



PALMDALE WATER DISTRICT

A CENTURY OF SERVICE

BOARD OF DIRECTORS

ROBERT E. ALVARADO
Division 1

JOE ESTES
Division 2

MARCO HENRIQUEZ
Division 3

KATHY MAC LAREN
Division 4

VINCENT DINO
Division 5

DENNIS LaMOREAUX
General Manager

ALESHIRE & WYNDER LLP
Attorneys



July 18, 2018

**AGENDA FOR REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF THE PALMDALE WATER DISTRICT
to be held at the District's office at 2029 East Avenue Q, Palmdale
MONDAY, JULY 23, 2018
6:00 p.m.**

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

Additionally, an interpreter will be made available to assist the public in making **comments** under Agenda Item No. 4 and any action items where public input is offered during the meeting if requested at least 48 hours before the meeting. Please call Dawn Deans at 661-947-4111 x1003 with your request. (PWD Rules and Regulations Section 4.03.1 (c))

Adicionalmente, un intérprete estará disponible para ayudar al público a hacer **comentarios** bajo la sección No. 4 en la agenda y cualquier elemento de acción donde se ofrece comentarios al público durante la reunión, siempre y cuando se solicite con 48 horas de anticipación de la junta directiva. Por favor de llamar Dawn Deans al 661-947-4111 x1003 con su solicitud. (PWD reglas y reglamentos sección 4.03.1 (c))

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

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

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

- 1) Pledge of Allegiance/Moment of Silence.
- 2) Roll Call.
- 3) Adoption of Agenda.

- 4) Public comments for non-agenda items.
- 5) Presentations:
 - 5.1) None at this time.
- 6) Action Items - Consent Calendar (The public shall have an opportunity to comment on any action item on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.)
 - 6.1) Approval of minutes of regular meeting held July 9, 2018.
 - 6.2) Payment of bills for July 23, 2018.
 - 6.3) Approval of 2018 Amended and Restated Memorandum of Understanding (MOU) for the Antelope Valley Regional Water Management Group IRWMP Cost Sharing. (\$63,692.00 – Budgeted – Engineering/Grant Manager Riley)
 - 6.4) Approval of First Amendment to Agreement No. A-4089 between the City of Palmdale, Antelope Valley-East Kern Water Agency, Palmdale Water District, and Los Angeles County Waterworks District No. 40 Antelope Valley for the Design, Construction, Operation and Maintenance of the Upper Amargosa Creek Flood Control Recharge and Habitat Restoration Project. (No Budget Impact – Budgeted – General Manager LaMoreaux)
- 7) Action Items – Action Calendar (The public shall have an opportunity to comment on any action item as each item is considered by the Board of Directors prior to action being taken.)
 - 7.1) Consideration and possible action on adoption of Resolution No. 18-6 being a Resolution of the Board of Directors of the Palmdale Water District in Support of Proposition 3 – The Water Supply and Water Quality Act of 2018. (No Budget Impact – Water and Energy Resources Director Pernula)
 - 7.2) Consideration and possible action on District participation at the 2018 Antelope Valley Fair. (\$10,00.00 - \$15,000.00 – Non-Budgeted – Ad Hoc Antelope Valley Fair Committee-Director Mac Laren/Director Estes/General Manager LaMoreaux)
 - 7.3) Consideration and possible action on outreach activities for 2018. (Public Affairs Director Shay)
 - a) Update on 100th year anniversary events.
 - b) Outreach plans for 2018.
 - c) Update on PWD Water Ambassadors Academy.
 - d) Upcoming events.
 - e) Outreach recommendations from Directors.
 - 7.4) Consideration and possible action on authorization of the following conferences, seminars, and training sessions for Board and staff attendance within budget amounts previously approved in the 2018 Budget:
 - a) None at this time.

- 8) Information Items:
 - 8.1) Reports of Directors:
 - a) Meetings/General Report.
 - b) Standing Committee/Assignment Reports (Chair):
 - 1) Palmdale Recycled Water Authority
 - 2) Finance Committee
 - 3) Antelope Valley State Water Contractors Association.
 - 8.2) Report of General Manager.
 - a) July 2018 written report of activities through June 2018.
 - 8.3) Report of General Counsel.
- 9) Public comments on closed session agenda matters.
- 10) Break prior to closed session.
- 11) Closed session under:
 - 11.1) Conference with Legal Counsel – Existing Litigation: A closed session will be held, pursuant to Government Code §54956.9 (d)(1), to confer with Special Litigation Counsel regarding existing litigation to which the District is a party. The title of such litigation is as follows: *Antelope Valley Ground Water Cases*.
- 12) Public report of any action taken in closed session.
- 13) Board members' requests for future agenda items.
- 14) Adjournment.



DENNIS D. LaMOREAUX,
General Manager

DDL/dd

P A L M D A L E W A T E R D I S T R I C T
B O A R D M E M O R A N D U M

DATE: July 16, 2018 **July 23, 2018**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Mr. Jim Riley, Engineering/Grant Manager
VIA: Mr. Dennis D. LaMoreaux, General Manager
RE: ***AGENDA ITEM NO. 6.3 – APPROVAL OF 2018 AMENDED AND RESTATED MEMORANDUM OF UNDERSTANDING (MOU) FOR THE ANTELOPE VALLEY REGIONAL WATER MANAGEMENT GROUP IRWMP COST SHARING. (\$63,692.00 – BUDGETED – ENGINEERING/GRA NT MANAGER RILEY)***

Recommendation:

Staff recommends the Board approve the 2018 Amended and Restated Memorandum of Understanding (MOU) for the Antelope Valley Regional Water Management Group IRWMP cost sharing.

Alternative Options:

The Board could not approve the Agreement; however, there may be grant funds available through the IRWMP group for the District's projects.

Impact of Taking No Action:

The District could lose out on grant funding for several projects.

Background:

The District became involved in the Regional Water Management Group in 2007 to pursue grant funding and facilitate implementation of the Integrated Regional Water Management Plan (IRWMP), which was adopted by the District in 2008. A full update of the IRWMP is needed to identify Antelope Valley Region water management issues, update current supply and demand projections, and comply with Department of Water Resources guidelines for grant eligibility. The attached MOU sets forth the funding to be provided by each of the 11 parties of the Regional Water Management Group for this update.

Included in the IRWMP is a list of water-related projects for our area eligible for grant funding. This list includes three of the District's projects being the Littlerock Sediment Removal Project, the Palmdale Regional Groundwater Recharge and Recovery Project, and the construction of recycled water mains.

Strategic Plan Initiative/Mission Statement:

This item is under Strategic Initiative No. 1 – Water Resource Reliability.
This item directly relates to the District's Mission Statement.

Budget:

This is a budgeted item.

Supporting Documents:

- Amended and Restated Memorandum of Understanding Antelope Valley Regional Water Management Group IRWMP Cost Sharing

**AMENDED AND RESTATED
MEMORANDUM OF UNDERSTANDING
(Antelope Valley Regional Water Management Group IRWMP Cost Sharing)**

This Amended and Restated Memorandum of Understanding (“**Amended and Restated MOU**”) is entered into as of _____, 2018 (the “**Effective Date**”) and is between the following parties:

Antelope Valley-East Kern Water Agency;
Palmdale Water District;
Quartz Hill Water District;
Littlerock Creek Irrigation District;
Antelope Valley State Water Contractors Association (the “**Association**”);
City of Palmdale;
City of Lancaster;
County Sanitation District No. 14 of Los Angeles County;
County Sanitation District No. 20 of Los Angeles County;
Rosamond Community Services District; and
Los Angeles County Waterworks District No. 40, Antelope Valley (“**Waterworks District 40**”).

Each of these parties is referred to individually as “**Party**” and together as the “**Parties**.”

A. The *Integrated Regional Water Management Planning Act of 2002* (the “**Act**”), California Water Code section 10530 and 10531, et seq., establishes the State of California’s policy to encourage local agencies to work cooperatively to manage their available local and imported water supplies to improve the quality, quantity, and reliability of those supplies.

B. On or about January 9, 2007, the Parties entered into a *Memorandum of Understanding* (“**2007 MOU**”) to provide for the preparation of an Integrated Regional Water Management Plan (“**IRWMP**” or “**Plan**”) pursuant to the Act.

C. On or about April 7, 2009, the Parties entered an *Agreement on the Implementation of the Integrated Regional Water Management Plan* (“**RWMG Agreement**”) and established a new Regional Water Management Group (“**RWMG**”) under the Act for the Antelope Valley Region (“**Region**”), to pursue grant funding and facilitate implementation of the IRWMP for the Region. The RWMG Agreement formally established the relationship between the Parties in order to qualify the Region to apply for state grant funds under the Department of Water Resources (“**DWR**”) California State Integrated Regional Water Management Grant Program (“**Grant Program**”).

D. The 2007 MOU by its own terms may be amended with the approval of all Parties to continue to update the IRWMP through January 8, 2027.

E. The DWR amended the Grant Program Guidelines in 2016 (“**2016 Guidelines**”). In order to be eligible for the first round of 2018 Proposition 1 funding, the RWMG must update the Plan to comply with the 2016 Guidelines. The City of Palmdale has, on behalf of the RWMG, retained a consultant to prepare a “**Mini Update**” of the Plan to comply with the 2016 Guidelines.

F. The RWMG also intends to prepare a full update to the IRWMP (the “**Full Update**”). The Full Update will identify Antelope Valley Region water management issues and bring current supply and demand projections, and otherwise comply with DWR guidelines for grant eligibility. The Association has offered to retain a consultant to prepare the Full Update on behalf of the RWMG.

G. This Amended and Restated MOU is intended to set forth the amount of new funding to be provided by each Party for the updates to the Plan. Each Party’s contribution is based on its share of expenses under the 2007 MOU. Each Party’s contribution is set forth in Exhibit 1, which is attached hereto and incorporated herein as though set forth in its entirety.

H. The Parties also intend by this Amended and Restated MOU to provide for the City of Palmdale to pay the initial consultant costs (subject to reimbursement by the other Parties as accounted for by the Association) for the Mini Update; to substitute the Association for Waterworks District 40 with regards to the hiring of a consultant to prepare the Full Update, and to set out the expectations of each of the Parties with respect to information submittal and document review in support of the IRWMP updates.

The Parties therefore agree as follows:

1. **Administration of Plan Updates.** Except for the Mini Update payments described in Section 2, the Association shall have primary responsibility for coordinating RWMG Plan updates and managing funds under this MOU, including:

1. Administering a consultant contract for the Full Update. This will include preparing a request for proposals, evaluating consultant proposals, awarding a consultant contract, and overseeing the consultant’s services. The Association shall retain the consultant under a Professional Services Agreement substantially similar to Exhibit 3, which is attached hereto and incorporated herein as though set forth in its entirety.

2. For both the Mini Update and the Full Update, providing each Party with copies of the draft and final versions of technical reports and the draft Plan within seven calendar days after the date of receipt of those documents from the consultant. The Association shall transmit comments to the consultant within seven calendar days after the date of receipt of comments from each Party.

3. After a consultant incorporates comments from the Parties into the Draft Plan, making the Draft Plan available for public review, as required by law.

4. Preparing a final accounting (the “**Accounting**”) of all final actual consultant costs upon completion of the Mini Plan or the adopted Full Plan for review by all other Parties.

5. Refunding excess funds to the Parties within 60 days after completion of the Plan if the funds deposited with the Association exceed the consultant's costs, based upon the Accounting. The excess funds will be refunded to the Parties in proportion to their contribution towards the consultant costs in Exhibit 1, which is attached hereto and incorporated herein as though set forth in its entirety.

2. **Mini Update.** The Association is primarily responsible for managing funds under this MOU, but the City of Palmdale shall be initially responsible for paying the consultant’s costs associated with the Mini Update, with the understanding that the costs incurred will be reimbursed, less the City of

Palmdale's share, by the Association within 90 days of signing this Amended and Restated MOU. The Association will reimburse costs to the City of Palmdale with the funds contributed by the Parties' as set forth in Section 3.D and 3.E. Each Party's contribution is set forth in Exhibit 1.

3. **Joint Duties of the Parties.** Each of the Parties shall perform the duties set forth in this Section 3.

A. **Information Sharing:** Each Party will make reasonable efforts to provide and share all necessary and relevant information, data, studies, and/or documentation for the Plan in that Party's possession as may be requested by the consultant within 30 calendar days after the consultant's request. The Parties acknowledge that if the information, data, studies, and/or documentation is not provided within 30 days after the consultant's request, then it may not be incorporated in the Plan due to time constraints.

B. **Comments on Reports and Plan:** Each Party shall review and comment on the draft and final versions of technical reports and the draft Plan ("Final Review Documents") within 21 calendar days after the date of their receipt of the Final Review Documents from the Association. The Parties acknowledge that if their comments are not provided within 21 calendar days of their receipt of the Final Review Documents, then the comments may not be incorporated into the Full Update due to time constraints.

C. **Presentation to Governing Body:** Each Party will present the Full Update to its governing body for consideration and adoption within 45 calendar days (or 90 calendar days for Waterworks District 40) after the date of receipt of the Full Update from the Association. Any approval will be done by way of resolution in a form substantially similar to Exhibit 2, which is attached hereto and incorporated herein as though set forth in its entirety.

D. **Cost Contribution:** Each Party shall pay to the Association the amount set forth in Exhibit 1 for the consultant costs, subject to the provisions of Section 5.B. below.

E. **Payment:** Each Party shall deposit with the Association its contribution in the amount set forth in Exhibit 1 within 30 calendar days after execution of this Amended and Restated MOU.

F. **Grant Applications:** The Parties will prepare and review future grant applications for implementation of the Full Update.

4. **Waterworks District 40's Additional Duties.** Waterworks District 40 shall facilitate stakeholder meetings.

5. **Full Update Implementation.**

A. **Plan Adoption:** If the governing body of each Party does not adopt the Full Update within 45 calendar days (or 90 days for Waterworks District 40) after the date of receipt of the Full Update, then that action or inaction will constitute withdrawal from the RWMG. A Party that withdraws from the RWMG may be reinstated if and when the Party adopts the Full Update and agrees to any further additions and/or amendments to the Amended and Restated MOU.

B. Additional Costs: If the consultant costs exceed the funds deposited with the Association, then the Parties will supplement this Amended and Restated MOU to fund the additional portion of the consultant costs in excess of the funds deposited with the Association in proportion to the Parties' original contributions towards the consultant costs.

6. General Provisions

A. Supersession. This Amended and Restated MOU supersedes and replaces the 2007 MOU. This Amended and Restated MOU is intended to be read in conjunction with the RWMG Agreement, but to the extent of any conflict with the RWMG Agreement, this Amended and Restated MOU will govern.

B. MOU Amendments: This Amended and Restated MOU may be amended or modified only by mutual written consent of all Parties.

C. Expiration: This MOU is effective until January 8, 2027, unless otherwise amended or modified as set forth in Section 6. B.

D. Severability: If any provision of this Amended and Restated MOU is held, determined or adjudicated to be illegal, void, or unenforceable by a court of competent jurisdiction, the remainder of this Amended and Restated MOU shall be given effect to the fullest extent possible.

E. Notice:

1. Any correspondence, communication, or contact concerning this Amended and Restated MOU shall be directed to the contacts attached in Exhibit 4, which is attached hereto and incorporated herein as though set forth in its entirety.

2. Any Party may change its contact information by providing notice, in the manner set forth in Section 6.E.3, to all other Parties.

3. Notice will be deemed given upon personal delivery, five days after deposit in U.S. Mail (first class postage prepaid), or on the day of overnight delivery by a nationally-recognized carrier.

F. Authorized Agents: Each person signing this Amended and Restated MOU represents to have the necessary power and authority to bind the entity on behalf of which said person is signing and each of the other Parties can rely on that representation.

G. Execution: This Amended and Restated MOU may be executed in counterparts, each counterpart being an integral part of this Amended and Restated MOU.

The Parties are each signing this Amended and Restated MOU as of the date set forth opposite the signature below.

DATE: _____

PALMDALE WATER DISTRICT

By: _____

Print Name: VINCENT DINO

Title: President, Board of Directors

ATTEST:

JOE ESTES/Secretary, Board of Directors

APPROVED AS TO FORM:

By: _____
ERIC DUNN, Esq., Aleshire & Wynder

EXHIBIT 1

Integrated Regional Water Management Group Cost Allocation

Party	Percent Share by Party from the 2007 MOU	Contribution for IRWMP Updates
		Total
Antelope Valley-East Kern Water Agency	15.3846%	\$53,077
Palmdale Water District	18.4615%	\$63,692
Quartz Hill Water District	1.5385%	\$5,308
Littlerock Creek Irrigation District	1.5385%	\$5,308
Antelope Valley State Water Contractors Association*		\$0
City of Palmdale	15.3846%	\$53,077
City of Lancaster	13.8461%	\$47,769
County Sanitation District No. 14 of LA County	6.9231%	\$23,885
County Sanitation District No. 20 of LA County	6.9231%	\$23,885
Rosamond Community Services District	1.5385%	\$5,308
LA County Waterworks District No. 40	18.4615%	\$63,692
TOTAL	100%	\$345,000

* The Antelope Valley State Water Contractor's Association is a joint powers authority comprised of Antelope Valley-East Kern Water Agency, Littlerock Creek Irrigation District, and Palmdale Water District. Because the Association's members are also members of the RWMG, the Association will contribute \$0, and will have no share of any overage costs.

EXHIBIT 2

**PALMDALE WATER DISTRICT
RESOLUTION 08-1**

**RESOLUTION OF THE GOVERNING BOARD OF THE PALMDALE
WATER DISTRICT APPROVING THE PREPARATION OF AND
ADOPTING AN INTEGRATED REGIONAL WATER MANAGEMENT
PLAN FOR THE ANTELOPE VALLEY**

WHEREAS, the California Water Code Division 6, Part 2.2, known as the Integrated Regional Water Management Planning Act of 2002, hereinafter referred to as "ACT," provides the framework for preparation and adoption of integrated regional water management plans; and

WHEREAS, the Antelope Valley-East Kern Water Agency; Palmdale Water District; Quartz Hill Water District; Littlerock Creek Irrigation District; Antelope Valley State Water Contractors Association; City of Palmdale; City of Lancaster; County Sanitation District No. 14 of Los Angeles County; County Sanitation District No. 20 of Los Angeles County; Rosamond Community Services District; and Los Angeles County Waterworks District No. 40; Antelope Valley, have established a Regional Water Management Group by means of a Memorandum of Understanding in accordance with the ACT; and

WHEREAS, the Regional Water Management Group collaboratively prepared an Integrated Regional Water Management Plan, hereinafter referred to as "PLAN," that meets the requirements of the ACT; and

WHEREAS, the Regional Water Management Group solicited and incorporated input from all interested stakeholders in preparation of the PLAN; and

WHEREAS, the adoption of the PLAN is intended to improve the Antelope Valley's competitiveness for State and Federal funding, including grants from Propositions 50, 84, and 1E for all members of the Regional Water Management Group; and

WHEREAS, the adoption of the PLAN is exempt from the California Environmental Quality Act under section 15262 of the guidelines as a project involving only feasibility or planning studies for possible future actions; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Palmdale Water District does hereby:

1. Propose to adopt an Integrated Regional Water Management Plan for the Antelope Valley as a member of the Regional Water Management Group; and
2. Determine to adopt and adopt an Integrated Regional Water Management Plan for the Antelope Valley as a member of the Regional Water Management Group.

PASSED AND ADOPTED on this 23rd day of January, 2008, by the Board of Directors, the governing body of the Palmdale Water District.


PALMDALE WATER DISTRICT



Richard D. Wells,
President

ATTEST: JEFF A. STORM

Assistant Secretary:



**PALMDALE WATER DISTRICT
RESOLUTION 08-2**

**RESOLUTION OF THE GOVERNING BOARD OF THE PALMDALE
WATER DISTRICT APPROVING THE PREPARATION OF AND
ADOPTING A GROUNDWATER MANAGEMENT PLAN FOR THE
ANTELOPE VALLEY**

WHEREAS, the California Water Code Division 6, Part 2.75, known as the Groundwater Management Planning Act, hereinafter referred to as "ACT," provides the framework for preparation and adoption of groundwater management plans in the State; and

WHEREAS, the Antelope Valley-East Kern Water Agency; Palmdale Water District; Quartz Hill Water District; Littlerock Creek Irrigation District; Antelope Valley State Water Contractors Association; City of Palmdale; City of Lancaster; County Sanitation District No. 14 of Los Angeles County; County Sanitation District No. 20 of Los Angeles County; Rosamond Community Services District; and Los Angeles County Waterworks District No. 40; Antelope Valley, have established a Regional Water Management Group by means of a Memorandum of Understanding in accordance with the ACT; and

WHEREAS, the Regional Water Management Group collaboratively prepared a Groundwater Management Plan for the Antelope Valley, hereinafter referred to as "PLAN," that meets the requirements of the ACT; and

WHEREAS, the Regional Water Management Group solicited and incorporated input from all interested stakeholders in preparation of the PLAN; and

WHEREAS, the adoption of the PLAN is intended to improve the Antelope Valley's competitiveness for State and Federal funding, including grants from Propositions 50, 84, and 1E for all members of the Regional Water Management Group; and

WHEREAS, the adoption of the PLAN is exempt from the California Environmental Quality Act under section 15262 of the guidelines as a project involving only feasibility or planning studies for possible future actions; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Palmdale Water District does hereby:

1. Determine to adopt and adopt a Groundwater Management Plan for the Antelope Valley as a member of the Regional Water Management Group.

PASSED AND ADOPTED on this 23rd day of January, 2008, by the Board of Directors, the governing body of the Palmdale Water District.

PALMDALE WATER DISTRICT



Richard D. Wells,
President

ATTEST: JEFF A. STORM

Assistant Secretary:

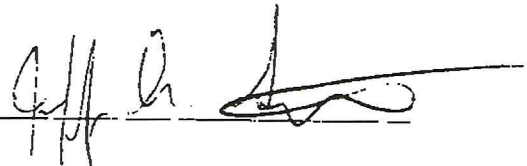


EXHIBIT 3
Form of Professional Services Agreement

PROFESSIONAL SERVICES AGREEMENT

Advice and Assistance to the Advisory Team regarding Antelope Valley Integrated Regional Water Management Plan Grant Application Activities

As of 9/9/2010, ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION, ("Association") and RMC WATER & ENVIRONMENT ("Consultant") agree as follows:

1. Purpose.

Association requires professional consulting services in conjunction with the preparation of a grant application for planning grant funds in connection with the Antelope Valley Integrated Regional Water Management Plan. Consultant has demonstrated expertise in various aspects of the preparation of planning grant applications for integrated regional water management plans and is qualified to provide the professional services required by Association on behalf of the Leadership Team of the Antelope Valley Integrated Regional Water Management Plan. The parties desire to enter into the following contract for such services.

2. Scope of Services.

Association retains Consultant to perform the professional services described in Exhibit A. Consultant agrees to perform such services in a timely and professional manner and with due diligence and in compliance with the industry's standards and engineering practices.

The Project Manager for Consultant shall be Tom West, who shall manage and direct the technical effort of Consultant and be the Consultant's liaison with the Association.

3. Compensation.

Consultant shall be paid at the rates specified in Exhibit "B", attached hereto.

4. Insurance and Indemnity.

(a) Consultant shall procure and maintain at all times during this Agreement: (a) statutory Workers' Compensation Insurance coverage together with employer's liability coverage of \$1 Million, (b) General Liability Insurance (insuring against bodily injury and property damage) with a minimum coverage of \$1 Million for each occurrence and a \$2 Million aggregate, and naming the Association as an additional insured, (c) Automobile Liability Insurance with a minimum coverage of \$1 Million per accident for bodily injury and property damage, and (d) Professional Liability Insurance with a minimum coverage of \$1 Million per claim and annual aggregate.

Before performing work, Consultant shall furnish certificates of insurance evidencing the following: the policy or policies of insurance shall contain a contractual liability endorsement covering the liability assumed by the Consultant by this Agreement. The insurance policy (or policies) shall be furnished at the Consultant's expense, in a form and with insurance companies authorized to do business and having an agent for service of process in California and have an "A-" policyholder's rating and a financial rating of at least Class VII in accordance with the most recent Best's Insurance Guide, or as otherwise approved by the Association. If Best's is no longer published, comparable ratings must be provided from a service acceptable to Association. Such insurance policies shall have provisions providing that the insurance shall be considered primary as to Consultant's services with respect to any policies of insurance maintained by Association. The policy(ies) shall also contain provisions stating coverage cannot be reduced or canceled without giving Association thirty (30) days prior written notice.

- (b) Consultant shall indemnify and hold harmless the Association, its elected Board, appointed officers, agents, and employees from and against any and all claims, demands, costs, expenses, losses, or liabilities in law or in equity, including, but not limited to damages for injury to or death of any person and attorney fees and court costs, and damages to or destruction of property of any person, arising out of:
 - a. The wrongful misconduct or negligent acts, errors or omissions of Consultant, so long as such claims, demands, costs, expenses, losses or liabilities do not result from the sole negligence or willful misconduct of Association or any of its directors, officers, employees, agents, or volunteers, provided that if such claims, demands, costs, expenses, losses or liabilities arise from the negligence of the Association or any of its directors, officers, employees, agents or volunteers (other than its or their sole negligence), then Consultant's obligation hereunder shall be allocated in accordance with comparative negligence principles under California law;
 - b. The violation of governmental laws or regulations, compliance with which is the responsibility of the Consultant.

5. Termination.

Association may terminate this Agreement upon five (5) days written notice to Consultant. In the event of such termination, Association shall compensate Consultant through the notice date for services actually performed hereunder in accordance with the rates set forth in Exhibit B, but in no event shall Association be obligated to pay more than the maximum compensation set forth in Exhibit B.

6. Other.

(a) This Agreement shall not be assigned by Consultant without the written consent of Association. Association may withhold consent to assignment in its absolute discretion.

(b) Consultant shall procure, at its expense, permits required by governmental authorities for the work described above and shall comply with applicable local, state and federal regulations and statutes including Cal-OSHA requirements.

(c) Consultant shall not discriminate against any employee or applicant for employment because of race, sex (including pregnancy, childbirth or related medical condition), creed, national origin, color, disability as defined by law, disabled veteran status, Vietnam veteran status, religion, age, medical condition, marital status, ancestry, or sexual orientation.

(d) Association will make available to Consultant such materials from its files as may be required by Consultant to perform these services. Such materials shall remain the property of the Association while in Consultant's possession. Upon termination of the Agreement or completion of work under the Agreement, Consultant shall return Association property or materials in its possession and calculations, notes, reports, electronic files or other materials prepared by Consultant in the performance of these services.


(e) Consultant shall not make public information releases or otherwise publish any information obtained or produced by it as a result of, or in connection with, the performance of services under the Agreement without prior written consent of the Association.

(f) If an action or proceeding is brought by either party to enforce any term or provision of this Agreement, the prevailing party shall recover its reasonable attorneys' fees and costs.

(g) At all times during the term of this Agreement, Consultant shall be deemed to be an independent contractor and not an employee of Association.

The parties hereto have caused this Agreement to be duly executed by its authorized officers.

**AV STATE WATER CONTRACTORS
ASSOCIATION**

By 
Its: GENERAL MANAGER

Date 09/09/2010

RMC WATER & ENVIRONMENT

By 
Its: THOMAS WEST, VICE PRESIDENT

Date 9-9-2010

SCOPE OF SERVICES

ADVISE AND ASSIST THE LEADERSHIP TEAM REGARDING ANTELOPE VALLEY IRWMP GRANT APPLICATION ACTIVITIES

RMC will prepare the Planning Grant Application in accordance with DWR's application submittal guidelines, using information developed from the RAP Submittal and input from the Antelope Valley Regional Water Management Group (AVRWMG). RMC will also assist the AVRWMG in preparing for funding discussions with DWR staff. This task will include, but not be limited to:

- Coordinating, organizing, and participating in meetings and/or conference calls with the AVRWMG, Antelope Valley Advisory Team, and State agencies in order to solicit input and ensure grant application compliance.
- Preparing and maintaining a project schedule noting key project milestones, meetings, and deadlines to ensure timely submittal of the grant application and for stakeholder outreach purposes;
- Compiling and producing all data and information needed for grant application submittal; facilitating input to the work plan from necessary parties;
- Preparing and providing electronic draft copies of the Planning Grant Application to the AVRWMG for review;
- Submitting a final, revised copy of the Planning Grant Application to the Project Manager prior to final document production and submittal to the state agencies;

Deliverables:

- Draft and final Planning Grant Application.

Schedule:

All work will be completed by September 28, 2010 (deadline for submitting the planning grant application to DWR).

Assumptions: RMC will submit draft and final applications in electronic format (.PDF). Production of hard copy versions will be done by the AVRWMG as well as uploading the grant application to DWR's Bond Management System (BMS).

CONSULTANT COMPENSATION

PAYMENT

Consultant shall submit monthly invoices based on Consultant's estimate of the proportion of total services actually completed at the time of billing. Aggregate of monthly invoices shall not exceed Lump Sum amount of Seventeen Thousand Three Hundred Seventy Nine Dollars (\$17,349.00) unless authorized in writing by the Association. Association will pay invoices within thirty (30) days of receipt.

PAYMENT OF INVOICES

Invoices for work performed will be submitted to the Advisory Team for confirmation of work performed and product delivered. With the approval of the Advisory Team, the invoice(s) will then be forwarded to AVSWCA for payment. Initially, invoices will be submitted to the Advisory Team, Attention: David Rydman (care of Los Angeles County Waterworks District No. 40). In his capacity as "Primary Contact for the Leadership Team," Mr. Rydman will coordinate with the full Advisory Team to give approval to pay invoices that may be received.

EXHIBIT 4
Integrated Regional Water Management Group Contacts

1) ANTELOPE VALLEY-EAST KERN WATER AGENCY:

Mr. Dwayne Chisam
General Manager
6500 West Avenue N
Palmdale, CA 93551

2) PALMDALE WATER DISTRICT:

Mr. Dennis LaMoreaux
General Manager
2029 East Avenue Q
Palmdale, CA 93550

3) QUARTZ HILL WATER DISTRICT:

Mr. Chad Reed
General Manager
42141 50th Street West
Quartz Hill, CA 93536

4) LITTLEROCK CREEK IRRIGATION DISTRICT:

Mr. James Chaisson
General Manager
35141 North 87th Street East
Littlerock, CA 93543

5) ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION:

Ms. Barbara Hogan
Chairperson
c/o Palmdale Water District
2029 East Avenue Q
Palmdale, CA 93550

6) CITY OF PALMDALE:

Mr. Chuck Heffernan
Public Works Director
38250 Sierra Highway
Palmdale, CA 93550

7) CITY OF LANCASTER:

Mr. Jeff Hogan
Director of Development Services
City of Lancaster
44933 Fern Avenue
Lancaster, CA 93534

8) COUNTY SANITATION DISTRICT NO. 14 OF LOS ANGELES COUNTY:

Ms. Grace Robinson Hyde
Chief Engineer and General Manager
County Sanitation Districts of Los Angeles County
1955 Workman Mill Road
Whittier, CA 90601

9) COUNTY SANITATION DISTRICT NO. 20 OF LOS ANGELES COUNTY:

Ms. Grace Robinson Hyde
Chief Engineer and General Manager
County Sanitation Districts of Los Angeles County
1955 Workman Mill Road
Whittier, CA 90601

10) ROSAMOND COMMUNITY SERVICES DISTRICT:

Mr. Ronald Smith
General Manager
3179 35th Street
Rosamond, CA 93560

11) WATERWORKS DISTRICT 40:

Mr. Adam Arika
Assistant Deputy Director
County of Los Angeles - Department of Public Works
Waterworks Division
P.O. Box 1460
Alhambra, CA 91802-1460

P A L M D A L E W A T E R D I S T R I C T
B O A R D M E M O R A N D U M

DATE: July 17, 2018 **July 23, 2018**
TO: BOARD OF DIRECTORS **Regular Board Meeting**
FROM: Mr. Jim Riley, Engineering/Grant Manager
VIA: Mr. Dennis D. LaMoreaux, General Manager
RE: ***AGENDA ITEM NO. 6.4 – APPROVAL OF FIRST AMENDMENT TO AGREEMENT NO. A-4089 BETWEEN THE CITY OF PALMDALE, ANTELOPE VALLEY-EAST KERN WATER AGENCY, PALMDALE WATER DISTRICT, AND LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40 ANTELOPE VALLEY FOR THE DESIGN, CONSTRUCTION, OPERATION AND MAINTENANCE OF THE UPPER AMARGOSA CREEK FLOOD CONTROL RECHARGE AND HABITAT RESTORATION PROJECT. (NO BUDGET IMPACT – BUDGETED – GENERAL MANAGER LAMOREAUX)***

Recommendation:

Staff recommends the Board approve the First Amendment to Agreement No. A-4089 between the City of Palmdale, Antelope Valley-East Kern Water Agency, Palmdale Water District, and Los Angeles County Waterworks District No. 40 Antelope Valley for the Design, Construction, Operation and Maintenance of the Upper Amargosa Creek Flood Control Recharge and Habitat Restoration Project.

Alternative Options:

The Board could not approve the First Amendment.

Impact of Taking No Action:

The Palmdale Cooperative Agreement for construction of the Upper Amargosa Creek Flood Control Recharge and Habitat Restoration Project will expire.

Background:

The District entered into an Agreement in 2013 with the City of Palmdale, the Antelope Valley-East Kern Water Agency, the Palmdale Water District, and Los Angeles County Waterworks District No. 40 Antelope Valley for the design, construction, operation, and maintenance of the Upper Amargosa Creek Flood Control Recharge and Habitat Restoration Project and committed through that Agreement to fund \$1,250,000.00 as the District's share of the Project cost.

The Agreement provided for a five-year time limit for the construction of the Project, and the parties to the Agreement have agreed that additional time is needed for this construction. The First Amendment provides for a ten-year construction period for the Project with all other provisions of the 2013 Agreement remaining unchanged.

Strategic Plan Initiative/Mission Statement:

This item is under Strategic Initiative No. 1 – Water Resource Reliability.
This item directly relates to the District’s Mission Statement.

Budget:

The District’s contribution towards this Project is budgeted.

Supporting Documents:

- First Amendment to Agreement No. A-4089 Between the City of Palmdale, Antelope Valley-East Kern Water Agency, Palmdale Water District, and Los Angeles County Waterworks District No. 40 Antelope Valley for the Design, Construction, Operation and Maintenance of the Upper Amargosa Creek Flood Control Recharge and Habitat Restoration Project.

FIRST AMENDMENT TO AGREEMENT NO. A-4089 BETWEEN THE CITY OF PALMDALE, ANTELOPE VALLEY-EAST KERN WATER AGENCY, PALMDALE WATER DISTRICT, AND LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40 ANTELOPE VALLEY, FOR THE DESIGN, CONSTRUCTION, OPERATION AND MAINTENANCE OF THE UPPER AMARGOSA CREEK FLOOD CONTROL, RECHARGE AND HABITAT RESTORATION PROJECT

This First Amendment to Agreement No. A-4089 between the City of Palmdale ("City"), Antelope Valley-East Kern Water Agency ("AVEK"), Palmdale Water District ("PWD"), and Los Angeles County Waterworks District No. 40, Antelope Valley ("Waterworks"), and collectively hereinafter referenced as the "Parties" is made and entered into this 7th Day of August, 2018.

WHEREAS the Palmdale Cooperative Agreement A-4089 ("Agreement") was entered into on December 4, 2013 by the Parties for the design, construction, operation and maintenance of the Upper Amargosa Creek Flood Control, Recharge and Habitat Restoration Project; and

WHEREAS Section 7 of the Agreement provides for a five (5) year time limit for the construction of the Upper Amargosa Creek Flood Control, Recharge, and Habitat Restoration Project ("Project");

WHEREAS The Parties agree that more time is required for the construction of the Project;

WHEREAS Section 6(w) of the Agreement provides that the Agreement may be amended by written unanimous consent of the Parties.

NOW, THEREFORE The Parties hereby agree as follows:

1. Section 7 of the Agreement is hereby amended to allow for a ten (10) year construction period for the Project, by substituting "ten (10)" in place of the existing language of "five (5)" in the first full sentence, and
2. That all other provisions in the Agreement remain in full force and effect, and
- 3, That Amendment No. 1 to the Agreement No A-4089 may be signed in counter parts.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 1 to the Cooperative Agreement A-4089 be executed by their respective officers, duly authorized, by City of Palmdale; and

CITY OF PALMDALE:

James C. Ledford Date
Mayor

ADDRESS FOR NOTICE

City of Palmdale
38300 Sierra Highway
Palmdale, California 93550

APPROVE AS TO FORM

Wm. Matthew Ditzhazy
City Attorney

ATTEST:

Rebecca J. Smith
City Clerk

IN WITNESS WHEREOF, the parties hereto have caused this Cooperative Agreement Amendment No. 1 to be executed by their respective officers, duly authorized, by Palmdale Water District; and

Palmdale Water District:

By _____
Dennis LaMoreaux
General Manager
Palmdale Water District

APPROVED AS TO FORM:

By _____
Thomas S. Bunn III
District Counsel

IN WITNESS WHEREOF, the parties hereto have caused this Cooperative Agreement Amendment No. 1 to be executed by their respective officers, duly authorized, by Antelope Valley-East Kern Water Agency; and

Antelope Valley-East Kern Water Agency:

By _____
Dwayne Chisam
General Manager
Antelope Valley-East Kern
Water Agency

APPROVED AS TO FORM:

By _____
Bill Brunick
Agency Counsel

IN WITNESS WHEREOF, the parties hereto have caused this Cooperative Agreement Amendment No. 1 to be executed by their respective officers, duly authorized, by Los Angeles County Waterworks District No. 40.

Los Angeles County Waterworks
District No. 40:

By _____
Mark Pestrella
Director of Public Works,
Los Angeles County

APPROVED AS TO FORM:

County Counsel

By _____
Michael L. Moore
Principal Deputy County
Counsel

**PALMDALE WATER DISTRICT
BOARD MEMORANDUM**

DATE: July 17, 2018 **July 23, 2018**
TO: BOARD OF DIRECTORS **Regular Board Meeting**
FROM: Mr. Jon Pernula, Water and Energy Resources Director
VIA: Mr. Dennis D. LaMoreaux, General Manager
RE: ***AGENDA ITEM NO. 7.1 – CONSIDERATION AND POSSIBLE ACTION ON ADOPTION OF RESOLUTION NO. 18-6 BEING A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT IN SUPPORT OF PROPOSITION 3 – THE WATER SUPPLY AND WATER QUALITY ACT OF 2018. (NO BUDGET IMPACT – WATER AND ENERGY RESOURCES DIRECTOR PERNULA)***

Recommendation:

Staff recommends the Board approve Resolution No. 18-6 being a Resolution of the Board of Directors of the Palmdale Water District in Support of Proposition 3 – The Water Supply and Water Quality Act of 2018.

Alternative Options:

The alternative is to not approve Resolution No. 18-6.

Impact of Taking No Action:

The District will not join other water districts and State Water Contractors in the support of Proposition 3.

Background:

The District has been asked to support Proposition 3 – The Water Supply and Water Quality Act of 2018. Proposition 3, if approved by the voters in November, would provide for 8.9 billion dollars to fund projects for water supply and quality, watershed restoration, fish and wildlife protection, sustainable groundwater management, infrastructure repair, and the repair of existing dams and canals. To date, 54 water districts and several State Water Contractors have endorsed Proposition 3.

Strategic Plan Initiative/Mission Statement:

This item is under Strategic Initiative No. 1 – Water Resource Reliability.
This item directly relates to the District’s Mission Statement.

Budget:

Adoption of Resolution No. 18-6 will have no impact on the budget.

Supporting Documents:

- Resolution No. 18-6
- Short Summary of Major Programs in Water Supply and Water Quality Bond Act of 2018
- Benefits for Southern California from Water Bond Initiative
- Potential Major Benefits of the Water Supply and Water Quality Bond Act Initiative for State Water Contractors
- Official Endorsement List for the Water Supply and Water Quality Act of 2018

**RESOLUTION NO. 18-6
A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE PALMDALE WATER DISTRICT
IN SUPPORT OF PROPOSITION 3 –
THE WATER SUPPLY AND WATER QUALITY ACT OF 2018**

WHEREAS, the state of California has been in varying stages of drought for the past several years and faces a growing list of challenges associated with aging infrastructure, climate change, population growth and other factors; and

WHEREAS, the Water Supply and Water Quality Act of 2018 will appear as Proposition 3 on the November 6 ballot and will benefit individual water users, the environment, and agriculture, will result in improved water supplies for every part of the state, and will provide much needed investment in California’s sustainable water future; and

WHEREAS, if approved by voters, Proposition 3 would make available \$8.9 billion dollars to fund projects for water supply and quality, watershed restoration, fish and wildlife protection, sustainable groundwater management, infrastructure repair, and the repair of existing dams and canals with \$500 million designated for safe drinking water for disadvantaged communities and \$640 million designated for sustainable groundwater management; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Palmdale Water District formally supports Proposition 3, the Water Supply and Water Quality Act of 2018 on the November ballot.

PASSED AND ADOPTED on this 23 day of July, 2018 by the Board of Directors of the Palmdale Water District.

PALMDALE WATER DISTRICT

VINCENT DINO, President

ATTEST:

JOE ESTES, Secretary

APPROVED AS TO FORM:

By: _____
Aleshire & Wynder, General Counsel

Short Summary of Major Programs in Water Supply and Water Quality Bond Act of 2018

Safe drinking water and wastewater treatment for disadvantaged communities. \$750 million. Provides safe drinking water and wastewater treatment for disadvantaged communities, especially in the Central Valley.

Wastewater recycling. \$400 million. Recycles wastewater mainly for landscaping and industrial uses

Groundwater desalination. \$400 million. Converts salty groundwater to usable water supply.

Urban water conservation. \$300 million. Leak detection, toilet replacement, landscape conversion.

Agricultural water conservation. \$50 million. Improves inefficient irrigation systems, increasing river flows

Central valley flood management, including flood plain restoration. \$100 million. Makes farms and communities more flood safe, and makes flood plains for habitat friendly. Additional \$50 million for retrofit of a reservoir (probably Bullard's Bar) for better flood management.

San Francisco Bay Wetlands and flood improvements. \$200 million. Improves wetlands in San Francisco Bay to provide flood protection and mitigate sea level rise.

Data management. \$60 million. Better data collection and management: streamflow, etc.

Stormwater management \$600 million for a variety of state agencies. Capture and treatment of stormwater flows improved river and ocean water quality and increasing water supplies

Watershed Improvement \$2355 million to a wide variety of state agencies. Pays for better management of watersheds throughout the state to improve water quality and water supply. Includes \$150 million for the Los Angeles River, as well as \$100 million for the Delta Conservancy, which helps fund the governor's Eco-Restore program. Includes \$80 million for the removal of Matilija Dam, a silted-in dam in Ventura County. \$200 million for ecological restoration and dust control at the Salton Sea. Watershed restoration after fires in the Sierra Nevada and elsewhere receives \$100 million. Funds state conservancies and state parks to better manage watersheds.

Land Management for Water Yield. \$100 million. Removal of invasive weeds which use excessive amounts of surface and groundwater such as tamarisk, yellow starthistle, and Arundo. Estimates of water savings are in excess of one million acre feet per year.

Fisheries restoration. \$400 million. Restoring fish habitat. Supplements necessary streamflows.

Groundwater. \$675 million. Implements the Sustainable Groundwater Management Act., stabilizing groundwater levels in overdraft groundwater basins.

Benefits for Southern California from Water Bond Initiative

Southern California Counties: Imperial, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, Ventura,

Safe Drinking Water and Wastewater treatment: \$750 million. There are several communities in Imperial and other Southern California counties that can apply for these funds.

Wastewater Recycling: \$400 million. Every county in Southern California will have a project eligible for these funds.

Groundwater Desalination: \$400 million. These funds will be especially useful in Riverside, San Bernardino, Ventura and other Southern California counties.

Water Conservation for urban areas: \$300 million. All Southern California counties will be eligible for these funds.

Water and Energy Technology program: \$15 million. Of great importance to help all water districts save energy and water.

Flood control reservoir repair: \$100 million. Corps of Engineers and other flood control reservoirs needing repair in Los Angeles, Riverside and other counties are eligible for these funds, which will allow increased water yield.

Improved water measurement and research: \$60 million. Every Southern California county will be eligible for these funds.

Stormwater management for water supply and water quality improvement: \$510 million. Of these funds, \$80 million are earmarked for Los Angeles County, and \$40 million for San Diego County. All southern California counties can compete for the State Water Resources Control Board allocation of \$400 million, and the coastal counties can compete for the \$40 million allocated to the Coastal Conservancy.

Intergrated Regional Water Management: \$5 million. All IRWM agencies can compete for these funds, to continue IRWM coordination.

Allocations to regional agencies for better watershed management:

Coastal Conservancy: \$135 million. San Diego, Orange, Los Angeles, Ventura, and Santa Barbara Counties eligible.

Los Angeles and San Gabriel River and Mountain Conservancy: \$60 million

Santa Monica Mountains Conservancy: \$60 million

Santa Ana River (Coastal Conservancy): \$30 million

Baldwin Hills Conservancy: \$30 million

San Diego River Conservancy: \$40 million

Coachella Valley and Mountains Conservancy \$25 million

River Parkways: \$70 million all Southern California counties eligible.

The following are in addition to the statewide allocation:

Santa Clara River (Coastal Conservancy) \$10 million

Tijuana River (Coastal Conservancy): \$10 million

San Diego Bay (Coastal Conservancy) \$15 million

Santa Margarita River (Coastal Conservancy): \$15 million

Los Angeles River (Equally divided by River and Mountain Conservancy and Santa Monica Mountains Conservancy): \$150 million

Natural Community Conservation Plan implementation: \$60 million. All Southern California counties eligible.

Wildlife Conservation Board: \$240 million. All Southern California Counties eligible.

State Parks watershed restoration and water systems: \$150 million. All Southern California Counties eligible.

Department of Conservation watershed restoration and ag land program \$60 million. All Southern California Counties eligible.

Ocean Protection \$100 million. San Diego, Orange, Los Angeles, Ventura and Santa Barbara counties eligible.

Salton Sea habitat and dust control \$200 million. This directly benefits Imperial, Riverside, San Bernardino, Los Angeles, and San Diego Counties due to the dust control elements.

Urban Streams \$50 million. All Southern California Counties eligible.

Urban Forestry \$20 million. All Southern California Counties eligible.

Non motorized river and lake access \$20 million. All Southern California Counties eligible.

Matilija Dam Removal \$80 million. Benefits Ventura County.

UC Natural Reserves \$25 million. All Southern California Counties eligible.

Sierra Nevada Conservancy fire and watershed mitigation \$50 million. Kern County eligible.

Cal Fire fire and watershed mitigation \$50 million. All Southern California Counties eligible.

Land management for water supply. \$100 million. All Southern California Counties eligible.

Conservation Corps \$40 million. All Southern California Counties eligible.

Sustainable Groundwater Management Act implementation \$640 million. There are a number of areas throughout Southern California that do not have adjudicated groundwater basins. All these areas would be eligible for funding in this category.

Borrego Groundwater stabilization \$35 million. San Diego County.

Waterfowl enhancement \$280 million. There are waterfowl areas in all Southern California Counties that would be eligible for these funds.

Friant Kern Canal restoration \$750 million. Kern County would be a major beneficiary of these funds.

Use of fees paid pursuant to AB 32 (greenhouse gas reduction) Fees currently paid by Metropolitan Water District, Kern County Water Agency and other southern California State Water Project contractors would be used for water and energy conservation projects within Southern California. This will amount to as much as \$50 million per year in future years.

There are additional funds which would be spent north of Southern California, but which would be of major benefit to Southern California. These include

Oroville Dam Repair \$200 million. To the extent that these costs end up falling on State Water Project contractors, 80% of these costs would fall on the Kern County Water Agency, Metropolitan Water District of Southern California and the other State Water Project contractors in Southern California.

Fisheries restoration \$1.15 billion. Export of water to Southern California from the Delta is restricted due to fish flow requirements, largely for rare and endangered species. Fisheries habitat restoration in tributaries to the Delta, and in the Delta itself, should increase populations of these fish, thus relieving pressure to reduce Delta exports.

Sierra Nevada Conservancy and Department of Forestry and Fire Protection. \$300 million. These funds will go to improving watershed health and water productivity of the watersheds which are the source of a third of Southern California's water.

Potential Major Benefits of the Water Supply and Water Quality Bond Act Initiative for State Water Contractors

The Bond act will appear on the November, 2018 California statewide ballot. It is not in conflict with the legislative park and environmental bond, which will appear on the June California statewide ballot. The two measures are complementary.

The following provisions are of particular interest to the agencies who are State Water Project contractors.

Oroville Dam Spillway Repairs

The initiative includes \$200,000,000 for this purpose. These funds are justified, because the flood control facilities at Oroville were paid for by the federal government. If the State Water Project contractors have to pay this amount, it will probably be in proportion to the Table A amounts for each contractor.

AB 32: Greenhouse Gas Reduction

The State Water Project must make payments due to emission of greenhouse gases as a result of energy used to pump water throughout the state. At present the payments are allocated by the Legislature for a variety of programs and projects. A provision of the initiative requires use of these payments for water and energy conservation in SWP system, and by the contractors. At present these payments are about \$20,000,000 per year. They could go as high as \$50,000,000 per year in future years.

Water Supply Categories

The initiative includes a variety of traditional water supply categories, which will be available to many SWP contractors. These include the following:

- Wastewater recycling: \$400,000,000
- Desalting inland supplies: \$400,000,000
- Urban Water Conservation: \$300,000,000

Increased Delta inflow from agricultural water conservation

Agricultural water conservation which leaves water in streams tributary to the Delta will improve Delta water quality, help restore fisheries, and will allow for increased exports. The initiative includes \$50,000,000 for agricultural water conservation in watersheds tributary to the Delta, if the conserved water is allowed to remain instream.

Fish Habitat

Reduced diversion of water from the Delta to the California Aqueduct is caused in part by regulations protecting endangered fish species.

Recent science demonstrates that improved fish habitat can result in more and healthier fish production. If successful, this should lead to increased fish numbers, and reduced pressure on exports. The initiative makes a major investment in fish restoration, focused mainly on listed species

Delta Conservancy: \$100,000,000

Fish Screens, Delta Tributaries: \$100,000,000

Fish habitat restoration: \$383,000,000

Watershed Restoration

Increasing scientific evidence from the Sierra Nevada demonstrates that healthier forests mean improved water quantity and water quality downstream. This is vital to the State Water Project, which derives export water from the entire watershed, not just the Feather River. The initiative funds restoration of forest watersheds, including post fire recovery.

Sierra Nevada Conservancy Watershed Restoration: \$250,000,000

Oroville: response to local concerns.

During the Oroville spillway event, Butte County officials found it hard to communicate. The initiative includes funding for **Butte County Emergency Communications Equipment:** \$1,000,000

Sediment in Feather River causing wildlife and flow problems. Massive amounts of material below Oroville Dam were washed into the Feather River channel and wildlife areas. The initiative includes funds to remove these sediments. This is done through grants to the

Sutter Butte Flood Management Agency

\$15 million for sediment removal Feather River

\$6 million Oroville Wildlife Area Improvement

and the Wildlife Conservation Board. Feather River improvements: \$7 million

Changing diversion point for North Bay Aqueduct

Water quality in Barker Slough must be maintained through storage releases from Shasta, Oroville, and Folsom Reservoirs, because of the North Bay Aqueduct diversions to State Water Project Solano and Napa County water users from this dead end slough, which is in the middle of delta Smelt habitat. A grant to the **Solano County Water Agency of \$5,000,000** will allow for the study of the relocation of this diversion to the Sacramento River. Relocation would relieve pressure on Delta Smelt, and on maintaining drinking water quality in Barker slough.

Official Endorsement List for the Water Supply and Water Quality Act of 2018

Senator Dianne Feinstein

Fiona Ma, candidate for state Treasurer

Conservation Groups

- American River Conservancy
- American River Parkway Foundation
- American Woodland Conservancy
- Amigos de Bolsa Chica
- Anza-Borrego Desert Natural History Association
- Anza Borrego Foundation
- Arroyo Seco Foundation
- Arroyos and Foothills Conservancy
- Bear-Yuba Land Trust
- California Invasive Plant Council
- California Native Plant Society
- California Urban Streams Partnership
- California Waterfowl Association
- California Watershed Network
- California Wildlife Foundation/California Oaks Fund
- Carmel River Watershed Conservancy
- Carrizo Plain Conservancy
- Catalina Islands Conservancy
- CLEAN South Bay
- Climate Resolve
- Community Conservation Solutions
- Conservation Corps of Long Beach
- Delta Waterfowl
- Dry Creek Conservancy
- Ducks Unlimited
- Eastern Sierra Land Trust
- Endangered Habitats League
- Freshwater Trust
- Friends of the Los Angeles River
- Friends of Orinda Creeks

- Friends of San Leandro Creek
- Friends of the Napa River
- Friends of the Santa Clara River
- Friends of Wild Cherry Canyon
- Glendora Community Conservancy
- Inland Empire Waterkeeper
- Lake Tahoe Bicycle Coalition
- Landpaths
- Land Conservancy of San Luis Obispo County
- Lower Putah Creek Coordinating Committee
- Marin Agricultural Land Trust
- Mattole Salmon Group
- Midpeninsula Regional Open Space District
- National Wildlife Federation
- National Wildlife Refuge Association
- National Wild Turkey Foundation
- Natural Heritage Institute
- Nor-Cal Guides & Sportsmens Association
- Northcoast Regional Land Trust
- Noyo Headlands Urban Design Group, Fort Bragg
- Orange County Coastkeeper
- Pheasants Forever
- Planning and Conservation League
- Putah Creek Council
- Quail Forever
- Sacramento River Watershed Program
- Sacramento Urban Creeks Council
- Salmonid Restoration Federation
- San Gabriel Mountains Regional Conservancy
- Sanctuary Forest
- Santa Barbara Urban Creeks Council
- Santa Clara River Conservancy
- Save our Shores
- Save the Bay (formerly Save San Francisco Bay Association)
- Save the Waves

- Sequoia Riverlands Trust
- Sierra Foothill Conservancy
- Sierra Fund
- Sierra Nevada Alliance
- Sonoma Ecology Center
- Sustainable Conservation
- Sutter-Buttes Regional Land Trust
- Tomales Bay Watershed Council Foundation
- Transition Habitat Conservancy
- TreePeople
- Truckee Donner Land Trust
- Tubb Canyon Desert Conservancy
- Tuolumne River Preservation Trust
- Valley Foothill Watershed Collaborative
- Wildcat San Pablo Creeks Watershed Council
- Wildcoast
- Worth a Dam

Agricultural organizations

- Agricultural Council of California
- California Agricultural Aircraft Association
- California Association of Pest Control Advisers
- California Citrus Mutual
- California Cotton Ginners and Growers Association
- California Dairies, Inc.
- California Farm Bureau Federation
- California Fresh Fruit Association
- American Pistachio Growers
- California Rice Commission
- California Rice Industry Association
- Fresno County Farm Bureau
- Tulare County Farm Bureau
- Western Growers

Resource Conservation Districts

- California Association of Resource Conservation Districts
 - Fall River Resource Conservation District
 - Honey Lake Resource Conservation District
 - Marin Resources Conservation District
 - Mariposa County Resource Conservation District
 - Northwest Kern Resource Conservation District
 - Pit Resource Conservation District
 - San Mateo County Resource Conservation District
 - Sierra Resource Conservation District
 - Sonoma County Resource Conservation District
 - Suisun Resource Conservation District

Environmental Justice Organizations

- California Greenworks
- Center for Sustainable Neighborhoods
- Community Water Center
- Grassroots Ecology
- Leadership Counsel for Justice and Accountability
- Urban Tilth
- The Watershed Project

Social Justice Organizations

Community Housing Improvement Systems and Planning Association, Inc. (CHISPA)

Water agencies and organizations

- Alameda County Water District
- Arvin Edison Water Storage District
- Association of California Water Agencies
- Bear Valley Basin Groundwater Sustainability Agency
- Beaumont-Cherry Valley Water District
- Big Bear City Community Services District
- Big Bear Municipal Water District
- Borrego Water District
- Calaveras County Water District

- CalDesal
- California Water Alliance
- Calleguas Municipal Water District
- Casitas Municipal Water District
- City of Big Bear Lake, Department of Power and Water
- Coachella Valley Water District
- Colusa Groundwater Authority
- Contra Costa Water District
- Delano-Earlimart Irrigation District
- Fresno Irrigation District
- Friant Water Authority
- Glenn Groundwater Authority
- Imperial Irrigation District
- Irvine Ranch Water District
- Kern-Tulare Water District
- Kings Basin Water Authority Integrated Regional Water Management Group.
- Las Virgenes Municipal Water District
- Lindmore Irrigation District
- Lindsay-Strathmore Irrigation District
- Madera Irrigation District
- Marina Coast Water District
- Monterey Peninsula Water Management District
- Mountain Counties Water Resources Association
- Northern California Water Association
- Orange Cove Irrigation District
- Pajaro Valley Water Management Agency
- Petaluma Valley Groundwater Sustainability Agency
- Porterville Irrigation District
- Port Hueneme Water Agency
- Salton Sea Authority
- San Joaquin River Exchange Contractors Water Authority
- Santa Rosa Plain Groundwater Sustainability Agency
- Saucelito Irrigation District
- Scotts Valley Water District
- Shandon-San Juan Water District

- Solano County Water Agency
- Solano Irrigation District
- Sonoma County Water Agency
- Sonoma Valley Groundwater Sustainability Agency
- Soquel Creek Water District
- South Valley Water Association
- Southern California Water Coalition
- Tulare Irrigation District
- Tuolumne Utilities District
- Upper Ventura River Groundwater Sustainability Agency
- Valley of the Moon Water District
- Water Association of Kern County
- Wheeler Ridge/Maricopa Water Storage District
- Yolo County Flood Control and Water Conservation District
- Yuba County Water Agency

Labor

- Contra Costa Building and Construction Trades Council

Individuals

- Bryce and Jill Lundberg
- Linda Adams, former Director, California Department of Water Resources
- Luis Alejo, Chair, Monterey County Board of Supervisors
- Phil Angelides, former State Treasurer
- Edwin Camp
- Michael Frantz, Director, Turlock Irrigation District
- Brigadier General Gerald Galloway, United States Army (Retired)
- Ron Gastelum, Former CEO and GM of the Metropolitan Water District of Southern California
- Brian Jordan, Vice President, Tetra Tech
- Fred Keeley, former Speaker Pro Tem, California State Assembly
- Yoriko Kishimoto, Former Mayor of Palo Alto and Board Member, Midpeninsula Regional Open Space District

- Richard Morrison, former Senior Vice President and head of Environmental Policies and Programs for Bank of America. (retired.)
- Peter B Moyle, Distinguished Professor Emeritus, University of California, Davis
- Mel Nutter, former chair, California Coastal Commission
- Tosha Panches, Watershed Educator, Central Coast Salmon Enhancement
- Ann L. Riley, Ph.D.
- Dyan Whyte, water quality scientist (Past Assistant Executive Officer of the San Francisco Bay Regional Water Quality Control Board)

Local Government

- California Special Districts Association

Cities

- Dinuba
- Farmersville
- Firebaugh
- Huron
- Livingston
- Ojai
- Orange Cove
- Parlier
- San Francisco
- Truckee

Counties

- Rural County Representatives of California (formerly Regional Council of Rural Counties)
- Contra Costa
- Fresno
- Imperial
- Plumas
- San Francisco
- Tulare

Local elected officials

Vinnie Bacon, Vice Mayor, City of Fremont

Bruce Gibson, San Luis Obispo County Supervisor, District 2
John Gioia, Contra Costa County Board of Supervisors
Susan Gorin, Sonoma County Board of Supervisors
Dave Pine, President, San Mateo County Board of Supervisors
Greg Scharff, Council Member, City of Palo Alto
Kate Sears, Marin County Board of Supervisors

Business

- American Council of Engineering Companies- California
- Bakersfield Chamber of Commerce
- Bay Area Council
- Bay Planning Coalition
- Biz Fed Los Angeles County
- California Building Industry Association
- California Business Properties Association
- California Chamber of Commerce
- DM Camp & Sons
- ESA (Environmental Science Associates)
- Fresno Chamber of Commerce
- Kern Machinery Inc
- Madera Chamber of Commerce
- Oxnard Chamber of Commerce
- Sierra Business Council
- Silicon Valley Leadership Group
- Tahoe Mountain Sports
- Valley Industry and Commerce Association
- Visalia Chamber of Commerce
- Western Power Products, Inc.

- Northern California Water Association Water Bond Support (November 2017),
and members:
Anderson-Cottonwood Irrigation District

B&B Ranch
Brophy Water District
Browns Valley Irrigation District
City of Colusa
City of Redding
Crain Orchards, Inc.
Danna & Danna Inc.
Edwards Ranch
Feather Water District
Fedora Farms
G&K Farms, LLC.
Garden Highway Mutual Water Co.
Garner, Garner & Stoy
Glenn Colusa Irrigation District
Hallwood Irrigation District
Henle Family Limited Partnership
Hershey Land Row Crop, LLC.
J.A. Driver
Joint Water Districts Board
 Biggs-West Gridley Water District
 Butte Water District
 Richvale Irrigation District
 Sutter Extension Water District
Knaggs Ranch
Larry Pires Farms
Lindauer River Ranch, Inc.
Llano Seco Rancho
M&T Ranch
Maxwell Irrigation District
Meridian Farms Water Co.
Natomas Mutual Water Co.
North Yuba County Water District
Oji Brothers Farms, Inc.
Pacific Farms & Orchards
Pacific Gold Agriculture
Paul Bertagna

Pelger Mutual Water Company
Pleasant Grove-Verona Mutual Water Co.
Plumas Mutual Water Co.
Princeton-Codora-Glenn Irrigation Dist.
Provident Irrigation District
R. Gorrill Ranch Enterprises
Ramirez Water District
Reclamation District 1004
Reclamation District 108
Reclamation District 2035
Richter Brothers, Inc.
Rising Eagle Ranch
River Garden Farms
Riverview Land & Equipment, Inc.
South Sutter Water District
South Yuba Water District
Sutter Bypass-Butte Slough WUA
Sutter Mutual Water Company
Sycamore Trust
Taylor Brothers Farms
Tehama Angus Ranch, Inc.
Thermalito Irrigation District
Tudor Mutual Water Co.
Tuttle Ranches
Western Canal Water District
William P. Locket
Yolo County Flood Control & WCD
Yuba County Water Agency

Members of Congress

Jim Costa
John Garamendi

Member of the State Legislature

Assemblymember Phil Ting
Senator Scott Wiener

P A L M D A L E W A T E R D I S T R I C T
B O A R D M E M O R A N D U M

DATE: July 17, 2018 **July 23, 2018**
TO: BOARD OF DIRECTORS **Regular Board Meeting**
FROM: Mr. Dennis D. LaMoreaux, General Manager
RE: ***AGENDA ITEM NO. 7.2 – CONSIDERATION AND POSSIBLE ACTION ON DISTRICT PARTICIPATION AT THE 2018 ANTELOPE VALLEY FAIR. (\$10,000.00 TO \$15,000.00 – NON-BUDGETED – AD HOC ANTELOPE VALLEY FAIR COMMITTEE-DIRECTOR MAC LAREN/DIRECTOR ESTES/GENERAL MANAGER LaMOREAUX)***

Recommendation:

Staff has no recommendation on this item.

Alternative Options:

Alternative options are open for discussion.

Impact of Taking No Action:

The District will not participate in the 2018 Antelope Valley Fair.

Background:

Directors Mac Laren and Estes were appointed to the Ad Hoc Antelope Valley Fair Committee. They recently met with staff and discussed District participation at the Antelope Valley Fair due to the Fair's 80th Anniversary and the District's 100th Anniversary. Methods of participation were discussed including a conservation garden, co-sponsoring the Rural Olympics, Fair tickets for District employees, display of the District's videos and history boards during the Fair, and a future permanent water conservation garden near the Fair's proposed rural museum.

Strategic Plan Initiative/Mission Statement:

This item is under Strategic Initiative No. 5 – Regional Leadership.
This item directly relates to the District's Mission Statement.

Budget:

This item is non-budgeted; however, funds may be available through the 100th anniversary budget or through the recent JPIA refund.

Supporting Documents:

- None.

**PALMDALE WATER DISTRICT
BOARD MEMORANDUM**

DATE: July 17, 2018 **July 23, 2018**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Ms. Judy Shay, Public Affairs Director
VIA: Mr. Dennis D. LaMoreaux, General Manager
RE: ***AGENDA ITEM NO. 7.3 – CONSIDERATION AND POSSIBLE ACTION
ON OUTREACH ACTIVITIES FOR 2018. (PUBLIC AFFAIRS
DIRECTOR SHAY)***

A detailed report on the Outreach activities listed below will be provided at the Board meeting.

- a) Update on 100th year anniversary events.
- b) Outreach plans for 2018.
- c) Update on PWD Water Ambassadors Academy.
- d) Upcoming events.
- e) Outreach recommendations from Directors.

P A L M D A L E W A T E R D I S T R I C T
B O A R D M E M O R A N D U M

DATE: July 18, 2018 **July 23, 2018**
TO: BOARD OF DIRECTORS **Board Meeting**
FROM: Mr. Dennis D. LaMoreaux, General Manager
RE: ***AGENDA ITEM NO. 8.2.a – JULY 2018 GENERAL MANAGER REPORT***

The following is the July report to the Board of activities through June 2018. It is organized to follow the District's six strategic initiatives adopted in January 2018 and is intended to provide a general update on the month's activities. A summary of the initiatives is as follows:



Water Resource Reliability

Complete the 2018 phase of the Upper Armagosa Creek Recharge Project
Ensure Palmdale Recycled Water Authority (PRWA) to be fully operational by year 2020
Adopt new state-of-the-art water treatment technologies
Implement the Antelope Valley Groundwater Adjudication agreement
Complete the grade-control structure for the Littlerock Reservoir Sediment Removal Project
Continue the next phase towards the completion of Palmdale Regional Groundwater Recharge and Recovery Project
Identify and pursue opportunities to increase the reliability of water supply



Organizational Excellence

Offer competitive compensation and benefits package to promote employee retention
Focus Succession Planning Program on ensuring an overlap of training for key positions
Continue providing transparency to our ratepayers
Promote and support leadership training and professional development programs to enhance the District's customers' experience



Systems Efficiency

Implement 2016 Water System Master Plan
Develop a five-year Infrastructure Revitalization Plan to continue the reinvestment and preventative maintenance for aging infrastructure
Explore energy independence
Continue being the industry's leader on the use of Granular Activated Carbon (GAC)
Research and test new technologies to increase efficiencies
Improve safety and training for Directors, employees and customers
Develop a crisis communications plan



Financial Health and Stability

- Pursue additional grant funding for all District projects**
- Adopt a sustainable and balanced rate structure to meet short and long-term needs**
- Create a five-year financial plan in conjunction with the 2019 Water Rate Plan**
- Maintain adequate reserve levels, high-level bond rating, and financial stability**



Regional Leadership

- Enhance relationships with Antelope Valley partnerships, including local water agencies, Antelope Valley State Water Contractors Association and the Palmdale Recycled Water Authority**
- Expand school water education programs**
- Engage elected officials in water-related issues**
- Continue offering career opportunities through the Internship Program**
- Provide opportunities for local businesses to contract with the District**



Customer Care, Advocacy and Outreach

- Increase Customer Care accessibility through communication and feedback to enhance customers' experience**
- Evaluate, develop, and market additional payment options**
- Be point of communication for customers' water-related public health concerns**
- Develop the District's Public Outreach Plan**
- Increase public awareness of the District's history and promote centennial anniversary**

This report also includes charts that show the effects of the District's efforts in several areas. They are organized within each strategic initiative and include status of the State Water Resources Control Board's (SWRCB) long-term conservation orders, 20 x 2020 status, the District's total per capita water use trends, 2018 water production and customer use graph, mainline leaks, and the water loss trends for both 12 and 24 month running averages.



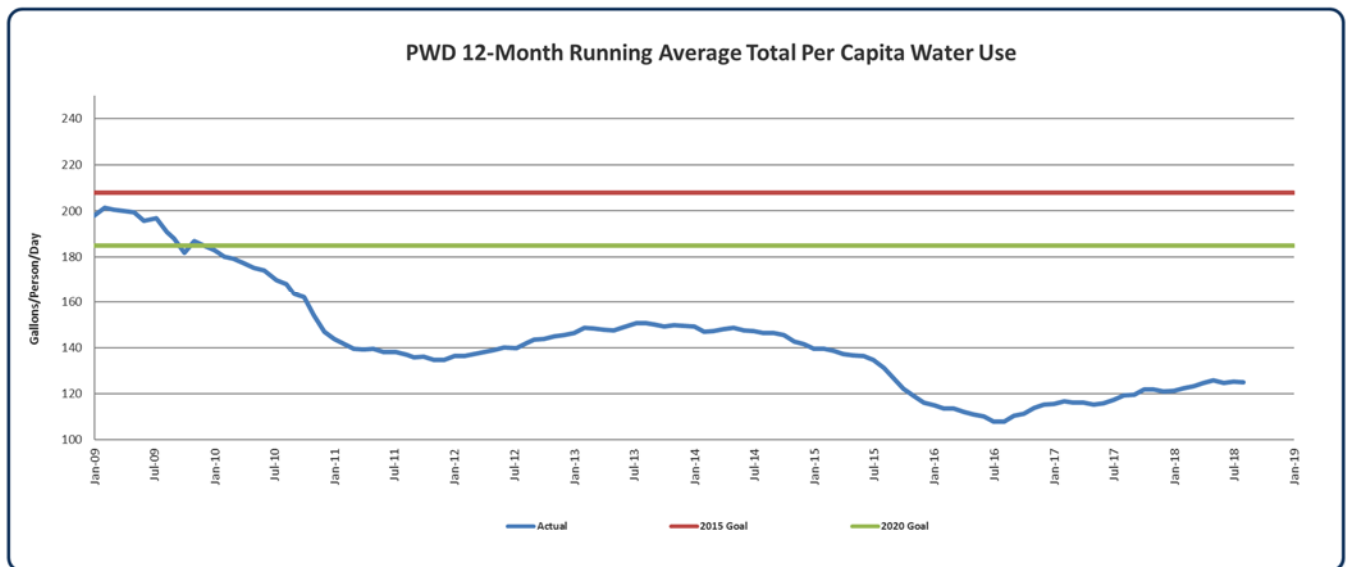
Water Resource Reliability

This initiative includes conservation efforts, water supply projects, and water planning. Recent highlights are as follows:

State Water Resources Control Board (SWRCB) Activities

- The 20 x 2020 per capita reduction goals passed by the legislature in 2009 with new long-term water budgeting requirements have now been replaced with new requirements and water agency water budgets. These follow through on the “Making Water Conservation a California Way of Life” plan. The District expects to easily comply with the new requirements as they are based on the same philosophy as the District water budget rate structure.

The District’s compliance with the 20 x 2020 law is evident from the chart titled “PWD 12-Month Running Average Total Per Capita Water Use.”:

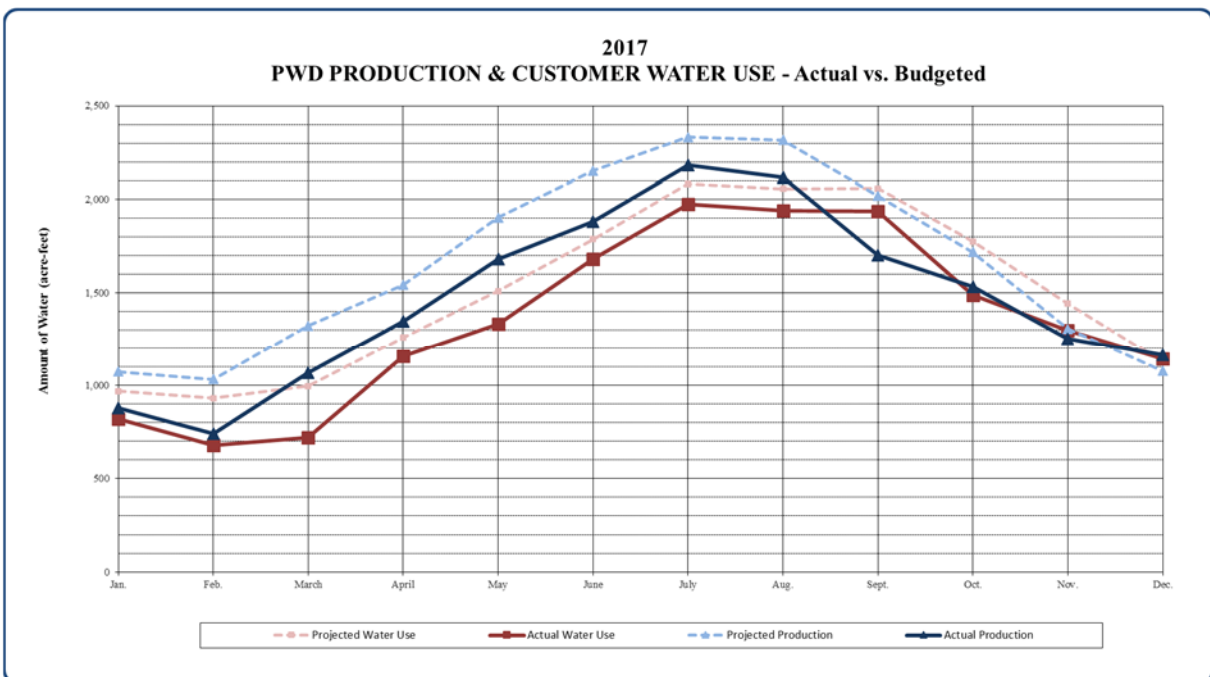
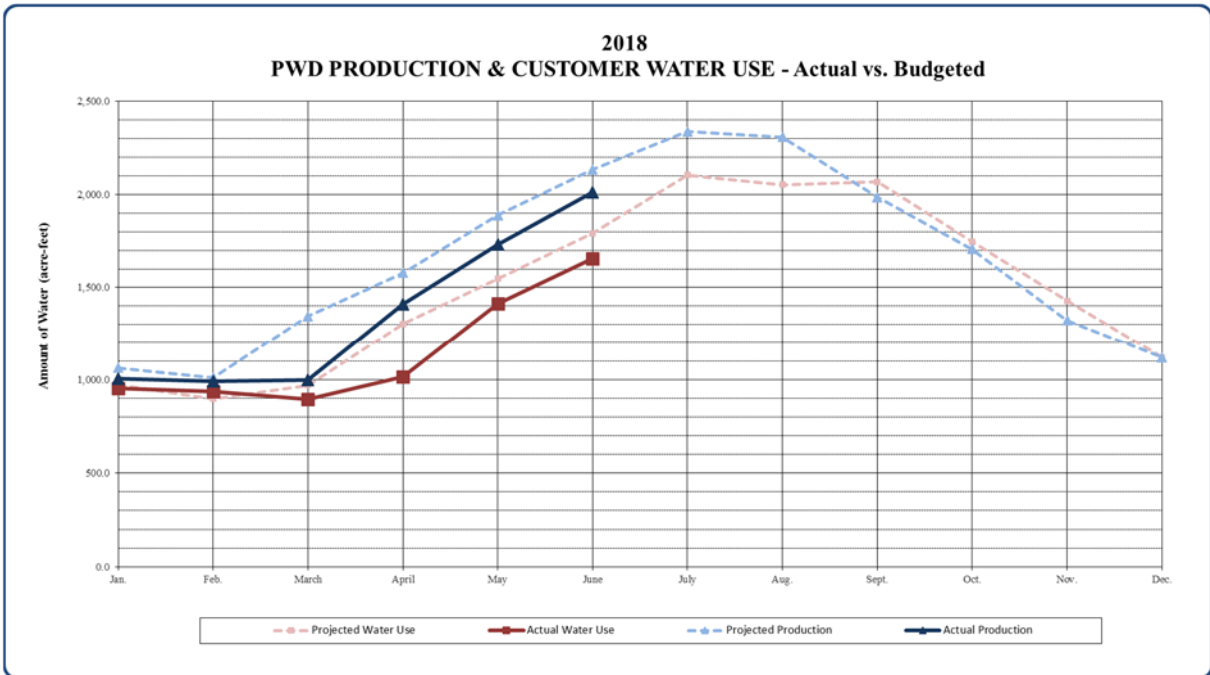


The District’s customers have cut their water use by **45.9%** from the baseline number of 231 and met the 2020 Goal in early 2010. The current Total-GPCD is 125.

Water Supply Information

- The staff plan for water resources in 2017 was based on the State Water Project allocation of 85%. It relied heavily on the SWP and substantially reduced groundwater pumping. This strategy has resulted in increased groundwater levels at District well sites and generated carry-over return flow groundwater production rights for future use. The current 2018 allocation is 35%. Staff initially participated in the 2018 Dry Year Water Program due to this uncertainty. However, with improved conditions and the high cost of water from the program, the District has withdrawn from the program.

- Water and Energy Resources staff has planned for 2018. The plan incorporates available water with the anticipated water usage. The following graph shows actual amounts through May and monthly projections for both production and consumption, based on the prior five years of actual monthly information, for the entire year. It is anticipated that this year's consumption and production pattern will be similar to 2017. The production and consumption numbers this year are approximately 7% higher than in 2017. The 2017 chart is added in this report for comparison.



Other Items

- The Littlerock Reservoir Sediment Removal Project Environmental Impact Report/Environmental Impact Statement (EIR/EIS) was fully approved in 2017. The majority of the required permits have been obtained.

The Grade Control Structure design and contract documents were completed in May. The Engineer's construction estimate was \$5.7MM and \$1.0MM for mitigation and monitoring. Financing of this amount and a contingency for the Project is included in the 2018A Series Revenue Bonds authorized by the Board on May 29, 2018.

The Board also approved a resolution to waive our normal bid policy and negotiate a contract. This is available under Division 11, Irrigation Districts, of the Water Code and allows negotiated contracts except when general obligation bond funds are being used. Staff invited four contractors to participate and bid on the Project. Two contractors submitted bids. Staff and the design engineer are reviewing the bids and will make a recommendation for the Project soon.

A citizen's committee, Friends of Littlerock Dam (FOLD), was formed in the Littlerock, Pearblossom, and Juniper Hills area to find a way to reopen the Littlerock Reservoir Recreation area. They worked with the District and the USFS on this issue. The result was having the area open to the public June 9, 10, 16, and 17. Attendance for these days was preliminarily reported as approximately 4,000 visitors. This is viewed as a success by FOLD and has provided good information for the Forest Service. They will issue a request for proposals for a recreational operator. This process is expected to take 9 to 12-months.

- The public review of the Draft California Environmental Quality Act (CEQA) EIR for the Palmdale Regional Groundwater Recharge and Recovery Project is complete. The Final EIR was certified by the Board on July 13, 2016, and the Notice of Determination was filed on July 14, 2016. The comments from the SWRCB Recycled Water Division on the Title 22 Engineering Report were addressed and returned for further review. Another set of comments was recently received and are being reviewed.

Construction of monitoring wells is complete, and the initial water quality sampling has been done. The pilot spreading basin was constructed, the 28-day recharge test, and dry/wet cycling is complete. The information from this project is now being assessed by Kennedy/Jenks.

- California Water Fix: There have been recent regulatory approvals moving this project forward. The State Water Contractors and the Department of Water Resources are

continuing discussions about the Project's financing and operations. These discussions will result in a clearer picture of the effect on individual contractors. Staff is directly involved in these discussions and will be able to update the Board in the future.



Organizational Excellence

This initiative includes efforts to restructure staff duties and activities to more efficiently provide service to our customers. Recent highlights are as follows:

- The electronic time keeping software was used by staff during most of 2017 and is now our standard practice.
- The 2018 Strategic Plan Update is now published in brochures and on the District's website. The board room posters have been redesigned, printed, and mounted in the board room. A Spanish translation has been printed and is also posted in the Board room.
- The District is working with other members of the Public Water Agencies Group (PWAG) to hire and share the services of an Emergency Preparedness Coordinator. The MOU was approved by the Board, the action of other agencies is complete, a person has been hired, and the initial meeting has been held.
- A new logo for the District as part of the 100-year anniversary was approved by the Board at the October 11, 2017 Board meeting. The transition to the new logo is well under way and is on District vehicles.



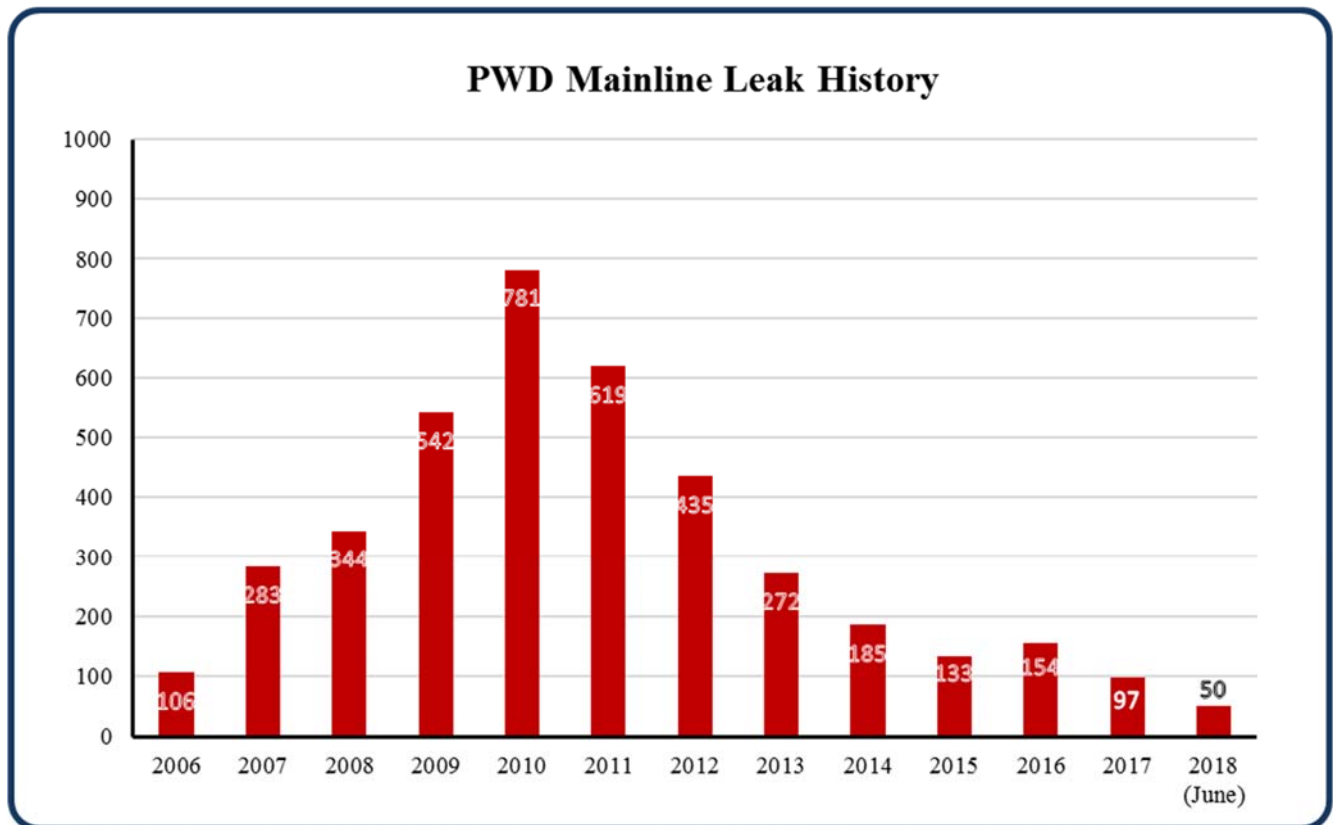
PALMDALE WATER DISTRICT
A CENTURY OF SERVICE



Systems Efficiency

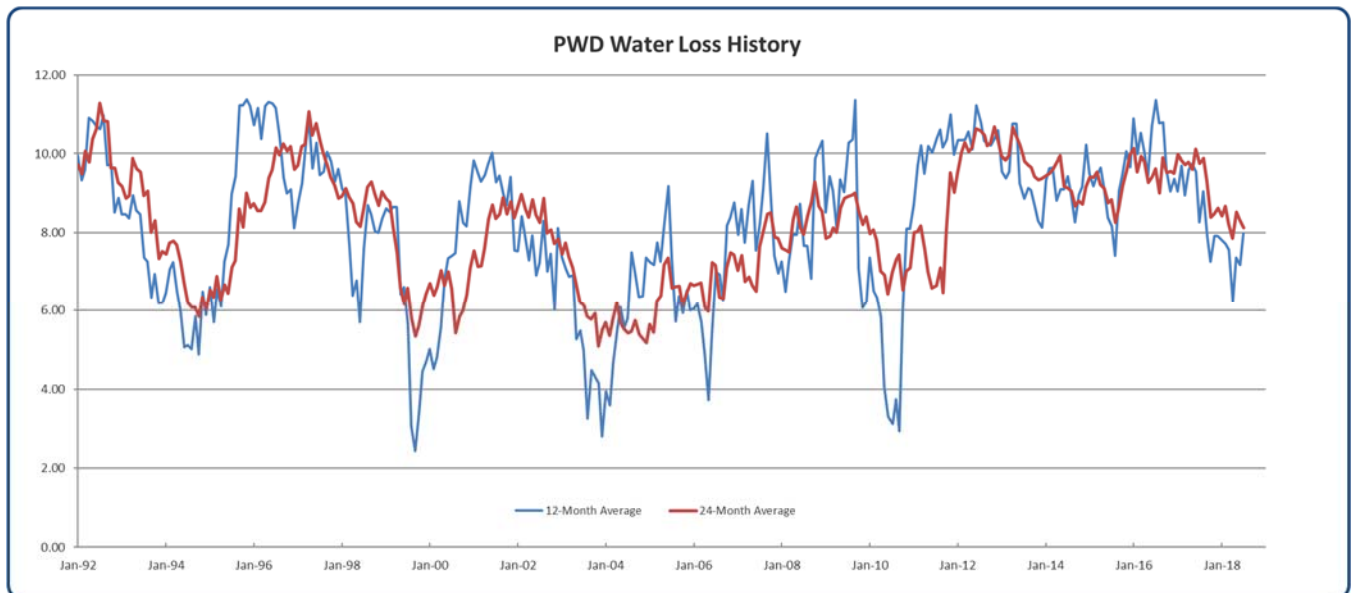
This initiative largely focuses on the state of the District's infrastructure. Recent highlights are as follows:

- Installation of security upgrades for the Leslie O. Carter Water Treatment Plant is operational and complete. Additional cameras are being planned for the two access gates.
- The effects of the District’s past efforts in replacing failing water mains and meters can be seen in the reduced number of mainline leaks. This is illustrated in the chart titled “Mainline Leak History.” The mainline leaks through June 2018 are 50, and there were 45 service line leaks. The 2017 mainline leak total was 97. This was the first time they were under 100 in over ten years.



- The budgeted meter replacement project of approximately 3,300 meters is being planned for 2018. Staff is now treating meter replacements similar to how the District contracts for pavement patching with annual bids to perform the work.
- Facilities staff is focusing on maintenance activities to incorporate pressure reducing valves and other facilities as their efforts can continue to be more preventative due to a lower number of emergency repairs. A detailed presentation was given to the Board on September 13, 2017 explaining the importance of these activities. The 2018 Budget approved by the Board supports these activities.

- District staff completed the water main replacement on Avenue S-14 in the Ana Verde Hills area. Upcoming projects include Camares Drive south of Barrel Springs Road, Avenue V-5 west of 47th Street East, and 13th Street East north of Avenue R.
- The positive effect of both water main and water meter replacement programs is shown on the chart titled “PWD Water Loss History.” Water losses are now near 8%.



Financial Health and Stability

- Engineering staff has successfully applied for planning grant funding for the Palmdale Regional Groundwater Recharge and Recovery Project and for the Phase II pipeline for the Palmdale Recycled Water Authority. Application packages for further funding have been determined to be complete by the State. A comment letter was also submitted to raise the priority of both projects in the State’s funding plan for 2017/2018.

The State is satisfied with resolutions from the City and the District related to the PRWA Phase II funding application for compliance with their repayment requirements. An amendment to the JPA will also be completed to tie these into PRWA. The only outstanding issue is the State’s approach to determining the District’s Debt Coverage Ratio. They continue to include non-operating expenses into the calculation. Staff and our financial advisor are still working on this issue.

- Water rate changes of 4.25% for 2017, 2018, and 2019 were approved at a Board meeting held November 9, 2016. The resolution is also unique in that it included criteria that, if met, would allow for lesser changes.
- Engineering/Grant Manager Riley has worked with the Bureau of Reclamation for the acceptance of a Feasibility Report for the Palmdale Regional Groundwater Recharge and Recovery Project and having it eligible for funding. Mr. Riley and I visited the Bureau in Denver to discuss future funding opportunities. The Bureau staff was very receptive to the project. Our project is one of 30 from across the country that is eligible to compete for a portion of \$10M in this year's Federal budget due to the approved Feasibility Report. The 2017 competition effort did not result in an award of funds from the Bureau. However, lessons from this submittal will be used in future funding competitions.
- The 2018 Budget was approved by the Board in November 2017. The 2018 Budget was published in January 2018. Work on the 2019 Budget will begin in August.
- Water-Wise Landscape Conversion Program (Cash-for-Grass Program): The District received a \$75,000 Grant from the Bureau of Reclamation in 2017 to assist in funding the Program. The Board approved changes to the program at the October 25, 2017 meeting that are now in effect.
- The 2018A Series Revenue Bonds closed as expected. This issue includes funds for the Littlerock Reservoir Sediment Removal Project – Grade Control Structure construction, water main replacements, work on the 6 MG Clearwell, and work on the sediment basin at the Leslie O. Carter Water Treatment Plant.



Regional Leadership

This initiative includes efforts to involve the community, be involved in regional activities, and be a resource for other agencies in the area. Recent highlights are as follows:

- Activities of the Palmdale Recycled Water Authority (PRWA) and Antelope Valley State Water Contractors Association have continued.
- The District staff continues to be active in the Antelope Valley Watermaster Board (AVWB) and related meetings.
- District staff is active in the local chambers and is on the board of the Palmdale Chamber and GAVEA.

- Staff developed a plan and budget for a year-long celebration of the District's 100th Anniversary in July, 2018 that was approved by the Board on July 12, 2017. The activities will be announced at this meeting. The first events of an Open House on August 5th and the AV Fair parade and office decorating contest were successful. The first public tour of Littlerock Dam and the Leslie O. Carter Water Treatment Plant was successfully conducted on Thursday, September 21, 2017, and have continued on a monthly basis. The last tour will be held on June 21, 2018.

Historic displays are in the District lobby and at the Palmdale City Library. These are changed monthly to reflect a new decade as we move closer to the 100th Anniversary Celebration on July 22, 2018. The book documenting our first 100 years was also prepared and is being printed.

- Staff has worked with the Ad-Hoc Committee on a method to better communicate with and involve our customers in the District's activities. A proposal to create a "PWD Water Ambassador Academy" was approved by the Committee and is scheduled for September this year.
- The District has expressed its concerns with the proposed Statewide water tax under SB 623 and the 2018 Budget Trailer Bill and also SB 998 which would affect how delinquent accounts are handled.
- There are two upcoming bond measures with water-related funds. Proposition 68 was on the June 2018 ballot and passed. The "Water Supply and Water Quality Act of 2018" will be Proposition 3 on the November 2018 ballot. It totals \$8.9 B and is much more focused on water.



Customer Care and Advocacy

This initiative includes efforts to better serve our customers. Recent highlights are as follows:

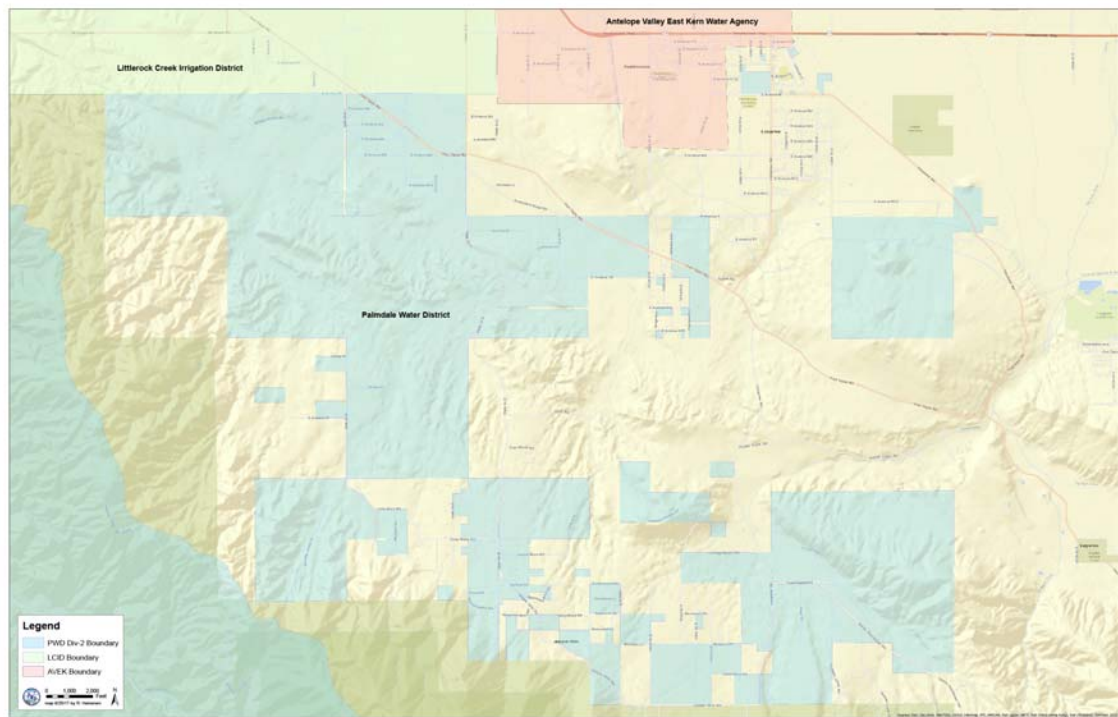
- The ability to make payments at 7-Eleven and Family Dollar Store is also continuing to grow.
- A plan to update and improve the front entrance and lobby was approved by the Facilities Committee in March, and work is complete. The kiosk is now installed and functioning

in the lobby. It hosts service ticketing for customers, a directory of the office, and displays associated with the 100th Year celebration.

- Customer Care and Finance staff are now exclusively using TruePoint software. TruePoint has continued to provide solid support and programming changes for any needed adjustments. Staff is continuing to recognize and correct transition issues that arise to minimize any effect on customers and other District departments.
- Many residents in the Juniper Hills area rely on water hauling companies for their water. A major local source for these companies is no longer available and more distant water sources increase water costs for the residents.

Numerous properties in the Juniper Hills area annexed to PWD in the early 1960's for access to the State Water Project (SWP) and pay the annual assessment for SWP fixed costs. To date, there has not been a way to use the SWP water due to the lack of a water system. However, this allows PWD to act as a water source for water hauling companies for properties within PWD's boundaries in the Juniper Hills area.

The following map was provided for water hauling companies and residents to help them understand who PWD can help serve.



The District is requiring submittals documenting a water hauling company's status as part of setting a water meter for their use. We are also using copies of property tax bills

to verify the water hauling customers are within PWD's boundaries. Staff reviews the tax bill copies for that verification. Aleshire & Wynder also drafted an agreement for water hauling companies that is intended to protect the District and the water hauling customers. There are currently seven (7) residents verified for water deliveries.

Staff attended the Juniper Hills Town Council meeting on November 1, 2017 to explain this approach and answer other questions from the residents. This is an unusual situation and shows the District's commitment to serve all customers within its boundaries, even in the absence of a water distribution system.

Staff is also now working with Littlerock Creek Irrigation District (LCID) as an alternate provider of the District's water to these residents. LCID facilities are closer and may be easier for potential water haulers to use.

STAFF CONFERENCE/SEMINAR REPORT FORM

NAME: Richard Heinonen DATE: 7/18/2018
POSITION: GIS Coordinator

CONFERENCE SUMMARY:

- TITLE: 2018 ESRI User Conference
ORGANIZATION: ESRI
LOCATION AND DATES: San Diego, 7/7/2018 to 7/12/2018
GENERAL SUBJECT MATTER: Annual conference for ESRI software users. A week long event to demonstrate the latest innovations in GIS technologies.

SESSION/CLASS ATTENDANCE:

CEU EARNED (HRS): N/A

Table with 2 columns: Session/Class Attendance and CEU Earned (HRS). Rows include: 1) 2-day Pre-Conference training class: Migrating from ArcMap to ArcGIS Pro (16); 2) Plenary Session and Keynote Speaker (6); 3) Technical Workshops (2 attended) (2); 4) Demo Theater Presentations (10 attended) (10); 5) Showcase interaction with ESRI Tech Support staff and hands-on learning exercises (8).

KEY POINTS/BENEFITS RELATING TO WORKGROUP, DEPARTMENT AND/OR OVERALL OPERATIONS:

Gained skills to ease the transition from ArcMap to ArcGIS Pro, ESRI's new software product that supports both 2D and 3D mapping and integrates directly with ArcGIS Online to better utilize web GIS and apps used by District staff in daily operations.

REVIEWED BY:

SUPERVISOR: DATE:

DEPARTMENT MANAGER: James A. Riley DATE: 7/18/18

2018 ESRI USER CONFERENCE SESSIONS ATTENDED BY RICHARD HEINONEN

<u>Day</u>	<u>Session Attended</u>	<u>Session Type</u>
Sat & Sun	Migrating from ArcMap to ArcGIS Pro	ESRI 2-day class
Mon	Plenary Sessions (Monday full day)	Plenary
Tue	Water User Group Kick-Off Session	Technical Workshop
Tue	ArcGIS Online: How to Enhance Web Map Performance	Demo Theater
Tue	ArcGIS Pro: Effective Use of Labels and Anotation	Demo Theater
Tue	Operations Dashboard for ArcGIS: Moitoring Field Edits	Demo Theater
Tue	Configuring Web Map Pop-Ups: Tips and Tricks	Demo Theater
Wed	Creating Apps Using Online Templates	Demo Theater
Wed	Survey123 for ArcGIS: Printing Survey Records	Demo Theater
Wed	Steps for Success in your ArcGIS Organization: Best Practices Approach	Technical Workshop
Wed	ArcGIS Pro: From Data to Map in 30 Minutes	Demo Theater
Wed	ArcGIS Pro: Tips and Tricks for Working with Tables	Demo Theater
Thur	ArcGIS Pro: Top Five Tips and Tricks	Demo Theater
Thur	Collector for ArcGIS: Using Relationships in your Inspection Workflows	Demo Theater

To: Jim Riley
From: Richard Heinonen
Date: 12/20/2017
Re: Esri 2018 User Conference Attendance Request

I would like to attend the Esri User Conference July 9 to July 13, 2018 in San Diego so the District continues to realize the greatest return on our GIS investment.

For five days, this conference provides over 450 hours of training, hundreds of user presentations that share best practices, and opportunities for me to get our specific technical questions answered one-on-one by Esri subject matter experts, developers, industry leaders, and more! The UC also includes an EXPO full of vendor exhibits featuring innovative GIS solutions and special interest group meetings that will connect me with GIS users from our region and industry.

Over 18,000 professionals across industries attend the Esri UC, representing nearly every commercial sector, government organization, and non-profit field. This abundance of user-to-user communication and collaboration is essential to learning about real-life GIS experiences, best practices, tips and tricks, and more.

As GIS Coordinator, it is important for me to take advantage of the training and networking available at the Conference to continue advancing my GIS skills and experience. Here are 3 key GIS benefits to the District:

- 1) Continued cost savings to the District by configuring and deploying ESRI Apps instead of a 3rd party hosted GIS solution.
- 2) Expanded use of GIS Web mapping technology to help PWD staff work more efficiently.
- 3) Developing additional field crew Collector Apps to replace outdated paper workflows with digital data collection.

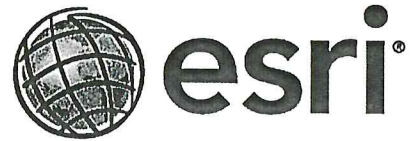
Over the weekend preceding the Conference, I would like to attend a 2-day "Migrating from ArcMap to ArcGIS Pro" course offered at a reduced pre-conference rate. The training is designed to help ease the transition to ESRI's latest GIS Desktop application making users more productive in the new environment that will eventually replace ArcMap.

To help save costs, I will pay for the first night of lodging and will skip the final day closing ceremonies to eliminate Thursday night's hotel expense. And by registering early I can take advantage of reduced Government hotel rates. Here is a breakdown of estimated attendance costs:

Conference Registration: complimentary
Pre-conference ArcGIS Pro training course: \$750
Conference recordings: \$350
Transportation and Parking: \$400
Hotel: (five nights at \$250) \$1250
Meals: (six days at \$50) \$300
Total: \$3050

Thank you for your consideration.

Richard Heinonen



hereby recognizes that

Richard Heinonen

has attended

Migrating from ArcMap to ArcGIS Pro

16 hours of training

Completed on July 8, 2018

Timothy Stuebner
Michael Flanagan

Instructor Name

A handwritten signature in black ink, appearing to read "Jack Dangermond".

Jack Dangermond, President