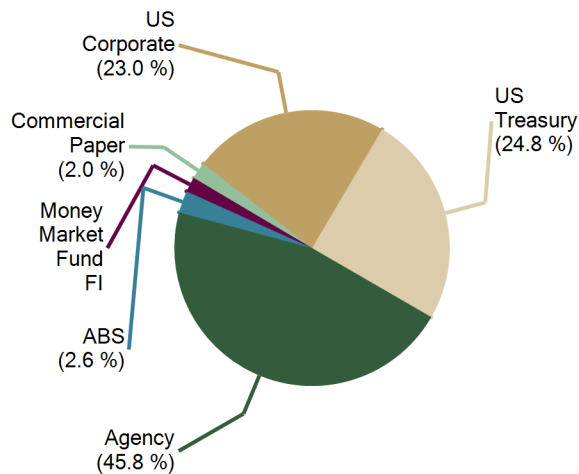
ACCOUNT SUMMARY

	Beg. Values as of 12/31/16	End Values as of 1/31/17
Market Value	10,045,920	10,061,924
Accrued Interest	36,079	37,555
Total Market Value	10,081,999	10,099,479
Income Earned	11,461	12,454
Cont/WD		-1,062
Par	10,104,198	10,109,648
Book Value	10,069,430	10,080,775
Cost Value	10,059,413	10,070,296

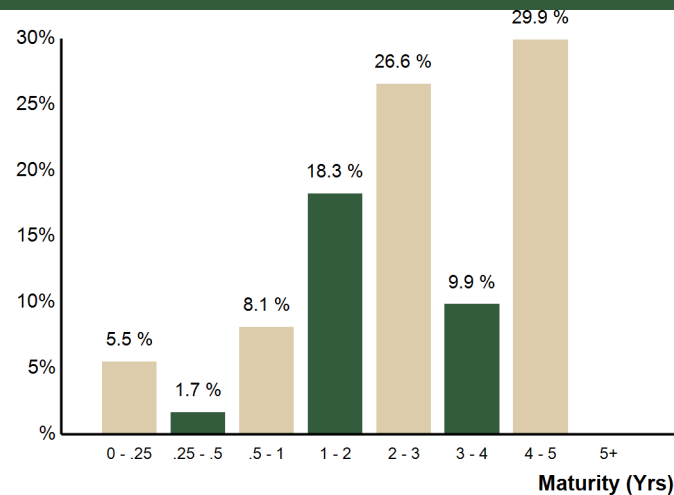
TOP ISSUERS

Issuer	% Portfolio
Government of United States	24.8 %
Federal National Mortgage Assoc	17.8 %
Federal Home Loan Mortgage Corp	12.0 %
Federal Home Loan Bank	11.4 %
Tennessee Valley Authority	2.9 %
US Bancorp	2.0 %
Bank of Tokyo-Mit UFJ	2.0 %
Cisco Systems	1.8 %
	74.8 %

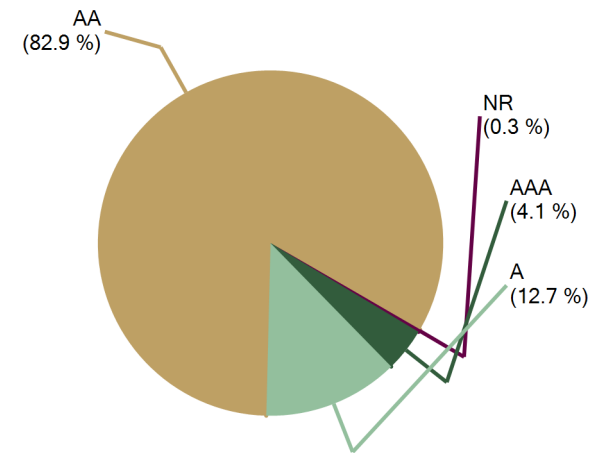
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)



PERFORMANCE REVIEW

Total Rate of Return As of 1/31/2017	Current Month	Latest 3 Months	Year To Date	1 Yr	Annualized			Since 4/30/2009	Since 4/30/2009
					3 Yrs	5 Yrs	10 Yrs		
Three Valleys Municipal Water District	0.18 %	-0.55 %	0.18 %	0.51 %	1.17 %	1.14 %	N/A	1.84 %	15.16 %
BAML 1-5 Yr US Treasury/Agency Index	0.17 %	-0.71 %	0.17 %	0.19 %	1.02 %	0.79 %	N/A	1.53 %	12.53 %



Three Valleys Municipal Water District
January 31, 2017

COMPLIANCE WITH INVESTMENT POLICY

Assets managed by Chandler Asset Management are in full compliance with State law and with the District's investment policy.

Category	Standard	Comment
Local Agency Bonds	No Limitation	Complies
Treasury Issues	No Limitation	Complies
Agency Issues	No Limitation	Complies
Banker's Acceptances	40% maximum; <180 days maturity	Complies
Commercial Paper	25% maximum; <270 days maturity; A-1/P-1/F-1 minimum ratings	Complies
Negotiable Certificates of Deposit	30% maximum; 5 years maximum maturity	Complies
Repurchase Agreements	No limitation; 1-year maximum maturity	Complies
Reverse Repurchase Agreements	20% maximum; <92 days maturity	Complies
Medium Term Notes	30% maximum; 5 years maximum maturity; A- rated or better	Complies
Money Market Mutual Funds	20% maximum; AAA/Aaa-rated	Complies
Collateralized Certificates of Deposits	5 years maximum maturity	Complies
Time Deposits	5 years maximum maturity	Complies
Mortgage Pass-throughs, CMOs and Asset Backed Securities	20% maximum; AA-rated issue; A-rated issuer	Complies
Local Agency Investment Fund - L.A.I.F.	\$50 million program limitation	Complies
Prohibited Securities	Inverse floaters; Ranges notes, Interest-only strips from mortgaged backed securities; Zero interest accrual securities	Complies
Maximum maturity	5 years	Complies



Reconciliation Summary

As of 1/31/2017

Item 7.2

BOOK VALUE RECONCILIATION	
Beginning Book Value	\$10,069,429.94
Acquisition	
+ Security Purchases	\$462,935.20
+ Money Market Fund Purchases	\$395,027.82
+ Money Market Contributions	\$0.00
+ Security Contributions	\$0.00
+ Security Transfers	\$0.00
Total Acquisitions	\$857,963.02
Dispositions	
- Security Sales	\$419,388.44
- Money Market Fund Sales	\$263,314.51
- MMF Withdrawals	\$1,062.13
- Security Withdrawals	\$0.00
- Security Transfers	\$0.00
- Other Dispositions	\$0.00
- Maturities	\$125,000.00
- Calls	\$0.00
- Principal Paydowns	\$40,201.82
Total Dispositions	\$848,966.90
Amortization/Accretion	
+/- Net Accretion	\$919.22
	\$919.22
Gain/Loss on Dispositions	
+/- Realized Gain/Loss	\$1,429.77
	\$1,429.77
Ending Book Value	\$10,080,775.05

CASH TRANSACTION SUMMARY	
BEGINNING BALANCE	\$47,611.40
Acquisition	
Contributions	\$0.00
Security Sale Proceeds	\$419,388.44
Accrued Interest Received	\$688.46
Interest Received	\$9,588.77
Dividend Received	\$38.66
Principal on Maturities	\$125,000.00
Interest on Maturities	\$0.00
Calls/Redemption (Principal)	\$0.00
Interest from Calls/Redemption	\$0.00
Principal Paydown	\$40,201.82
Total Acquisitions	\$594,906.15
Disposition	
Withdrawals	\$1,062.13
Security Purchase	\$462,935.20
Accrued Interest Paid	\$257.64
Total Dispositions	\$464,254.97
Ending Book Value	\$178,262.58



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
ABS									
89231MAC9	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	6,538.12	03/11/2014 0.69 %	6,536.91 6,538.12	99.98 1.08 %	6,536.81 1.95	0.06 % (1.31)	Aaa / AAA NR	0.87 0.05
89231TAB6	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	10,739.14	08/18/2015 0.93 %	10,738.28 10,738.78	99.98 1.20 %	10,736.62 4.39	0.11 % (2.16)	Aaa / AAA NR	1.04 0.09
43814GAC4	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	21,179.91	05/13/2014 0.78 %	21,177.36 21,179.66	99.92 1.19 %	21,162.71 5.89	0.21 % (16.95)	Aaa / AAA NR	1.13 0.19
47787VAC5	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	26,305.00	04/02/2014 0.93 %	26,300.79 26,304.72	99.96 1.14 %	26,293.58 10.76	0.26 % (11.14)	Aaa / NR AAA	1.21 0.20
43814HAC2	Honda Auto Receivables 2014-3 A3 0.88% Due 6/15/2018	31,701.18	08/12/2014 0.89 %	31,695.07 31,700.23	99.93 1.17 %	31,677.59 12.40	0.31 % (22.64)	NR / AAA AAA	1.37 0.26
89236WAC2	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	70,143.63	02/24/2015 1.13 %	70,133.02 70,139.90	99.94 1.23 %	70,104.70 34.92	0.69 % (35.20)	Aaa / AAA NR	2.04 0.50
43813NAC0	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	94,778.20	05/13/2015 1.05 %	94,763.66 94,770.26	99.88 1.26 %	94,667.97 27.38	0.94 % (102.29)	NR / AAA AAA	2.06 0.54
Total ABS		261,385.18	1.01 %	261,345.09 261,371.67	1.22 %	261,179.98 97.69	2.59 % (191.69)	Aaa / AAA AAA	1.74 0.40

AGENCY									
313378WF4	FHLB Note 1.125% Due 3/10/2017	180,000.00	04/24/2012 1.05 %	180,640.80 180,013.32	100.06 0.56 %	180,108.72 793.13	1.79 % 95.40	Aaa / AA+ AAA	0.10 0.11
313379VE6	FHLB Note 1.01% Due 6/19/2017	110,000.00	07/26/2012 0.82 %	111,005.40 110,077.60	100.13 0.68 %	110,137.72 129.62	1.09 % 60.12	Aaa / AA+ AAA	0.38 0.38
3133EAY28	FFCB Note 0.83% Due 9/21/2017	170,000.00	09/18/2012 0.83 %	170,000.00 170,000.00	100.06 0.74 %	170,093.84 509.53	1.69 % 93.84	Aaa / AA+ AAA	0.64 0.63
3137EADN6	FHLMC Note 0.75% Due 1/12/2018	160,000.00	Various 1.01 %	158,093.93 159,617.88	99.87 0.89 %	159,795.69 63.34	1.58 % 177.81	Aaa / AA+ AAA	0.95 0.94
313378A43	FHLB Note 1.375% Due 3/9/2018	150,000.00	08/13/2013 1.54 %	148,891.50 149,733.51	100.45 0.96 %	150,676.05 813.54	1.50 % 942.54	Aaa / AA+ AAA	1.10 1.09
3130A4GJ5	FHLB Note 1.125% Due 4/25/2018	195,000.00	03/20/2015 1.02 %	195,639.80 195,253.88	100.14 1.01 %	195,275.34 585.00	1.94 % 21.46	Aaa / AA+ AAA	1.23 1.22
3135G0YM9	FNMA Note 1.875% Due 9/18/2018	200,000.00	10/07/2013 1.59 %	202,654.00 200,872.91	101.17 1.15 %	202,347.20 1,385.42	2.02 % 1,474.29	Aaa / AA+ AAA	1.63 1.59
880591EQ1	Tennessee Valley Authority Note 1.75% Due 10/15/2018	290,000.00	Various 1.58 %	292,357.15 290,808.38	100.93 1.20 %	292,699.62 1,494.31	2.91 % 1,891.24	Aaa / AA+ AAA	1.70 1.67
3135G0ZA4	FNMA Note 1.875% Due 2/19/2019	75,000.00	03/31/2014 1.81 %	75,230.48 75,096.58	101.20 1.28 %	75,897.68 632.81	0.76 % 801.10	Aaa / AA+ AAA	2.05 1.99
3137EADG1	FHLMC Note 1.75% Due 5/30/2019	200,000.00	Various 1.45 %	201,442.30 201,346.23	100.84 1.38 %	201,679.60 593.05	2.00 % 333.37	Aaa / AA+ AAA	2.33 2.27
3137EADK2	FHLMC Note 1.25% Due 8/1/2019	240,000.00	09/04/2014 1.83 %	233,452.80 236,664.15	99.65 1.39 %	239,159.76 1,500.00	2.38 % 2,495.61	Aaa / AA+ AAA	2.50 2.44



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
AGENCY									
3135G0ZG1	FNMA Note 1.75% Due 9/12/2019	200,000.00	12/13/2016 1.44 %	201,661.00 201,579.77	100.83 1.42 %	201,668.60 1,351.39	2.01 % 88.83	Aaa / AA+ AAA	2.61 2.53
3137EADM8	FHLMC Note 1.25% Due 10/2/2019	230,000.00	12/10/2014 1.71 %	225,177.36 227,327.77	99.42 1.47 %	228,662.55 950.35	2.27 % 1,334.78	Aaa / AA+ AAA	2.67 2.60
3135G0A78	FNMA Note 1.625% Due 1/21/2020	200,000.00	03/30/2015 1.51 %	201,072.00 200,661.38	100.29 1.52 %	200,582.80 90.28	1.99 % (78.58)	Aaa / AA+ AAA	2.97 2.89
3135G0F73	FNMA Note 1.5% Due 11/30/2020	200,000.00	12/16/2015 1.90 %	196,220.00 197,080.42	99.07 1.75 %	198,142.40 508.33	1.97 % 1,061.98	Aaa / AA+ AAA	3.83 3.70
3130A7CV5	FHLB Note 1.375% Due 2/18/2021	140,000.00	04/28/2016 1.42 %	139,727.00 139,770.35	98.28 1.82 %	137,597.04 871.60	1.37 % (2,173.31)	Aaa / AA+ AAA	4.05 3.89
3135G0J20	FNMA Note 1.375% Due 2/26/2021	200,000.00	Various 1.41 %	199,699.04 199,763.02	98.38 1.79 %	196,758.60 1,184.02	1.96 % (3,004.42)	Aaa / AA+ AAA	4.07 3.91
3135G0K69	FNMA Note 1.25% Due 5/6/2021	180,000.00	06/29/2016 1.18 %	180,612.00 180,537.36	97.50 1.86 %	175,497.12 531.25	1.74 % (5,040.24)	Aaa / AA+ AAA	4.26 4.11
3130A8QS5	FHLB Note 1.125% Due 7/14/2021	185,000.00	10/04/2016 1.33 %	183,290.60 183,406.39	96.72 1.90 %	178,935.15 98.28	1.77 % (4,471.24)	Aaa / AA+ AAA	4.45 4.31
3137EAEC9	FHLMC Note 1.125% Due 8/12/2021	185,000.00	08/30/2016 1.33 %	183,185.15 183,339.82	96.40 1.96 %	178,343.89 977.03	1.78 % (4,995.93)	Aaa / AA+ AAA	4.53 4.36
3135G0N82	FNMA Note 1.25% Due 8/17/2021	185,000.00	09/28/2016 1.28 %	184,715.10 184,735.07	96.93 1.96 %	179,324.94 1,040.63	1.79 % (5,410.13)	Aaa / AA+ AAA	4.55 4.36
3135G0Q89	FNMA Note 1.375% Due 10/7/2021	160,000.00	10/27/2016 1.50 %	159,025.60 159,077.42	97.31 1.98 %	155,698.24 696.67	1.55 % (3,379.18)	Aaa / AA+ AAA	4.68 4.49
3130AABG2	FHLB Note 1.875% Due 11/29/2021	200,000.00	12/28/2016 2.10 %	197,940.00 197,979.00	99.41 2.00 %	198,811.60 635.42	1.97 % 832.60	Aaa / AA+ AAA	4.83 4.58
3135G0S38	FNMA Note 2% Due 1/5/2022	200,000.00	01/11/2017 2.02 %	199,845.00 199,846.70	99.76 2.05 %	199,510.20 244.44	1.98 % (336.50)	Aaa / AA+ AAA	4.93 4.66
3137EADB2	FHLMC Note 2.375% Due 1/13/2022	200,000.00	01/27/2017 2.03 %	203,193.40 203,189.87	101.64 2.02 %	203,284.20 237.50	2.02 % 94.33	Aaa / AA+ AAA	4.95 4.65
Total Agency		4,635,000.00	1.49 %	4,624,771.41 4,627,778.78	1.49 %	4,610,688.55 17,916.94	45.83 % (17,090.23)	Aaa / AA+ AAA	2.92 2.82
COMMERCIAL PAPER									
06538BS12	Bank of Tokyo Mitsubishi NY Discount CP 1.07% Due 5/1/2017	200,000.00	12/28/2016 1.09 %	199,268.83 199,470.94	99.74 1.09 %	199,470.94 0.00	1.98 % 0.00	P-1 / A-1 NR	0.25 0.25
Total Commercial Paper		200,000.00	1.09 %	199,268.83 199,470.94	1.09 %	199,470.94 0.00	1.98 % 0.00	P-1 / A-1 NR	0.25 0.25



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
MONEY MARKET FUND FI									
31846V203	First American Govt Obligation Fund	178,262.58	Various 0.00 %	178,262.58 178,262.58	1.00 0.00 %	178,262.58 0.00	1.77 % 0.00	Aaa / AAA NR	0.00 0.00
Total Money Market Fund FI		178,262.58	0.00 %	178,262.58 178,262.58	0.00 %	178,262.58 0.00	1.77 % 0.00	Aaa / AAA NR	0.00 0.00
US CORPORATE									
717081DJ9	Pfizer Inc. Note 1.1% Due 5/15/2017	45,000.00	05/12/2014 1.13 %	44,960.40 44,996.28	100.02 1.04 %	45,007.02 104.50	0.45 % 10.74	A1 / AA A+	0.28 0.29
913017BU2	United Tech Corp Note 1.8% Due 6/1/2017	15,000.00	05/24/2012 1.82 %	14,987.10 14,999.15	100.23 1.11 %	15,034.07 45.00	0.15 % 34.92	A3 / A- A-	0.33 0.33
166764AA8	Chevron Corp Callable Note Cont 11/5/17 1.104% Due 12/5/2017	175,000.00	Various 1.31 %	173,518.80 174,702.42	99.85 1.30 %	174,736.98 300.53	1.73 % 34.56	Aa2 / AA- NR	0.84 0.76
02665WAQ4	American Honda Finance Note 1.55% Due 12/11/2017	100,000.00	12/08/2014 1.58 %	99,907.00 99,973.44	100.25 1.25 %	100,251.60 215.28	0.99 % 278.16	A1 / A+ NR	0.86 0.85
458140AL4	Intel Corp Note 1.35% Due 12/15/2017	150,000.00	12/12/2012 1.29 %	150,430.95 150,074.90	100.13 1.20 %	150,195.60 258.76	1.49 % 120.70	A1 / A+ A+	0.87 0.86
89236TCA1	Toyota Motor Credit Corp Note 1.45% Due 1/12/2018	60,000.00	Various 1.47 %	59,958.05 59,987.61	100.09 1.35 %	60,053.59 45.91	0.60 % 65.98	Aa3 / AA- A	0.95 0.94
459200HZ7	IBM Corp Note 1.125% Due 2/6/2018	125,000.00	02/03/2015 1.23 %	124,618.75 124,871.29	99.89 1.23 %	124,863.25 683.59	1.24 % (8.04)	Aa3 / AA- A+	1.02 1.00
931142DF7	Wal-Mart Stores Note 1.125% Due 4/11/2018	115,000.00	04/04/2013 1.14 %	114,894.20 114,974.85	99.85 1.26 %	114,822.44 395.31	1.14 % (152.41)	Aa2 / AA AA	1.19 1.18
713448CR7	PepsiCo Inc Note 1.25% Due 4/30/2018	105,000.00	Various 1.26 %	104,957.40 104,982.38	99.91 1.32 %	104,903.40 331.77	1.04 % (78.98)	A1 / A A	1.24 1.23
037833AJ9	Apple Inc Note 1% Due 5/3/2018	100,000.00	05/20/2013 1.20 %	99,066.00 99,764.17	99.66 1.27 %	99,663.20 244.44	0.99 % (100.97)	Aa1 / AA+ NR	1.25 1.24
02665WAC5	American Honda Finance Note 2.125% Due 10/10/2018	65,000.00	04/14/2014 1.83 %	65,820.95 65,308.92	100.92 1.57 %	65,596.05 425.89	0.65 % 287.13	A1 / A+ NR	1.69 1.65
74005PBH6	Praxair Note 1.25% Due 11/7/2018	135,000.00	01/08/2015 1.68 %	132,876.45 134,018.96	99.63 1.46 %	134,503.88 393.75	1.34 % 484.92	A2 / A NR	1.77 1.74
24422ESF7	John Deere Capital Corp Note 1.95% Due 12/13/2018	60,000.00	12/10/2013 1.99 %	59,872.20 59,952.41	100.56 1.64 %	60,337.08 156.00	0.60 % 384.67	A2 / A A	1.87 1.82
17275RAR3	Cisco Systems Note 2.125% Due 3/1/2019	180,000.00	Various 2.02 %	180,856.20 180,356.37	101.02 1.62 %	181,839.78 1,593.75	1.82 % 1,483.41	A1 / AA- NR	2.08 2.02
91159HHH6	US Bancorp Callable Note Cont 3/25/2019 2.2% Due 4/25/2019	140,000.00	Various 2.15 %	140,322.10 140,146.53	100.88 1.78 %	141,231.44 821.33	1.41 % 1,084.91	A1 / A+ AA	2.23 2.08



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US CORPORATE									
06406HCW7	Bank of New York Callable Note Cont 8/11/2019 2.3% Due 9/11/2019	145,000.00	Various 2.29 %	145,058.95 145,030.10	101.01 1.88 %	146,471.32 1,296.94	1.46 % 1,441.22	A1 / A AA-	2.61 2.43
94974BGF1	Wells Fargo Corp Note 2.15% Due 1/30/2020	100,000.00	01/26/2015 2.18 %	99,864.00 99,918.46	99.71 2.25 %	99,706.40 5.97	0.99 % (212.06)	A2 / A AA-	3.00 2.89
22160KAG0	Costco Wholesale Corp Note 1.75% Due 2/15/2020	80,000.00	02/05/2015 1.77 %	79,916.00 79,948.93	99.74 1.84 %	79,788.16 645.56	0.80 % (160.77)	A1 / A+ A+	3.04 2.92
747525AD5	Qualcomm Inc Note 2.25% Due 5/20/2020	120,000.00	06/11/2015 2.49 %	118,671.00 119,111.05	100.18 2.19 %	120,220.20 532.50	1.20 % 1,109.15	A1 / A+ NR	3.30 3.15
30231GAV4	Exxon Mobil Corp Callable Note Cont 2/1/2021 2.222% Due 3/1/2021	120,000.00	05/16/2016 1.84 %	122,103.60 121,792.94	100.11 2.19 %	120,134.52 1,111.00	1.20 % (1,658.42)	Aaa / AA+ NR	4.08 3.85
68389XBK0	Oracle Corp Callable Note Cont 8/01/21 1.9% Due 9/15/2021	115,000.00	11/29/2016 2.40 %	112,425.15 112,515.00	97.60 2.45 %	112,237.24 1,238.17	1.12 % (277.76)	A1 / AA- A+	4.62 4.34
91159HHP8	US Bancorp Note 2.625% Due 1/24/2022	60,000.00	01/19/2017 2.66 %	59,896.80 59,897.25	100.37 2.54 %	60,224.58 30.63	0.60 % 327.33	A1 / A+ AA	4.98 4.64
Total US Corporate		2,310,000.00	1.76 %	2,304,982.05 2,307,323.41	1.64 %	2,311,821.80 10,876.58	23.00 % 4,498.39	A1 / A+ A+	2.05 1.96
US TREASURY									
912828VQ0	US Treasury Note 1.375% Due 7/31/2018	200,000.00	11/05/2013 1.31 %	200,625.67 200,197.33	100.50 1.04 %	200,992.20 7.60	1.99 % 794.87	Aaa / AA+ AAA	1.50 1.48
912828SH4	US Treasury Note 1.375% Due 2/28/2019	235,000.00	Various 1.71 %	231,325.79 233,447.85	100.27 1.24 %	235,642.49 1,374.62	2.35 % 2,194.64	Aaa / AA+ AAA	2.08 2.03
912828ST8	US Treasury Note 1.25% Due 4/30/2019	200,000.00	01/23/2015 1.22 %	200,242.86 200,127.76	99.90 1.30 %	199,796.80 642.27	1.98 % (330.96)	Aaa / AA+ AAA	2.24 2.20
912828R85	US Treasury Note 0.875% Due 6/15/2019	160,000.00	07/28/2016 0.82 %	160,250.54 160,205.96	98.94 1.33 %	158,300.00 184.62	1.57 % (1,905.96)	Aaa / AA+ AAA	2.37 2.33
912828TH3	US Treasury Note 0.875% Due 7/31/2019	200,000.00	03/30/2015 1.30 %	196,414.73 197,938.98	98.83 1.35 %	197,656.20 4.83	1.96 % (282.78)	Aaa / AA+ AAA	2.50 2.46
912828VF4	US Treasury Note 1.375% Due 5/31/2020	200,000.00	07/10/2015 1.62 %	197,742.86 198,462.77	99.33 1.58 %	198,664.00 475.96	1.97 % 201.23	Aaa / AA+ AAA	3.33 3.23
912828L32	US Treasury Note 1.375% Due 8/31/2020	200,000.00	11/23/2015 1.69 %	197,156.92 197,866.87	99.09 1.64 %	198,171.80 1,169.89	1.97 % 304.93	Aaa / AA+ AAA	3.58 3.45
912828L99	US Treasury Note 1.375% Due 10/31/2020	200,000.00	11/23/2015 1.71 %	196,867.86 197,623.53	98.87 1.69 %	197,734.40 706.49	1.96 % 110.87	Aaa / AA+ AAA	3.75 3.62
912828N89	US Treasury Note 1.375% Due 1/31/2021	155,000.00	03/09/2016 1.40 %	154,849.15 154,876.75	98.55 1.75 %	152,759.79 5.89	1.51 % (2,116.96)	Aaa / AA+ AAA	4.00 3.87
912828B90	US Treasury Note 2% Due 2/28/2021	180,000.00	04/26/2016 1.40 %	185,056.07 184,257.74	100.93 1.76 %	181,673.46 1,531.49	1.81 % (2,584.28)	Aaa / AA+ AAA	4.08 3.87



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US TREASURY									
912828P87	US Treasury Note 1.125% Due 2/28/2021	200,000.00	12/29/2016 1.86 %	194,125.67 194,256.90	97.45 1.78 %	194,898.40 957.18	1.94 % 641.50	Aaa / AA+ AAA	4.08 3.94
912828Q37	US Treasury Note 1.25% Due 3/31/2021	210,000.00	12/13/2016 1.81 %	205,136.25 205,288.24	97.83 1.79 %	205,447.20 894.23	2.04 % 158.96	Aaa / AA+ AAA	4.16 4.01
912828T34	US Treasury Note 1.125% Due 9/30/2021	185,000.00	11/09/2016 1.48 %	181,871.52 182,016.99	96.63 1.88 %	178,763.47 709.00	1.78 % (3,253.52)	Aaa / AA+ AAA	4.67 4.49
Total US Treasury		2,525,000.00	1.50 %	2,501,665.89 2,506,567.67	1.54 %	2,500,500.21 8,664.07	24.84 % (6,067.46)	Aaa / AA+ AAA	3.22 3.12
TOTAL PORTFOLIO		10,109,647.76	1.51 %	10,070,295.85 10,080,775.05	1.49 %	10,061,924.06 37,555.28	100.00 % (18,850.99)	Aa1 / AA AAA	2.66 2.53
TOTAL MARKET VALUE PLUS ACCRUED						10,099,479.34			



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	01/03/2017	31846V203	38.66	First American Govt Obligation Fund	1.000	0.01 %	38.66	0.00	38.66	0.00
Purchase	01/12/2017	3135G0S38	200,000.00	FNMA Note 2% Due 1/5/2022	99.923	2.02 %	199,845.00	33.33	199,878.33	0.00
Purchase	01/12/2017	31846V203	220,198.57	First American Govt Obligation Fund	1.000	0.01 %	220,198.57	0.00	220,198.57	0.00
Purchase	01/12/2017	31846V203	1,035.00	First American Govt Obligation Fund	1.000	0.01 %	1,035.00	0.00	1,035.00	0.00
Purchase	01/13/2017	31846V203	125,000.00	First American Govt Obligation Fund	1.000	0.01 %	125,000.00	0.00	125,000.00	0.00
Purchase	01/13/2017	31846V203	1,250.00	First American Govt Obligation Fund	1.000	0.01 %	1,250.00	0.00	1,250.00	0.00
Purchase	01/14/2017	31846V203	1,040.63	First American Govt Obligation Fund	1.000	0.01 %	1,040.63	0.00	1,040.63	0.00
Purchase	01/17/2017	31846V203	5,142.60	First American Govt Obligation Fund	1.000	0.01 %	5,142.60	0.00	5,142.60	0.00
Purchase	01/17/2017	31846V203	7,750.26	First American Govt Obligation Fund	1.000	0.01 %	7,750.26	0.00	7,750.26	0.00
Purchase	01/17/2017	31846V203	4,371.09	First American Govt Obligation Fund	1.000	0.01 %	4,371.09	0.00	4,371.09	0.00
Purchase	01/17/2017	31846V203	4,483.85	First American Govt Obligation Fund	1.000	0.01 %	4,483.85	0.00	4,483.85	0.00
Purchase	01/17/2017	31846V203	6,119.90	First American Govt Obligation Fund	1.000	0.01 %	6,119.90	0.00	6,119.90	0.00
Purchase	01/18/2017	31846V203	4,369.93	First American Govt Obligation Fund	1.000	0.01 %	4,369.93	0.00	4,369.93	0.00
Purchase	01/21/2017	31846V203	1,625.00	First American Govt Obligation Fund	1.000	0.01 %	1,625.00	0.00	1,625.00	0.00
Purchase	01/23/2017	31846V203	8,211.70	First American Govt Obligation Fund	1.000	0.01 %	8,211.70	0.00	8,211.70	0.00
Purchase	01/24/2017	91159HHP8	60,000.00	US Bancorp Note 2.625% Due 1/24/2022	99.828	2.66 %	59,896.80	0.00	59,896.80	0.00
Purchase	01/30/2017	3137EADB2	200,000.00	FHLMC Note 2.375% Due 1/13/2022	101.597	2.03 %	203,193.40	224.31	203,417.71	0.00
Purchase	01/30/2017	31846V203	1,075.00	First American Govt Obligation Fund	1.000	0.01 %	1,075.00	0.00	1,075.00	0.00
Purchase	01/31/2017	31846V203	3,315.63	First American Govt Obligation Fund	1.000	0.00 %	3,315.63	0.00	3,315.63	0.00
	Subtotal		855,027.82				857,963.02	257.64	858,220.66	0.00
TOTAL ACQUISITIONS			855,027.82				857,963.02	257.64	858,220.66	0.00

DISPOSITIONS										
Sale	01/12/2017	91282UU2	200,000.00	US Treasury Note 0.75% Due 3/31/2018	99.742	0.96 %	199,483.71	428.57	199,912.28	695.27
Sale	01/12/2017	91282VE7	220,000.00	US Treasury Note 1% Due 5/31/2018	99.957	1.03 %	219,904.73	259.89	220,164.62	734.50
Sale	01/24/2017	31846V203	59,896.80	First American Govt Obligation Fund	1.000	0.01 %	59,896.80	0.00	59,896.80	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
DISPOSITIONS										
Sale	01/30/2017	31846V203	203,417.71	First American Govt Obligation Fund	1.000	0.01 %	203,417.71	0.00	203,417.71	0.00
			Subtotal				682,702.95	688.46	683,391.41	1,429.77
Paydown	01/17/2017	43814HAC2	5,115.60	Honda Auto Receivables 2014-3 A3 0.88% Due 6/15/2018	100.000		5,115.60	27.00	5,142.60	0.00
Paydown	01/17/2017	47787VAC5	7,724.17	John Deere Owner Trust 2014-A A3 0.92% Due 4/16/2018	100.000		7,724.17	26.09	7,750.26	0.00
Paydown	01/17/2017	89231MAC9	4,365.00	Toyota Auto Receivables Owner 2014-A 0.67% Due 12/15/2017	100.000		4,365.00	6.09	4,371.09	0.00
Paydown	01/17/2017	89231TAB6	4,472.19	Toyota Auto Receivables Owner 2015-C 0.92% Due 2/15/2018	100.000		4,472.19	11.66	4,483.85	0.00
Paydown	01/17/2017	89236WAC2	6,048.79	Toyota Auto Receivables Owner 2015-A 1.12% Due 2/15/2019	100.000		6,048.79	71.11	6,119.90	0.00
Paydown	01/18/2017	43814GAC4	4,353.55	Honda Auto Receivables 2014-2 A3 0.77% Due 3/19/2018	100.000		4,353.55	16.38	4,369.93	0.00
Paydown	01/23/2017	43813NAC0	8,122.52	Honda Auto Receivables 2015-2 A3 1.04% Due 2/21/2019	100.000		8,122.52	89.18	8,211.70	0.00
			Subtotal				40,201.82	247.51	40,449.33	0.00
Maturity	01/13/2017	24422ERL5	125,000.00	John Deere Capital Corp Note 2% Due 1/13/2017	100.000		125,000.00	0.00	125,000.00	0.00
			Subtotal				125,000.00	0.00	125,000.00	0.00
Security Withdrawal	01/05/2017	31846V203	957.96	First American Govt Obligation Fund	1.000		957.96	0.00	957.96	0.00
Security Withdrawal	01/25/2017	31846V203	104.17	First American Govt Obligation Fund	1.000		104.17	0.00	104.17	0.00
			Subtotal				1,062.13	0.00	1,062.13	0.00
TOTAL DISPOSITIONS			849,578.46				848,966.90	935.97	849,902.87	1,429.77

OTHER TRANSACTIONS										
Interest	01/12/2017	3137EADN6	160,000.00	FHLMC Note 0.75% Due 1/12/2018	0.000		600.00	0.00	600.00	0.00
Interest	01/12/2017	89236TCA1	60,000.00	Toyota Motor Credit Corp Note 1.45% Due 1/12/2018	0.000		435.00	0.00	435.00	0.00



Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
OTHER TRANSACTIONS										
Interest	01/13/2017	24422ERL5	125,000.00	John Deere Capital Corp Note 2% Due 1/13/2017	0.000		1,250.00	0.00	1,250.00	0.00
Interest	01/14/2017	3130A8QS5	185,000.00	FHLB Note 1.125% Due 7/14/2021	0.000		1,040.63	0.00	1,040.63	0.00
Interest	01/21/2017	3135G0A78	200,000.00	FNMA Note 1.625% Due 1/21/2020	0.000		1,625.00	0.00	1,625.00	0.00
Interest	01/30/2017	94974BGF1	100,000.00	Wells Fargo Corp Note 2.15% Due 1/30/2020	0.000		1,075.00	0.00	1,075.00	0.00
Interest	01/31/2017	912828N89	155,000.00	US Treasury Note 1.375% Due 1/31/2021	0.000		1,065.63	0.00	1,065.63	0.00
Interest	01/31/2017	912828TH3	200,000.00	US Treasury Note 0.875% Due 7/31/2019	0.000		875.00	0.00	875.00	0.00
Interest	01/31/2017	912828VQ0	200,000.00	US Treasury Note 1.375% Due 7/31/2018	0.000		1,375.00	0.00	1,375.00	0.00
	Subtotal		1,385,000.00				9,341.26	0.00	9,341.26	0.00
Dividend	01/03/2017	31846V203	47,611.40	First American Govt Obligation Fund	0.000		38.66	0.00	38.66	0.00
	Subtotal		47,611.40				38.66	0.00	38.66	0.00
TOTAL OTHER TRANSACTIONS			1,432,611.40				9,379.92	0.00	9,379.92	0.00

Staff Report/Memorandum



To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: YTD District Budget Monthly Status Report

For Action **Fiscal Impact** **Funds Budgeted**
 Information Only **Cost Estimate:** \$

Discussion:

Attached for your review is the YTD District Budget Status Report for period ending January 31, 2017.

Miramar sales are 121% of budget, while overall water sales are 115% of budget on a YTD basis.

The first of two payments for the ***MWD RTS Charge*** and the ***MWD Capacity Charge*** were billed by MWD in October. The remaining payments will be due in April 2017.

Membership Dues & Fees exceeds the budget slightly due to higher than expected LAFCO and Subvention Administration fees.

The ***Hydroelectric Facilities*** line item is over budget due to the replacement of the electromagnetic flowmeter on the Miramar hydro.

THREE VALLEYS MUNICIPAL WATER DISTRICT				
DISTRICT BUDGET - FISCAL YEAR 2016-2017				
Month Ending January 31, 2017				
	2016-2017 YTD Actual	Annual Budget All Funds	2016-2017 Percent of Budget	2016-2017 Balance Remaining
REVENUES				
OPERATING REVENUES				
Water Sales	37,949,195	44,592,121	85.1%	6,642,926
MWD RTS Standby Charge	1,926,835	3,732,684	51.6%	1,805,849
MWD Capacity Charge Assessment	1,092,437	1,687,770	64.7%	595,333
TVMWD Fixed Charges	373,908	629,362	59.4%	255,454
Hydroelectric Revenue	54,536	36,891	147.8%	(17,645)
NON-OPERATING REVENUES				
Property Taxes	1,060,027	1,942,527	54.6%	882,500
Interest Income	95,793	114,552	83.6%	18,759
Notes Receivable - Principal	20,822	35,700	58.3%	14,878
Pumpback O&M/Reservoir #2 Reimbursement	15,034	20,000	75.2%	4,966
Grants and Other Revenue	4,782	27,525	17.4%	22,743
TOTAL REVENUES	42,593,369	52,819,132	80.6%	10,225,763
EXPENSES				
OPERATING EXPENSES				
MWD Water Purchases	34,679,485	39,388,006	88.0%	4,708,521
MWD RTS Standby Charge	2,077,696	3,732,684	55.7%	1,654,988
Staff Compensation	2,204,854	3,639,907	60.6%	1,435,053
MWD Capacity Charge	973,370	1,687,770	57.7%	714,400
Operations and Maintenance	757,636	1,091,538	69.4%	333,902
Professional Services	278,032	416,004	66.8%	137,972
Directors Compensation	145,706	269,381	54.1%	123,675
Communication and Conservation Programs	98,673	217,767	45.3%	119,094
Planning & Resources	23,723	165,000	14.4%	141,277
Membership Dues and Fees	119,946	118,859	100.9%	(1,087)
Hydroelectric Facilities	44,194	34,407	128.4%	(9,787)
NON OPERATING EXPENSES				
Pumpback O&M/Reservoir #2 Expenses	13,192	20,000	66.0%	6,808
RESERVE EXPENSES				
Reserve Replenishment	-	181,394	0.0%	181,394
CAPITAL INVESTMENT				
Capital Repair & Replacement	15,993	1,747,859	0.9%	1,731,866
Capital Investment Program	103,420	2,511,864	4.1%	2,408,444
TOTAL EXPENSES	41,535,920	55,222,440	75.2%	13,686,520
NET INCOME (LOSS) BEFORE TRANSFERS	1,057,449	(2,403,308)		(3,460,757)
TRANSFER IN FROM DEBT RESERVES				-
TRANSFER IN FROM CAPITAL RESERVES		(408,643)		(408,643)
TRANSFER IN FROM OPPORTUNITY RESERVE				-
TRANSFER IN FROM ENCUMBERED RESERVES	112,335	2,725,837		2,613,502
NET INCOME (LOSS) AFTER TRANSFERS	\$ 1,169,784	\$ (86,114)		\$ (1,255,898)

****This budget is prepared on a modified cash-basis of accounting, which is a basis of accounting other than generally accepted accounting principles (GAAP).**



Staff Report/Memorandum

To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: Warrant Summary Disbursements

<input checked="" type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input checked="" type="checkbox"/> Funds Budgeted
<input type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$ 4,875,832.55

Requested Action:

Receive and file the Warrant Summary (Disbursements) for the period ending January 31, 2017 as presented.

Discussion:

The monthly disbursements list is provided for your information.
 General checks 46457 through 46565 totaling \$325,941.65 are listed on pages 1 to 4.
 MWD November water invoice totaling \$4,304,415.00 is listed on page 5.
 Wire transfers for taxing agencies and PERS totaling \$89,436.22 are listed on page 5.
 Total payroll checks 10904 through 10958 totaling \$156,039.68 are listed on page 5.
 Bank of the West invoice detail is listed on page 6.
 Chase Card Services invoice detail is listed on page 6.



THREE VALLEYS MUNICIPAL WATER DISTRICT
 Warrant List
 January 2017
 General Checks 46457 - 46565
 Payroll Wire Transfer 2289 - 2301
 Payroll Checks 10904 - 10958

Item 7.2

Check Number	Vendor	Description	Paid Amount
46457	ANTHRACITE FILTER MEDIA CO.	ANTHRACITE FILTER MEDIA/SAND	11,956.66
46458	AZUSA LIGHT & WATER	ELECTRIC UTILITY - 11/10/16 TO 12/12/16	17.99
46459	BRUGGER, KATHLEEN R.	AIR RELEASE VACS - WELDING	1,147.50
46460	CCS INTERACTIVE	WEBSITE MAINTENANCE	175.00
46461	CITY OF CLAREMONT	SOLAR CUP TEMPORARY BIN RENTAL	87.73
46462	CSDA	2/28/17 SPECIAL DISTRICT LEADERSHIP ACADEMY CONFERENCE - MENDOZA	225.00
46463	EDISON	MIRAMAR/WILLIAMS/FULTON/PM-26/SCADA/PUMPBACK - DEC	5,029.94
46464	EUROFINS EATON ANALYTICAL	LABORATORY TESTING - TOC	60.00
46465	FAULK, GEORGE	RETIREE HEALTH BENEFITS - NOV	355.00
46466	FEDEX	RETURN PH ANALYZER FOR REPAIRS	12.08
46467	HACH COMPANY	AMMONIA MONOCHLORAMIN ANALYZER/WARRANTYPLUS/CHLORINE ANALYZER MAINT KIT/AMMONIA	22,663.48
46468	HIGH-TECH DIGITAL NETWORKS,INC	TELEPHONE MAINTENANCE - PHONE SET UP	225.00
46469	HOWIE, KIRK	MILEAGE EXPENSE OCT/NOV/DEC	54.00
46470	INTEGRITY MUN. SVCS, LLC	EMERGENCY CHLORINE SCRUBBER SYS ANNUAL INSPECTION/AMMONIA VAPOR ABSORBER MEDIA	2,994.50
46471	IRONWOOD UNLIMITED INC.	LANDSCAPE MAINTENANCE - PLANTS	651.71
46472	LA VERNE CHAMBER OF COMMERCE	MEMBERSHIP DUES JAN 1 - JUN 30, 2017 - BOWCOCK	95.00
46473	LANCASTER, CHRISTOPHER W.	2016 SUSTAINABLE LIVING "DROUGHT OR NO DROUGHT" LA TIMES/SGV/INLAND BULLETIN ADS	7,800.00
46474	LIEBERT CASSIDY WHITMORE	LEGAL FEES - NOV	364.00
46475	MC MASTER-CARR SUPPLY COMPANY	BLASTING MEDIA	63.49
46476	POMONA WHOLESALE ELECTRIC	LIQUID TIGHT CONNECTORS/COUPLING/VOLTAGE TESTER	76.92
46477	PREMIER FAMILY MEDICINE ASSOC	INTERN PHYSICAL/PULMONARY TEST/RESPIRATORY CLEARANCE FORM	155.00
46478	RAYNE WATER CONDITIONING, INC.	WATER SOFTENING SYSTEM METERED VALVE	4,286.15
46479	REGNL CHAMBER OF COMMERCE SGV	2016 BUSINESS OF THE YEAR AWARDS & EXPO - GOYTIA	50.00
46480	SACRAMENTO RIVER WATERSHED PGM	CALIFORNIA WATER POLICY 26 CONFERENCE SPONSORSHIP	1,000.00
46481	SGV ECONOMIC PARTNERSHIP	LEADER LEVEL MEMBERSHIP DUES	20,000.00
46482	SWRCB	WATER SYSTEM FEES 7/1/15 THROUGH 6/30/16	11,416.51
46483	TIME WARNER CABLE	BROADBAND SERVICES - WILLIAMS/PLANT 2/FULTON 12/9/16 - 1/20/17	239.97
46484	WALNUT VALLEY UNIFIED SCHOOL	11/17/16 PROJECT WET WORKSHOP - SUBSTITUTE TEACHER	105.00



THREE VALLEYS MUNICIPAL WATER DISTRICT
 Warrant List
 January 2017
 General Checks 46457 - 46565
 Payroll Wire Transfer 2289 - 2301
 Payroll Checks 10904 - 10958

Item 7.2

Check Number	Vendor	Description	Paid Amount
46485	BRUNICK, MCELHANEY & KENNEDY	LEGAL FEES - DECEMBER	6,395.00
46486	DOMINGO TUNQUE	RETIREE HEALTH BENEFITS - JAN	134.00
46487	EDISON	MIRAMAR - DEC	6,755.40
46488	FAULK, GEORGE	RETIREE HEALTH BENEFITS - JAN	341.29
46489	FORD OF UPLAND, INC.	OIL & FILTER CHANGE/MULTI-POINT INSPECTION & TIRE ROTATION	52.36
46490	GAS COMPANY	FULTON SERVICE 11/2/16 - 12/2/16	94.38
46491	GE ANALYTICAL INSTRUMENTS	TOC PREVENTIVE MAINTENANCE AGREEMENT/PLATINUM WARRANTY	9,612.00
46492	SOUTH COAST MEDIA SVC	OUTREACH AD	564.00
46493	KRIEZEL, BETTY	RETIREE HEALTH BENEFITS - JAN	106.00
46494	LAREZ, MARY PAT	RETIREE HEALTH BENEFITS - JAN	106.00
46495	LOWE'S	SHELVING UNIT/TV MOUNT/DOOR LEVERS/TARPS/DOOR MATS/GLOVES/SAW BLADE SET/LIGHTS	762.72
46496	SAN GABRIEL VALLEY MWD	WATER DELIVERY TO NORTH AZUSA CONNECTION ADMIN FEE - OCT/NOV/DEC	4,345.00
46497	UPS	RETURN PRESSURE TRANSDUCER FOR REPAIRS	13.74
46498	BANK OF THE WEST	BANK OF THE WEST INVOICE DETAIL - LAST PAGE	13,872.07
46499	CLS LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE - PLANTS/MULCH INSTALL	1,460.00
46500	EDISON	WILLIAMS/FULTON - DEC	286.78
46501	GRAINGER	TOE GUARDS	38.84
46502	HACH COMPANY	CHLORINE ANALYZER MAINT KITS/TURBIDITY STANDARD/SALT BRIDGE/BUFFER SOLUTIONS	1,203.75
46503	HARRINGTON IND PLASTICS, LLC	TUBINGS	440.81
46504	LIGHT BULBS ETC.	LIGHT BULBS	10.72
46505	MATTHEW BENDER & CO., INC	2017 CA DEER WATER 10 VOLUMES/GOVT 21 VOLUMES	1,029.96
46506	MICROBIOLOGICS INC	STAPHYLOCOCCUS AUREUS SUBSP/KLEBSIELLA PNEUMONIAE	241.88
46507	ROWLAND UNIFIED SCHOOL DIST.	11/17/16 PROJECT WET WORKSHOP - SUBSTITUTE TEACHER	155.60
46508	TOOLSUS	WRENCH/PLIERS/WRENCH KIT	512.49
46509	VERIZON WIRELESS	CELLULAR & IPAD SERVICES/MOBILE BROADBAND 12/26/16 - 1/25/17	357.43
46510	BONITA UNIFIED SCHOOL DIST.	11/17/16 PROJECT WET WORKSHOP - SUBSTITUTE TEACHERS	421.71
46511	BRENNTAG PACIFIC, INC.	SODIUM HYDROXIDE	7,176.92
46512	BRIAN R. BLOOM - ARCHITECT	ADMIN BLDG IMPROVEMENTS-BREAK ROOM ADDITION PRELIMINARY DESIGN-CONSTRUCTION DOCS	1,096.28



THREE VALLEYS MUNICIPAL WATER DISTRICT
 Warrant List
 January 2017
 General Checks 46457 - 46565
 Payroll Wire Transfer 2289 - 2301
 Payroll Checks 10904 - 10958

Item 7.2

Check Number	Vendor	Description	Paid Amount
46513	CHASE CARD SERVICES	CHASE CARD SERVICES INVOICE DETAIL - LAST PAGE	8,993.63
46514	CITY OF CLAREMONT	REFUSE PICKUP/STREET SWEEPING - DEC	134.50
46515	CROWELL, JEFFERSON	MAGNETIC DRY ERASE BOARD	286.19
46516	EDISON	MIRAMAR - DEC	241.45
46517	HACH COMPANY	PROGNOSYS AMC LICENSE KIT/LAB TURBIDIMETER SAMPLE CELLS	862.74
46518	IDEAL COMFORT INC	HEAT & AIR CONDITIONING QUARTERLY PREVENTATIVE MAINTENANCE	577.00
46519	IDEXX DISTRIBUTION CORP	COMPARATORS	28.17
46520	JCI JONES CHEMICALS, INC.	CHLORINE	5,433.58
46521	RIDDLE & SONS ROOFING INC.	ROOF REPAIRS	600.00
46522	SGV WATER ASSOCIATION	2017 MEMBERSHIP DUES	100.00
46523	WEX BANK	FUEL 12/1/16 - 12/31/16	898.29
46524	AMERICA'S TIRE COMPANY	TIRES FOR DISTRICT VEHICLE	1,070.92
46525	ACWA	2017 MEMBERSHIP DUES	21,353.37
46526	ACWA/JPIA	ACWA EMPLOYEE BENEFITS - FEBRUARY 2017	41,909.34
46527	ACWA/JPIA	WORKER'S COMPENSATION 10/1/16 - 12/31/16	11,581.00
46528	CANON FINANCIAL SERVICES, INC.	COPY MACHINE LEASE - JAN	1,802.25
46529	CARQUEST AUTO PARTS	FITTINGS/WATER WETTER	49.31
46530	CLAREMONT PRINT & COPY	BUSINESS CARDS - MENDOZA	95.92
46531	CLS LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE - JAN/TREE REMOVAL	3,140.00
46532	DENALI WATER SOLUTIONS	SLUDGE REMOVAL - DEC	2,294.60
46533	EMPLOYER'S INFOSOURCE	INTERN BACKGROUND VERIFICATION REPORT	59.00
46534	GAS COMPANY	FULTON SERVICE 12/2/16 - 1/5/17	16.77
46535	GFOA	MEMBERSHIP DUES - LINTHICUM	160.00
46536	INTERFACE SECURITY SYSTEMS LLC	EOC WIRELESS BROADBAND SERVICE 2/1/17 - 2/28/17	134.88
46537	LAYFIELD USA CORP	RESERVOIR #1 & RESERVOIR #2 FLOATING COVERS REPAIRS	8,861.76
46538	MICHAEL J ARNOLD & ASSOC, INC.	LEGISLATIVE CONSULTANT JAN/DEC EXPENSES	6,094.49
46539	PITNEY BOWES GLOBAL FINANCIAL	PROPERTY TAX FOR POSTAGE MACHINE LEASE	17.76
46540	SCWUA	2017 MEMBERSHIP DUES	400.00



THREE VALLEYS MUNICIPAL WATER DISTRICT
 Warrant List
 January 2017
 General Checks 46457 - 46565
 Payroll Wire Transfer 2289 - 2301
 Payroll Checks 10904 - 10958

Item 7.2

Check Number	Vendor	Description	Paid Amount
46541	SCWUA	1/26/17 CALIFORNIA'S WATER SUPPLIES - GOYTIA,BOWCOCK,RUZICKA,MENDOZA,HORAN,HOWIE	180.00
46542	UNDERGROUND SERVICE ALERT	DIGALERT TICKETS - DEC	27.00
46543	WELLRIGHT LLC	WELLNESS PROGRAM WEBSITE MAINTENANCE THROUGH 12/31/16	250.00
46544	WILLDAN FINANCIAL SERVICES	WATER STANDBY CHARGE ASSESSMENT DISTRICT ADMINISTRATION FY 2016/17	5,062.97
46545	AFLAC	AFLAC SUPP. INS: JANUARY 2017	806.50
46546	AZUSA LIGHT & WATER	ELECTRIC UTILITY - 12/12/16 TO 1/12/17	18.34
46547	BRENNTAG PACIFIC, INC.	SODIUM HYPOCHLORITE	1,791.86
46548	FRONTIER	DSL FOR SCADA 1/10/17 - 2/9/17	89.99
46549	GRAINGER	ROLL HARDWOUND	136.83
46550	HACH COMPANY	LAMP ASSEMBLY/TURBIDITY STANDARD/AMMONIA SALICYLATE/CYANURATE/HARDNESS INDICATOR	951.75
46551	HOUSE, LON W.	WILLIAMS/FULTON GENERATION OPTIONS ANALYSIS	2,143.75
46552	KENNEDY/JENKS CONSULTANTS	WEST BASELINE WELL - PLANNING & DESIGN SERVICE THROUGH 10/28/16	10,854.64
46553	LARIOS, LEONARDO	SAFETY FOOTWEAR	200.00
46554	LINCOLN FINANCIAL GROUP	401A DEFRD: JANUARY 2017	400.00
46555	LINCOLN LIFE, EMPL SVCS(5H-26)	457 DEFRD: JANUARY 2017	19,606.49
46556	ODYSSEY POWER	GENERATOR MAINTENANCE	607.00
46557	OFFICE DEPOT	TONER CARTRIDGES/PAPER/PENS/PAPER TOWELS/TISSUE PAPER/HAND SOAP	1,149.89
46558	RELIANCE STANDARD LIFE INS.	LT DISAB: JANUARY 2017	999.40
46559	SCWUA	2/7/17 CALGON CARBON SEMINAR - DEJESUS,MENDOZA,PERALTA,EVANGELISTA,SUAREZ	150.00
46560	SGV WATER ASSOCIATION	2/8/17 QUARTERLY LUNCHEON MEETING - DE JESUS,HORAN	50.00
46561	SIX BASINS WATERMASTER	SIX BASINS ASSESSMENT FIRST INSTALLMENT PAYMENT CY 2017	7,188.89
46562	SWRCB-DWOCP	D3 CERTIFICATION RENEWAL - EVANGELISTA	90.00
46563	SYNCB/AMAZON	THERMOMETER/RAINWEAR JACKET/PANT/AIR FILTER SPARK PLUG/OIL LINE/DAILY LOG BOOK	312.28
46564	THOMAS HARDER & CO.	GRAND AVE WELL - ENGINEERING DESIGN/ANALYSIS/CONSTRUCTION MANAGEMENT/INSPECTION	5,815.00
46565	NTENSETEES	OPERATIONS SHIRTS WITH LOGO	967.39
TOTAL AMOUNT OF CHECKS LISTED			\$ 325,941.65



THREE VALLEYS MUNICIPAL WATER DISTRICT
 Warrant List
 January 2017
 General Checks 46457 - 46565
 Payroll Wire Transfer 2289 - 2301
 Payroll Checks 10904 - 10958

Item 7.2

Check Number	Vendor	Description	Paid Amount
12760	METROPOLITAN WATER DISTRICT	NOVEMBER 2016 MWD WATER INVOICE	4,304,415.00
TOTAL AMOUNT OF MWD INVOICE			\$ 4,304,415.00
2289	FEDERAL TAX PAYMENT	FED TAX: JANUARY 15 PAYROLL	16,436.42
2290	WAGeworks	HEALTH SAVINGS ACCT: JANUARY 15 PAYROLL	869.57
2291	PUBLIC EMPLOYEES RETIREMENT SY	PERS CONTR: JANUARY 15 PAYROLL	17,128.65
2292	STATE TAX PAYMENT	STATE TAX: JANUARY 15 PAYROLL	5,860.57
2293	CALPERS-457 PLAN	PERS-457 DEFERRED COMP/EMPL LOAN: JANUARY 2017	6,699.24
2294	WAGeworks	HEALTH SAVINGS ACCT: BOARD-JANUARY 2017	495.83
2295	FEDERAL TAX PAYMENT	FED TAX: BOARD-JANUARY 2017	1,237.31
2296	STATE TAX PAYMENT	STATE TAX: BOARD-JANUARY 2017	574.69
2297	CALPERS-457 PLAN	PERS-457 DEFRD COMP: BOARD-JANUARY 2017	435.00
2298	FEDERAL TAX PAYMENT	FED TAX: JANUARY 31 PAYROLL	15,948.90
2299	WAGeworks	HEALTH SAVINGS ACCT: JANUARY 31 PAYROLL	1,369.57
2300	PUBLIC EMPLOYEES RETIREMENT SY	PERS CONTR: JANUARY 31 PAYROLL	16,663.54
2301	STATE TAX PAYMENT	STATE TAX: JANUARY 31 PAYROLL	5,716.93
TOTAL AMOUNT OF PAYROLL WIRE TRANSFERS LISTED			\$ 89,436.22
PAYROLL SUMMARY			
Check# 10904 - 10958			TOTAL AMOUNT OF PAYROLL CHECKS LISTED
			\$ 156,039.68
TOTAL JANUARY 2017 CASH DISBURSEMENTS			\$ 4,875,832.55



THREE VALLEYS MUNICIPAL WATER DISTRICT
 Warrant List
 January 2017
 Bank of the West Invoice Detail Check 46498
 Chase Card Services Invoice Detail Check 46513

Item 7.2

Check Number	Vendor	Description	Paid Amount
46498	ACCENT COMPUTER SOLUTIONS, INC.	IT SERVICES - DEC/PROTECH BACKUP/WATCHGUARD FIREWALL/POINT TO POINT WIRELESS	4,762.33
46498	AIRGAS SPECIALTY PRODUCTS	AMMONIA	2,068.15
46498	CLINICAL LABORATORY OF SB, INC.	LABORATORY TESTING - NOV	140.00
46498	GROUND CONTROL SYSTEMS, INC.	IDIRECT EMERGENCY RESPONDER SERVICES FEE - NOV	279.00
46498	VWR INTERNATIONAL INC.	BUFFER SOLUTIONS/AUTOCLAVE BAGS/RAGS/ALKALINE REAGENT/DEODORANT PADS	1,072.81
46498	WESTERN WATER WORKS SUPPLY CO	WATER LEVEL METER/GATE VALVE/HIGH FLOW AIR VALVE/RING GASKETS	5,549.78
TOTAL AMOUNT OF BANK OF THE WEST INVOICE			\$13,872.07
46513	ADVANCE AUTO SMOG CHECK CENTER	SMOG CHECK FOR DISTRICT VEHICLES	80.00
46513	BEST BUY	COMPUTER MONITOR	198.84
46513	BIG LOTS	HOLIDAY DÉCOR/EOC TRAILER SUPPLIES	71.71
46513	IN-SITU INC.	LEVEL TAPE FOR WELLS	128.68
46513	LOWE'S	CHRISTMAS TREE/LIGHTS	92.79
46513	MISCELLANEOUS VENDORS	EVENTS REGISTRATIONS & EXPENSES - DEC	1,168.21
46513	MY JEWELER	STONES FOR SERVICE PINS	544.20
46513	PACIFIC SALES	BREAKROOM APPLIANCES - DEPOSIT	1,500.01
46513	ROUTE 66 AUTO REPAIR	TRUCK RENTAL FOR RAIN BARRELS	88.39
46513	SHERATON FAIRPLEX	10/27/16 LEADERSHIP BREAKFAST	3,456.15
46513	TE CONNECTIVITY - US	WELL LEVEL TRANSDUCER	1,664.65
TOTAL AMOUNT OF CHASE CARD SERVICES INVOICE			\$ 8,993.63

Staff Report/Memorandum



To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: FY 16-17 2nd Quarter Reserve Schedule Update

For Action **Fiscal Impact** **Funds Budgeted**
 Information Only **Cost Estimate:** \$

Discussion:

Attached for Board review is the Reserve Schedule as of December 31, 2016. This schedule identifies encumbered reserves that have been set aside for specific projects and Board designated reserves.

Strategic Plan Objective(s):

- 3.1 – Utilize and comply with a set of financial policies to maintain TVMWD's financial health
- 3.3 – Be accountable and transparent with major decisions

Item 7.3

TVMWD RESERVES SCHEDULE

FUND BALANCE	June 30, 2016 BALANCE	SOURCES	USES	December 31, 2016 BALANCE
RESERVED FOR ENCUMBRANCE				
Security Equipment	92,269	-	-	92,269
Miramar Hydros #2 & #3	166,797	-	(2,346)	164,451
SCADA Modification/Upgrades	67,253	18,954	(5,250)	80,957
Manway Installations	106,185	176,076	(2,696)	279,565
PM-24 Connection Modification	560,000	-	-	560,000
Miramar Storage Building	6,975	-	(950)	6,025
PM-26 Expansion	40,000	167,813	-	207,813
Administration Building Improvements	506,582	-	(5,451)	501,131
TVMWD Well - Grand Ave. Claremont	127,964	276,154	20,066	424,184
TVMWD Well - West Baseline Claremont	626,257	-	(90,378)	535,879
Miramar Plant Plunger Valve	150,000	-	-	150,000
Carport Cover w/Solar Panels	6,019	245,833	(1,130)	250,722
Pond 3 Sump Pump	37,781	158,000	(8,935)	186,847
Williams Hydroelectric Analysis/Switchboard Repla	102,772	158,611	-	261,383
Fulton Hydroelectric Analysis/Switchboard Replacer	116,694	127,222	-	243,916
Miramar Hydroelectric Switchboard Replacement	12,289	125,221	-	137,510
	\$ 2,725,837	\$ 1,453,884	\$ (97,070)	\$ 4,082,651

RESERVE GOAL

BOARD DESIGNATED				
Board Elections	\$ 160,000	-	-	\$ 160,000
Water Management	66,667	-	-	66,667
Water Rate Stabilization	1,672,035	-	-	1,672,035
Capital Asset R/R	5,106,261	-	-	5,106,261
Opportunity	1,770,545	-	-	1,770,545
Employee Benefits - Retiree Medical	442,973	-	-	442,973
Emergency	-	-	-	-
	\$ 9,218,481	\$ -	\$ -	\$ 9,218,481

Lower	Upper
\$ 120,000	\$ 160,000
-	200,000
1,200,000	1,800,000
3,800,000	9,100,000
2,000,000	3,000,000
442,973	442,973
781,519	781,519
\$ 8,344,492	\$ 15,484,492

RESOLUTION NO. 17-02-793
BOARD OF DIRECTORS OF
THREE VALLEYS MUNICIPAL WATER DISTRICT
CONCURRING IN NOMINATION OF KATHLEEN J. TIEGS, CUCAMONGA VALLEY
WATER DISTRICT, TO THE EXECUTIVE COMMITTEE
OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES
JOINT POWERS INSURANCE AUTHORITY ("ACWA JPIA")

WHEREAS, Three Valleys Municipal Water District (TVMWD) is a member district of ACWA JPIA; and

WHEREAS, the Bylaws of ACWA JPIA provide that in order for a nomination to be made to ACWA JPIA's **Executive Committee**, three member districts must concur with the nominating district; and

WHEREAS, another ACWA JPIA member district, the Cucamonga Valley Water District, has requested that TVMWD concur in its nomination of its member of the ACWA JPIA Board of Directors to the **Executive Committee** of ACWA JPIA;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of THREE VALLEYS MUNICIPAL WATER DISTRICT that this district concur with the nomination of Kathleen J. Tieg of Cucamonga Valley Water District to the Executive Committee of ACWA JPIA.

BE IT FURTHER RESOLVED that the District Secretary is hereby directed to transmit a certified copy of this resolution to the ACWA JPIA at P.O. Box 619082, Roseville, CA 95661-9082, forthwith.

ADOPTED and **PASSED** at a meeting of the Three Valleys Municipal Water District's Board of Directors, on this 15th day of February, 2017 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Bob Kuhn, President

ATTEST:

Brian Bowcock, Secretary

SEAL:

RESOLUTION NO. 17-02-793

This is to certify that at a regular meeting of the Three Valleys Municipal Water District Board of Directors, held at the offices of the District located at 1021 E. Miramar Avenue, Claremont, California on February 15, 2017, all the Directors being present and voting, it was unanimously voted by Motion #17-02-5121 to adopt Resolution No. 17-02-793

VOTED:

AYES:

NOES:

ABSTAIN:

ABSENT:

A TRUE COPY

ATTEST: _____
Victoria A. Hahn, Executive Assistant / District Clerk

The undersigned hereby certifies that she is the Executive Assistant / District Clerk of Three Valleys Municipal Water District Board of Directors, a public agency organized under the provisions of the Municipal Water District Act of 1911, that the foregoing is a true and correct copy of a resolution duly adopted at a meeting of the Board of Directors of said district held on February 15, 2017 at which meeting a quorum was at all times present and acting; that the passage of said resolution was in all respects legal; and that said resolution is in full force and effect.

RECEIVED

JAN 30 2017

THREE VALLEYS MWD

January 25, 2017

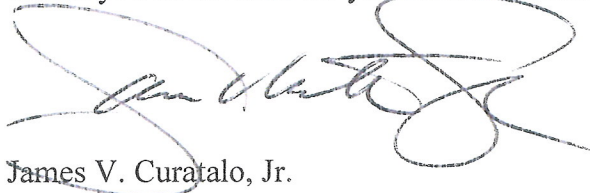
Dear Fellow ACWA/JPIA Member:

On January 24, 2017 the Cucamonga Valley Water District Board of Directors adopted Resolution No. 2017-1-1 nominating Director Kathleen J. Tieggs for the position of ACWA/JPIA Executive Committee. We are formally requesting your support of Director Tieggs' nomination through the adoption of a concurring resolution from your agency.

Director Tieggs has been actively involved in ACWA/JPIA having served the past 10 years on the board, as well as having experience as the ex-officio member on the Executive Committee. Director Tieggs is committed to continuing the great work of providing quality insurance and employee benefit services that ensure our agencies and ratepayers are receiving the most cost-effective service possible.

I have attached a sample concurring resolution in support of Director Tieggs' nomination, as well as her candidate statement. The elections for ACWA/JPIA Executive Committee will be held May 8, 2017, should you desire to adopt a resolution or if you have questions please contact our Executive Assistant to the Board, Taya Victorino at 909.987.2591 or tayav@cvwdwater.com.

Thank you in advance for your consideration.



James V. Curatalo, Jr.
President

Attachments:

Sample Concurring Resolution
Candidate Statement – Director Tieggs

Kathleen J. Tiegs
Candidate Statement for
Association of California Water Agencies
Joint Powers Insurance Authority (ACWA/JPIA) Executive Committee



Dear ACWA/JPIA Board Members:

I am pleased to share with you my interest in serving on the Executive Committee for ACWA/JPIA. I believe I am prepared and ready for the challenge to help lead the organization as we continue to grapple with providing the best and most cost-effective insurance and employee benefit services to our members.

My experience with the ACWA/JPIA began over 10 years ago when I was appointed by the Cucamonga Valley Water District (CVWD) to serve as their ACWA/JPIA representative. I have also served as the ex-officio member of the Executive Committee in 2015-2016. As part of the Executive Committee I was able to provide the leadership and feedback to staff to ensure they were continuing to uphold the mission of the ACWA/JPIA: *“to consistently and cost effectively provide the broadest possible affordable insurance coverage and related services to its member agencies”*.

I have served on the CVWD board of directors for approximately 12 years, and have served in the role as both president and vice-president of the board of directors. I am currently a member of the Legislative/Outreach and the Human Resources/Risk Management committees. The Human Resources/Risk Management Committee is responsible for overseeing employee benefits, risk management and safety programs for the organization. At CVWD, we have taken full advantage of all the programs the ACWA/JPIA has to offer to ensure our employees are working in the safest environment possible. Our board of directors has also adopted the *Commitment to Excellence* Program pledge putting into place best management practices which bolsters our effectiveness for loss prevention and safety.

I currently serve as the President for the Association of California Agencies (ACWA). In my role as president I have focused on increasing my understanding of our members needs so that I may know how to better serve and lead the ACWA organization. I will use this same approach if elected to serve on the ACWA/JPIA Executive Committee.


The election for ACWA/JPIA is scheduled for May 8, 2017 at the conference. Thank you for allowing me to share my experience, leadership and knowledge. I look forward to the opportunity to represent you and your agency. Please feel free to contact me directly at (909) 635-4177 should you have questions or if you would like to support my candidacy.

Thank you in advance for your consideration,

A handwritten signature in black ink that reads "Kathy Tiegs". The signature is written in a cursive, flowing style.



Staff Report/Memorandum

To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager 
Date: February 15, 2017
Subject: Legislative Update – February 2017

<input type="checkbox"/>	For Action	<input type="checkbox"/>	Fiscal Impact	<input type="checkbox"/>	Funds Budgeted
<input checked="" type="checkbox"/>	Information Only	<input type="checkbox"/>	Cost Estimate:	\$	

Discussion:

State Legislative Activity

Attached for Board review is the updated *California Legislative Calendar* for 2017. This Friday is the deadline for bills to be introduced into either house of the legislature. Once staff has the opportunity to review the large number of recently introduced bills, a status update will be prepared and brought back to the Board in March.

The various Committee assignments were established in January for both the Senate and Assembly and it is nice to see some of our local elected officials in key positions of interest to the district. In the Senate, Connie Leyva is the Democratic Caucus Chair and Ed Hernandez is serving on the Governance & Finance committee. In the Assembly, we have Blanca Rubio serving on the Water, Parks & Wildlife committee. The full list of committee assignments from both houses is attached.

State Water Resources Control Board

For much of the past month, the State Water Resources Control Board (SWRCB) expressed consideration in readopting the current drought-related emergency regulations for urban water conservation (Emergency Regulation). The Emergency Regulation was first adopted by the SWRCB in May 2015, extended in February 2016, then amended and extended again in May 2016 to implement Governor Brown's executive orders B-29-15, B-36-15 and B-37-16. The current version of the Emergency Regulation is scheduled to expire on February 28, 2017.

In light of extraordinary and welcome rainfall and snowpack conditions already this winter and the nearly universal improvements in local water supply security, the District

has joined several other water agencies and associations statewide in voicing that the Emergency Regulation is no longer necessary. However, on February 8 at a hearing of the SWRCB, the board unanimously voted to extend the Emergency Regulation until at least May, at which time it will be addressed again. Attached is the resolution that was last adopted and signed by Governor Brown in May 2016, along with an updated fact sheet on conservation data recently released by the SWRCB.

Cumulative statewide savings from June 2015 through December 2016 clocked in at 22.5% and during that time, 2.43 million acre-feet of water have been saved — enough to supply more than 12 million people for a year (roughly a third of the state population).

Strategic Plan Objectives:

1.7 – Advocate for a Bay-Delta fix

3.5 – Ensure that all of the region’s local government policy makers understand TVMWD’s role in the delivery of water



2017 Legislative Calendar

- January 1 2016 Statutes take effect.
- January 4 **Legislature reconvenes.**
- January 10 Budget Bill must be submitted by Governor.
- January 20 **Last day to submit bill requests to Legislative Counsel.**
- February 17 **Last day for bills to be introduced.**
- April 6 Spring Recess begins at the end of this day's session.
- April 17 Legislature reconvenes from Spring Recess.
- April 28 **Last day for policy committees to meet and report to Fiscal Committees fiscal bills introduced in their house.**
- May 12 **Last day for policy committees to meet and report to the floor non-fiscal bills introduced in their house.**
- May 19 **Last day for policy committees to meet prior to June 5**
- May 26 **Last day for fiscal committees to meet and report to the floor bills introduced in their house. Last day for fiscal committees to meet prior to June 6**
- May 30-June 2 Floor session only. No committee may meet for any purpose.
- June 2 Last day for bills to be passed out of the house of origin.
- June 5 Committee meetings may resume.
- June 15 **Budget bill must be passed by midnight.**
- July 14 **Last day for policy committee to hear and report fiscal bills to fiscal Committees.**
- July 21 **Last day for policy committees to meet and report bills.**
- Summer Recess begins upon adjournment, provided Budget Bill has been passed.
- August 21 Legislature reconvenes from Summer Recess.
- September 1 **Last day for fiscal committees to meet and report bills to the floor.**
- September 5-15 Floor Session Only. No committee may meet for any purpose.
- September 8 Last day to amend bills on the Floor.
- September 15 **Last day for each house to pass bills. Interim Study recess begins upon adjournment.**
- October 15 **Last day for Governor to sign or veto bills passed by the Legislature before Sept. 15 and in the Governor's possession on or after Sept. 15.**



FOR IMMEDIATE RELEASE: December 21, 2016 **CONTACT:** Anthony Reyes, (916) 651-40

California Senate Leader de León Announces Committee Assignments for the 2017-2018 Regular Session

SACRAMENTO – California Senate President pro Tempore Kevin de León (D-Los Angeles) has announced his leadership members and nominees for Senate standing committee chairs and members, forming a legislative team focused on job creation, long-term economic growth, and protecting the historic progress California has made in the last decade.

Designated committee chairs and membership will be formally adopted by the Senate Rules Committee when it convenes on January 11, 2017.

Majority Leader:

Senator Bill Monning (D-Carmel)

Majority Whip:

Senator Nancy Skinner (D-Berkeley)

Democratic Caucus Chair:

Senator Connie Leyva (D-Chino)

Democratic Caucus Vice-Chair:

Senator Mike McGuire (D-Healdsburg)

Agriculture

Senator Cathleen Galgiani (D-Stockton), Chair
Senator Scott Wilk (R-Santa Clarita), Vice Chair
Senator Tom Berryhill (R-Stanislaus)
Senator Bill Dodd (D-Napa)
Senator Richard Pan (D-Sacramento)

Appropriations

Senator Ricardo Lara (D-Bell Gardens), Chair
Senator Patricia Bates (R-Laguna Niguel), Vice Chair
Senator Jim Beall (D-San Jose)
Senator Steve Bradford (D-Gardena)
Senator Jerry Hill (D-San Mateo)
Senator Jim Nielsen (R-Tehama)
Senator Scott Wiener (D-San Francisco)

Banking and Financial Institutions

Senator Bill Dodd (D-Napa), Chair
Senator Andy Vidak (R-Hanford), Vice Chair
Senator Cathleen Galgiani (D-Stockton)
Senator Ben Hueso (D-San Diego)
Senator Ricardo Lara (D-Bell Gardens)
Senator Mike Morrell (R-Inland Empire)
Senator Anthony Portantino (D-La Cañada-Flintridge)

Budget and Fiscal Review

Senator Holly Mitchell (D-Los Angeles), Chair
Senator Jim Nielsen (R-Tehama), Vice Chair
Senator Ben Allen (D-Santa Monica)
Senator Joel Anderson (R-San Diego)
Senator Jim Beall (D-San Jose)
Senator Steve Glazer (D-Contra Costa)
Senator Mike McGuire (D-Healdsburg)
Senator Tony Mendoza (D-Artesia)
Senator Bill Monning (D-Carmel)
Senator John Moorlach (R-Costa Mesa)
Senator Janet Nguyen (R-Garden Grove)

Senator Richard Pan (D-Sacramento)
Senator Anthony Portantino (D-La Cañada-Flintridge)
Senator Richard Roth (D-Riverside)
Senator Nancy Skinner (D-Berkeley)
Senator Jeff Stone (R-Temecula)
Senator Bob Wieckowski (D-Fremont)

Budget Subcommittee No. 1 on Education

Portantino (Chair), Allen and Moorlach

***Budget Subcommittee No. 2 on Resources, Environmental Protection,
Energy and Transportation***

Wieckowski (Chair), McGuire, Mendoza and Nielsen

Budget Subcommittee No. 3 on Health and Human Services

Pan (Chair), Monning and Stone

***Budget Subcommittee No. 4 on State Administration and General
Government***

Roth (Chair), Glazer and Nguyen

***Budget Subcommittee No. 5 on Corrections, Public Safety and the
Judiciary***

Skinner (Chair), Beall and Anderson

Business, Professions and Economic Development

Senator Jerry Hill (D-San Mateo), Chair
Senator Patricia Bates (R-Laguna Niguel), Vice Chair
Senator Bill Dodd (D-Napa)
Senator Cathleen Galgiani (D-Stockton)
Senator Steve Glazer (D-Contra Costa)
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ANTHONY RENDON

SPEAKER of the ASSEMBLY
Sixty-Third Assembly District

January 20, 2017

E. Dotson Wilson
Chief Clerk of the Assembly
State Capitol, Room 3196
Sacramento, California

Dear Dotson:

Please be advised that I have made appointments to the following committees for the 2017-18 Regular Session:

Accountability and Administrative Review

Assemblymember Susan Eggman, Chair
Assemblymember Tom Lackey, Vice Chair
Assemblymember Autumn Burke
Assemblymember Heath Flora
Assemblymember Jim Frazier
Assemblymember Jose Medina
Assemblymember Sharon Quirk-Silva

Aging and Long-Term Care

Assemblymember Ash Kalra, Chair
Assemblymember Randy Voepel, Vice Chair
Assemblymember Dante Acosta
Assemblymember Anna Caballero
Assemblymember Mike Gipson
Assemblymember Todd Gloria
Assemblymember Adam Gray

Agriculture

Assemblymember Anna Caballero, Chair
Assemblymember Devon Mathis, Vice Chair
Assemblymember Cecilia Aguiar-Curry
Assemblymember Heath Flora
Assemblymember James Gallagher
Assemblymember Adam Gray
Assemblymember Jacqui Irwin
Assemblymember Reginald Jones-Sawyer, Sr.
Assemblymember Bill Quirk
Assemblymember Rudy Salas, Jr.

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Assemblymember Raul Bocanegra
Assemblymember Rob Bonta
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Assemblymember Ian Calderon
Assemblymember Ed Chau
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Assemblymember Marie Waldron, Vice Chair
Assemblymember Dante Acosta
Assemblymember David Chiu
Assemblymember Laura Friedman
Assemblymember Jose Medina
Assemblymember Adrin Nazarian

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Assemblymember Timothy Grayson
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Assemblymember Melissa Melendez
Assemblymember Sebastian Ridley-Thomas
Assemblymember Marc Steinorth
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Assemblymember Shirley Weber

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Assemblymember Jim Patterson
Assemblymember Blanca Rubio
Assemblymember Mark Stone
Assemblymember Randy Voepel
Assemblymember Shirley Weber
Assemblymember Jim Wood

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Assemblymember Devon Mathis
Assemblymember Blanca Rubio
Assemblymember Jim Wood
Assemblymember Phil Ting, Democratic Alternate
Assemblymember Jay Obernolte, Republican Alternate

Budget Subcommittee No. 2 on Education Finance

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Assemblymember Rocky Chávez
Assemblymember Jacqui Irwin
Assemblymember Monique Limón

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Budget Subcommittee No. 2 on Education Finance (continued)

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Assemblymember Jay Obernolte, Republican Alternate

Budget Subcommittee No. 3 on Resources and Transportation

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Sincerely,



ANTHONY RENDON
Speaker of the Assembly

Executive Department

State of California

**EXECUTIVE ORDER B-37-16
MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE**

WHEREAS California has suffered through a severe multi-year drought that has threatened the water supplies of communities and residents, devastated agricultural production in many areas, and harmed fish, animals and their environmental habitats; and

WHEREAS Californians responded to the drought by conserving water at unprecedented levels, reducing water use in communities by 23.9% between June 2015 and March 2016 and saving enough water during this period to provide 6.5 million Californians with water for one year; and

WHEREAS severe drought conditions persist in many areas of the state despite recent winter precipitation, with limited drinking water supplies in some communities, diminished water for agricultural production and environmental habitat, and severely-depleted groundwater basins; and

WHEREAS drought conditions may persist in some parts of the state into 2017 and beyond, as warmer winter temperatures driven by climate change reduce water supply held in mountain snowpack and result in drier soil conditions; and

WHEREAS these ongoing drought conditions and our changing climate require California to move beyond temporary emergency drought measures and adopt permanent changes to use water more wisely and to prepare for more frequent and persistent periods of limited water supply; and

WHEREAS increasing long-term water conservation among Californians, improving water use efficiency within the state's communities and agricultural production, and strengthening local and regional drought planning are critical to California's resilience to drought and climate change; and

WHEREAS these activities are prioritized in the California Water Action Plan, which calls for concrete, measurable actions that "Make Conservation a California Way of Life" and "Manage and Prepare for Dry Periods" in order to improve use of water in our state.

Item 8.A.1

NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular California Government Code sections 8567 and 8571, do hereby issue this Executive Order, effective immediately.

IT IS HEREBY ORDERED THAT:

The orders and provisions contained in my January 17, 2014 Emergency Proclamation, my April 25, 2014 Emergency Proclamation, Executive Orders B-26-14, B-28-14, B-29-15, and B-36-15 remain in full force and in effect except as modified herein.

State agencies shall update temporary emergency water restrictions and transition to permanent, long-term improvements in water use by taking the following actions.

USE WATER MORE WISELY

1. The State Water Resources Control Board (Water Board) shall, as soon as practicable, adjust emergency water conservation regulations through the end of January 2017 in recognition of the differing water supply conditions across the state. To prepare for the possibility of another dry winter, the Water Board shall also develop, by January 2017, a proposal to achieve a mandatory reduction in potable urban water usage that builds off of the mandatory 25% reduction called for in Executive Order B-29-15 and lessons learned through 2016.
2. The Department of Water Resources (Department) shall work with the Water Board to develop new water use targets as part of a permanent framework for urban water agencies. These new water use targets shall build upon the existing state law requirements that the state achieve a 20% reduction in urban water usage by 2020. (Senate Bill No. 7 (7th Extraordinary Session, 2009-2010).) These water use targets shall be customized to the unique conditions of each water agency, shall generate more statewide water conservation than existing requirements, and shall be based on strengthened standards for:
 - a. Indoor residential per capita water use;
 - b. Outdoor irrigation, in a manner that incorporates landscape area, local climate, and new satellite imagery data;
 - c. Commercial, industrial, and institutional water use; and
 - d. Water lost through leaks.

The Department and Water Board shall consult with urban water suppliers, local governments, environmental groups, and other partners to develop these water use targets and shall publicly issue a proposed draft framework by January 10, 2017.

Item 8.A.1

3. The Department and the Water Board shall permanently require urban water suppliers to issue a monthly report on their water usage, amount of conservation achieved, and any enforcement efforts.

ELIMINATE WATER WASTE

4. The Water Board shall permanently prohibit practices that waste potable water, such as:
 - Hosing off sidewalks, driveways and other hardscapes;
 - Washing automobiles with hoses not equipped with a shut-off nozzle;
 - Using non-recirculated water in a fountain or other decorative water feature;
 - Watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and
 - Irrigating ornamental turf on public street medians.
5. The Water Board and the Department shall direct actions to minimize water system leaks that waste large amounts of water. The Water Board, after funding projects to address health and safety, shall use loans from the Drinking Water State Revolving Fund to prioritize local projects that reduce leaks and other water system losses.
6. The Water Board and the Department shall direct urban and agricultural water suppliers to accelerate their data collection, improve water system management, and prioritize capital projects to reduce water waste. The California Public Utilities Commission shall order investor-owned water utilities to accelerate work to minimize leaks.
7. The California Energy Commission shall certify innovative water conservation and water loss detection and control technologies that also increase energy efficiency.

STRENGTHEN LOCAL DROUGHT RESILIENCE

8. The Department shall strengthen requirements for urban Water Shortage Contingency Plans, which urban water agencies are required to maintain. These updated requirements shall include adequate actions to respond to droughts lasting at least five years, as well as more frequent and severe periods of drought. While remaining customized according to local conditions, the updated requirements shall also create common statewide standards so that these plans can be quickly utilized during this and any future droughts.
9. The Department shall consult with urban water suppliers, local governments, environmental groups, and other partners to update requirements for Water Shortage Contingency Plans. The updated draft requirements shall be publicly released by January 10, 2017.

Item 8.A.1

10. For areas not covered by a Water Shortage Contingency Plan, the Department shall work with counties to facilitate improved drought planning for small water suppliers and rural communities.

IMPROVE AGRICULTURAL WATER USE EFFICIENCY AND DROUGHT PLANNING

11. The Department shall work with the California Department of Food and Agriculture to update existing requirements for Agricultural Water Management Plans to ensure that these plans identify and quantify measures to increase water efficiency in their service area and to adequately plan for periods of limited water supply.
12. The Department shall permanently require the completion of Agricultural Water Management Plans by water suppliers with over 10,000 irrigated acres of land.
13. The Department, together with the California Department of Food and Agriculture, shall consult with agricultural water suppliers, local governments, agricultural producers, environmental groups, and other partners to update requirements for Agricultural Water Management Plans. The updated draft requirements shall be publicly released by January 10, 2017.

The Department, Water Board and California Public Utilities Commission shall develop methods to ensure compliance with the provisions of this Executive Order, including technical and financial assistance, agency oversight, and, if necessary, enforcement action by the Water Board to address non-compliant water suppliers.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

I FURTHER DIRECT that as soon as hereafter possible, this order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this order.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 9th day of May 2016.


EDMUND G. BROWN JR.
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State



Fact Sheet

December 2016 Statewide Conservation Data

December Conservation Summary

December 2016 marks the 19th month since the state's 400-plus urban water suppliers were directed to be in compliance with the emergency [conservation standards](#) that followed the Governor's April 1, 2015, [Executive Order](#). The State Water Board has been requiring water production information from urban water suppliers for 31 consecutive months, following the historic [July 2014](#) board action to first adopt emergency water conservation regulations.

On May 18, 2016, following the Governor's May 9 [Executive Order](#), the Board again revised its statewide drought emergency water conservation approach in response to changed drought conditions and calls from urban water suppliers for greater recognition of the broad diversity in water supply reliability conditions throughout the state, replacing the Board's prior percentage reduction-based water conservation standard with a localized "stress test" approach. The "Stress test" approach mandated urban water suppliers ensure, and show, at least a three-year supply of water to their customers under drought conditions. For more information on the extended, Board regulations, visit the fact sheet [here](#).

This fact sheet summarizes the water conservation results for December 2016 and illustrates the progress made since June 2015 when urban water suppliers were first required to comply with state-mandated conservation standards. Current conservation summary data are posted [here](#). Stress test results are [here](#).

In December 2016 the monthly water savings were 20.6 percent compared to December 2013 potable water production. In December 2015 the savings were 18.2 percent. December 2016 water savings are 11 percent higher than December 2015 savings. Since June 2015, Californians have saved nearly 793.2 billion gallons (2,434,323 acre-feet), which equates to a 19-month cumulative savings of 22.5 percent. Based on the estimate that the average person uses 0.2 acre-feet of water per year, this savings is enough to supply 12.2 million Californians with water for one-year; approximately the combined population of San Diego, Orange, San Bernardino, Santa Clara, and Alameda counties, or nearly one-third of the state's population.

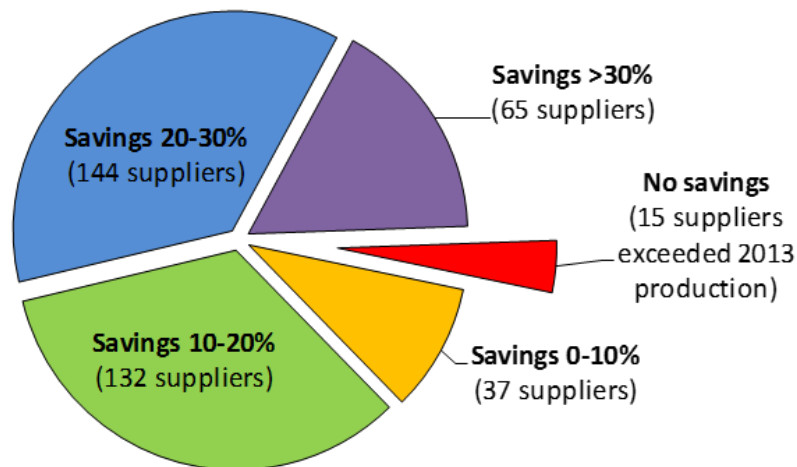
The data from December 2016 continue to show a significant picture of performance by agencies across the state, with most continuing to conserve, while some show a more sizable decline in conservation. Even with increased rainfall, average percent water savings in four out of ten hydrologic regions increased over conservation levels in November 2016, and conservation levels in three hydrologic regions – Central Coast, South Coast, and Colorado River, were greater than in December 2015. The increase over the water savings achieved in December 2015 could be due to conservation messaging taking hold, or could be due to extremely wet conditions in December 2016, and turning off outdoor irrigation, which is both



appropriate and required by the regulation. Where conservation levels dropped compared to last year, the decline may be due to one or more of multiple factors, including lower precipitation, a reduction in conservation messaging, less restrictive irrigation rules, or additional irrigation to establish new landscapes. In most cases, regardless of increased or decreased conservation levels, suppliers were in compliance with their conservation standard set by the regulation based on either their localized supply conditions or their residential per-person water use and the public overall has continued to conserve significantly without a top down assigned target.

Breakdown of Water Savings

The chart below shows the number of suppliers achieving various levels of water savings in December 2016 compared to December 2013 water production. Thirty four percent of suppliers reporting in December 2016 achieved water savings between 10 and 20 percent compared to the same month in 2013; these suppliers serve more than 16.1 million people. Fifty three percent of suppliers, serving more than 17 million Californians, reported water savings of 20 percent or more. Fifteen suppliers reported water production exceeding the December 2013 volume. In looking at this graph, it is important to recall that the obligations imposed by the regulation on individual suppliers are dramatically different now than under the prior iterations of the regulation, when conditions were more dire, and these levels of savings are in many cases significantly higher than what the suppliers have been required to achieve.



- Forty seven out of 65 suppliers that reported water savings greater than 30 percent in December 2016, also increased water savings over what they saved in December 2015. Among suppliers that saved more than 30 percent in December 2016, and increased water savings by 10 percent or more over the conservation in 2015 are: Ventura County Waterworks District No 1, Camrosa Water District, Rubidoux Community Service District, San Juan Water District, Escondido, Rincon Del Diablo Municipal Water District, Thousand Oaks, Rio Vista, Santa Barbara, California Water Service Company Palos Verdes, and Paso Robles.
- Several suppliers among the 52 that reported conservation below 10 percent or no savings in December 2016 also have R-GPCD greater than 100. Among water suppliers with relatively high R-GPCD and conserving less than 10 percent this year



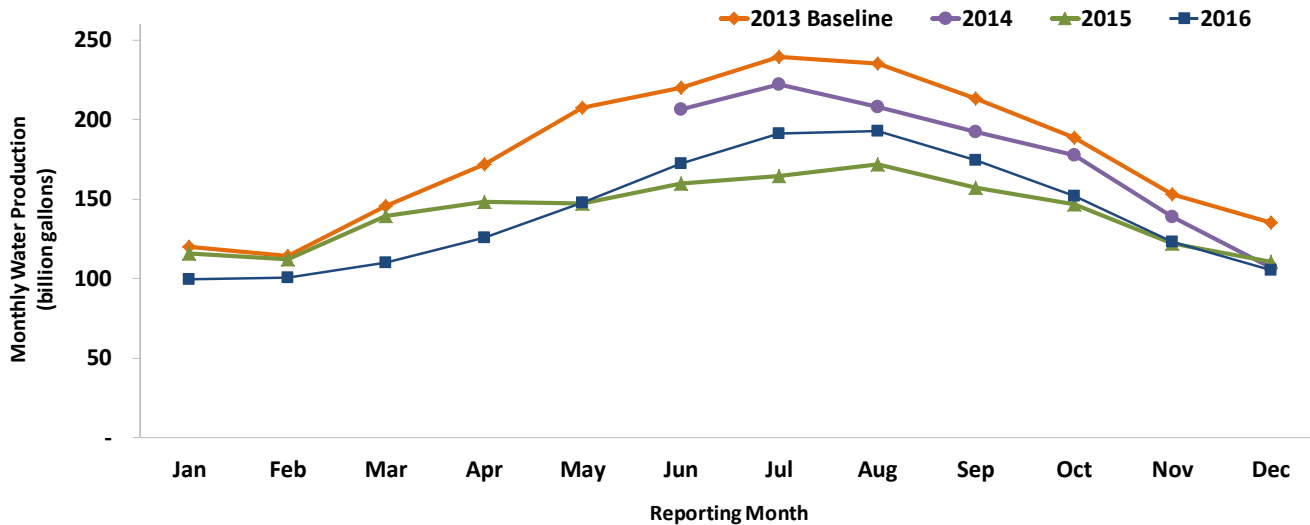
were Palmdale Water District, Folsom, Fairfield, North Marin Water District, and Fruitridge Vista Water Company.

- In looking at the data, percentage savings alone do not tell a complete story of conservation achievement. Suppliers with already low R-GPCD use are taking more significant efforts to save water with small percentage reductions than big users of water for whom it is easier to save water, particularly on outdoor ornamental landscapes. Despite less than 10 percent water savings in December 2016, examples of communities with R-GPCD below 55, and already significant conservation and efficiency achievements include San Bernardino County Service Area 70J, Arcata, Hayward, El Monte, Golden State Water Company Florence Graham, McKinleyville Community Service District, Compton, and Daly City.

Statewide Water Production Trends

The graph below shows the statewide urban potable water production from June 2014 through December 2016.

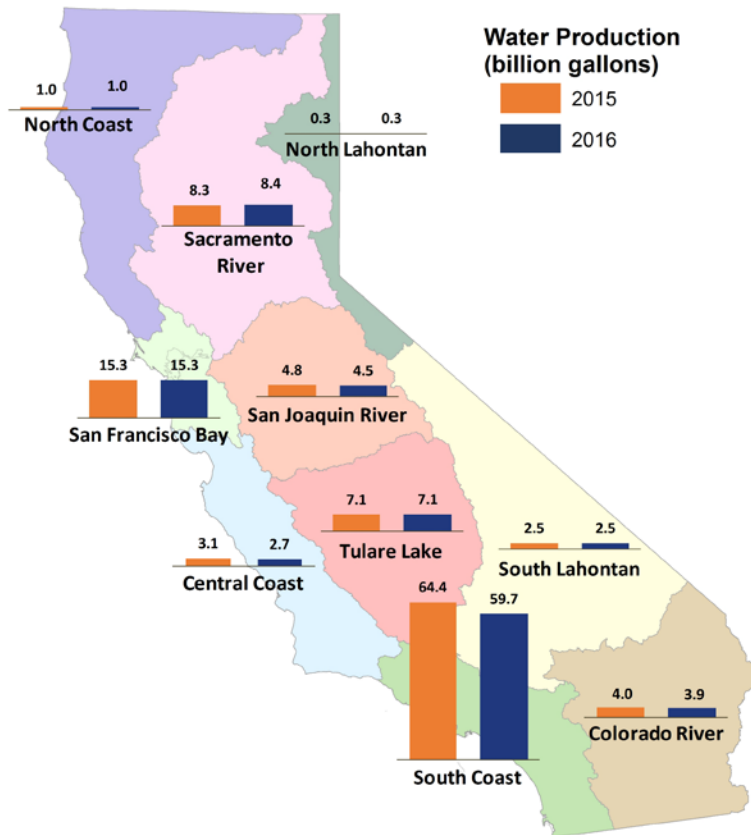
Statewide Water Conservation Results
Water Production June 2014 - December 2016 (Billion Gallons)





Water Savings by Hydrologic Region June 2015 to December 2016

Hydrologic Region	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16
Central Coast	30.6%	31.9%	28.1%	26.9%	24.1%	27.3%	24.7%	19.2%	20.7%	30.4%	29.0%	31.5%	24.7%	26.4%	25.2%	24.9%	26.8%	29.1%	29.1%
Colorado River	25.2%	34.0%	24.7%	17.4%	24.4%	21.3%	10.8%	28.5%	18.0%	17.6%	30.2%	29.3%	23.8%	23.7%	15.1%	7.2%	11.1%	20.6%	11.7%
North Coast	16.0%	32.5%	19.7%	20.0%	16.8%	18.0%	20.3%	19.5%	14.4%	13.6%	27.7%	29.5%	8.9%	23.5%	15.5%	11.7%	21.8%	24.0%	19.2%
North Lahontan	29.8%	32.4%	25.0%	16.2%	10.0%	12.9%	18.8%	27.7%	23.2%	18.4%	30.7%	42.7%	19.5%	13.9%	10.6%	7.6%	16.4%	16.6%	18.7%
Sacramento River	36.3%	37.4%	34.5%	28.0%	25.5%	31.3%	24.6%	13.4%	20.6%	36.6%	30.4%	35.4%	23.4%	23.6%	18.6%	15.3%	30.6%	35.5%	23.4%
San Francisco Bay	32.3%	32.3%	30.5%	25.3%	23.3%	26.8%	23.5%	13.2%	18.1%	25.1%	28.8%	30.9%	22.5%	22.4%	21.1%	17.9%	26.0%	27.4%	22.8%
San Joaquin River	33.4%	34.7%	30.0%	26.7%	26.7%	31.2%	20.2%	15.4%	17.1%	35.2%	32.7%	34.3%	24.7%	24.3%	19.7%	19.2%	26.2%	29.3%	19.9%
South Coast	22.9%	28.2%	23.7%	26.7%	20.6%	14.1%	15.9%	18.0%	6.9%	20.9%	22.8%	24.2%	20.0%	17.0%	15.3%	19.5%	15.7%	12.3%	20.5%
South Lahontan	31.1%	35.9%	29.3%	25.8%	22.9%	18.8%	5.0%	18.4%	13.1%	27.8%	27.5%	25.3%	24.0%	17.0%	23.5%	13.4%	17.5%	15.2%	2.8%
Tulare Lake	29.4%	32.2%	28.0%	25.9%	22.1%	28.3%	21.7%	15.8%	17.2%	27.0%	30.1%	31.1%	24.2%	22.7%	18.6%	18.9%	15.5%	18.3%	19.1%
Statewide	27.5%	31.3%	27.0%	26.2%	22.2%	20.2%	18.2%	17.2%	11.9%	24.4%	26.1%	28.1%	21.7%	20.1%	17.5%	18.2%	19.6%	18.9%	20.6%



Water production by hydrologic region (in billions of gallons) for December 2016* (blue bars) compared to December 2015 (orange bars).

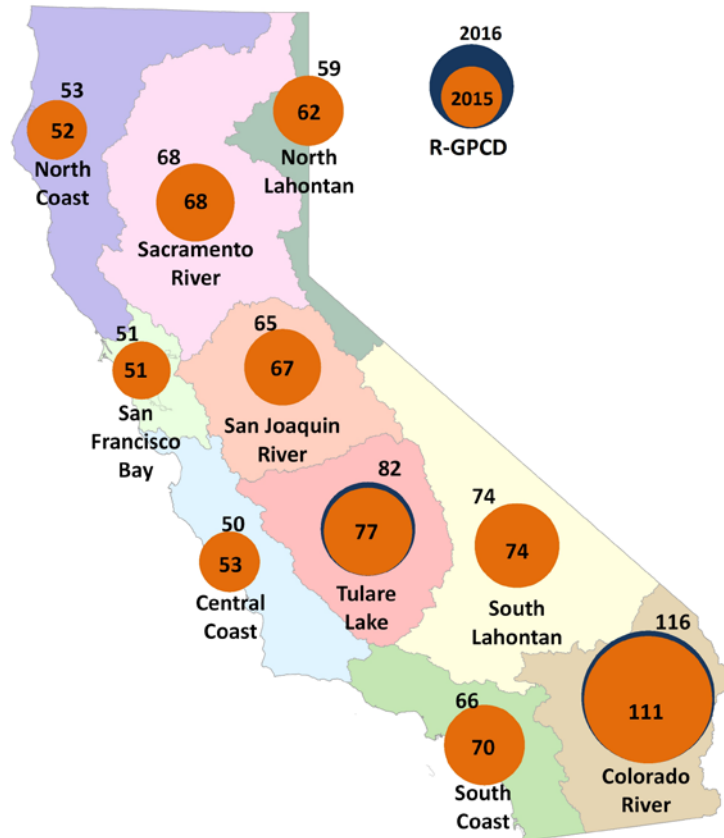
*Preliminary water production for December 2016, as 16 suppliers have not reported by January 19, 2017 when data were downloaded for analysis.

December 2016 savings by hydrologic region ranged from 2.8 percent to 29.1 percent. In December 2016, four hydrologic regions reported higher percentage of water saved than in November 2016. Three hydrologic regions reported greater monthly savings in December 2016 than December 2015.



R-GPCD by Hydrologic Region June 2015 to December 2016

Hydrologic Region	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16
Central Coast	75.9	76.2	76.4	76.2	70.5	59.5	53.3	49.1	53.2	52.2	62.9	70.7	80.4	82.6	80.2	79.3	70.0	59.1	50.4
Colorado River	169.9	153.8	171.8	161.9	132.0	138.4	111.3	93.0	105.5	110.2	127.2	141.5	169.9	179.5	195.8	181.6	161.3	150.1	115.9
North Coast	78.7	73.5	75.7	73.3	70.7	53.4	52.5	50.1	52.4	52.0	55.3	62.4	85.8	82.8	81.6	82.3	68.8	51.6	52.5
North Lahontan	115.2	113.5	117.7	113.4	81.4	56.2	61.6	57.9	54.7	54.0	57.7	78.5	133.8	142.8	127.6	128.1	77.1	54.5	59.2
Sacramento River	137.1	152.8	147.3	141.7	117.9	80.5	68.5	68.1	66.4	68.5	92.3	121.0	163.3	186.8	179.9	162.0	108.8	75.9	68.3
San Francisco Bay	70.0	72.0	72.3	72.2	67.4	55.1	51.0	49.5	51.1	50.9	57.4	65.9	79.3	81.3	82.0	79.8	65.1	54.7	50.6
San Joaquin River	127.2	130.7	131.5	123.4	102.5	76.8	66.7	61.6	67.0	67.1	84.3	107.5	138.1	150.0	149.5	130.8	103.2	75.7	65.3
South Coast	91.4	88.6	94.8	89.3	83.6	78.5	70.4	62.3	71.6	68.1	76.9	81.6	94.4	101.4	103.3	96.3	87.3	79.1	66.3
South Lahontan	133.3	131.3	148.3	129.7	107.1	90.6	73.9	67.5	68.9	77.6	97.8	115.1	145.0	159.7	147.4	147.4	109.0	93.7	73.9
Tulare Lake	154.9	162.5	164.0	150.2	124.4	88.8	76.8	69.7	70.6	79.3	99.3	128.2	167.0	190.4	187.6	176.0	143.5	112.3	82.1
Statewide	98.1	98.1	102.2	96.9	87.2	75.6	67.2	61.0	67.1	66.0	77.0	86.9	105.0	113.4	113.8	106.4	89.9	76.8	64.9



Residential Gallons per Capita per day (R-GPCD) for December 2016 (blue circles) compared to December 2015 (orange circles).

As stated above, the table provides the average monthly R-GPCD for June 2015 through December 2016, by hydrologic region. The average statewide R-GPCD for December 2016 was 64.9. Average hydrologic region R-GPCDs for December 2016 range from 50 to 116, with seven hydrologic regions reporting lower R-GPCDs in December 2016 than they did in December 2015. All ten hydrologic regions had the average R-GPCD in December 2016 lower than in December 2013.

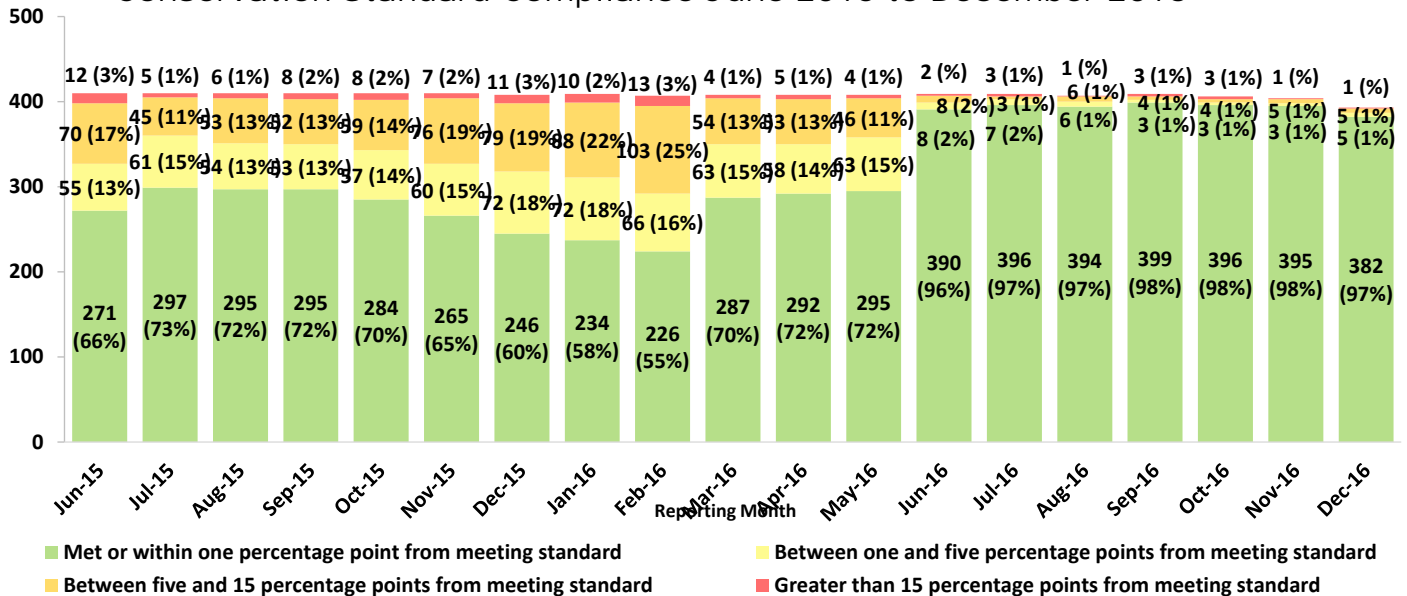


Compliance

The stress-test based regulation that went into effect in June 2016 resulted in many suppliers having a zero percent conservation mandate, and nearly all of those suppliers are in compliance by having water production levels at or below 2013 levels (the baseline year for the regulation). Information about the Board's compliance actions is located [here](#)

With 393 water supplier reports submitted for December, 382 suppliers (97 percent) met or were within one percentage point of their conservation standard; five suppliers (1 percent) were between one and five percentage points of meeting their conservation standard; five suppliers (1 percent) were between five and 15 percentage points of meeting their conservation standard, and one supplier was more than 15 percentage points from their conservation standard.

Conservation Standard Compliance June 2015 to December 2016*



* Includes suppliers under alternative compliance orders. Alternate compliance orders do not substitute for individual conservation standards, however, suppliers meeting the terms of their alternate compliance orders are not priorities for enforcement.

Caring for Trees While Conserving Water

Saving trees is important for cooling city streets and public safety, and watering them is essential and requires some care. That is why the [Save Our Water campaign](#) has partnered with California ReLeaf to provide residents with tips on how to maintain trees while reducing outdoor water use. Information is available at: www.saveourwater.com/trees.

Rebate Programs for Turf Removal and Toilet Replacement

Inefficient toilets and turf grass use large volumes of water, and present opportunities for significant water savings. Rebates are now available at: <http://saveourwaterrebates.com/>.



Background

In his April 1, 2015 [Executive Order](#), in light of three unusually dry years, including the worst snowpack in 500 years, Gov. Edmund G. Brown Jr. mandated a 25 percent water use reduction by users of urban water supplies across California. In May 2015, the State Water Board adopted an emergency regulation requiring a 25 percent reduction in overall potable urban water use statewide from June 2015 through February 2016 compared with 2013. The board implemented tiered conservation requirements, ranging from 8 percent to 32 percent, so that areas that had reduced their per capita water use over the years had lower targets than those areas using more water per person.

On Feb. 2, 2016, based on Gov. Brown's [November 2015 Executive Order](#), the State Water Board approved an updated and extended regulation. The extended regulation responded to calls for continuing the conservation structure that had spurred such dramatic savings while providing greater consideration of some factors that influence water use: climate, population growth and significant investments in new local, drought-resilient water supplies such as wastewater reuse and desalination.

On May 9, 2016, Governor Edmund G. Brown Jr. issued [Executive Order B-37-16](#), requiring the Board to adjust its emergency water conservation regulation through the end of January 2017 in recognition of improved urban water supply conditions across the state and, separately, take action to make some of the requirements of the regulation permanent. The Board [adopted the revised regulation](#) on May 18. June was the first month under the revised regulation.

Since June 2014, the State Water Board has been tracking water conservation for each of the state's larger urban water suppliers (those with more than 3,000 connections) on a monthly basis. Compliance with individual water supplier conservation requirements is based on cumulative savings. Cumulative tracking means that conservation savings will be added together from one month to the next and compared to the amount of water used during the same months in 2013.

California has been dealing with the effects of an unprecedented drought. To learn about all the actions the state has taken to manage our water system and cope with the impacts of the drought, visit [Drought.CA.Gov](#). Every Californian should take steps to conserve water. Find out how at [SaveOurWater.com](#). While saving water, it is important to properly water trees. Find out how at [www.saveourwater.com/trees](#). In addition to many effective local programs, state-funded turf removal and toilet replacement rebates are also available. Information and rebate applications can be found at: [www.saveourwaterrebates.com/](#).

(This fact sheet was last updated Feb.8, 2016)



Staff Report/Memorandum

To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: Large Landscape Audits CII – MWD Funding

<input checked="" type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input checked="" type="checkbox"/> Funds Budgeted
<input type="checkbox"/> Information Only	<input checked="" type="checkbox"/> Cost Estimate:	\$1,500 (TVMWD funds)

Discussion:

Metropolitan Water District (MWD) provides their member agencies with funding to design programs to meet conservation needs within their own service areas. These funds are called the Member Agency Allocation Funds (MAA). This year, Three Valleys received \$187,000 to be used by our member agencies on conservation programs. These funds must be wholly spent and invoiced no later than June 5, 2017.

Throughout the years, these funds have been spent primarily on device distribution programs and turf removal.

Upon polling the member agencies, some chose to do more rain barrel distributions, smart controller distributions, premium high efficiency toilet distributions, but that did not expend all the funds. After some planning and discussion, it was decided that many of the member agencies would like to target their commercial, industrial, institutional (CII) customers that have large landscapes and provide landscape audits to these customers. These audits are time consuming but often provide the property manager(s) with valuable, water saving information. MWD reimburses for CII large landscape audits at \$200 per acre.

After talking to other agencies, including MWD and reviewing some bids they have received for these types of services, staff worked with EcoTech Services to provide a report that would meet the MWD program requirements and fit within the budgeted amount for these landscapes. The Scope of Work is attached here.

EcoTech Services will be providing this service to CII customers identified by our member agencies, with irrigatable landscapes greater than 4.5 acres – thus making the audit reimbursable by MWD funds. Their cost will be \$900 per audit, with a potential cost of \$10 per station over 32 stations. This small cost will be shared by the member agencies and Three Valleys when necessary, not to exceed \$320 per site (total of 64 stations). Randomizing the stations reviewed is acceptable and a common practice. If a site has more than 64 stations, the review will be randomized and reviewed accordingly.

Item 8.A.2

As you can see by the table below, EcoTech Services has provided a low price to Three Valleys. Staff has worked with EcoTech Services for many years, on many similar types of programs and has no hesitation in recommending approval of this specialized contract.

Contractor	Cost per Audit
WaterWise Consulting (1.5 to 5.0 acres)	\$1,500
Blue WatchDog (1.5 acres)	\$1,000
EcoTech Services (cost PER AUDIT)	\$900

Strategic Plan Objective(s):

1.6 – Utilize water use efficiency programs to lower demand and stretch supplies

**AGREEMENT FOR PROFESSIONAL SERVICES
BETWEEN
THREE VALLEYS MUNICIPAL WATER DISTRICT
AND
ECOTECH SERVICES, INC.**

This Agreement is made and entered into as of [DATE]_____, 2017 by and between THREE VALLEYS MUNICIPAL WATER DISTRICT (hereinafter referred to as “Three Valleys”) and ECOTECH SERVICES, INC. (hereinafter referred to as “Consultant”).

WITNESSETH:

WHEREAS, THREE VALLEYS is in need of professional services to provide landscape surveys to commercial, industrial, institutional (CII) large landscapes to assist the local retail water providers with water conservation and educational goals; and

WHEREAS, Consultant is duly licensed, qualified, and willing to provide such professional services to THREE VALLEYS; and

WHEREAS, this Agreement establishes the terms and conditions under which the Consultant is retained to provide the services described herein.

AGREEMENT:

NOW, THEREFORE, in consideration of the faithful performance of the terms and conditions set forth herein, the parties hereto agree as follows:

1. SERVICES

Consultant shall provide professional services as described in the Scope of Work attached hereto as part of Exhibit A, incorporated by reference. Such work expressly includes all related services ordinarily provided by Consultant under same or similar circumstances and/or are necessary to satisfy Section 6 of this Agreement.

2. AUTHORIZATION

Authorization for Consultant to proceed with all or a portion of the work described in Exhibit A will be granted in writing by THREE VALLEYS pursuant to a Notice to Proceed which shall be issued as soon as both parties hereto sign this Agreement and all applicable insurance documents required by Section 14 hereof have been received and approved by THREE VALLEYS. Consultant shall not proceed with the work until so authorized and shall commence work immediately upon receipt of the Notice to Proceed.

3. PAYMENT

THREE VALLEYS shall pay for services on a per-unit basis after review of invoices and event reports. Consultant shall submit timely statements for services rendered. If the invoices submitted are determined by THREE VALLEYS to be sufficient, THREE VALLEYS shall pay said statements within thirty (30) days of receipt. Invoices shall be subject to review for compliance by THREE VALLEYS with the requirements of this Agreement, and shall be subject to audits and offsets at any time. No other compensation will be paid by THREE VALLEYS except for service performed in accordance with an amendment to this Agreement as provided for in Section 12 herein.

Upon termination of this Agreement, or any time thereafter, THREE VALLEYS may invoice Consultant for any costs incurred, losses sustained, and/or payment tendered by THREE VALLEYS in reliance upon an invoice submitted by Consultant which is subsequently determined to inaccurately reflect the number or sufficiency of the audits completed by Consultant in connection with the Project. Consultant shall pay THREE VALLEYS the total sum of said invoice within thirty (30) days of the date thereof. If payment is received after the due date, but within the first thirty (30) days thereafter, a penalty will be assessed of one-half percent (½%) of the total invoice amount. If payment is received more than thirty (30) days after the due date, a penalty of one-half percent (½%) of the total invoice amount will be assessed each thirty (30) days thereafter.

The total service cost amount shall not exceed \$94,000 under this Agreement. Consultant shall invoice THREE VALLEYS based on the approved Fee Schedule attached hereto as Exhibit B, incorporated by reference.

4. TIME OF PERFORMANCE

Consultant shall perform services in a prompt and timely manner in accordance with a Project Schedule as determined by THREE VALLEYS. Time is of the essence in this Agreement. In the event that the schedule is not adhered to due to factors beyond Consultant's reasonable control, such as strikes, accidents, acts of God, or failure of THREE VALLEYS to furnish Consultant with reasonably-available information necessary to complete the Project or approve or disapprove Consultant's work in a timely manner, Consultant shall have an additional equivalent period of time in which to complete the performance of its services hereunder. The term of this Agreement is from January 17, 2017 to June 5, 2017.

5. DUTIES OF THE THREE VALLEYS

THREE VALLEYS, without cost to Consultant, will provide all reasonably-available pertinent information necessary for Consultant to perform its obligations under this Agreement. THREE VALLEYS does not guarantee or ensure the accuracy of any reports, information, and/or data so provided. To the extent that any reports, information, and/or other data so provided was supplied to THREE VALLEYS by persons who are not employees of THREE VALLEYS, any liability resulting from inaccuracies and/or omissions contained in said information shall be limited to liability on behalf of the party who prepared the information for THREE VALLEYS.

Likewise, liability shall be limited to any third party, which is a non-employee of THREE VALLEYS, which supplies reports, information and other data to Consultant, in which Consultant relies on information as accurate and correct to complete reports, and said information results to be inaccurate and/or contains omissions.

THREE VALLEYS's approval of Consultant's designs, specifications, reports, and incidental work or materials furnished hereunder shall not in any way relieve Consultant of responsibility for the technical adequacy of its original work. Neither THREE VALLEYS's review, approval or acceptance of, nor payment for, any of the services shall be construed as a waiver of any rights under this Agreement or of any defense or cause of action which it may have arising out of the performance of this Agreement.

6. STANDARD OF CARE

Consultant's services under this Agreement will be performed in accordance with generally accepted professional practices and principles and in a manner consistent with the level of care and skill ordinarily exercised by members of the same profession currently practicing under similar conditions. The Consultant shall observe and cause all work and deliverables to conform to all applicable federal, state, and local laws and regulations. Consultant shall, at no cost to THREE VALLEYS, prepare any necessary rework occasioned by, or substantially due to, the acts or omissions of Consultant or any subconsultant or subcontractor.

7. ORGANIZATION

Consultant designates Marcos Quezada, at phone: 626-335-1500, fax: 626-628-3312, as Project Manager to provide supervision and have overall responsibility for Consultant's performance under this Agreement. The Project Manager shall not be removed from the Project or reassigned without prior approval of THREE VALLEYS.

8. DELIVERABLES

All original drawings, specifications, reports, calculations and other documents developed for the Project shall, upon payment in full for the services described in this Agreement, be furnished to and become the property of THREE VALLEYS. Consultant agrees that the THREE VALLEYS will have access to, and the right to examine, any pertinent documents, papers, and records in the Consultant's possession for any transaction relating to this Agreement. Consultant shall have the right to make a copy of deliverables for its records.

To the extent that Consultant utilizes any of its property (including, without limitation, any hardware or software of Consultant or any proprietary, intellectual property or confidential information of Consultant or any trade secrets of Consultant) in performing services hereunder, such property shall remain the property of Consultant, and THREE VALLEYS shall acquire no right or interest in such property.

9. STATUS OF THE CONSULTANT

Consultant shall perform the services provided for herein as an independent contractor, and not as an employee of THREE VALLEYS. THREE VALLEYS shall have ultimate control over the work performed for the Project. Consultant is not to be considered an agent or employee of THREE VALLEYS for any purpose, and is not entitled to participate in any pension plan, bonus, stock, or similar benefits that THREE VALLEYS provides for its employees.

Payments made to Consultant pursuant to this Agreement shall be the full compensation to which Consultant is entitled. THREE VALLEYS shall not make any federal or state tax withholdings nor pay any workers' compensation insurance on behalf of Consultant.

Consultant is aware of the requirements of the Immigration Reform and Control Act of 1986 and shall comply with those requirements, including verifying the eligibility for employment of all agents, employees and subconsultants included in this Agreement.

10. ASSIGNMENT AND SUBCONTRACTING

Consultant shall not assign, sublet, subcontract, or transfer this Agreement, or any rights under or interest in this Agreement, or otherwise hire, retain, or employ any independent professional associates or subconsultants to assist in this performance of services hereunder, without the written consent of THREE VALLEYS.

If Consultant subcontracts any of the work to be performed, Consultant shall be as fully responsible to THREE VALLEYS for the performance of the work, including errors and omissions of Consultant's subconsultants and of the persons employed by the subconsultant, as Consultant is for the acts and omissions of persons directly employed by the Consultant. Nothing contained in this Agreement shall create any contractual relationship between any subconsultant of Consultant and THREE VALLEYS. Consultant shall bind every subconsultant and every subconsultant of a subconsultant by the terms of this Agreement applicable to Consultant's work unless specifically noted to the contrary in the subcontract in question approved in writing by THREE VALLEYS.

11. SUCCESSORS OR ASSIGNS

Subject to the provisions of Section 15 of this Agreement, all terms, conditions and provisions hereof shall inure to and shall bind each of the parties hereto, and each of their respective heirs, executors, administrators, successors and assigns.

12. CHANGES IN WORK

If changes in the work seem merited by Consultant or THREE VALLEYS, and informal consultations indicate that a change is warranted, it shall be processed in the following manner: A letter outlining and justifying the changes shall be forwarded to THREE VALLEYS by Consultant with a statement of estimated changes in fee and schedule. If the change is approved by THREE VALLEYS, an Amendment to this Agreement shall be prepared by THREE VALLEYS and executed by both parties prior to the performance of such services, or THREE VALLEYS will not be required to pay for such changes. Such Amendment shall not render ineffective or invalidate any unaffected portions of the Agreement.

13. TERMINATION OR ABANDONMENT

Either party may terminate or abandon any portion of the work by giving forty-five (45) calendar days written notice thereof to other party.

In the event of termination or abandonment of any portion of the Project, THREE VALLEYS shall be given title immediately to all original drawings and other documents developed for that portion of the work. THREE VALLEYS shall pay Consultant for services

performed in accordance with this Agreement for any portion of the work being terminated which were rendered prior to termination. If termination occurs prior to completion of any task for which payment has not been made, the fee for services performed during such task shall be based on an amount mutually agreed to by THREE VALLEYS and Consultant.

14. INSURANCE

Consultant shall procure and maintain during the performance of this Agreement policies of insurance as follows:

Workers' Compensation: Consultant shall maintain Workers' Compensation insurance, as required by law in the State of California, and Employers' Liability Insurance (including disease coverage) in an amount not less than \$1,000,000.00 per occurrence. This insurance shall also waive all right to subrogation against the THREE VALLEYS, its Board of Directors, officers, employees, representatives and agents.

General Liability: Consultant shall maintain general liability insurance including provisions for contractual liability, errors and omissions, independent contractors, and broad form property damage coverages. This insurance shall be on a comprehensive, occurrence basis form with a standard cross liability clause and endorsement (ISO CG 2010 or equivalent). THREE VALLEYS shall be named as an additional insured, and the limit for this insurance shall not be less than \$1,000,000.00 per occurrence, combined single limit for bodily injury and property damage.

Automobile Liability: Consultant shall maintain automobile liability insurance with coverage for any vehicle including those owned, leased, rented or borrowed. This insurance shall have an endorsement naming the THREE VALLEYS as an additional insured and with a standard cross liability clause and endorsement (ISO CG 2010 or equivalent). The limit amount for this insurance shall be not less than \$1,000,000.00 per occurrence, combined single limit for bodily injury and property damage.

In addition to the requirements contained in this Agreement, Consultant shall procure and maintain during the performance of this Agreement such policies of insurance, bonds from an acceptable surety, cash deposits, and other forms of security, in amounts and upon terms deemed sufficient by THREE VALLEYS in its sole discretion to protect THREE VALLEYS from any and all exposure to loss or liability.

The premiums for said insurance coverage shall be paid by Consultant. Insurers shall have at least an "A, VII", policyholder's rating in accordance with the current Best's Key Rating Guide or equivalent. In addition, any and all insurers must be authorized to conduct business in the State of California, as evidenced by a listing in the official publication of the Department of Insurance of the State of California.

Certificates of insurance and endorsements, acceptable to THREE VALLEYS and verifying the insurance coverage required by this Agreement, shall be filed with THREE VALLEYS within ten (10) calendar days of execution of this Agreement and prior to issuance of a Notice to Proceed. THREE VALLEYS reserves the right to require complete and accurate copies of all insurance policies required under this Agreement. The general liability and property damage insurance, as well as automobile liability insurance, shall name THREE VALLEYS as certificate holder. Each insurance policy shall contain a clause which proves that the policy may not be canceled or changed without first giving thirty (30) days advance written notice to the THREE VALLEYS.

15. INDEMNITY – HOLD HARMLESS

Consultant agrees to defend, indemnify, protect, and hold THREE VALLEYS, its agents, officers, directors, and employees harmless from and against any and all liability established or asserted for damages and/or injuries to any person or property, including injury to the Consultant's or its subconsultant's employees, agents, or officers, which arise from or are connected with the Project or are caused by the acts or omissions of the Consultant and its subconsultants and their agents, officers, or employees in performing the services herein, and/or have been suffered or incurred on account of any discrepancy in the verification of the number or sufficiency of services provided pursuant to this Agreement, any defect in any of the product installed pursuant to this Agreement, and/or breach of the covenants contained herein by Consultant or its employees, agents, or subconsultants, and all expenses of investigating and defending against same; provided, however, that the Consultant's duty to indemnify and hold harmless shall not include any liability arising from the negligence or willful misconduct of THREE VALLEYS, its agents, officers, or employees.

Where approval by THREE VALLEYS is indicated, it is understood to be conceptual approval only and does not relieve the Consultant of responsibility for complying with all laws, codes, industry standards and liability for damages caused by negligent acts, errors, omissions, noncompliance with industry standards or the willful misconduct of the Consultant or its subconsultants. Consultant agrees to defend, indemnify, and hold harmless THREE VALLEYS, its officers, agents, and employees from and against any and all claims, costs, suits, and damages, including attorney's fees, arising from the willful misconduct or negligent acts, errors, or omissions of the Consultant and its subconsultants, provided however, that the Consultant's duty to indemnify and hold harmless shall not include any liability arising from the negligence or willful misconduct of THREE VALLEYS, its agents, officers, or employees.

16. LAWS AND VENUE

This Agreement shall not be construed against the party preparing it, but shall be construed as if both parties jointly prepared this Agreement and any uncertainty or ambiguity contained herein shall not be interpreted against any one party. This Agreement shall be enforced and governed by and under the laws of the State of California. If any action is brought to interpret or enforce any term of this Agreement, the action shall be brought in a state or federal court situated in the County of Los Angeles, State of California.

17. ATTORNEYS FEES

The prevailing party in any arbitration, mediation, litigation, court action, or other proceeding involving a dispute or controversy arising out of, under, in connection with, or in relation to this Agreement, and any amendments thereto, of the breach thereof, the losing party shall pay all attorneys fees and costs actually incurred by THREE VALLEYS in connection therewith. In any such action, arbitration, mediation, litigation, or other proceeding, the entitlement to attorney's fees and costs will be considered an element of costs and not of damages.

18. NONDISCRIMINATION

Consultants doing business with THREE VALLEYS are expected to be equal opportunity employers who attempt to achieve parity in the representation of women and minorities in their work force. The Consultant is to ensure equal employment opportunity for all persons,

regardless of race, color, religion, sex, creed, national origin, ancestry, age, medical condition, physical or mental disability, Vietnam-era veteran or special disabled veteran status, marital status or citizenship, within the limits imposed by law. These principles are to be applied by the Consultant in all employment practices including recruiting, hiring, transfers, promotions, training, compensation, benefits, layoffs and terminations. The Consultant also agrees to comply with Title VII of the Civil Rights Act of 1964, as amended, the California Fair Employment Practices Act, the Americans with Disabilities Act of 1990 and other applicable federal and state laws & regulations.

19. COVENANTS AGAINST CONTINGENT FEES

Consultant agrees that its firm has not employed or retained any person, other than a bona fide employee of Consultant, to solicit or secure this Agreement, and that Consultant has not paid any person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration contingent upon, or resulting from, the award of this Agreement.

20. INTEGRATION AND PARTIAL INVALIDITY

This Agreement represents the entire understanding of THREE VALLEYS and Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect. This Agreement may not be modified or altered except in writing signed by THREE VALLEYS and Consultant.

If any term, covenant, condition, or provision of this Agreement is found by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect, and shall in no way be affected, impaired, or invalidated thereby.

21. EFFECT OF THREE VALLEYS'S WAIVER

Any failure by THREE VALLEYS to enforce any provision of this Agreement, or any waiver thereof by the THREE VALLEYS, shall not constitute a waiver of its right to enforce subsequent violations of the same or any other terms or conditions herein.

22. NOTICE

Any notice required to be given or delivered by this Agreement shall be in writing and delivered personally or mailed to such party by depositing the same in any United States Post Office, registered or certified, postage prepaid, addressed to:

To THREE VALLEYS:

Three Valleys MWD
Attn: Cindy DeChaine
Conservation & Resource Analyst
1021 E. Miramar Ave
Claremont, CA 91711

To Consultant:

EcoTech Services, Inc.
Attn: Marcos Quezada, President
2143 S. Myrtle Ave
Monrovia, CA 91016

23. AUTHORITY

The individuals executing this Agreement represent and warrant that they have the legal capacity and authority to do so on behalf of their respective legal entities.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date written above.

THREE VALLEYS MWD

ECOTECH SERVICES, INC.

By: _____
Richard W. Hansen, General Manager

By: _____
Marcos Quezada, President



Staff Report/Memorandum

To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: Water Education for Latino Leaders

<input checked="" type="checkbox"/> For Action	<input checked="" type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$ 10,000

Requested Action:

The Board will review and consider the attached request received from Water Education for Leaders (WELL), and provide direction of desired action.

Strategic Plan Objective(s):

3.3 – Be accountable and transparent with major decisions



Water Education for Latino Leaders

Board

February 7, 2017

Celeste Cantu
General Manager
Santa Ana Watershed
Project Authority

Susana De Anda
Co-Executive/Co-Founder
Community Water Center

Tony Estremera
Director
Santa Clara Valley Water District

Ron Gastelum
Former General Manager
The Metropolitan Water District

Victor R. Griego, Jr.
Managing Director
WELL

Miguel A. Luna
Principal
DakeLuna Consultants

Adan Ortega
Managing Partner
Water Conservation Partners

Peter Silva
Former Assistant Administrator
Office of Water, U.S. EPA

Nancy Sutley
Assistant Deputy General Manager
Sustainability
Los Angeles Department of Water
& Power

Miriam Torres
Coastal Planner

Richard W. Hansen
General Manager
Three Valleys Municipal Water District
1021 E Miramar Ave.
Claremont, CA 91711-2052

Dear Mr. Hansen:

SUBJECT: WELL Conference 2017

WELL would like to invite the Three Valleys Municipal Water District to join our family of supporters and local elected officials by sponsoring the WELL 5th Annual Conference scheduled in San Diego on March 23-24. The event will take place at Wyndham Hotel Bayside Hotel 1355 N Harbor Dr. San Diego. We hope that you will consider a sponsorship level of \$10,000.

In 2017, WELL expects close to 200 local elected municipal and school board officials, as well as others in San Diego. As in the past, we will educate participants on the basics of history and governance, infrastructure and finance of water in California. WELL is also working with the CORO Foundation to introduce a method of inquiry at the conference that will help officials ask questions about water and get the answers they need to help make decisions.

The conference is a two-day event with special guests including California State Assembly Speaker Anthony Rendon and Assembly Water Wildlife & Parks Committee Chairman Eduardo Garcia. Both members are graduates and partners of WELL conferences and programs.

Supporting the WELL Conference will introduce you to other WELL initiatives that are a benefit to the Three Valleys Municipal Water District through the local elected officials that WELL empowers through greater knowledge about California Water Policy.

For example, During the Summer of 2017 WELL is partnering with the California Water Foundation to help spur an initiative highlighting issues surrounding the Salton Sea that are similar and relevant to water-connected issues throughout California. It will represent a new approach that will elevate funding priorities to water related projects that also account for health, jobs and poverty, through focus on topics such as impacts of evaporation, diverted water supplies, and pollution.

At levels ranging from \$10,000 to \$25,000, the Three Valleys Municipal Water District will receive sponsor benefits of advertising and attendance at the sponsored event(s), as well as invitations to participate on appropriate panels through its staff and experts.

As you can see WELL will be very active next year and could use some help. We would like

Item 8.A.3

the Three Valleys Municipal Water District to support the Annual Conference and eventually become a strategic partner. The partnership can bring many opportunities for collaboration on policy, leadership development and legislative coordination.

WELL currently enjoys strategic alliances with the Water Foundation based in Sacramento and legislative leaders such as Kevin de Leon, Assembly Speaker Anthony Rendon, and the Coachella Valley's own Eduardo Garcia. All have played roles in our past conferences.


There is much happening in 2017 for WELL, and we anticipate a very productive year.

We look forward to future partnerships and discussing the Three Valleys Municipal Water District's and WELL's complementary and parallel goals.

Sincerely yours,



Victor Griego Jr.
WELL Managing Director



Adán Ortega
WELL Managing Director for Water



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: Brian Bowcock, Division 3

MONTH / YEAR

January

2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	4	TVMWD Board Meeting	La Verne	Claremont	10.0	\$ 5.35	\$ 200.00
Regular board meeting, to discuss issues in our region.							
2	9	TALK MEETING	La Verne	Arcadia	32.0	\$ 17.12	\$ 200.00
Lunch Meeting of public officials from the foothills meet to discuss water issues as well as other issues within our region.							
3	11	ICWA MEETING	La Verne	Ontario	35.0	\$ 18.73	\$ 200.00
Regular meeting of water agencies in the region.							
4	13	CTEC COMMITTEE MEETING	La Verne				\$ 200.00
Committee meets to discuss the classes for young men and women interested in the water field. Sponsored by water agencies							
5	18	TVMWD BOD MEETING	La Verne	Claremont	10.0	\$ 5.35	\$ 200.00
Regular board meeting for the region							
6	19	ACTIVE CLAREMONT	La Verne				\$ 200.00
As Treasurer I attend Regular meetings, speaker, LA county Director of Libraries.							
7	20	CITRUS COLLEGE FOUNDATION-MEETING	La Verne	Glendora	20.0	\$ 10.70	\$ 200.00
As a board member, I'm a member of the Finance Committee meetings							
8	23	SIX BASINS WATERMASTER	La Verne	Claremont	10.0	\$ 5.35	\$ 200.00
Regular board meeting for the region. District representative							
9	25	SCWUA MEETING	La Verne				\$ 200.00
Regular monthly meeting. Speaker MWD on water issues for 2017							
10	31	USC BACKFLOW FOUNDATION	La Verne	LA	75.0	\$ 40.13	\$ 200.00
A meeting of the group at USC, to discuss scholarships and endowments.							

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1	4	La Verne Chamber lunch meeting receipt attached	\$ 25.00
2			
3			
4			
5			

I certify the above is correct and accurate to the best of my knowledge

Signature _____

Subtotal Miscellaneous Expense	\$ 25.00
Subtotal Mileage	\$ 102.72
Subtotal Meeting Compensation	\$ 2,000.00
Subtotal All	\$ 2,127.72
Mandatory Deferred Compensation @ 7.5%	(\$ 150.00)
Voluntary Deferred Compensation <i>(negative entry; default @ 0)</i>	(\$ 1,350.00)
TOTAL	\$ 627.72

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: David De Jesus, Division 2

MONTH / YEAR

January

2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	4	Board Workshop	Walnut	Claremont	34.0	\$ 18.19	\$ 200.00
Updates were provided on the JPIA Risk Management Standings, TVMWD manuals, Baseline Road Project and other outstanding projects currently under review or in progress.							
2	11	Meeting with GM and President of the Board	Walnut	Glendora	22.0	\$ 11.77	\$ 200.00
Meeting held to discuss evolving issues at MWDSC and to discuss issues related to potential agenda items.							
3	12	Chino Basin Appropriative Committee Meeting	Walnut	Rancho Cucamonga	42.0	\$ 22.47	\$ 200.00
Annual meeting held with New appointed Chair, Todd Corbin leading the Committee. Storage agreements will be discussed in 2017 as one of the main issues. A notice was provided regarding available (non-Agricultural) Pool Water.							
4	17	Walnut Valley Water District Board Meeting	Walnut	Walnut			\$ 200.00
Attended as the District's representative and availed myself to answer questions							
5	18	Board Meeting	Walnut	Claremont	34.0	\$ 18.19	\$ 200.00
In addition to addressing the items on the posted agenda, which included approving the District's Policy, Personnel and Benefits Manuals, I also reported on MWD activities for the month.							
6	19	Chino Basin Advisory Committee Meeting	Walnut	Rancho Cucamonga	42.0	\$ 22.47	\$ 200.00
Newly appointed members were introduced with Brian Geye as Chair, and Jeff Pierson as Vice Chair. Darron Poulsen will serve as 2nd Vice Chair to the Committee. CFO reported that there might be as much as \$16.7M in grant money available for various projects in the coming year. Storm Water Capture was at 5,638 AF due to the recent rain.							
7	23	San Gabriel Valley Association Directors Meeting	Walnut	Azusa			\$ 200.00
Attended the Board Meeting and reported on activities from both TVMWD and MWDSC to the group. A contract with Adan Ortega was also approved to continue the PR work that will be necessary to stay on message regarding the changing drought conditions and to prepare for the potential of recycled water to be introduced into the groundwater.							
8	25	Meeting with the newly elected Pomona Mayor	Walnut	Glendora	26.0	\$ 13.91	\$ 200.00
Attended the meeting with the Board President, Bob Kuhn, and Pomona Representative, Carlos Goytia and newly elected Pomona Mayor, Tim Sandoval. General items discussed was the collaborative efforts both agencies can engage in to further common interests.							
9	26	Chino Basin Watermaster Board Meeting	Walnut	Rancho Cucamonga	42.0	\$ 22.47	\$ 200.00
Attended the meeting as the District's alternate to the board. District Representative, Bob Kuhn to report in greater detail.							
10	28	Legislative Briefing from Assemblywoman Blanco Rubio	Walnut	Azusa	20.0	\$ 10.70	\$ 200.00
Attended the event which included a local ceremonial remake of the swearing-in process. Assemblywoman Rubio also spoke on the issues facing the State and her commitment to helping resolve them.							

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1			
2			
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I certify the above is correct and accurate to the best of my knowledge

Signature _____

Subtotal Miscellaneous Expense	\$ 0.00
Subtotal Mileage	\$ 140.17
Subtotal Meeting Compensation	\$ 2,000.00
Subtotal All	\$ 2,140.17
Mandatory Deferred Compensation @ 7.5%	(\$ 150.00)
Voluntary Deferred Compensation <i>(negative entry: default @ 0)</i>	(\$ 943.33)
TOTAL	\$ 1,046.84

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: David De Jesus, MWD

MONTH / YEAR

January

2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	3	San Gabriel Valley Directors Caucus Meeting					\$ 200.00
Meeting with area directors to discuss issues of common interest. And to discuss agenda related items currently in the works or in progress. The Carson Recycling Project and the rain/drought led the topics of the day.							
2	5	Conference with COO Debra Man					\$ 200.00
Debra provided me with an update on the Carson Project and the increasing levels in Reservoirs throughout the state							
3	6	Northern Caucus Meeting					\$ 200.00
Conducted Meeting in the absence of Director Morris. Discussions included budget, water quality an supply, and legislative both state and federal.							
4	9	Committee Meeting					\$ 200.00
Attended various committee meeting as assigned (oral report provided)							
5	10	Board Meeting					\$ 200.00
Attended the board meeting and took action on recommended items for the month. (oral report provided)							
6	13	Conference with Michael Yu regarding PVID following agreement concerns					\$ 200.00
Discussed issues raised by PVID farmers during the Colorado River Conference regarding "Overlapping Calls" and the issues raised when managing crops and following the land per the agreement signed with MWD.							
7	24	MWD Executive Committee Meeting					\$ 200.00
As the newly appointed Vice Chair attended the executive Committee as assigned to review and discuss next months agenda and to address such issues as might come before the committee.							
8	27	Southern California Water Committee Meeting					\$ 200.00
Attended the luncheon and heard a presentation from Wade Crowford CEO of The Water Foundation.							
9	30	Conference with Security Manager Derek Jones					\$ 200.00
As promised met with Mr. Jones to review progress on changes both made and in progress relative to changes made to security protocols at HQ. Other items of confidential nature were discuss to bring certain issues to the forefront regarding safety and security.							
10	31	Conference with Water operations Manager Jim Green					\$ 200.00
Conference with Ops manager Green to discuss water supply delivery potentials in respect to the increased flows now available to MWD. Additional information was obtained regarding potential operations should the rains continue into February and March.							

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1			
2			
3			
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5			

Subtotal Miscellaneous Expense	\$ 0.00
Subtotal Mileage	\$ 0.00
Subtotal Meeting Compensation	\$ 2,000.00
Subtotal All	\$ 2,000.00
Mandatory Deferred Compensation @ 7.5%	(\$ 150.00)
Voluntary Deferred Compensation <i>(negative entry; default @ 0)</i>	(\$ 943.33)
TOTAL	\$ 906.67

I certify the above is correct and accurate to the best of my knowledge

Signature

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: Carlos Goytia, Division 1

MONTH / YEAR

2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	4	TVMWD BM/Workshop	Pomona	Claremont	32.0	\$ 17.12	\$ 200.00
Attended and participated in the board deliberations							
2	7	Senator C.Leyva	Pomona	Chino	15.0	\$ 8.03	\$ 200.00
Met with Senator Leyva and staff/discussed regional issues and water related issues,also student programming							
3	9	City of Pomona CM	Pomona	Pomona	8.0	\$ 4.28	\$ 200.00
Met with newly elected Mayor Sandoval and Councilman R.Gonzalez to discuss potential projects in Pomona							
4	12	SGVRC HR Seminar	Pomona	Walnut	16.0	\$ 8.56	\$ 200.00
HR Related topics and discussions related to new legislation							
5	13	WELL Meeting	Pomona	Pomona	8.0	\$ 4.28	\$ 200.00
Met w/Victor Griego Board President to discuss Stormwater related issues in the region							
6	18	TVMWD BM	Pomona	Claremont	32.0	\$ 17.12	\$ 200.00
Attended and participated in board deliberations							
7	19	CSDA Workshop	Pomona	Claremont	32.0	\$ 17.12	\$ 200.00
Attended a best boardmember practices workshop seminar							
8	20	Assemblymember F.Rodriguez	Pomona	Chino	15.0	\$ 8.03	\$ 200.00
Met with assemblymember Freddie Rodriguez to discuss regional and local issues.							
9	25	Meeting with Pomona Mayor Tim Sandoval	Pomona	Glendora	18.0	\$ 9.63	\$ 200.00
Meeting w/Director Kuhn and Mayor Sandoval to discuss local and regional water issues							
10	28	Assemblymember B.Rubio	Pomona	Azusa	24.0	\$ 12.84	\$ 200.00
Met with the Assemblymember and her New Staff along with other regional leaders from the SGV							

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1			
2			
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I certify the above is correct and accurate to the best of my knowledge

Signature _____

Subtotal Miscellaneous Expense	\$ 0.00
Subtotal Mileage	\$ 107.00
Subtotal Meeting Compensation	\$ 2,000.00
Subtotal All	\$ 2,107.00
Mandatory Deferred Compensation @ 7.5%	(\$ 150.00)
Voluntary Deferred Compensation <i>(negative entry; default @ 0)</i>	\$ 0.00
TOTAL	\$ 1,957.00

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: Dan Horan, Division 7

MONTH / YEAR

January

2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	4	TVMWD Board Meeting	West Covina	Claremont	40.0	\$ 21.40	\$ 200.00
Participated in proceedings.							
2	10	Rowland Water District Board Meeting	West Covina	Rowland Heights	10.0	\$ 5.35	\$ 200.00
Observer at Member Agency board meeting.							
3	12	SGV Regional Chamber HR Seminar	West Covina	Walnut	6.0	\$ 3.21	\$ 200.00
HR related topics and discussion.							
4	27	SCWC Quarterly Luncheon	West Covina	Chino	34.0	\$ 18.19	\$ 200.00
Presentation by Wade Crowfoot, CEO The Water Foundation							
5			West Covina				
6			West Covina				
7			West Covina				
8			West Covina				
9			West Covina				
10			West Covina				

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1			
2			
3			
4			
5			

I certify the above is correct and accurate to the best of my knowledge

Signature _____

Subtotal Miscellaneous Expense	\$ 0.00
Subtotal Mileage	\$ 48.15
Subtotal Meeting Compensation	\$ 800.00
Subtotal All	\$ 848.15
Mandatory Deferred Compensation @ 7.5%	(\$ 60.00)
Voluntary Deferred Compensation <i>(negative entry; default @ 0)</i>	\$ 0.00
TOTAL	\$ 788.15

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: Bob Kuhn, Division 4

MONTH / YEAR

January

2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	4	TVMWD Workshop	Glendora	Claremont	18.0	\$ 9.63	\$ 200.00
Issues concerning TVMWD							
2	9	City Talk Group	Glendora	Arcadia	26.0	\$ 13.91	\$ 200.00
Group of City Council Members get together once a month to talk about issues important in their Cities and the San Gabriel Valley							
3	11	Meeting with General Manager	Glendora	Glendora	4.0	\$ 2.14	\$ 200.00
Meeting with General Manager to go over issues regarding the upcoming agendas.							
4	18	TVMWD Board Meeting	Glendora	Claremont	18.0	\$ 9.63	\$ 200.00
Business of the District. Review of existing and upcoming projects							
5	25	Mayor of Pomona and two TVMWD Directors	Glendora	Glendora	0.0	\$ 0.00	\$ 200.00
Meeting to meet the Mayor and get to know what his issues in the upcoming year will be.							
6	30	Maria Kennedy	Glendora	Glendora	0.0	\$ 0.00	\$ 200.00
Talk about issues she believes she can help with involving City of Pomona							
7			Glendora				
8			Glendora				
9			Glendora				
10			Glendora				

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1	30	Maria Kennedy	\$ 28.85
2			
3			
4			
5			

I certify the above is correct and accurate to the best of my knowledge

Signature _____

Subtotal Miscellaneous Expense	\$ 28.85
Subtotal Mileage	\$ 35.31
Subtotal Meeting Compensation	\$ 1,200.00
Subtotal All	\$ 1,264.16
Mandatory Deferred Compensation @ 7.5%	(\$ 90.00)
Voluntary Deferred Compensation <i>(negative entry; default @ 0)</i>	(\$ 1,110.00)
TOTAL	\$ 64.16

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: John Mendoza, Division 6

MONTH / YEAR

January 2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	4	TVMWD Board Meeting	Pomona	Claremont	16.0	\$ 8.56	\$ 200.00
Meeting of TVMWD Board of directors. Discuss District business							
2	9	SGV Regional Chamber of Government Affairs	Pomona	Walnut	22.0	\$ 11.77	\$ 200.00
Meeting of SGV government and local businesses to discuss regional issues impacting agencies.							
3	12	SGV Regional Chamber HR seminar	Pomona	Walnut	22.0	\$ 11.77	\$ 200.00
Meeting of local government and business sector to discuss laws and issues affecting the region.							
4	18	TVMWD Board of Directors meeting.	Pomona	Claremont	16.0	\$ 8.56	\$ 200.00
Meeting of TVMWD Board of Directors and staff to make decisions on issues affecting the District.							
5	19	CSDA Board Member Best Practices	Pomona	Claremont	16.0	\$ 8.56	\$ 200.00
Education workshop to bring Board members up to speed on how to conduct themselves in Special Districts meetings.							
6	25	Six Basins Watermaster	Pomona	Claremont	16.0	\$ 8.56	\$ 200.00
Meeting of stakeholders in the Six Basins to discuss issues related to water supply and future projects.							
7	26	SCWUA luncheon	Pomona	Pomona			\$ 200.00
Luncheon and education forum on issues related to present day and future water issues.							
8	27	SCWC Quarterly Luncheon	Pomona	Chino	22.0	\$ 11.77	\$ 200.00
A luncheon meeting of various water agencies and government officials to get informed via satellite about issues related to water.							
9			Pomona				
10			Pomona				

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1			
2			
3			
4			
5			

I certify the above is correct and accurate to the best of my knowledge

Signature _____

Subtotal Miscellaneous Expense	\$ 0.00
Subtotal Mileage	\$ 69.55
Subtotal Meeting Compensation	\$ 1,600.00
Subtotal All	\$ 1,669.55
Mandatory Deferred Compensation @ 7.5%	(\$ 120.00)
Voluntary Deferred Compensation <i>(negative entry; default @ 0)</i>	\$ 0.00
TOTAL	\$ 1,549.55

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



DIRECTOR EXPENSE SHEET

Submit Form

Item 8.A.4

NAME: Joe Ruzicka, Division 5

MONTH / YEAR

January

2017

No	Day	Title of Meeting / Description	Mileage (assumed as round trip unless noted)				Meeting Compensation
			From City	To City	Miles	Miles \$	
1	4	TVMWD - Board Meeting	Diamond Bar	Claremont	20.0	\$ 10.70	\$ 200.00
Attended and participated in the deliberations.							
2	9	SGV Regional Chamber - GAC Meeting	Diamond Bar	Walnut	10.0	\$ 5.35	\$ 200.00
Attended and met with business and political leaders and discussed current issues being considered in Sacramento and Washington, DC.							
3	10	RWD - Board Meeting	Diamond Bar	Rowland Heights	14.0	\$ 7.49	\$ 200.00
Attended and apprised myself of the issues of concern to a member agency.							
4	11	LAFCO - Commission Meeting	Diamond Bar	Los Angeles	60.0	\$ 32.10	\$ 200.00
Attended and participated in the deliberations.							
5	17	WVWD - Board Meeting	Diamond Bar	Walnut	10.0	\$ 5.35	\$ 200.00
Attended and apprised myself of the issues of concern to a member agency							
6	18	TVMWD - Board Meeting	Diamond Bar	Claremont	40.0	\$ 21.40	\$ 200.00
Attended and participated in the deliberations.							
7	19	SGV COG - Board Meeting	Diamond Bar	Monrovia			\$ 200.00
Attended and apprised myself of the issues being addressed.							
8	26	SCWUA - Membership Meeting	Diamond Bar	Pomona	22.0	\$ 11.77	\$ 200.00
Attended and was updated on current water availability by the MWDSC.							
9	28	Assemblywoman Blanca E Rubio	Diamond Bar	Azusa	17.0	\$ 9.10	\$ 200.00
Attended and renewed my friendship w, it's the newly elected Assemblywoman and her staff.							
10			Diamond Bar				

No	Day	Miscellaneous Expense (please itemize each expense)	Misc. Expense
1			
2			
3			
4			
5			

I certify the above is correct and accurate to the best of my knowledge

Signature _____

Subtotal Miscellaneous Expense	\$ 0.00
Subtotal Mileage	\$ 103.25
Subtotal Meeting Compensation	\$ 1,800.00
Subtotal All	\$ 1,903.26
Mandatory Deferred Compensation @ 7.5%	(\$ 135.00)
Voluntary Deferred Compensation <i>(negative entry; default @ 0)</i>	\$ 0.00
TOTAL	\$ 1,768.26

* Mileage is reimbursed at IRS Standard Business Mileage Rate

**Directors are eligible for ten meeting days per month at \$200 per day. Ordinance Nos. 02-01-7 and 02-07-15



Staff Report/Memorandum

To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager
Date: February 15, 2017
Subject: Projects Summary Update

Form with checkboxes for 'For Action', 'Information Only', 'Fiscal Impact', 'Cost Estimate', and 'Funds Budgeted'.

Discussion:

Brief status reports for projects are provided below:

Pond 3 Sump Pump – Project No. 58457

The contractor completed installation of the new pump and electrical improvements. Start-up and testing of the pumping system was conducted in mid January as was training for staff. Staff anticipates the new system will be put into use to clean out Pond 3 in mid-February.

Williams/Fulton Hydroelectric Stations Analyses – Project Nos. 58149 / 58150

The interconnection applications for the Williams and Fulton Hydro stations were accepted by SCE and are currently being reviewed and processed. SCE is in the process of assessing existing electrical infrastructure to confirm adequate equipment is in place to protect its side of the interconnection and outlying power grid.

SCE has provided required relay settings that TVMWD’s electrical equipment must satisfy in order to ensure adequate protection. Frisch Electrical Engineering has been retained to determine if the 30-year-old electro-mechanical style relays can be used to satisfy SCE requirements. Frisch Engineering will complete the analysis by mid-February. If the existing relays are not adequate, they will need to be replaced with new digital style relays.

Draft language for the new agreements to sell generated electricity to SCE is being developed by SCE and will be reviewed by TVMWD staff and its consultant in the coming month. Staff anticipates the QF contract process will be completed in spring 2017.

Grand Avenue Well – Project No. 58446

Staff has contacted the LDS Church and is in the process of providing additional information and discussing project issues related to access and construction equipment

layout. Staff also plans to contact the City of Claremont and reach out to the nearby residents to discuss the project. The consultant will begin preparation of the preliminary design report (PDR) after the discussions are completed to ensure certain assumptions regarding design are acceptable. Staff anticipates the PDR will be completed in April 2017. Preparation of the environmental (i.e. CEQA) documentation will follow thereafter and require approximately three months to complete.

TVMWD Baseline Road Well Project – Project No. 58458

There are no additional updates since the prior status report was provided to the board.

Miramar Pipeline Video Inspection - Old Williams Alignment

Staff has contracted with a video inspection company to video the “Old Williams” section of the Miramar Transmission Pipeline from Baseline Road to the Fulton Plant. The video inspection will allow staff to review past repairs and ongoing serviceability of this 66-year-old reach of pipe. Due to the age and high working pressure of this pipeline, staff plans to continue to assess its condition through these periodic inspections. This video inspection is scheduled for the last week of February 2017. In another two to three years, staff plans to inspect this same pipeline utilizing a non-destructive method to determine the structural integrity of the prestressed wire wrap and steel cylinder.

Miramar Water Treatment Plant Structural Inspections

Staff continues its ongoing program of structural inspections and repairs of the concrete portions of the treatment plant. Repairs completed in 2012 of portions of the concrete structures of the sedimentation basins and channels were evaluated. This inspection took place simultaneously with the plant’s annual maintenance shutdown. The past repairs appear to be generally holding well with two locations on the north wall of the south sedimentation basin that showed signs of possible weeping but was unconfirmed due to heavy rains at the time of inspections.

The last stage of this round of inspections will take place in unison with the third phase of the treatment plant’s maintenance shutdown in early February 2017, thereby allowing visual inspections in the concrete channels including the filter influent channel and pipes.

Building Modification – Break Room Renovation – Project No. 58147

Work on the renovation has gotten off to a slow start due to heavy rains in January. Most of the demolition work has now been completed and the installation of major structural components are to follow. It is anticipated that work will proceed more steadily once the rains subside.

Strategic Plan Objectives:

- 1.4 – Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe.
- 1.5 – Maintain water infrastructure to assure 100% reliability.
- 2.3 – Manage water infrastructure and staff operations to minimize costs.
- 3.3 – Be accountable and transparent with major decisions



Tier 1 Balance (in Acre-Feet) Calendar Year 2017 (through January 2017)

Agency	Tier 1 Allocation	Usage		Balance
		Direct	Spreading	
Boy Scouts of America	36	0.8	0.0	34.8
Cal Poly Pomona	269	16.1	0.0	252.9
Covina, City of	1,568	68.9	0.0	1,499.1
Glendora, City of	4,101	0.0	0.0	4,101.3
Golden State Water Company	15,714	353.1	0.0	15,360.8
La Verne, City of	8,026	171.5	0.0	7,854.8
Mt San Antonio College	699	12.4	0.0	686.6
Pomona, City of *	7,052	230.8	0.0	6,821.4
Rowland Water District *	14,741	635.8	0.0	14,105.1
Suburban Water Systems **	1,961	0.0	0.0	1,961.0
Three Valleys MWD	NA		0.0	NA
Valencia Heights Water Co **	464	0.0	0.0	464.0
Walnut Valley Water District *	26,057	957.0	0.0	25,099.7

* Individual values for Pomona, RWD, WVWD are based on preliminary data from JWL.

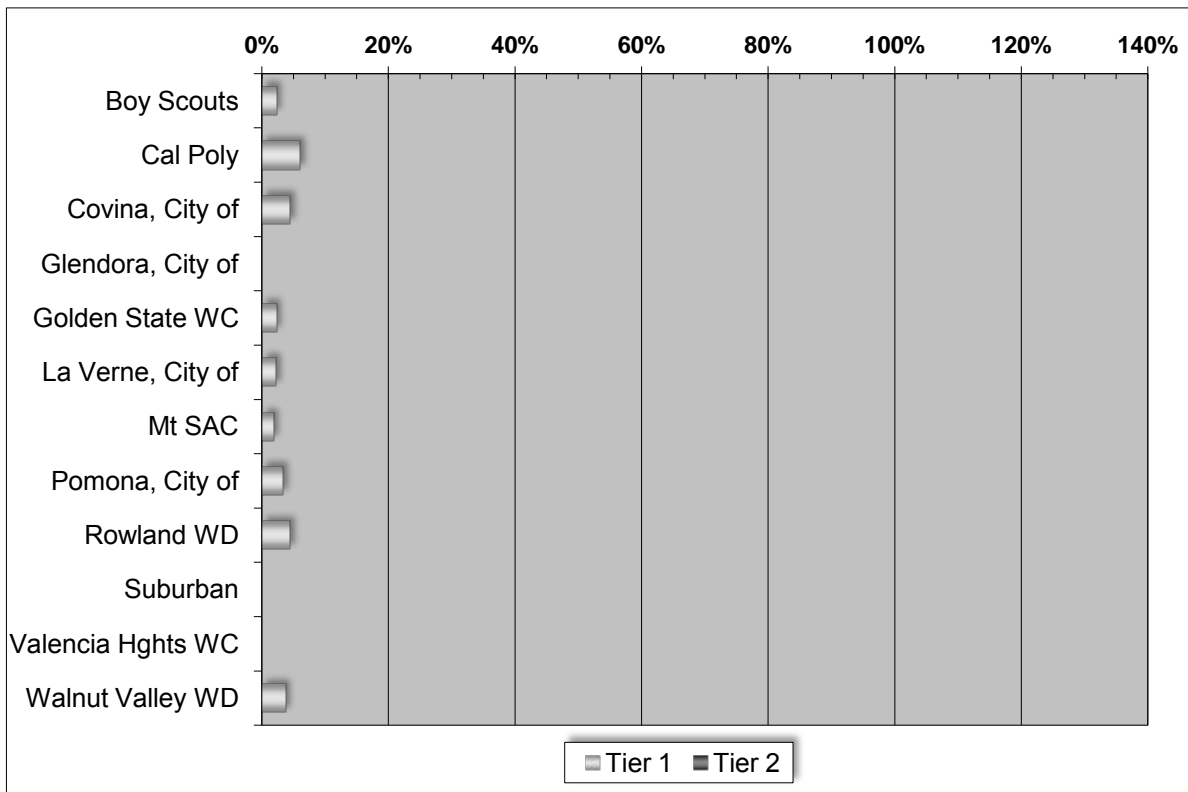
** Individual values for SWS and VHWC are based on preliminary data from WVWD

TVMWD Tier 1 Allowable = 80,688

MWD Tier 1 Deliveries = 2,796

TVMWD Tier 1 Balance = 77,892

Overage by Individual Agencies 0.0



Three Valleys Municipal Water District Miramar Operations Report

JANUARY 2017

Water Quality

The treatment plant produced treated water that met or exceeded state and federal drinking water standards.

Water quality data for the month of January (results of the combined filter effluent)

		Units	Results	Limits	
Turbidity	TU	NTU	0.03	0.3	<i>Results should be less than limits to comply</i>
Total Dissolved Solids	TDS	mg/l	320	500	
Total Trihalomethanes	TTHM	µg/l	58.9-59.3	80	<i>Ranges from 4 distribution locations (Dec results)</i>
Haloacetic Acids	HAA	µg/l	9.71-12.2	60	
Total Organic Carbon	TOC	Units RAA Ratio	1.3875	Minimum Limit 1.00	<i>* RAA Results should be greater than minimum limit to comply</i>

Reportable violations made to SWRCB: **NONE**

**RAA - Running Annual Average*

Monthly Plant Production

		Capacity	Monthly %
Potable water produced from Miramar Plant	841.1 AF	1844.6 AF	45.6%

Monthly Well Production

	Days in service		Same month prior year	Days in service
Well #1	1	0.2 AF	35.7 AF	31
Well #2	27	48.8	56.6 AF	31
Total monthly Well production		49.0 AF	92.3 AF	

Monthly Sales

La Verne	171.5 AF	19.3%
GSWC (Claremont)	129.7	14.6%
GSWC (San Dimas)	222.6	25.0%
PWR-JWL	363.6	40.9%
TVMWD Admin	2.6	0.3%
Total Potable Water Sold	890.1 AF	100.0%

Year To Date 2016-17

	Actual	Budget	% of Budget
Potable Water Sold from Miramar Plant (95.2%)	11,131.2 AF	7,209.0 AF	154.4%
Total Well Production (4.8%)	558.3	600.0	93.0%
Total Potable Water Sold (Plant & Wells)	11,689.5 AF	7,809.0 AF	149.7%
 Average monthly water sold	 1,669.9 AF		

Hydroelectric Generation (kWh)

	Monthly kWh		YTD kWh		
	Actual	Budget	Actual	Budget	% of Budget
Miramar					
Hydro 1	0	166,760	318,175	1,033,912	30.8%
Hydro 2	36,255	20,970	158,053	174,750	90.4%
Hydro 3	4,472	15,030	149,123	125,250	119.1%
Williams	31,040	69,201	659,680	563,497	117.1%
Fulton	21,600	54,313	218,560	336,739	64.9%
	93,367	326,274	1,503,591	2,234,148	67.3%

Operations/Maintenance Review

Special Activities

- ▶ Twenty-six super sacks of anthracite coal were delivered. Operations staff assisted in the offloading of the sacks and was able to refill all eight filters over the course of several days at a significant cost savings to the District.
- ▶ District staff drained/cleaned/pressure washed/inspected the north and south sedimentation basins. District staff also made drain modifications to the sedimentation basin floor by removing part of the concrete curbs that were impeding the flow of water. This work is performed annually.
- ▶ The contractor installed necessary upgrades to the security camera system.
- ▶ District staff provided an overview of the Three Valleys MWD system and a preliminary February shutdown discussion to our member agencies and their operations staff.
- ▶ Operations staff rebuilt one of the two water softener systems onsite along with replumbing the soft water piping.
- ▶ During the rain storm, Well #2 went offline. This allowed Operations staff to take advantage of the outage and use the well sounder to take static water level reads.

Outages/Repairs

- ▶ During the recent rain storm, the lightning caused damage to the computer server and phone system at 3:30am. Accent Computer, along with Pacific Bell were able to bring the computer server and phones back in service later in the day. The reservoir level sensor was also damaged. Numerous electronic components of the treatment plant were affected by this lightning event and the full extent of the damage done is being investigated.
- ▶ The Miramar Hydro has been out of service. Staff is currently obtaining quotes for the repair.

Unbudgeted Activities


- ▶ None

Other

Other Activities

- ▶ District staff provided a tour to elementary students from Holy Name of Mary School in San Dimas and to La Fetra Elementary in Glendora.

Submitted by: _____


 Steve Lang
 Operations Manager

Distribution:

Board of Directors
 General Manager
 Manager of Engineering & Operations



Staff Report/Memorandum

To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: FY 17-18 Budget Review Schedule

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input checked="" type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$

Discussion:

Included below is the tentative schedule for review of the FY 17-18 budget. Meeting dates listed are tentative and subject to change by the General Manager and the Board. Staff requests that the Board review the schedule and provide comment throughout the budget process.

2/14/17	Manager's Meeting	Budget Review Schedule
2/15/17	Board Workshop	Budget Review Schedule
3/1/17	Board Workshop	Budget Workshop Water Sales Predictions (1 st draft) Overall Budget and Rates (1 st draft)
3/14/17	Manager's Meeting	Water Sales Predictions (1 st draft) Overall Budget and Rates (1 st draft)
4/5/17	Board Workshop	Water Sales Predictions (2 nd draft) Overall Budget and Rates (2 nd draft)
4/11/17	Manager's Meeting	Water Sales Predictions (2 nd draft) Overall Budget and Rates (2 nd draft)
4/19/17	Board Meeting	Adoption of FY 17-18 Budget and 2018 Rates

Strategic Plan Objective(s):

- 3.1 – Utilize and comply with a set of financial policies to maintain TVMWD's financial health
- 3.3 – Be accountable and transparent with major decisions



Staff Report/Memorandum

To: TVMWD Board of Directors
From: Richard W. Hansen, General Manager *RH*
Date: February 15, 2017
Subject: Strategic Plan FY 17-18 Draft

<input type="checkbox"/>	For Action	<input type="checkbox"/>	Fiscal Impact	<input type="checkbox"/>	Funds Budgeted
<input checked="" type="checkbox"/>	Information Only	<input type="checkbox"/>	Cost Estimate:	\$	

Discussion:

The strategic plan is derived from TVMWD's mission and vision statements, as these statements provide a big picture perspective about TVMWD. The purpose of the strategic plan is to:

- Clarify the purpose of TVMWD
- Create a roadmap for achieving TVMWD's mission and vision
- Communicate this information to employees, board members, member agencies and citizens affected by TVMWD

Provided for your review is a draft of the FY 17-18 strategic plan. Staff made slight improvements to the wording of the document and made very few changes. Items of note:

- Updated Industry and District Outlook to be reflective of current information
- Updated Reserve Policies to reflect current goal amounts
- Revised Employee Benefit Reserve description to clarify its purpose in conjunction with the newly established Post Employment Benefit Trust
- Clarified the criteria for market level agencies in the Compensation Philosophy
- Updated the Five-Year Capital Program
- Updated the Budget Priorities

Strategic Plan Objective:

3.3 – Be accountable and transparent with major decisions



FY 2017-2018

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DISTRICT MISSION

The mission of Three Valleys Municipal Water District is to supplement and enhance local water supplies to meet our region's needs in a reliable and cost-effective manner.

DISTRICT VISION

The District meets its regional water supply needs through:

- 1. Collaboration with its member agencies to understand their short-term and long-term needs,**
- 2. Development and implementation of a plan to address these needs in a cost-effective manner based on current water conditions, and**
- 3. Periodic update of the plan as needs or as major changes in water conditions occur.**

DISTRICT CORE VALUES

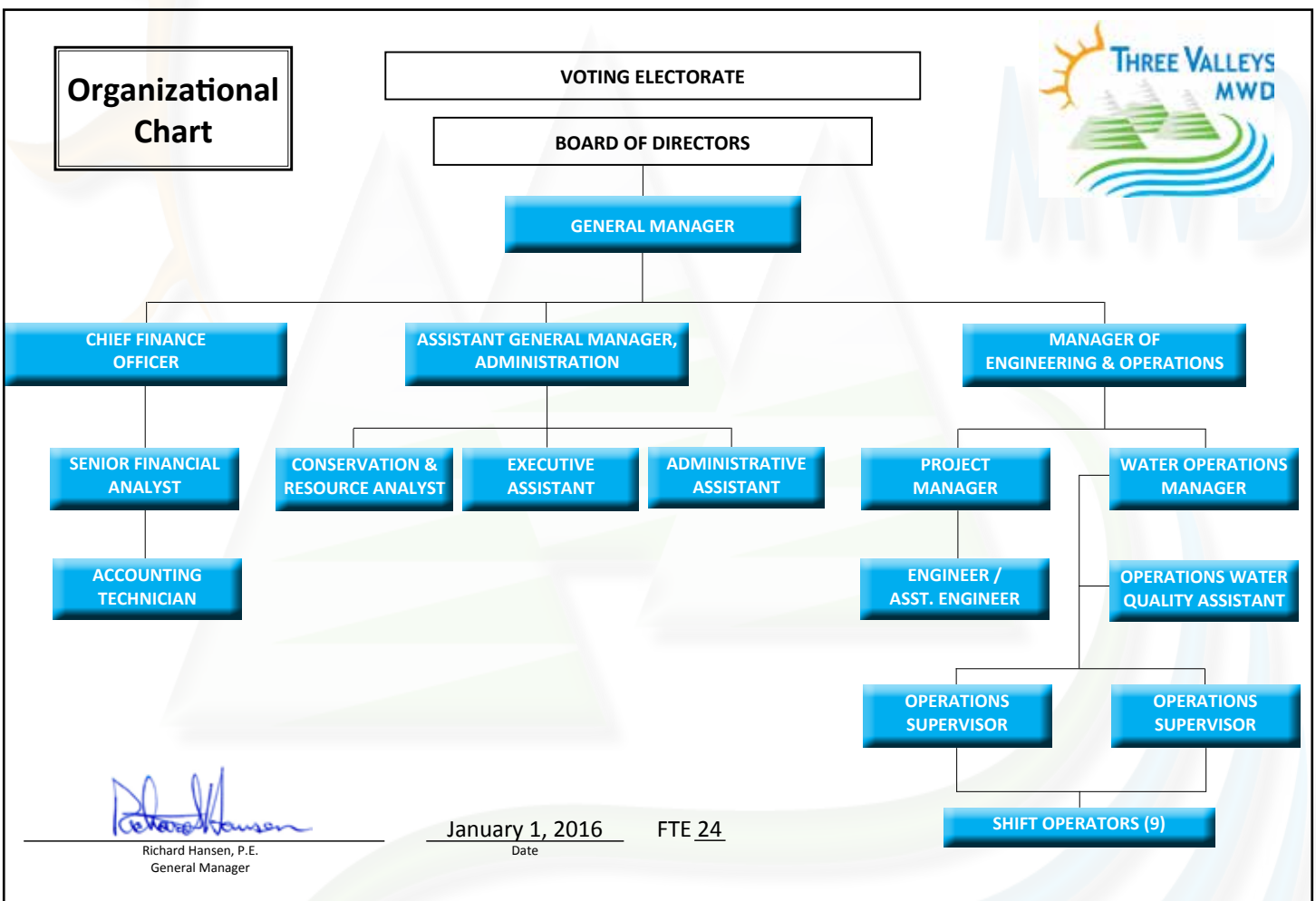
To achieve success, TVMWD must have a set of core values from which it bases its policies and actions. For TVMWD to meet current and future challenges, the single most important factor to our success is faithful and consistent adherence to these values.

- Teamwork**
- Communication**
- Customer Service**
- Personal Responsibility**
- Professional Integrity**
- Employee Development**
- Innovation**
- Recognition**

DISTRICT PROFILE

TVMWD is a special district formed by public election in 1950 and is the area’s primary source of supplemental water covering the Pomona, Walnut and East San Gabriel Valleys. TVMWD is one of 26 member agencies of the Metropolitan Water District of Southern California (MWD) that is authorized to deliver wholesale water supplies from the Colorado River and Northern California. The region served by TVMWD spans over 133 square miles and serves 13 retail member agencies that in turn serve a population of over 500,000.

TVMWD’s operations consist of a conventional surface water treatment plant (manned and operated 24 hours per day, 7 days per week, 365 days per year), a state certified laboratory, two groundwater wells, hydroelectric generating stations, residual solids removal, spreading pipelines, spreading grounds, pump stations, and transmission pipelines. Water is treated at the Miramar Treatment Plant and wholesaled to local agencies by way of several miles of pipeline. TVMWD receives a Tier 1 water supply allotment from MWD of 80,688 AFY.



TVMWD is governed by a Board of Directors elected by the registered voters residing within TVMWD’s boundaries. The Board averages over 13 years of experience with TVMWD, this stability provides a tremendous benefit to TVMWD. The General Manager has over 39 years with TVMWD and has vast experience in the water industry. Approximately 70% of the TVMWD’s water sales are wholesaled out of MWD’s Weymouth Treatment Plant in La Verne. The remaining 30% is treated and sold out of TVMWD’s Miramar Treatment Plant in Claremont. TVMWD has water storage accounts in Six Basins (stored: 3,498 AF; capacity: 3,500 AF) and Main San Gabriel Basin (stored: 118 AF; capacity: 40,000 AF).

DISTRICT PROFILE (continued)

TVMWD is accredited by SDLF as a District of Distinction, which demonstrates that TVMWD:



- Understands and respects the responsibilities inherent in providing essential public services.
- Has clean financial audits and operates in a fiscally responsible and transparent manner.
- Is conscious of the ever-changing operating environment by having current and relevant policies and procedures in place that conform to all statutes and regulations under state law.
- Places an emphasis on continuing education. Complete training by each of the district's board members and executive staff in ethics, governance and leadership.
- Focuses on having sound policies in the areas of governance, board conduct, district finances, transparency and reserves.

TVMWD was also recognized by SDLF with the District Transparency Certificate of Excellence. This certificate demonstrates TVMWD's commitment to being open, accessible and engaging to the public and creates a greater awareness of TVMWD's activities.

INDUSTRY OUTLOOK

California has dealt with five consecutive years of drought. In response to Governor Brown's executive order on April 1, 2015 to reduce water usage by 25% statewide, Californians conserved water at a 24% level between June 2015 and March 2016. The change in hydrologic conditions, improved supply conditions, and water-saving efforts by Southern Californians enabled MWD to lift mandatory water restrictions in May 2016 and instead downgrade to a Water Supply Alert calling for continued awareness and conservation efforts throughout their service area.

Sustaining wise water use remains essential to MWD. On January 12, 2016 MWD's board adopted a long-term water resource plan (Water Tomorrow), which outlines ways to maintain supply reliability for the next 25 years. Their updated 2015 Integrated Resources Plan identifies resources for future investment to protect the region from potential water shortages, emphasizes lowering demands through conservation and other actions as well as the need for developing new supplies through more local projects like water recycling.

A similar message was conveyed in the updated California Water Action Plan released January 14, 2016. The state's official water policy was updated to lay out actions that must be taken to protect water supplies and fix the state's critical water resource problems. Governor Brown followed up the California Water Action Plan with an executive order in May 2016 that aims to make water conservation a way of life in California. Governor Brown believes droughts are expected to be more frequent and persistent so California needs to move beyond temporary emergency drought measures and adopt permanent changes to use water more wisely. The executive order called for long-term improvements to local drought preparation across the state and directed the State Water Resources Control Board to implement emergency water restrictions until February 2017.

The 2016/2017 water year has provided tremendous relief for most of California. Precipitation is 220% of

INDUSTRY OUTLOOK (continued)

normal to date, Northern California reservoirs are much improved, and the Northern Sierra and Upper Colorado River Basin snowpack are trending above normal conditions. The Department of Water Resources' early estimates for State Water Project deliveries are at 60% and that number is still expected to rise. Despite these improved conditions, emergency water restrictions are still in place but will be reconsidered February 2017.


DISTRICT OUTLOOK

TVMWD continues to support and work in conjunction with MWD and our member agencies to meet the challenges of on-going water conservation efforts and other water saving measures. TVMWD's focus is at the local and regional level to find additional sources of water at a reasonable cost and address critical water issues. Preserving our water supplies for the future and in case of emergencies such as a catastrophic earthquake is at the forefront of TVMWD's goals.

**U.S. Drought Monitor
California**

January 31, 2017
(Released Thursday, Feb. 2, 2017)
Valid 7 a.m. PST

DROUGHT...? NO DROUGHT...?



As you can see from this recent map, the Pomona area is still considered to be in "Severe Drought". It will take more than a few rain storms to restore our local groundwater supplies.

Intensity:

■ D0 Abnormally Dry	■ D3 Extreme Drought
■ D1 Moderate Drought	■ D4 Exceptional Drought
■ D2 Severe Drought	

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for more on droughts.

Author:
David Simon
Western Regional Climate Center

USDA NWS NOAA NCEP

<http://droughtmonitor.unl.edu/>


The State Water Resources Control Board (SWRCB) is asking that everyone continue to live the "waterwise lifestyle".

You have done an excellent job these last few years of conserving water. Your efforts have helped us weather a tough time. However, droughts create long-term impacts.

Locally, our groundwater basins have still not recovered. The recent rains have helped, but it will take much more to refill the basins. We also have to remember, that these rain and snowstorms may dry up at any time.

PLEASE keep up the good work and continue using water efficiently -- it must be a way of life in California.

Three Valleys Municipal Water District's Areas Served:
Azusa, Boy Scouts of America-Firestone Reservation, California State Polytechnic University-Pomona, City of Industry, Claremont, Covina, Covina Irrigating Co., Diamond Bar, Glendora, Golden State Water Co., Hacienda Heights, La Puente, La Verne, Mount San Antonio College, Pomona, Pomona-Walnut-Rowland Joint Water Line Commission, Rowland Heights, Rowland Water District, San Dimas, Suburban Water Systems, Valencia Heights Water Co., Walnut, Walnut Valley Water District and West Covina



DISTRICT GOALS

The following goals have been identified to assist TVMWD in executing its mission:

1. Provide an adequate, reliable, high-quality water supply
2. Provide water supplies in the most cost-effective manner
3. Be financially responsible and maintain the public's trust

Each goal has a number of specific objectives and actions to support the goal.

DISTRICT GOALS (continued)

Goal #1 - Provide an Adequate, Reliable, High-Quality Water Supply

Objective	Action
1.1 Secure water supplies that exceed the estimated annual demands by 10%	<ul style="list-style-type: none"> ▪ TVMWD Water Supply Master Plan <ul style="list-style-type: none"> ○ Obtain information annually from member agencies regarding their short-term and long-term needs ○ Update TVMWD's needs and obtain additional supplies if necessary
1.2 100% compliance with water quality standards	<ul style="list-style-type: none"> ▪ Comply with all EPA and State Water Board standards for safe drinking water ▪ Update treatment methods as necessary
1.3 Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF	<ul style="list-style-type: none"> ▪ Comply with MWD 10-year Purchase Order agreement ▪ Rehab underperforming wells or install new wells to increase extraction capabilities ▪ Enhance spreading capabilities throughout TVMWD ▪ Utilize full MWD Tier 1 allotment to increase storage in local basins ▪ Participate in regional collaborative efforts to bolster water supplies
1.4 Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe	<ul style="list-style-type: none"> ▪ Rehab underperforming wells or install new wells to increase extraction capabilities ▪ Continuously update emergency plans/procedures and perform test drills
1.5 Maintain water infrastructure to assure 100% reliability	<ul style="list-style-type: none"> ▪ Update asset maintenance plan <ul style="list-style-type: none"> ○ Maintain condition/risk assessment to prioritize assets for replacement ○ Complete asset replacement cost valuation to facilitate budget planning ▪ Update Five-Year Capital Investment Program ▪ Recruit qualified personnel, provide proper training and strive for 90% retention of permanent staff
1.6 Utilize water use efficiency programs to lower demand and stretch supplies	<ul style="list-style-type: none"> ▪ Maintain level of regional water use efficiency program assistance to comply with CUWCC and SBX7-7 requirements ▪ Determine outcome of TVMWD Water Supply Master Plan and consider development of a WSDM Plan (similar to MWD) to outline actions at various conditions
1.7 Advocate for a Bay Delta fix	<ul style="list-style-type: none"> ▪ Communicate importance of Bay-Delta to target audience ▪ Utilize ACWA, MWD, CSDA and other resources to focus on the key elements and need for a Bay-Delta fix through the California Water Fix and related programs

DISTRICT GOALS (continued)

Goal #2 – Provide Water Supplies in the Most Cost-Effective Manner

Objective	Action
2.1 Utilize 10,000 AF of well production to meet annual demands	<ul style="list-style-type: none"> ▪ Enhance spreading capabilities throughout TVMWD ▪ Rehab underperforming wells or install new wells to increase extraction capabilities ▪ Shift more demand from the Weymouth plant to well production
2.2 Utilize 20,000 AF of Miramar treatment plant production to meet annual demands	<ul style="list-style-type: none"> ▪ Shift more demand from the Weymouth Plant to the Miramar Plant ▪ Consider additional connections to maximize Miramar sales
2.3 Manage water infrastructure and staff operations to minimize costs	<ul style="list-style-type: none"> ▪ Utilize full Tier 1 allotment by storing water or marketing water to other agencies when available ▪ Update asset maintenance plan and implement funding mechanism into rate structure that provides cost smoothing and minimizes the need for financing ▪ Update Five-Year Capital Investment Program ▪ Recruit qualified personnel, provide proper training and strive for 90% retention of permanent staff ▪ Utilize partnership opportunities to share costs with local basins, water agencies, etc. ▪ Network with other treatment plants for BMPs ▪ Maximize a safe working environment to decrease insurance costs and time lost ▪ Utilize new technology or techniques to meet water quality standards efficiently
2.4 Evaluate short-term and long-term workforce needs to achieve optimal efficiency and cost effectiveness without sacrificing employee morale or productivity	<ul style="list-style-type: none"> ▪ Update asset maintenance plan ▪ Evaluate technological advances that can increase staff efficiency ▪ Evaluate whether tasks are best handled by outside contractors or in-house employees ▪ Implement a succession plan requiring cross-training and knowledge sharing between employees ▪ Recruit qualified personnel, provide proper training and strive for 90% retention of permanent staff <ul style="list-style-type: none"> ○ Develop a compensation philosophy to maintain a total compensation at market levels ○ Implement a succession plan that fosters qualified internal candidates for vacancies and retains institutional knowledge ○ Utilize Target Safety to maintain certifications and provide training ○ Develop a health and wellness program to minimize absences and improve employee's overall well-being
2.5 Obtain grant funding to offset capital investment projects	<ul style="list-style-type: none"> ▪ Be aware of all grant funding opportunities available ▪ Apply for grants when the grant funding benefits exceed the compliance requirements, staff time spent and likely timeline delays
2.6 Advocate for MWD rate structure that is fair, predictable and creates financial stability	<ul style="list-style-type: none"> ▪ Utilize the rate refinement group to suggest take or pay contracts from MWD to ensure costs appropriately allocated among all MWD member agencies

DISTRICT GOALS (continued)

Goal #3 – Be Financially Responsible and Maintain the Public’s Trust

Objective	Action
3.1 Utilize and comply with a set of financial policies to maintain TVMWD’s financial health	<ul style="list-style-type: none"> ▪ Adopt financial policies regarding: <ul style="list-style-type: none"> ○ annual budget and rate making process ○ use of debt ○ accumulation and use of reserves ○ cash management and investments ▪ Maintain accreditation of SDLF’s “District of Distinction”
3.2 Maintain TVMWD website with useful information	<ul style="list-style-type: none"> ▪ Post board agendas, packets and minutes for prior 1 year period and financial & water quality reports for prior 2 year period ▪ Promote awareness of water issues ▪ Post resources for efficient use of water ▪ Post information which is repeatedly requested ▪ Maintain SDLF’s “District Transparency Certificate of Excellence”
3.3 Be accountable and transparent with major decisions	<ul style="list-style-type: none"> ▪ Each staff report will specify the goal/objective achieved with the requested action ▪ Comply with state controller’s office and CalPERS’ requirements for compensation disclosure ▪ Comply with TVMWD purchasing policy ▪ Obtain board approval as needed for policy changes
3.4 Communicate TVMWD’s role in the delivery of water	<ul style="list-style-type: none"> ▪ Promote achievement of TVMWD goals and objectives ▪ Communicate with target audience the importance of TVMWD (a special district) so the value provided is recognized and supported ▪ Coordinate communication efforts with member agencies so they reiterate the benefit provided ▪ Develop fact sheet regarding information, projects, etc. to be utilized by staff & board members ▪ Provide tours of TVMWD facilities
3.5 Ensure that all of the region’s local government policy makers understand TVMWD’s role in delivery of water	<ul style="list-style-type: none"> ▪ Coordinate communication efforts with member agencies ▪ Develop fact sheet regarding information, projects, etc. to be utilized by staff & board members ▪ Provide tours of TVMWD facilities
3.6 Achieve an IT Risk rating of “low” according to industry standard vulnerability assessment methodologies of NIST and SANS	<ul style="list-style-type: none"> ▪ Have an assessment performed of SCADA, accounting software, network access and other IT related issues ▪ Implement recommendations for areas identified as vulnerable ▪ Create a technology master plan to stay ahead of these issues

FINANCIAL POLICIES

TVMWD's practices are guided by the following financial policies:

1. Annual Budget

- a. The budget is the annual action plan for development and execution of TVMWD's mission and budget priorities. The budget is adjusted to reflect TVMWD's short-term and long-term goals.
- b. TVMWD shall adopt and adhere to a balanced budget. A balanced budget is defined as a budget where revenues less expenses are as close to zero as possible over a five-year period.
- c. Budget line items shall be based on reasonably predicted revenues and expenses rather than best or worst-case scenarios. Reasonable prediction involves the use of historical data, projected data and prudent judgment.
- d. The budget is utilized to estimate the required rate necessary to operate TVMWD rather than to reflect actual circumstances that occurred during the year. Budget amendments will be utilized to reflect any significant changes that occur during the year.
- e. The budget shall be adopted annually but prepared for a five-year period to smooth out increases and properly plan for future expenses.
- f. TVMWD shall segregate budget line items into separate funds:
 - i. Pass Through - this fund shall track MWD readiness-to-serve charges, capacity charges and any other costs where TVMWD is directly reimbursed.
 - ii. Operating - this fund shall track all expenses attributable to the operation of TVMWD.
 - iii. Capital - this fund shall track all capital expenses attributable to TVMWD's infrastructure.
- g. TVMWD will hold at least one workshop to afford member agencies and the public an opportunity to comment on the proposed budget.
- h. TVMWD will adopt the annual budget by April for the following fiscal year.
- i. TVMWD will provide to the Board a monthly budget to actual summary report.

2. Rate Making Process

- a. TVMWD shall adopt rates that produce a balanced budget.
- b. TVMWD will hold at least one workshop to afford member agencies and the public an opportunity to comment on the proposed rates.
- c. TVMWD will adopt rates by April for the following calendar year.
- d. TVMWD's activities are supported by a diversified revenue stream of water sales, charges, assessments, property taxes, hydroelectric, cell tower and interest income.
- e. TVMWD shall generally utilize one-time revenues for payment of one-time expenses. TVMWD will not establish ongoing programs or expenditure commitments dependent upon anticipated one-time revenues or revenues that are not reasonably predictable.

3. Debt

- a. TVMWD will issue long-term debt only when the project makes good financial sense.
- b. Debt will be used for large one-time expenditures, not for ongoing costs such as operation and maintenance.
- c. The term of any debt will not exceed the useful life of the project or equipment purchased with the debt proceeds.
- d. Refunding of outstanding debt will be undertaken only if the generated savings makes good financial sense.

FINANCIAL POLICIES (continued)

4. Cash Management and Investments

- a. TVMWD shall invest idle cash in a prudent manner according to established TVMWD investment policy that complies with California Government Code and applicable California law, ensuring TVMWD's cash flow requirements are met while meeting the objectives of safety, liquidity, and return on investment.
- b. TVMWD will strive to maximize the return on investment without sacrificing preservation of principal and daily cash requirements.
- c. Cash flow projections will be updated monthly for all daily receipts and disbursements, and will serve as the baseline for determining cash liquidity needs and funds available for investment.

5. Reserves

- a. Consistent with sound and prudent fiscal practices as well as legal requirements, TVMWD will maintain reserve funds that comply with adopted policy and legal bond documents.
- b. Objectives of reserve funds:
 - i. To balance short-term fluctuations in revenues/expenses without adopting unplanned significant rate increases that could severely impact ratepayers.
 - ii. To provide a safety net in the event of emergency.
 - iii. To minimize external borrowing and interest expense.
 - iv. To determine the most opportune time to issue debt when necessary.
- c. In setting reserve goals TVMWD will consider that reserve levels affect bond ratings and ultimately the ability to access debt markets at favorable interest rates.
- d. The Board shall annually reevaluate what is reasonable for each reserve fund.
- e. Although GASB 54 does not apply to TVMWD, staff will provide reserve schedules annually that comply with GASB 54 to provide more detail and greater visibility as to the level of fund balance available for use. The hierarchy of five possible classifications of fund balance is:
 - i. Non-Spendable - amounts that cannot be spent due to form such as inventories and prepaids.
 - ii. Restricted - amounts constrained for specific purpose by external parties, constitutional provision or enabling legislation.
 - iii. Committed - amounts constrained for specific purpose by government using its highest level of decision-making authority.
 - iv. Assigned - amounts intended to be used for specific purposes.
 - v. Unassigned - the residual fund balance.

RESERVE POLICIES

Reserve	Goal	Description	Source
Board Election	\$120,000 - \$160,000	To cover biennial election and associated costs.	Water rate over the 2 subsequent years.
Water Management	\$200,000	To replenish storage of water pumped from local basins. Amount set at (TVMWD Six Basins storage capacity, less current storage, less MWD current storage) * expected rate for replenishment.	Six Basins water sales annually & then from Unassigned Reserves. Additional shortfalls replenished from water rate over the next 3 years.
Water Rate Stabilization	\$1,200,000 - \$1,800,000	To help fund operations when water sales are less than projected. Reserve shall be set at an amount to supplant lost income in the event of 10% water sales shortages over a 2-3 year period.	Unassigned Reserves. Additional shortfalls replenished from water rate over the next 3 years unless rate stabilization utilized to balance upcoming budget.
Capital Investment Program	\$4,100,000 - \$7,100,000	To cover expected and actual capital project/repair/replacement costs over the next 2-4 year period.	Unassigned Reserves. Additional shortfalls replenished from water rate over the next 3 years.
Opportunity	\$2,000,000 - \$3,000,000	For unbudgeted, unplanned or opportunistic projects that can increase supply reliability or decrease rates.	Unassigned Reserves. Additional shortfalls replenished from water rate over the next 3 years.
Employee Benefit	\$1,817,576	To accumulate funds to offset the unfunded portion of employee pension and OPEB actuarial accrued liabilities. Funds to be deposited at the close of each fiscal year to the Post Employment Benefit Trust until the balance of the trust and CalPERS assets reaches approximately 90% of the actuarial accrued liability. This reserve will maintain the remaining 10% to offset the unfunded liability and to ensure the trust is not overfunded.	Unassigned Reserves. The board will approve a rate funding strategy during the annual budget process.
Emergency	Total available reserve balances of at least \$10,000,000	To cover unexpected costs from litigation, catastrophic events, business interruptions, or other events deemed as emergencies by the Board	Unassigned Reserves. Additional shortfalls replenished from water rate over the next 3 years.
Unassigned	Remaining balance of unrestricted net assets	To replenish all other reserves and then accumulate excess reserves above goal amounts.	Excess retained earnings.

DEBT MANAGEMENT ANALYSIS

TVMWD DEBT SUMMARY

TVMWD made final payment on the original debt for the Miramar Treatment Plant on November 1, 2013. This debt was entered into by TVMWD, the City of La Verne and Golden State Water Company. Golden State Water Company paid the remaining balloon payment of \$6 million on November 1, 2014.

TVMWD is debt free.



ANALYSIS

Based on budget/rate forecasts and the five-year capital improvement plan, TVMWD should not need to issue debt in the foreseeable future. However TVMWD is well positioned to obtain debt at favorable rates should the need arise.

COMPENSATION PHILOSOPHY

In order to accomplish its mission, TVMWD must have sufficient competent staff to achieve the goals and objectives outlined in the strategic plan. This requires having a succession plan in place to identify needs and future challenges, recruiting qualified personnel with the appropriate skills to fill job openings, and retaining staff trained on how we operate.

To this end TVMWD demonstrates its commitment to treating staff fairly and equitably by compensating employees at market levels, defined as the average compensation at agencies that meet following criteria:

- Agencies with employees performing the same or directly related tasks
- Agencies competing to hire individuals with the same qualifications
- Agencies with similar ability to pay

The following agencies have been identified for comparison:

- Calleguas Municipal Water District
- Castaic Lake Water Agency
- Cucamonga Valley Water District
- Eastern Municipal Water District
- Inland Empire Utilities Agency
- Las Virgenes Municipal Water District
- Palmdale Water District
- Water Facilities Authority (WFA)
- West Basin Municipal Water District
- Western Municipal Water District

Compensation information is obtained from each agency by TVMWD staff. Information is compiled to reflect the **total dollar value compensation** for each position. Total dollar value quantifies total compensation (salary and benefits) so comparisons between agencies are easy to consider.

Salary Ranges

TVMWD should maintain wide ranges to bring new inexperienced employees in at low base salaries to allow for many years of growth, yet recognize and reward experience and performance.

Annual Performance Review

Employee performance is evaluated annually. Employees are eligible for a merit increase annually based on performance and within the constraints of the Board approved budget and the position's salary range. Employees are also eligible for a CPI increase based on employee performance. Salary ranges are adjusted annually by a CPI increase. The percentage increase is to be calculated per the annual change in Bureau of Labor Statistics Consumer Price Index for Urban Wage Earners and Clerical Workers for the Los Angeles-Riverside-Orange County.

Frequency

Due to the time-consuming nature of compiling compensation information, a total dollar value compensation study is completed every three years. Information is presented to the GM for comparison and to serve as a guide to adjust salary ranges and benefits as the GM deems necessary. Any benefits with long-term implications are brought to the Board for approval.

Project Enhanced Groundwater Production

Description Continued strategy to develop additional groundwater production capability within the groundwater basins that underlie TVMWD. This supply will augment imported water in the Miramar system for water delivery to the member agencies. Enhancing the capability to use local resources lessens the overall cost of water from Miramar and improves the reliability of supplies during emergencies. To the extent possible, existing wells that can be utilized will be incorporated into the strategy. In some cases, treatment may be required.



Rendering of Well

- Purpose**
- Serves as a cost-efficient source of water.
 - Provides additional options during emergency situations or drought conditions.

- TVMWD Objective**
- 1.3 - Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF.
 - 1.4 - Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe.
 - 2.1 - Utilize 10,000 AF of well production to meet annual demands.



Rendering of Well

Fiscal Year	16/17*	17/18	18/19	19/20	20/21	21/22
Expenditures						
Cost Estimate	338,664	1,831,573	1,466,667	1,580,760	1,066,667	3,040,000
Encumbered		(567,317)				
Budgeted	(338,664)	(124,394)				
Grant or Other Funding						
Budget Needs	-	1,139,862	1,466,667	1,580,760	1,066,667	3,040,000

*Estimated

Annual O&M Impact	\$60,000
Annual Staff Impact	0.30 FTE



Project Reservoir Effluent Pump Station

Description Planning, design, and installation of a demand-based pumping system at the effluent vault of the Miramar reservoirs. This system can provide the potable supply needs for the Miramar property effectively replacing the existing hydropneumatic tank system located at the plant's filter afterbay. By locating the new system at the reservoir effluent, the treatment process can take advantage of contact time in the reservoirs to improve the overall disinfection process. This change may lead to a reduction in chemical use and a lessened degree of monitoring to comply with the Groundwater Rule.



- Purpose**
- Improves water quality.
 - Increases operational efficiency.

- TVMWD Objective**
- 1.2 - 100% compliance with water quality standards.
 - 2.3 - Manage water infrastructure and staff operations to minimize costs.



Fiscal Year	16/17*	17/18	18/19	19/20	20/21
Expenditures					
Cost Estimate	25,000	256,000			
Encumbered					
Budgeted	(25,000)				
Grant of Other Funding					
Budget Needs	-	256,000	-	-	-

*Estimated



Annual O&M Impact	\$0
Annual Staff Impact	0.00 FTE

Project **SCADA / Security Modifications & Upgrades**

Description Contractor costs for integration of SCADA and video security systems for the Miramar property and at TVMWD's remote locations. Some of the improvements and upgrades include automating the operation of the hydroelectric generating stations, replacing older security equipment, upgrading programmable logic controllers that have become obsolete, and SCADA expansion/modification to allow remote access capability.

- Purpose**
- Improves capability to monitor and control treatment and delivery systems.
 - Adds operational features not currently part of existing SCADA system.
 - Provides increased security at Miramar Plant and remote sites.

TVMWD Objective

1.5 - Maintain water infrastructure to assure 100% reliability.

2.3 - Manage water infrastructure and staff operations to minimize costs.



Fiscal Year	16/17*	17/18	18/19
Expenditures			
Cost Estimate	75,585	103,396	3,741
Encumbered	(56,631)	(10,622)	
Budgeted	(18,954)		
Grant or Other Funding			
Budget Needs	-	92,774	3,741

*Estimated

Annual O&M Impact	\$10,000
Annual Staff Impact	0.00 FTE



Project Facility Electrical Upgrades

Description Evaluation, design, installation and/or replacement of equipment and instrumentation for TVMWD’s two smaller hydroelectric generating stations (Williams, Fulton) and Plant 2. The electrical components at each of these facilities may require various upgrades to bring them up to today’s standards. As the agreements with SCE terminate in 2017 for Williams and Fulton, these upgrades may be required prior to the execution of new power purchase agreements moving forward. Meanwhile, TVMWD is also evaluating the potential to generate even more power at the Williams and Fulton sites similar to the analysis performed for the Miramar Hydroelectric Station in 2012.



- Purpose**
- Update electrical systems at TVMWD facilities.
 - Improve generating capacity to increase revenue.



- TVMWD Objective**
- 1.5 - Maintain water infrastructure to assure 100% reliability.
 - 2.3 - Manage water infrastructure and staff operations to minimize costs.

Fiscal Year	16/17*	17/18	18/19
Expenditures			
Cost Estimate	250,000	5,000	10,000
Encumbered	(116,694)		
Budgeted	(133,306)	(5,000)	
Grant of Other Funding			
Budget Needs	-	-	10,000

*Estimated

Annual O&M Impact	\$0
Annual Staff Impact	0.00 FTE



Project **Manway Installations and Pipeline Inspection/Repairs**

Description Inspection and repair costs associated with the Miramar Transmission Pipeline. Upon completion of access manways along the alignment of the Miramar Pipeline, TVMWD will inspect the 30+ year-old pipeline to assess its condition and identify areas in need of repair or further evaluation. Inspection and repair phases may take some time to complete in order to minimize the impact of shutdowns and the inability to deliver water.



Purpose

- Facilitates pipeline inspections and to perform expected repairs.

TVMWD Objective 1.5 - Maintain water infrastructure to assure 100% reliability.



Fiscal Year	16/17*	17/18	18/19	19/20	20/21	21/22
Expenditures						
Cost Estimate	226,667	150,000	150,000	150,000	150,000	150,000
Encumbered		(106,185)				
Budgeted	(226,667)	(29,409)				
Grant or Other Funding						
Budget Needs	-	14,406	150,000	150,000	150,000	150,000

*Estimated

Annual O&M Impact	\$8,000
Annual Staff Impact	0.05 FTE



FIVE-YEAR CAPITAL PROGRAM Item 8.C.2

Project **PM-26 Expansion**

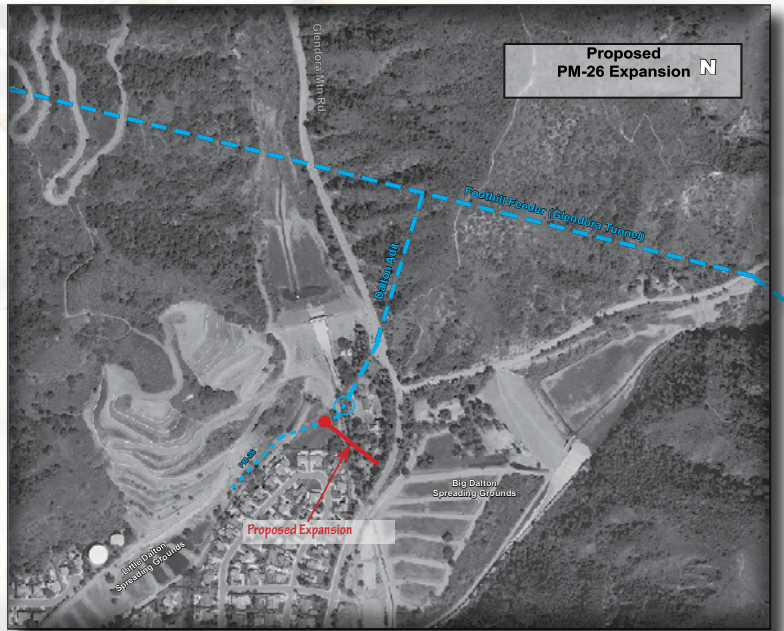
Description Planning, design, environmental and construction costs to expand the spreading connection at the existing PM-26 location. The existing connection currently delivers untreated import water to the Little Dalton Spreading Grounds, for which delivery rates are very limited. The addition of pipeline and low-lift pumping capability would allow delivery of water from the Foothill Feeder into the adjacent Big Dalton Spreading Grounds and other potential recharge facilities downstream. This added capacity would allow TVMWD to utilize more spreading water over shorter periods of time in the Main San Gabriel Basin.



Purpose Increase spreading capabilities within the Main San Gabriel Basin.

TVMWD Objective

- 1.3 - Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF.
- 1.4 - Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe.



Fiscal Year	16/17*	17/18	18/19
Expenditures			
Cost Estimate		415,625	1,124,375
Encumbered		(40,000)	
Budgeted		(167,813)	
Grant or Other Funding		(207,812)	(562,188)
Budget Needs	-	-	562,188

*Estimated

Annual O&M Impact	\$25,000
Annual Staff Impact	0.05 FTE



FIVE-YEAR CAPITAL PROGRAM Item 8.C.2

Project **Miramar Building and Site Improvements**

Description Design and construction of various upgrades and improvements for the 30-year old Miramar buildings and site. Projects to upgrade bathrooms, modify the break room and patio, and replace existing carpports are envisioned over the next few years.



Purpose • Maintain TVMWD facilities in modern, working order to accommodate the needs of staff and visitors.

TVMWD Objective 2.3 - Manage water infrastructure and staff operations to minimize costs.



Rendering of Breakroom

Fiscal Year	16/17*	17/18	18/19
Expenditures			
Cost Estimate	552,311	320,460	126,355
Encumbered	(404,125)		
Budgeted	(148,186)		
Grant or Other Funding			
Budget Needs	-	320,460	126,355

*Estimated

Annual O&M Impact	\$10,000
Annual Staff Impact	0.00 FTE



BUDGET PRIORITIES FOR FY 17-18

Based on TVMWD's goals and objectives, the following budget priorities have been identified:

1. Maximize the Lowest Cost Water

- a. Enhanced Groundwater Production – TVMWD will determine options for developing additional groundwater production.
- b. PM-26 Expansion – Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies.
- c. Reservoir Effluent Pump Station – Improve water quality and efficiency of the Miramar Treatment Plant.

2. Increase Ability to Store and Extract Water that can Increase Miramar Transmission Pipeline Deliveries

- a. Enhanced Groundwater Production – TVMWD will determine options for developing additional groundwater production.
- b. Manway Installations and Pipeline Inspection/Repairs – TVMWD will maintain the Miramar Transmission Pipeline in good working order to maximize deliveries.
- c. Increase Storage in Six Basins – TVMWD will continue working with Six Basins Watermaster on their strategic plan. One expected goal from their plan will be to exercise the basins more, which aligns with TVMWD's desire to spread and recover more water. TVMWD would request an increase to our storage account within Six Basins.
- d. PM-26 Expansion – Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies.

ACRONYMS AND ABBREVIATIONS

- AF – Acre-Feet
- AFY – Acre-Feet per Year
- BMP – Best Management Practices
- CSDA – California Special Districts Association
- CUWCC – California Urban Water Conservation Council
- EPA – Environmental Protection Agency
- FY – Fiscal Year
- GASB – Governmental Accounting Standards Board
- IT – Information Technology
- MWD – Metropolitan Water District of Southern California
- NIST – National Institute of Standards and Technology
- O&M – Operations and Maintenance
- OPEB – Other Post-Employment Benefits
- SANS – System Administration Networking and Security
- SBX7-7 – 2009 Legislation requiring 20% reduction in urban per capita water use by 2020

- SCADA – Supervisory Control and Data Acquisition
- SDLF – Special District Leadership Foundation
- TVMWD – Three Valleys Municipal Water District
- WSDM – Water Surplus and Drought Management

