

# PALMDALE WATER DISTRICT

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

Fax (661) 947-8604

[www.palmdalewater.org](http://www.palmdalewater.org)

ALESHIRE & WYNDER LLP  
Attorneys



## Board of Directors

ROBERT E. ALVARADO  
Division 1

JOE ESTES  
Division 2

GLORIA DIZMANG  
Division 3

KATHY MAC LAREN  
Division 4

VINCENT DINO  
Division 5

August 7, 2014

*Agenda for Regular Meeting  
of the Board of Directors of the Palmdale Water District  
to be held at the District's office at 2029 East Avenue Q, Palmdale  
Wednesday, August 13, 2014  
7:00 p.m.*

***NOTE:*** 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.

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. 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.

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.
- 2) Roll Call.
- 3) Adoption of Agenda.
- 4) Public comments for non-agenda items.
- 5) Presentations:
  - 5.1) No presentations scheduled at this time.

- 6) Action Items - Consent 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.)
  - 6.1) Approval of minutes of regular meeting held July 23, 2014.
  - 6.2) Payment of bills for August 13, 2014.
  - 6.3) Approval of Professional Services Agreement for Monitoring and Reporting of Wind Turbine. (\$10,500.00 – Budgeted – Assistant General Manager Knudson/Facilities Committee)
  - 6.4) Approval of revisions to Organization Chart. (Assistant General Manager Knudson/Personnel Committee)
  - 6.5) Approval of Agreement Between San Bernardino Valley Municipal Water District (SBVMWD), Palmdale Water District (PWD), and the Department of Water Resources (DWR) for Transportation of up to 2,500 Acre Feet of Supplemental Exchange Water in 2014. (Water & Energy Resources Director Pernula)
- 7) Action Items - Action Calendar (The public shall have an opportunity to comment on any action item as each item is considered by the Board of Directors prior to action being taken.)
  - 7.1) Status report on Cash Flow Statement and Current Cash Balances as of June 30, 2014. (Financial Advisor Egan/Finance Committee)
  - 7.2) Status report on Financial Statements, Revenue and Expense and Departmental Budget Reports for June 30, 2014. (Finance Manager Williams/Finance Committee)
  - 7.3) Status report on committed contracts issued. (Assistant General Manager Knudson/Finance Committee)
  - 7.4) Consideration and possible action on policy for Rate Assistance Program. (Finance Manager Williams/Finance Committee)
  - 7.5) Consideration and possible action on revisions to Rules and Regulations Article 10.03.B - Refund of Deposit. (Finance Manager Williams/Personnel Committee)
  - 7.6) Consideration and possible action on revisions to Rules and Regulations Section 8.02.H – Consumer’s Responsibility for District Property and 8.03.C.7 –Rates, Miscellaneous Charges, Property Damage. (Finance Manager Williams/Personnel Committee)
  - 7.7) Consideration and possible action on Board and staff attendance at conferences, seminars, and training sessions as follows:
    - a) 30<sup>th</sup> Annual Tri-State Seminar to be held September 23 – 25, 2014 in Las Vegas, Nevada.
    - b) American Water Works Association CV-NV Section Fall Conference to be held October 20 – 23, 2014 in Reno, Nevada.

- c) Special District Leadership Academy Governance Series Conference to be held November 16 – 19, 2014 in San Diego.
  - d) Association of California Water Agencies Fall Conference & Exhibition to be held December 2 – 5, 2014 in San Diego.
- 8) Information Items:
- 8.1) Reports of Directors:
    - a) Meetings/General Report.
    - b) Standing Committee/Assignment Reports (Chair):
      - 1) Facilities Committee
      - 2) Finance Committee
      - 3) Personnel Committee
      - 4) Outreach Committee
      - 5) Water Supply & Reliability Committee
      - 6) Antelope Valley State Water Contractors Association
      - 7) Palmdale Recycled Water Authority
  - 8.2) Report of General Manager.
  - 8.3) Report of Attorney.
- 9) Public comments on closed session agenda matters.
- 10) Closed session under:
- 10.1) Conference with Legal Counsel – Existing Litigation: A closed session will be held, pursuant to Government Code §54956.9 (d)(1), to confer with legal counsel regarding pending litigation to which the District is a party. The title of such litigation is as follows: *Antelope Valley Ground Water Cases*.
- 11) Public report of any action taken in closed session.
- 12) Board members' requests for future agenda items.
- 13) Adjournment.



DENNIS D. LaMOREAUX,  
General Manager

DDL/dd

**PALMDALE WATER DISTRICT  
BOARD MEMORANDUM**

**DATE:** August 7, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Mr. Matthew R. Knudson, Assistant General Manager  
**VIA:** Mr. Dennis D. LaMoreaux, General Manager  
**RE:** ***AGENDA ITEM NO. 6.3 – APPROVAL OF PROFESSIONAL SERVICES AGREEMENT FOR MONITORING AND REPORTING OF WIND TURBINE***

---

**Recommendation:**

Staff and the Facilities Committee recommend the District enter into a Professional Services Agreement with Black & Veatch Corporation for the continued remote monitoring and diagnostics services associated with the wind turbine in the not-to-exceed amount of \$10,500 per year.

**Background:**

The attached proposal will cover continuous on-line performance and equipment monitoring of the District's wind turbine located at the Leslie O. Carter Water Treatment Plant by Black & Veatch Corporation, which will closely monitor and track the performance and efficiency of the wind turbine and inform the District of any anomalies that may be detected in order to ensure peak performance and revenue generation of the wind turbine. Black & Veatch will be providing quarterly reports that will include a summary of wind speeds, power expected, power generated, operational availability and the offset billing for Southern California Edison bills.

The recent State Audit Report of the Antelope Valley Water Rates had a recommendation for the District to closely monitor and track the various operational savings the District has implemented over the years. The reporting associated with this agreement will help the District track and report said savings associated with the operation of the Wind Turbine to our Customers.

**Strategic Plan Element:**

This work is part of Strategic Initiative No. 3 – Infrastructure.

**Budget:**

The 2014 Budget includes \$10,500 to cover the costs associated with this agreement and scope of work.

**Supporting Documents:**

- Proposed Professional Services Agreement with Black & Veatch Corporation for the Remote Monitoring and Diagnostic Services.

# PROFESSIONAL SERVICES AGREEMENT WITH BLACK & VEATCH CORPORATION

## for Remote Monitoring and Diagnostic Services

This PROFESSIONAL SERVICES AGREEMENT (herein "Agreement") is made and entered into this \_\_\_ day of August, 2014 by and between PALMDALE WATER DISTRICT, a special district organized and existing under the provisions of California Water Code, (hereinafter referred to as "District"), and BLACK & VEATCH CORPORATION, a Delaware Corporation (hereinafter referred to as "Consultant" or "Engineer").

WHEREAS, District requires remote monitoring and diagnostic services in conjunction with the operation of a power producing turbine;

WHEREAS, Consultant warrants and represents that it has demonstrated expertise in providing such services and is qualified to provide the professional services required by District, particularly in various aspects of power generation and wind energy;

WHEREAS, District and Consultant desire to enter into this Agreement for the provision of professional consulting services as delineated in the Scope of Work attached hereto as Exhibit "A," subject to the terms and conditions of this Agreement;

NOW THEREFORE, in consideration of the promises and covenants hereinafter contained, it is mutually agreed as follows:

### 1.0 SERVICES OF CONSULTANT

1.1 Scope of Services. In compliance with all of the terms and conditions of this Agreement, Consultant shall perform the work or services set forth in the "Scope of Services" attached hereto as Exhibit "A" and incorporated herein by reference. Consultant warrants that all work or services set forth in the Scope of Services will be performed in a competent, professional and satisfactory manner.

1.2 Compliance With Law. All work and services rendered hereunder shall be provided in accordance with all ordinances, resolutions, statutes, rules and regulations of the District and any federal, state or local governmental agency of competent jurisdiction.

1.3 Licenses, Permits, Fees and Assessments. Consultant shall obtain, at his sole cost and expense, such licenses, permits and approvals as may be required by law for the performance of the services required by this Agreement. Consultant shall procure, at his expense, all permits required by governmental authorities and shall comply with all applicable local, state and federal regulations and statutes including CalOSHA requirements.

## 2.0 COMPENSATION

2.1 Contract Sum. For the services rendered pursuant to this Agreement, Consultant shall be compensated in an amount not exceeding the maximum contract amount of Ten Thousand Five Hundred Fifty Dollars (\$10,550.00), including expenses ("Contract Sum").

2.2 Method of Payment. Provided that Consultant is not in default under the terms of this Agreement, Consultant shall be paid monthly, together with approved expenses, within thirty (30) days from and after District's receipt of a billing statement for services rendered, or upon completion of the Scope of Services or Term, whichever event shall first occur.

2.3 Billing Disputes. In the event District disputes any invoice item, District shall give Consultant written notice of such disputed item within ten days after receipt of such invoice and shall pay to Consultant the undisputed portion of the invoice according to the provisions hereof.

## 3.0 COORDINATION OF WORK

3.1 Representative of Consultant. Bryan Uhlmansiek is hereby designated as being the representative of Consultant authorized to act on its behalf with respect to the work or services specified herein and make all decisions in connection therewith.

3.2 Contract Officer. District's Assistant General Manager, or his designee, is hereby designated as being the representative of District authorized to act in its behalf with respect to the work and services specified herein and make all decisions in connection therewith ("Contract Officer"). District may designate another Contract Officer by providing written notice to Consultant.

3.3 Prohibition Against Subcontracting or Assignment. Consultant shall not contract with any entity to perform in whole or in part the work or services required hereunder without the express written approval of the District. Neither this Agreement nor any interest herein may be assigned or transferred, voluntarily or by operation of law, without the prior written approval of District. Any such prohibited assignment or transfer shall be void.

3.4 Independent Contractor. Neither District nor any of its employees shall have any control over the manner, mode or means by which Consultant, its agents or employees, perform the services required herein, except as otherwise set forth on Exhibit "A". Consultant shall perform all services required herein as an independent contractor of District and shall remain under only such obligations as are consistent with that role. Consultant shall not at any time or in any manner represent that it or any of its agents or employees are agents or employees of District.

## 4.0 INSURANCE AND INDEMNIFICATION

4.1 Insurance. Consultant shall procure and maintain, at its sole cost and expense, in a form and content satisfactory to District, during the entire term of this Agreement including any extension thereof, the following policies of insurance:

- (a) Commercial General Liability Insurance. A policy of commercial general liability insurance using Insurance Services Office

“Commercial General Liability” policy form CG 00 01, with an edition date prior to 2004, or the exact equivalent. Coverage for an additional insured shall not be limited to its vicarious liability. Defense costs must be paid in addition to limits. Limits shall be no less than \$1,000,000.00 per occurrence for all covered losses and no less than \$2,000,000.00 general aggregate.

- (b) Workers’ Compensation Insurance. A policy of workers’ compensation insurance on a state-approved policy form providing statutory benefits as required by law with employer’s liability limits no less than \$1,000,000.00 per accident for all covered losses.
- (c) Automotive Insurance. A policy of comprehensive automobile liability insurance written on a per occurrence basis in an amount not less than \$1,000,000.00 per accident, combined single limit. Said policy shall include coverage for owned, non-owned, leased and hired cars.
- (d) Professional Liability or Error and Omissions Insurance. A policy of errors and omissions insurance in an amount not less than \$1,000,000.00 per claim with respect loss arising from the actions of Consultant performing professional services hereunder on behalf of the District.

All of the above policies of insurance shall be primary insurance and shall name the District, its officers, employees and agents as additional insureds. The insurer shall waive all rights of subrogation and contribution it may have against District, its officers, officials, employees, agents, representatives, and volunteers, and their respective insurers. Moreover, the insurance policy must specify that where the primary insured does not satisfy the self-insured retention, any additional insured may satisfy the self-insured retention in order to assure coverage as an “additional insured.” All of said policies of insurance shall be endorsed to: PALMDALE WATER DISTRICT, a public corporation organized and existing under the provisions of California Water Code.

Consultant agrees that the provisions of this Section 4.1 shall not be construed as limiting in any way the extent to which Consultant may be held responsible for the payment of damages to any persons or property resulting from Consultant’s activities or the activities of any person or persons for which Consultant is otherwise responsible.

The insurance required by this Agreement shall be satisfactory only if issued by companies qualified to do business in California, rated “A” or better in the most recent edition of Best Rating Guide, The Key Rating Guide or in the Federal Register, and only if they are of a financial category Class VII or better, unless such requirements are waived by the Senior Risk Management Analyst of District due to unique circumstances.

In the event that the Consultant is authorized to subcontract any portion of the work or services provided pursuant to this Agreement, the contract between the Consultant and such

subcontractor shall require the subcontractor to maintain the same policies of insurance that the Consultant is required to maintain pursuant to this Section 4.1.

#### 4.2 Indemnification.

(a) Indemnity for Professional Liability. When the law establishes a professional standard of care for Consultant's services, to the fullest extent permitted by law, Consultant shall indemnify, defend and hold harmless District and District's Parties from and against any and all losses, liabilities, damages, costs and expenses, including attorneys' fees and costs to the extent same are caused in whole or in part by any negligent or wrongful act, error or omission of Consultant, its officers, agents, employees or subcontractors (or any entity or individual for which Consultant shall bear legal liability) in the performance of professional services under this Agreement.

(b) Indemnity for Other Than Professional Liability. Other than in the performance of professional services and to the full extent permitted by law, Consultant shall indemnify, defend and hold harmless District and District's Parties from and against any liability (including liability for claims, suits, actions, losses, expenses or costs of any kind, whether actual, alleged or threatened, including attorneys' fees and costs, court costs, defense costs and expert witness fees), where the same arise out of or are a consequence of, or are in any way attributable to, in whole or in part, the performance of this Agreement by Consultant or by any individual or entity for which Consultant is legally liable, including but not limited to officers, agents, employees or subcontractors of Consultant.

### 5.0 TERM

5.1 Term. Unless earlier terminated in accordance with Section 5.2 below, this Agreement shall continue in full force and effect until March 31, 2015 or until the Scope of Services is fully performed, whichever ever shall first occur.

5.2 Termination Prior to Expiration of Term. Either party may terminate this Agreement at any time, with or without cause, upon fourteen days' (14) prior written notice to the other party. Upon receipt of the notice of termination, Consultant shall immediately cease all work or services hereunder except as may be specifically approved by the Contract Officer. In the event of termination by the District, Consultant shall be entitled to compensation for all services rendered prior to the effectiveness of the notice of termination and for such additional services specifically authorized by the Contract Officer and District shall be entitled to reimbursement for any compensation paid in excess of the services rendered.

### 6.0 MISCELLANEOUS

6.1 Covenant Against Discrimination. Consultant covenants that, by and for itself, its heirs, executors, assigns and all persons claiming under or through it, that there shall be no discrimination against or segregation of, any person or group of persons on account of race, color, creed, religion, sex, marital status, national origin, or ancestry in the performance of this Agreement. Consultant shall take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, creed, religion, sex, marital status, national origin or ancestry.

6.2 Non-Liability of District Officers and Employees. No officer or employee of District shall be personally liable to the Consultant, or any successor in interest, in the event of any default or breach by District or for any amount which may become due to the Consultant or to its successor, or for breach of any obligation of the terms of this Agreement.

6.3 Conflict of Interest. No officer or employee of District shall have any financial interest in this Agreement nor shall any such officer or employee participate in any decision relating to the Agreement which affects his financial interest or the financial interest of any corporation, partnership or association in which he is, directly or indirectly, interested, in violation of any state statute or regulation. Consultant warrants and represents that it has not paid or given and will not pay or give any third party any money or other consideration for obtaining this Agreement. When requested by the Contract Officer, prior to the District's execution of this Agreement, Consultant shall provide District with an executed statement of economic interest.

6.4 Notice. Any notice or other communication either party desires or is required to give to the other party or any other person shall be in writing and either served personally or sent by prepaid, first-class mail, in the case of District, to District's Assistant General Manager and to the attention of the Contract Officer, Palmdale Water District, 2029 E. Avenue Q Street, Palmdale, California 93550, and in the case of the Consultant, to the person at the address designated on the execution page of this Agreement.

6.5 Interpretation. The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply.

6.6 Integration Amendment. It is understood that there are no oral agreements between the parties hereto affecting this Agreement and that this Agreement supersedes and cancels any and all previous negotiations, arrangements, agreements and understandings, if any, between the parties, and none shall be used to interpret this Agreement. This Agreement may be amended at any time by a writing signed by both parties.

6.7 Severability. In the event that part of this Agreement shall be declared invalid or unenforceable by a valid judgment or decree of a court of competent jurisdiction, such invalidity or unenforceability shall not affect any of the remaining portions of this Agreement which are hereby declared as severable and shall be interpreted to carry but the intent of the parties hereunder unless the invalid provision is so material that its invalidity deprives either party of the basic benefit of their bargain or renders this Agreement meaningless.

6.8 Waiver. No delay or omission in the exercise of any right or remedy by a nondefaulting party on any default shall impair such right or remedy or be construed as a waiver. A party's consent to or approval of any act by the other party requiring the party's consent or approval shall not be deemed to waive or render unnecessary the other party's consent to or approval of any subsequent act. Any waiver by either party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement.

6.9 Attorneys' Fees. If either party to this Agreement is required to initiate, defend or made a party to any action or proceeding in any way connected with this Agreement, the prevailing party in such action or proceeding, in addition to any other relief which may be granted, shall be entitled to reasonable attorneys' fees, whether or not the matter proceeds to judgment.

6.10 Corporate Authority. The persons executing this Agreement on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said party, (iii) by so executing this Agreement, such party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which said party is bound.

6.11 Warranty & Representation of Non-Collusion. No official, officer, or employee of District has any financial interest, direct or indirect, in this Agreement, nor shall any official, officer, or employee of District participate in any decision relating to this Agreement which may affect his/her financial interest or the financial interest of any corporation, partnership, or association in which (s)he is directly or indirectly interested, or in violation of any corporation, partnership, or association in which (s)he is directly or indirectly interested, or in violation of any State or municipal statute or regulation. The determination of "financial interest" shall be consistent with State law and shall not include interests found to be "remote" or "noninterests" pursuant to Government Code Sections 1091 or 1091.5. Consultant warrants and represents that it has not paid or given, and will not pay or give, to any third party including, but not limited to, any official, officer, or employee of the District, any money, consideration, or other thing of value as a result or consequence of obtaining or being awarded any agreement. Consultant further warrants and represents that (s)he/it has not engaged in any act(s), omission(s), or other conduct or collusion that would result in the payment of any money, consideration, or other thing of value to any third party including, but not limited to, any official, officer, or employee of the District, as a result of consequence of obtaining or being awarded any agreement. Consultant is aware of and understands that any such act(s), omission(s) or other conduct resulting in the payment of money, consideration, or other thing of value will render this Agreement void and of no force or effect.

Consultant's Authorized Initials \_\_\_\_\_

6.12 Prevailing Wages. Where applicable, Consultant shall comply with Labor Code Section 1775. In accordance with said Section 1775, the Consultant shall forfeit as a penalty to the District, a penalty in such amount as the Labor Commissioner shall determine for each calendar day or portion thereof for each worker paid less than the stipulated prevailing rates for such work or craft in which such worker is employed for any work done under this Agreement by them or by any sub-consultant under them in violation of the provisions of the Labor Code and, in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage rate shall be paid to each worker by the Consultant.

6.13 Ownership of Documents. District will make available to Consultant such materials from its files as may be required by Consultant to perform the Scope of Services. Such materials shall remain the property of the District while in Consultant's possession. Upon

termination of the Agreement or completion of work under the Agreement, Consultant shall turn over to the District any District property or materials in its possession and any calculations, notes, reports, electronic files or other materials prepared by Consultant in the performance of these services.

District may utilize any material prepared or work performed by Consultant in any manner, which District deems proper without additional compensation to Consultant. Consultant shall have no responsibility or liability for any revisions, changes or corrections made by District or any use or reuse pursuant to this paragraph unless Consultant accepts such responsibility in writing.

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 District.

Consultant shall not publish or use any advertising, sales promotion or publicity in matters relating to services, equipment, products, reports, and material furnished by Consultant in which District's name is used or its identity is implied without prior written approval by the District.

6.14 Jurisdiction and Venue. The validity, interpretation, and performance of this Agreement shall be controlled by and construed under the laws of the State of California. The parties hereto do hereby consent to the jurisdiction of the Superior Court of California, Los Angeles County, or the United States District Court for the Central District of California in the event any dispute arises in conjunction herewith.

[SIGNATURES ON NEXT PAGE]

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

**“DISTRICT”**  
PALMDALE WATER DISTRICT,

\_\_\_\_\_  
Dennis D. LaMoreaux, General Manager

APPROVED AS TO FORM:  
ALESHIRE & WYNDER, LLP

\_\_\_\_\_  
General Counsel

**“CONSULTANT”**  
BLACK & VEATCH CORPORATION

By: \_\_\_\_\_  
Name:  
Title:

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_  
E-Mail: \_\_\_\_\_

[END OF SIGNATURES]

Exhibit "A"

**SCOPE OF SERVICES**

A. Services: Consultant shall perform the following services:

○ **Anomaly Detection & Diagnostics**

Engineer will use MDalerts anomaly detection tool to provide monitoring, assessment, and evaluation of generated alerts. All detected problems will be screened and validated against available forms of plant context data, Engineer's experience, and the Issues Management knowledge base. Once validated to the extent practical, potential impacts and risks will be estimated and the problems will be documented via the Issues Management application.

○ **Trend Analysis & Reporting**

Engineer will periodically analyze the automated Trend Analysis Workbooks to review longer-term trends to identify other issues marked by slow degradation patterns, discussion/review of outstanding issues identified in weekly activities, and discussion of other performance/gaps/priorities facing Client and to support planning corrective actions. On a quarterly basis B&V will provide a report to Palmdale in a format as mutually agreed to by both parties. This report will include summary of wind speeds, power expected, power generated, operational availability and the offset billing for Southern California Edison. To the extent practical based on available data, the report will include a summary of total life-cycle savings from turbine electrical generation.

○ **Issues Management**

The web-based Issues Management Application will be the central hub for M&D issue notification, management and resolution. Engineer will work with Client to identify the station's primary, secondary and extended participants in the issue notification and management process. Engineer's assessment of issue criticality and cost will determine the means of notification to the nominated Client personnel. Black & Veatch will facilitate a conference call once a quarter to follow the status of active issues

B. Compensation and Schedule:

Engineer will perform the aforementioned services for a fixed fee of \$10,500.00.

The effective start date for the services will be April 1, 2014 and terminate on March 31, 2015.

Engineer will transmit to District Draft Quarterly reports within 10 business days of the end of the quarter. Engineer will transmit to District Final Quarterly reports within 5 days after receipt of any comments from District.

The scope defined above includes Routine Escalations from core monitoring activities. Routine Escalations include such things as solving occasional remote connection or computer problems, additional data analysis within current time periods to help understand a potential problem, discussions with plant personnel to help understand a potential problem, and reacting to routine plant performance questions asked by the plant. Routine Escalations would typically not include things such as a specific request from the plant to help with a capital project evaluation, evaluation of a long term issue outside of current time periods, or travel to the plant. No travel is included in the fixed fee.

Any requested extra work, such as non-Routine Escalations, will be noted as such by Black & Veatch and we will proceed with execution of such requests only after written agreement of the scope and expected cost. The cost of any such escalations will be billed on a time & material basis according to the terms of the Rate Sheet included as Appendix A.

**PALMDALE WATER DISTRICT  
BOARD MEMORANDUM**

**DATE:** August 7, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Mr. Matthew R. Knudson, Assistant General Manager  
**VIA:** Mr. Dennis D. LaMoreaux, General Manager  
**RE:** ***AGENDA ITEM NO. 6.4 – APPROVAL OF REVISIONS TO ORGANIZATION CHART***

---

**Recommendation:**

Staff and the Personnel Committee recommend that the Board approve the attached Organizational Structure, which transfers the System Supervisor, Electronic Technicians, Electricians, and Pump Technicians positions from the Operations Department to the Facilities Department.

**Background:**

The proposed Organization Structure will accomplish the following goals and improvements for the District:

- Provide the Facilities Department the staff and tools necessary to be responsible for the management, maintenance, and repair of all District infrastructure with the exception of the Water Treatment Plant and Lake Palmdale. The management, maintenance, and repair of the Water Treatment Plant will remain the responsibility of the Operations Department.
- Develop a group within the Facilities Department that specializes in the operation and maintenance for all infrastructure and equipment located at the remote well, booster, and tank sites (i.e. pumps, motors, electrical, instrumentation, and disinfection equipment).
- Maintain a group within the Facilities Department that specializes in the maintenance of the fleet, buildings and grounds, engines, generators, fabrication, and misc. equipment.
- Continue to train and develop the skills necessary for the Facilities Department staff to be positioned to take on the added responsibilities of an expanding water system.

BOARD OF DIRECTORS  
PALMDALE WATER DISTRICT

VIA: Mr. Dennis D. LaMoreaux, General Manager

August 7, 2014

- Increase the opportunities for cross training as related to the operation and maintenance of production and distribution facilities.
- Maintain the ability for Operations Department staff to directly coordinate and communicate with Facilities Department staff on emergency/time sensitive water production and/or water quality tasks that are critical to meeting public health and water supply needs.

**Strategic Plan Element:**

The approval of the proposed changes will accomplish goals set under Strategic Initiatives No. 2 – “Increased Efficiency” and Initiative No. 3 – “Infrastructure.”

**Budget:**

The approval of the attached Organizational Structure will have no impact on the 2014 Budget.

**Supporting Documents:**

- Proposed Organizational Structure



**PALMDALE WATER DISTRICT  
BOARD MEMORANDUM**

**DATE:** August 6, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Jon M. Pernula, Water and Energy Resources Director  
**VIA:** Mr. Dennis D. LaMoreaux, General Manager  
**RE:** *AGENDA ITEM NO. 6.5 – APPROVAL OF AGREEMENT BETWEEN SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT (SBVMWD), PALMDALE WATER DISTRICT (PWD), AND THE DEPARTMENT OF WATER RESOURCES (DWR) FOR TRANSPORTATION OF UP TO 2,500 ACRE FEET OF SUPPLEMENTAL EXCHANGE WATER IN 2014*

---

**Recommendation:**

Staff recommends the Board approve a three way transportation agreement between SBVMWD, PWD, and DWR facilitating the transportation of emergency needs water supplies in 2014 through an exchange with SBVMWD for water returned in future years.

**Background:**

In response to one of the driest water years in decades and a statewide drought, District staff has negotiated and secured a supplemental water supply from San Bernardino Valley Municipal Water District through an unbalanced multiyear exchange agreement. This water is needed to meet projected customer demands in 2014 and to fill the shortages we are experiencing due to extremely low 5% water allocations from DWR. The terms of the actual exchange have been negotiated and decided by both parties, and the exchange agreement has been signed.

To bring the exchange into full effect and in order to move the water to the District, we must enter into a necessary three way (SBVMWD, PWD, and DWR) transportation agreement. I have been working with DWR staff on the draft three way transportation agreement and have been assured that it will be completed post haste in order to accommodate moving SBVMWD water to PWD by the end of this month.

This exchange is a typical arrangement between State Water Contractors but is significant and highly prized as water supplies throughout the state are very scarce at this time. San Bernardino Valley Municipal Water District's cooperation and generosity in their offer to help meet PWD's critical needs is very commendable and shows a cooperative

BOARD OF DIRECTORS  
PALMDALE WATER DISTRICT  
VIA: Mr. Dennis D. LaMoreaux, General Manager

August 6, 2014

partnership effort that goes above and beyond, especially during this extremely dry year. The three way (SBVMWD, PWD, and DWR) transportation agreement is still in draft form but will be vetted through legal counsel prior to execution provided the Board takes action for authorization pending final review.

**Strategic Plan Element:**

Strategic Initiative 1: Strategic Water Management and Strategic Initiative 4: Regional Leadership

**Budget:**

N.A.

**Supporting Documents:**

- Three way DWR SBVMWD PWD transportation agreement
- Water exchange agreement between PWD and SBVMWD
- CEQA Notice of Exemption (NOE) filed in San Bernardino and Los Angeles Counties

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



AUG 01 2014

Mr. Dennis LaMoreaux, General Manager  
Palmdale Water District  
2029 East Avenue Q  
Palmdale, California 93550-4038

Mr. Douglas Headrick, General Manager  
San Bernardino Valley Municipal  
Water District  
380 East Vanderbilt Way  
San Bernardino, California 92408-3593

RECEIVED  
AUG 06 2014

This Letter Agreement, SWPAO #14013 (Agreement), is in response to Mr. Jon Pernula's letter dated July 3, 2014 requesting approval from the Department of Water Resources (DWR) for an exchange of up to 2,500 acre-feet of San Bernardino Valley Municipal Water District's (SBVMWD) approved State Water Project (SWP) carryover supplies to Palmdale Water District (PWD) in 2014. In return, PWD will provide to SBVMWD its approved future SWP supplies by December 31, 2018 based on an unbalanced exchange ratio of 2.25 to 1. That is, for every acre-foot of water delivered to PWD in 2014, 2.25 acre-feet will be returned in exchange to SBVMWD (up to 5,625 acre-feet) prior to December 31, 2018. DWR, PWD, and SBVMWD may be referred to in this Agreement individually by name or collectively as "Parties."

Due to critically dry hydrologic conditions in 2014, PWD has an urgent need to acquire supplemental supplies for its customers within its service area. This exchange will ease the need by providing additional water to PWD.

PWD, as lead agency under the California Environmental Act (CEQA), determined that this water exchange is exempt from CEQA and filed a Notice of Exemption (NOE) with the Counties of Los Angeles and San Bernardino on July 14, 2014. DWR, as a responsible agency, has considered this document prior to entering into this Agreement. DWR will file an NOE based on CEQA Guidelines Section 15301 (Existing Facilities) upon execution of this Agreement.

DWR is willing to approve the delivery of up to 2,500 acre-feet of SBVMWD's SWP supplies to PWD in 2014 in exchange for the return of PWD's approved future SWP supplies to SBVMWD based on a 2.25 to 1 unbalanced exchange, subject to the following terms and conditions:

## GENERAL PROVISIONS

1. DWR's approval under this Agreement is unique and shall not be considered a precedent for future agreements or DWR activities.
2. This Agreement shall become effective upon execution by all Parties and shall provide for the delivery of water to PWD by December 31, 2014. The return delivery of water to SBVMWD shall be completed by December 31, 2018. This Agreement shall remain in effect until all return water is delivered to SBVMWD or upon final payment to DWR of all costs attributable to this Agreement, whichever occurs later. However, the liability, hold harmless, and indemnification obligations in this Agreement shall remain in effect until December 31, 2022, or until any claim or litigation concerning this Agreement asserted to DWR, PWD, or SBVMWD as of December 31, 2022 is finally resolved, whichever occurs later.
3. The delivery and return water under this Agreement shall be contingent upon, and subject to, any necessary approvals and shall be governed by the terms and conditions of such approval(s) and any other applicable regulations. PWD and SBVMWD shall be responsible for complying with all applicable laws and regulations and for securing any required consent, permit, or order. PWD and SBVMWD shall furnish to DWR copies of all approvals and agreements required for the delivery of water under this Agreement.

## WATER DELIVERY FROM SBVMWD TO PWD

4. DWR will deliver up to 2,500 acre-feet of SBVMWD's approved SWP carryover supplies in San Luis Reservoir to PWD's turnout in Reach 20B of the California Aqueduct by December 31, 2014.
5. The delivery of a portion of SBVMWD's approved SWP supplies to PWD under this Agreement shall be in accordance with a schedule reviewed and approved by PWD and DWR. DWR's approval is dependent upon the times and amounts of the delivery and the overall delivery capability of the SWP. DWR shall not be obligated to deliver the water at times when such delivery would adversely impact SWP operations, facilities, or other SWP contractors.
6. The sum of deliveries scheduled to PWD under this Agreement, plus scheduled PWD SWP water deliveries, plus deliveries to PWD under any other agreements, shall not exceed the quantities on which the Proportionate Use-of-Facilities factors are based under PWD's long-term Water Supply Contract with DWR unless DWR determines that deliveries will not adversely impact SWP operations, facilities, or other SWP contractors.

## **RETURN WATER DELIVERY FROM PWD TO SBVMWD**

7. DWR will deliver up to 5,625 acre-feet, based on an unbalanced exchange ratio of 2.25 to 1, of PWD's future approved SWP supplies to SBVMWD's turnouts in various reaches of the California Aqueduct by December 31, 2018.
8. The delivery of PWD's return water to SBVMWD under this Agreement shall be in accordance with a schedule reviewed and approved by SBVMWD and DWR. DWR's approval is dependent upon the times and amounts of the delivery and the overall delivery capability of the SWP. DWR shall not be obligated to deliver the water at times when such delivery would adversely impact SWP operations, facilities, or other SWP contractors.
9. The sum of deliveries scheduled to SBVMWD under this Agreement, plus scheduled SBVMWD SWP water deliveries, plus deliveries to SBVMWD under any other agreements, shall not exceed the quantities on which the Proportionate Use-of-Facilities factors are based under SBVMWD's long-term Water Supply Contract with DWR unless DWR determines that deliveries will not adversely impact SWP operations, facilities, or other SWP contractors.

## **WATER DELIVERY SCHEDULES**

10. All water delivery schedules and revisions shall be in accordance with Article 12 of PWD's and SBVMWD's respective long-term Water Supply Contracts with DWR.
11. PWD and SBVMWD shall be responsible for coordinating and scheduling water delivery with DWR as described in this Agreement. PWD and SBVMWD shall submit a revised water delivery schedule to the State Water Project Analysis Office (SWPAO), Water Deliveries Section, indicating timing and point of delivery requested pursuant to this Agreement with reference to SWPAO #14013. Revised schedules shall be sent by electronic mail to: SWPDeliveries@water.ca.gov or by FAX to: (916) 653-9628, Attention: Chief, Water Deliveries Section.
12. PWD and SBVMWD shall submit weekly water schedules for the delivery of water under this Agreement to the Southern Field Division, Water Operations Section, indicating timing and point of delivery requested with reference to SWPAO #14013. Schedules shall be sent by electronic mail to: SFDwaterschedule@water.ca.gov or by FAX to: (661) 294-3651, Attention: Chief, Water Operations Section.

13. All weekly water schedules described above shall be submitted by 10:00 a.m. Wednesday, for the following week, Monday through Sunday.
14. Weekly water schedules shall also be concurrently sent by electronic mail or faxed to the State Water Project Operations Control Office:
  - a. Water Management Branch  
Water\_deliv\_sched@water.ca.gov  
FAX to: (916) 574-2785,  
Attention: Chief, Water Management Branch
  - b. Power Management and Optimization Branch  
Water\_deliv\_sched@water.ca.gov  
FAX to: (916) 574-2785,  
Attention: Chief, Power Management and Optimization Branch
  - c. Pre-Scheduling Section  
Presched@water.ca.gov  
FAX to: (916) 574-2782  
Attention: Chief, Pre-Scheduling Section

#### **WATER DELIVERY RECORDS**

15. DWR will maintain monthly records documenting the delivery of SBMWD's approved SWP water supplies to PWD under this Agreement, and the return of such water to SBMWD by PWD in future years. PWD and SBVMWD shall certify to SWPAO the quantity of water delivered to PWD and the quantity of the return water to SBMWD under this Agreement by January 31<sup>st</sup> of the year following the actual delivery.

#### **SWP ALLOCATION**

16. Water delivered to PWD or SBMWD under this Agreement shall not be considered by DWR in the determination of approved annual Table A allocation or allocation of other SWP water to PWD and SBVMWD under Article 18 of PWD's and SBVMWD's respective long-term Water Supply Contracts with DWR.

## **NO IMPACT**

17. This Agreement shall not be administered or interpreted in any way that would cause adverse impacts to SWP approved Table A water or to any other SWP approved water allocations, water deliveries, or SWP operations or facilities. PWD and SBVMWD shall be responsible, jointly and severally, as determined by DWR, for any adverse impacts that may result from the delivery of water under this Agreement.

## **CHARGES**

18. PWD and SBVMWD shall pay the following charges, including all future adjustments, which shall be calculated in the same manner as charges are calculated for SWP Table A deliveries and shall be in accordance with the provisions of PWD's and SBVMWD's long-term Water Supply Contracts with DWR. Charges shall be determined for the year the water is delivered and the year the water is returned.
  - a. When a portion of SBVMWD's approved SWP carryover supplies in San Luis Reservoir is delivered to PWD, PWD shall pay to DWR the charges associated with the delivery of the water from the Delta to PWD's turnouts in Reach 20B of the California Aqueduct. PWD shall pay the Variable Operation, Maintenance, Power, and Replacement Component of the Transportation Charge and the Off-Aqueduct Power Facilities Cost for each acre-foot of water delivered from the Delta to PWD's turnouts.
  - b. In any year that a portion of PWD's future approved SWP supplies is returned to SBVMWD under this Agreement, SBVMWD shall pay to DWR the charges associated with the delivery of the return water from the Delta to SBVMWD's various turnouts in the California Aqueduct. SBVMWD shall pay the Variable Operation, Maintenance, Power, and Replacement Component of the Transportation Charge and the Off-Aqueduct Power Facilities Cost for each acre-foot of water delivered from the Delta to SBVMWD's turnouts.
19. In addition to the charges identified above, PWD and SBVMWD agree to pay to DWR any identified demonstrable increase in costs that would otherwise be borne by the SWP contractors not signatory to this Agreement or by DWR, as a result of activities under this Agreement.
20. Payment terms shall be in accordance with PWD's and SBVMWD's long-term Water Supply Contracts with DWR.

## LIABILITY

21. Responsibility for water delivered under this Agreement shall be governed by Article 13 of PWD's and SBVMWD's respective long-term Water Supply Contracts, with responsibilities for liabilities under the terms of that article shifting from DWR to the Parties when the water passes through their designated delivery points.
22. PWD and SBVMWD agree to defend and hold DWR, its officers and employees, jointly and severally, harmless from any direct or indirect loss, liability, lawsuit, cause of action, judgment or claim, and shall indemnify DWR, its officers and employees, jointly and severally, for all lawsuits, costs, damages, judgments, attorney fees, and liabilities that DWR, its officers and employees incur as a result of DWR providing services under this Agreement, except to the extent resulting from the sole negligence or willful misconduct of DWR.
23. If uncontrollable forces preclude DWR from delivering water under this Agreement, either partially or completely, then DWR is relieved from the obligation to deliver the water under this Agreement to the extent that DWR is reasonably unable to complete the obligation due to the uncontrollable force. Uncontrollable forces shall include, but are not limited to earthquakes, fires, tornadoes, floods, and other natural or human caused disasters. PWD and SBVMWD shall not be entitled to recover any administrative costs or other costs incurred under this Agreement if uncontrollable forces preclude DWR from delivering the water.

## EXECUTION

24. This Agreement may be executed in counterpart. The parties agree to accept facsimile or electronic signatures as original signatures. The Agreement shall take effect as soon as all parties have signed.
25. Immediately after execution, PWD and SBVMWD shall transmit a copy of the executed Agreement by facsimile or e-mail to Robert Cooke, Chief, State Water Project Analysis Office at (916) 653-9628 FAX or swpao-chief@water.ca.gov and to each other at:

PWD: (661) 947-8604 FAX, or dlamoreaux@palmdalewater.org  
SBVMWD: (909) 387-9247 FAX, or douglash@sbgmwd.com

If PWD or SBVMWD requires a Board of Directors' approval of this Agreement, that party shall send a facsimile or electronic copy of the board approval to the other Parties.

Mr. Dennis LaMoreaux, General Manager, et al

AUG 01 2014

Page 7

If you have any questions or need additional information, you may contact Geoff Shaw of my staff at (916) 653-9593 and refer to SWPAO #14013.

Sincerely,

Robert B. Cooke, Chief  
State Water Project Analysis Office

ACCEPTED:

Palmdale Water District

San Bernardino Valley Municipal Water District

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

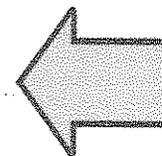
\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

cc: Mr. Terry Erlewine, General Manager  
State Water Contractors  
1121 L Street, Suite 1050  
Sacramento, California 95814



**SIGN  
HERE**

## PWD / SBVMWD WATER EXCHANGE AGREEMENT

This Water Exchange Agreement is made and entered into this 18<sup>th</sup> day of July, 2014 by and between San Bernardino Valley Municipal Water District, a California Municipal Water District ("SBVMWD") and Palmdale Water District ("PWD"), a California Irrigation District, organized and existing under Division 11 of the California Water Code.

This Agreement provides for the delivery of up to 2,500 acre-feet of water in 2014 from San Bernardino Valley Municipal Water District (SBVMWD) to Palmdale Water District (PWD) and for the future return of up to 5,625 acre feet (that is 225% of the quantity of water delivered under this Agreement) of PWD's Table A or previously stored water to SBVMWD by the year 2018.

In compliance with California Environmental Quality Act (CEQA), PWD will file Notices of Exemption (NOE) within the counties of San Bernardino and Los Angeles and the State Clearinghouse based on CEQA Guidelines Section 15301 (Operation of Existing Facilities). This NOE is based on the following considerations: the proposed project is a water management operation using only existing facilities within their authorized capacities for the exchange and future return of water from one SWP contractor's service area to another SWP contractor's service area, is wholly within the SWP place of use, and involves no change in land use.

DWR is willing to approve the delivery of up to 2,500 acre-feet of SBVMWD's 2014 Table A water, to PWD for the future return of up to 5,625 acre-feet (or 225% of actual water delivered, whichever is lower) of PWD's Table A water to SBVMWD, in accordance with the PWD/SBVMWD Agreement and under the following terms and conditions:

### **GENERAL PROVISIONS**

1. This Agreement provides for water deliveries to begin in July, 2014,. This Agreement shall become effective on the date of execution by all parties and shall terminate with the delivery of all return water to SBVMWD under this Agreement or on December 31, 2018, whichever comes first. This approval is unique and shall not be considered a precedent for future agreements.
2. The delivery and return of water pursuant to this Agreement shall be contingent on and subject to, any necessary approvals and shall be governed by the terms and conditions of

such approval(s) and any other applicable regulations. SBVMWD and PWD shall be responsible for complying with all applicable laws and regulations and for securing any required consent, permit or order. SBVMWD and PWD shall furnish to DWR copies of all approvals and agreements required for the delivery of water under this Agreement.

#### **WATER DELIVERY TO PWD**

3. This Agreement provides for the delivery of up to 2,500 acre-feet to PWD in Reach 20B of the California Aqueduct during July-December 2014 (unless extended into January by carryover otherwise permitted) and shall be from SBVMWD's 2014 Table A allotment or carryover supply. DWR will maintain records documenting the delivery of SBVMWD's 2014 Table A or carryover water to PWD and the delivery of return water to SBVMWD. Upon full execution of this Agreement, SBVMWD shall request that DWR transfer up to 2,500 acre-feet of its 2014 Table A or carryover water to Palmdale at Reach 20B of the California Aqueduct based on actual daily delivery requests by Palmdale. Palmdale will notify DWR that it has taken ownership of the water.

#### **RETURN WATER DELIVERY BY EXCHANGE OF SBVMWD'S TABLE A WATER**

4. This Agreement provides for the return of up to 5,625 acre-feet to SBVMWD by December 31, 2018. Return water delivered to SBVMWD may be from PWD's future Table A water allocation in the year that water is returned, or from other PWD sources into either San Luis Reservoir or to Reach 19 of the East Branch of the State Water Project.
5. During calendar year 2015, Palmdale shall return to SBVMWD a quantity of Article 56c water equal to the amount delivered by SBVMWD to PWD in 2014. This water will be delivered to San Luis Reservoir or to Reach 19 of the East Branch of the State Water Project. Palmdale would be responsible for returning within the remaining three years (2016 through 2018) a second additional quantity of Article 56c or other water equal to one and one quarter times ( $1\frac{1}{4}$ ) the amount delivered in 2014. This second additional quantity of return water combined with the above will be equal to two and one-quarter times the amount of the 2014 delivery effecting the "two and one quarter for one exchange". SBVMWD shall assume its own financial obligations for SWP variable and off-aqueduct costs incurred when it takes delivery of return water pursuant to this Agreement. SBVMWD may request in writing the return delivery of up to 100% of the second additional quantity whenever the DWR allocations of SWP Water exceeds 25% of the Table A amount. Palmdale shall

use its best efforts to affect the exchange provided that Palmdale determines such action will not constitute a water supply hardship and deliveries to meet service demands are not unreasonably impaired within Palmdale's service area.

6. PWD shall coordinate with SBVMWD for the delivery to SBVMWD of return water. SBVMWD shall be responsible for scheduling the water deliveries with DWR. The delivery of return water to SBVMWD shall be in accordance with a schedule approved by DWR. DWR's approval is dependent upon the times and amounts of the delivery and the overall delivery capability of the SWP. DWR shall not be obligated to deliver the water at times when such delivery would adversely impact SWP operations, facilities, or other SWP contractors. All water delivery schedules and revisions shall be in accordance with Article 12 of SBVMWD's and PWD's respective long-term Water Supply Contracts with DWR.
7. SBVMWD shall submit to the State Water Project Analysis Office for approval (Attention: Chief, Water Deliveries Section, FAX (916) 653-9628) revised monthly water delivery schedules indicating timing and location of the return water delivered pursuant to this Agreement, and shall reference this Agreement (#).
8. SBVMWD shall submit weekly schedules for the delivery of the return water pursuant to this Agreement to the Southern Field Division Operations Branch (Attention: Chief, Water Operations Section, FAX (661) 858-5501). The schedules shall be submitted by 10:00 a.m. Wednesday for the following week (Monday through Sunday) and shall be concurrently faxed to the following:

State Water Project Operations Control Office

Chief, Pre-Scheduling Section, FAX (916) 574-2782

Chief, Operations Scheduling Section, FAX (916) 574-2785

#### **WATER DELIVERY RECORD**

9. DWR will maintain monthly records accounting for SBVMWD's Table A water delivered to PWD pursuant to this Agreement. PWD shall certify to DWR's State Water Project Analysis Office by January 31, 2015 of the quantity of SBVMWD's Table A water delivered to PWD for the year 2014.

**NO IMPACT**

10. This Agreement shall not be administered or interpreted in any way that would cause adverse impacts to SWP approved Table A water or any other SWP approved water allocations, water deliveries, and SWP/Central Valley Project operations and facilities.

### SWP ALLOCATION

11. Water returned to SBVMWD pursuant to this Agreement shall not be considered by DWR in the determination of approved annual Table A deliveries to or allocation of other SWP water to SBVMWD under Article 18 of SBVMWD's long-term Water Supply Contract with DWR.

### CHARGES AND CREDITS

12. SBVMWD and PWD shall pay the following charges, including all future adjustments, which shall be calculated in the same manner as charges are calculated for Table A deliveries and said be in accordance with the provisions of SBVMWD's and's PWD long-term Water Supply Contracts. Charges for the delivery of water to PWD shall be determined based on 2014 charges. Charges for the return water shall be determined the year the water is returned.

- a. Water Delivered to PWD

Under this Agreement, DWR has, or will convey a portion of SBVMWD's SWP Table A carry over water from the Delta to PWD's turnout(s) located in Reach 20B of the California Aqueduct. PWD shall pay to DWR the charges associated with the delivery of water from the Delta to PWD's turnout located in Reach 20B of the California Aqueduct. PWD shall pay to DWR the Variable Operation, Maintenance, Power and Replacement Component of the Transportation Charge and the Off-Aqueduct Power Facility Costs for each acre-foot of water delivered to PWD's turnout.

- b. Return Water Delivered

In any year that a portion of PWD's future Table A water is returned to SBVMWD service area pursuant to this Agreement, SBVMWD shall pay to DWR the charges associated with the delivery of the return water from the Delta to SBVMWD's turnout located in Reach VEBX-R1 of the California Aqueduct. SBVMWD shall pay to DWR the Variable Operation, Maintenance, Power and Replacement Component of the Transportation Charge and the Off-Aqueduct Power Facility costs for each acre-foot of water delivered through SBVMWD's turnout VEBX-R1 in effect for the year in which the water is returned to SBVMWD.

- c. In addition to the charges identified above, PWD and SBVMWD agree to pay to DWR any identified demonstrable increase in costs that would otherwise be borne by DWR or by the SWP contractors not signatory to this Agreement as a result of providing service under this Agreement.
- d. Payment terms shall be in accordance with SBVMWD's and PWD's long-term Water Supply Contracts.

## LIABILITY

13. DWR is providing water delivery service through the State Water Project only, and assumes no liability for water delivered to PWD or SBVMWD under this agreement beyond the designated point of delivery.
14. PWD shall be responsible for any adverse impacts that may result from deliveries under this Agreement as determined by DWR. In itself, any increase or change in timing of deliveries of return water to SBVMWD as a result of this Agreement shall not be considered an adverse impact.
15. In the event that any claim or liability against DWR or its Directors, officers or employees, jointly or severally, arises as a result of this Agreement, SBVMWD and PWD shall jointly defend, indemnify, and hold DWR, its Directors, officers, or employees harmless from any such claim, except to the extent that such claim arises from the sole negligence or willful misconduct of DWR.

## EXECUTION

16. This Agreement may be executed in counterparts. The parties agree to accept facsimile signatures as original signatures. The Agreement shall take effect as soon as all parties have signed. Immediately after execution, SBVMWD and PWD shall transmit a copy of the executed Agreement by facsimile to Craig Trombly, Chief, State Water Project Analysis Office at (916) 653-9623 and to each of the other parties.

ACCEPTED:

**PALMDALE WATER DISTRICT**

Denis D. Rammus

Name

GENERAL MANAGER

Title

7/18/14

Date

**SAN BERNARDINO VALLEY  
MUNICIPAL WATER DISTRICT**

C. Patrick Milligan

Name

C. Patrick Milligan, Board President

Title

July 15, 2014

Date

**APPROVED AS TO FORM:**

[Signature]

Attorney for San Bernardino Valley Municipal  
Water District

**APPROVED AS TO FORM:**

[Signature]

Aleshire & Wynder LLP,  
Attorney for Palmdale Water District

DATE FILED & POSTED

Posted On: 7/14/14

Removed On: 8/25/14

Receipt No: 44101012

NOTICE OF EXEMPTION

TO: Office of Planning and Research  
P.O. Box 3044, room 212  
Sacramento, Ca. 95812-3044

FROM: Palmdale Water District  
2029 East Avenue Q  
Palmdale, CA 93550

County Clerk  
County of Los Angeles  
12400 Imperial Highway  
Norwalk, CA 90650

County Clerk  
County of San Bernardino  
385.N.Arrowhead,Ave  
San Bernardino, CA 92415

2014 JUL 14 AM 10:43  
COUNTY OF SAN BERNARDINO  
CALIFORNIA  
CLERK OF THE  
BOARD OF SUPERVISORS

Project Title:

State Water Exchange between San Bernardino Municipal Water District (SBVMWD) and Palmdale Water District (PWD) with Delivery to Palmdale Water District

Project Location-Specific:

PWD is a State Water Project contractor in Los Angeles County. SBVMWD is a State Water Project contractor in San Bernardino County. The State Water Project (SWP) includes existing facilities located throughout the State of California which transport water to SWP contractors. Water will be transported from San Luis Reservoir in Merced County to Reach 20B of the California Aqueduct in Los Angeles County.

Project Location-City:

Project Location-County:

Antelope Valley

Los Angeles

Description of Nature, Purpose, and Beneficiaries of Project:

SBVMWD will exchange up to 2,500 AF of SBVMWD's 2014 Table A allocation with PWD. The water will be delivered to PWD's State Water Project turnout in Reach 20B of the California Aqueduct in Los Angeles County. In exchange prior to Dec 31<sup>st</sup>, 2018 PWD will repay SBVMWD two and 1/4 acre feet of water for each one acre foot delivered (up to 5,625 AF) to which PWD would otherwise take delivery. All water will be transferred via existing SWP facilities.

Name of Public Agency Approving Project:

---

Palmdale Water District, San Bernardino Municipal Water District and California  
Department of Water Resources

---

Name of Person or Agency Carrying Out Project:

Palmdale Water District, San Bernardino Municipal Water District and California  
Department of Water Resources

---

Exempt Status (Check One):

Ministerial. See Section 15268.

Declared Emergency. See Section 15269 (a).

Emergency Project. See Section 15269(b) and (c).

Categorical Exemption. State type and section number: Section 15301, Class 1 (f)

---

Reasons Why Project is Exempt:

: For the reasons stated below, this project is determined to be exempt per CEQA Guidelines section 15061 (b)3 which provides that a lead agency may determine an activity to be exempt based upon the general rule that CEQA applies only to projects that have a potential for significant effect on the environment. Further, this project is categorically exempt under CEQA Guidelines section 15301 (b) (operation of existing facilities used to provide public utility services which involves a negligible or no expansion of the existing use).

1. The water exchange that is the subject of the agreement is temporary and made for the purposes of assisting PWD to provide an emergency relief water supply to its customers. No land will be irrigated or placed into production and no new development will occur as a result of this proposed exchange. Only beneficial impacts will occur for PWD and SBVMWD. SB 571263
2. PWD will use this water to serve its existing customers. It will not be used for new development since it a one-time transfer.
3. SBVMWD does not intend to use the water to be exchanged during the time period relevant to the exchange, so no environmental impacts will occur in the SBVMWD service area.
4. The water exchanged would otherwise be stored in San Luis Reservoir, which has a capacity of 2,027,835 AF. 2,500 AF represents 0.12% of the reservoir capacity. The removal of 2,500 AF from this facility will have no discernable impact on the reservoir or its environment.

---

5. The water exchanged will be delivered to PWD State Water turnout for delivery to its customers.

6. PWD's obligation to repay the exchange back to SBVMWD in the future does not give rise to potential environmental impacts because the obligation is limited to years in which PWD customers are agreeable to accept a reduction in their overall water supplies; such reductions are not expected to materially impact the water supplies available within PWD.

7. The agreement provides adequate advance notice to allow PWD to manage its supplies to plan for the return of the exchanged water such that the return will not materially adversely impact its water supplies.

8. The amount of water involved in the temporary transfer is small in proportion to the total supplies of each agency.

---

Contact Person:	Area Code:	Telephone:	Extension:
Jon M Pernula	(661)	947-4111	x105

---

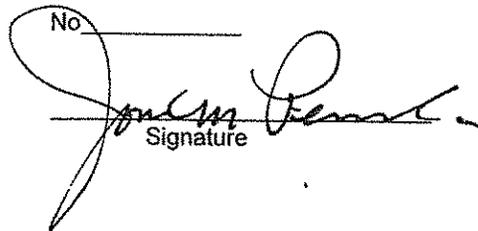
If filed by applicant:

1. Attached certified document of exemption finding.
2. Has notice of exemption been filed by the public agency approving the project?

Yes   X  

No           

Date: 7/11/2014

  
Signature

Water and Energy Resources Director  
Title



State of California - Department of Fish and Wildlife  
**2014 ENVIRONMENTAL FILING FEE CASH RECEIPT**  
 DFW 753.5a (Rev. 09/13)

RECEIPT #

**446612**

STATE CLEARING HOUSE # (if applicable)

**SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY**

LEAD AGENCY Palmdale Water District DATE 7/14/14  
 COUNTY/STATE AGENCY OF FILING San Bernardino County DOCUMENT NUMBER  
 PROJECT TITLE State Water Delivery System (SBVWD) and (PND) with delivery to Palmdale Water District  
 PROJECT APPLICANT NAME Palmdale Water District PHONE NUMBER (661) 267-4111 x10  
 PROJECT APPLICANT ADDRESS 3024 West Avenue G CITY Palmdale STATE CA ZIP CODE 93550  
 PROJECT APPLICANT (Check appropriate box):  
 Local Public Agency  School District  Other Special District  State Agency  Private Entity

**CHECK APPLICABLE FEES:**

- Environmental Impact Report (EIR) \$3,029.75
- Mitigated/Negative Declaration (MND)(ND) \$2,181.25
- Application Fee Water Diversion (State Water Resources Control Board only) \$850.00
- Projects Subject to Certified Regulatory Programs (CRP) \$1,030.25
- County Administrative Fee \$50.00
- Project that is exempt from fees
- Notice of Exemption (attach)
- CDFW No Effect Determination (attach)
- Other

**PAYMENT METHOD:**

- Cash
- Credit
- Check
- Other

#048230140-35821222

TOTAL RECEIVED \$ 50.00

**SIGNATURE**

[Signature] TITLE Deputy Clerk

**PALMDALE  
WATER DISTRICT  
BOARD MEMORANDUM**

---

**DATE:** August 7, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Mr. Bob Egan, Financial Advisor  
**RE:** ***AGENDA ITEM NO. 7.1 – STATUS REPORT ON CASH FLOW STATEMENT  
AND CURRENT CASH BALANCES AS OF JUNE 30, 2014***

---

Attached is the Investment Funds Report and current cash balance as of June 30, 2014. The reports will be reviewed in detail at the Board meeting.

PALMDALE WATER DISTRICT  
INVESTMENT FUNDS REPORT

		June 30, 2014				June-14	May-14
DESCR							
<b>CASH</b>							
0-0103	Citizens/US Bank - Checking					495,738.34	141,146.15
0-0104	Citizens- Merchant					66,680.72	90,923.95
						Bank cash	232,070.10
						562,419.06	
0-0119	PETTY CASH					300.00	300.00
0-0120	CASH ON HAND					3,400.00	3,400.00
	<b>TOTAL CASH</b>					<b>566,119.06</b>	<b>235,770.10</b>
<b>INVESTMENTS</b>							
0-0110	UBS ACCOUNT SS 11469 GG						
	UBS RMA Government Portfolio					5,329,827.35	7,814,848.95
	UBS Bank USA Dep acct					250,000.00	250,000.00
	Accrued interest					208.71	0.00
						5,580,036.06	8,064,848.95
		<u>1</u>	<u>CD'S</u>	<u>Due</u>	<u>Rate</u>	<u>Face Value</u>	
		2	Homestreet Bk WA	12/08/14	2.00	240,000	239,712.00
		3	Discover Bk DE	12/11/14	0.25	240,000	239,755.20
		4	Bk of China NY US	12/11/14	0.25	240,000	239,755.20
		5	Berkshire Bk MA	12/12/14	0.25	240,000	239,647.20
		6	First B & T IL	12/15/14	0.15	240,000	239,692.80
		7	1st Niagra Bk NY	12/15/14	0.25	240,000	239,745.60
		8	Comentity Bk DE	12/18/14	0.30	200,000	200,000.00
		9	Peoples United CT	12/18/14	0.25	120,000	119,868.00
			Citizens Bk PA	12/18/14	0.30	240,000	239,791.20
						2,000,000	1,997,967.20
							0.00
						Total acct	7,578,003.26
							8,064,848.95
0-1110	UBS ACCOUNT SS 11475 GG						
	UBS Bank USA Dep acct					250,000.00	250,000.00
	UBS RMA Government Portfolio					210,349.17	210,337.10
						Total acct	460,349.17
							460,337.10
0-0115	LAIF					Total acct	11,719.46
							11,719.46
0-0111	UBS ACCOUNT SS 11432 GG						
	UBS Bank USA Dep acct					82,912.44	250,000.00
	UBS RMA Government Portfolio					0.00	831,070.96
	Accrued interest					7,292.42	6,445.22
	<b>US GOVERNMENT SECURITIES:</b>						
	<u>ISSUE</u>	<u>EXPIR</u>			<u>MARKET</u>	<u>MARKET</u>	
	<u>DATE</u>	<u>ISSUER</u>	<u>DATE</u>	<u>RATE</u>	<u>PAR</u>	<u>VALUE</u>	
		FNMA	10/26/15	1.625	500,000	508,545.00	
		FFCB	06/02/16	0.375	1,000,000	997,400.00	
		FNMA	07/17/17	1.2	500,000	500,235.00	
		FHLB	12/28/17	0.95	500,000	494,590.00	
					2,500,000	2,500,770.00	
						1,505,880.00	
		<u>1</u>	<u>CD'S</u>	<u>Due</u>	<u>Rate</u>	<u>Face Value</u>	
		2	Bank of Baroda	11/12/14	0.45	240,000	239,990.40
		3	GE Capital Bank	05/01/15	0.60	64,000	64,010.24
		4	Ally Bank	05/06/15	0.60	240,000	240,024.00
		5	Sallie Mae Bank	11/06/15	0.85	240,000	240,415.20
		6	Goldman Sachs Bk	11/07/16	1.00	240,000	240,196.80
		7	CIT Bank	11/06/17	1.60	240,000	240,256.80
		8	BMW Bank	11/15/18	2.00	240,000	241,300.80
						1,504,000	1,506,194.24
							1,505,428
						<b>TOTAL MANAGED ACCOUNT</b>	<b>4,097,169.10</b>
							<b>4,098,824.02</b>
	<b>TOTAL INVESTMENTS</b>					<b>12,147,240.99</b>	<b>12,635,729.53</b>
	UBS ACCOUNT SS 24016					250,000.00	250,000.00
	Rate Stabilization Fund					230,104.34	230,084.54
						480,104.34	480,084.54
	<b>GRAND TOTAL CASH AND INVESTMENTS</b>					<b>13,193,464.39</b>	<b>13,351,584.17</b>
	Summary:						
	Checking	566,119				Incr (Decr)	(158,119.78)
	UBS MM	8,038,352					
	LAIF	11,719					
	UBS Investment	4,097,169					
	Rate Stab fund	480,104				BNY Mellon	
	Total	13,193,464				Construction	6,437,905.06
							7,352,177.22

07/14/14	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	YTD
	January	February	March	April	May	June	July	August	September	October	November	December		
Water Sales	1,649,955	1,630,351	1,685,802	1,701,439	1,914,996	2,081,078	2,202,000	2,407,000	2,455,000	2,288,000	2,076,000	1,766,000		23,857,620
	1,649,955	1,630,351	1,685,802	1,701,439	1,914,996	2,081,078	2,202,000	2,407,000	2,455,000	2,288,000	2,076,000	1,766,000		
Beginning Balance	12,223,261	12,094,245	12,669,343	10,569,481	12,638,008	13,351,585	13,193,464	12,978,640	12,372,652	9,701,295	8,382,224	8,214,527		
Water Receipts	1,955,377	1,805,677	1,780,736	1,691,040	1,777,997	2,046,064	2,202,000	2,407,000	2,455,000	2,288,000	2,076,000	1,766,000		24,250,891
Other							278,100							278,100
Total Operating Revenue	1,955,377	1,805,677	1,780,736	1,691,040	1,777,997	2,046,064	2,480,100	2,407,000	2,455,000	2,288,000	2,076,000	1,766,000		
Operating Expenses:														
Total Operating Expenses excl GAC	2,060,493	1,411,384	1,720,101	1,345,880	1,547,374	1,502,338	2,171,600	2,171,600	2,196,000	2,196,000	1,830,000	1,708,000		21,860,770
														1,996,850
Non-Operating Revenue Expenses:														
Assessments, net	636,921	291,389	7,906	1,958,367	720,021	7,737	80,205	145,000			237,000	2,647,000		6,731,546
Special Avek CIF Payment														0
Interest	3,782	3,457	3,899	3,224	3,195	3,676	2,083	2,083	2,083	2,083	2,083	2,083		33,733
Mkt adj	10,554	1,203	(4,828)	6,915	2,763	(6,882)								9,725
Grant Re-imburement														0
Capital Improvement Fees		2,538				0	6,667	6,667	6,667	6,667	6,667	6,667		42,538
														0
DWR Refund/( payment )					133,539									133,539
Other /Palmdale Redevel Agency	10,079	52,154	16,438	10,677	298,812	12,623	55,833	55,833	55,833	55,833	55,833	55,833		735,784
Total Non-Operating Revenues	661,336	350,742	23,415	1,979,183	1,158,329	17,154	144,788	209,583	64,583	64,583	301,583	2,711,583		7,686,864
Capital Expenditures	(106,595)	(13,862)	(321,802)	(119,918)	(533,132)	(104,335)	(74,066)	(581,964)	(446,000)	(329,646)	(241,273)	(76,955)		(2,949,548)
GAC								(300,000)	(300,000)	(340,000)	(340,000)	(340,000)		(1,280,000)
SWP Capitalized	(578,181)	(118,142)	(142,503)	(118,142)	(118,141)	(118,140)	(578,178)	(118,140)	(146,976)	(118,140)	(118,140)	(118,139)		(2,390,962)
Prepaid Insurance (paid) refunded			(67,580)					(35,000)		(165,000)				(267,580)
Bond Payments Interest			(1,126,124)						(1,118,296)					(2,244,420)
Principal			(504,974)						(967,800)					(1,472,774)
System Work for AVEK														0
Butte payments						(492,805)				(507,000)				(999,805)
Capital leases	(460)	(37,933)	(20,929)	(17,756)	(24,103)	(3,720)	(15,868)	(15,868)	(15,868)	(15,868)	(15,868)	(15,868)		(200,109)
Legal adjudication fees														0
Total Cash Ending Balance	12,094,245	12,669,343	10,569,481	12,638,008	13,351,585	13,193,464	12,978,640	12,372,652	9,701,295	8,382,224	8,214,527	10,773,148		(11,805,199)
												Budget	10,756,000	(2,121,484)
												diff	17,148	

**PALMDALE  
WATER DISTRICT  
BOARD MEMORANDUM**

**DATE:** August 6, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Michael Williams, Finance Manager/CFO  
**VIA:** Mr. Dennis LaMoreaux, General Manager  
**RE:** *AGENDA ITEM 7.2 – STATUS REPORT ON FINANCIAL STATEMENTS,  
REVENUE AND EXPENSE AND DEPARTMENTAL BUDGET REPORTS FOR  
JUNE 30, 2014*

---

**Discussion:**

Presented here are the Balance Sheet and Profit/Loss Statement for the period ending June 30, 2014. Also included are Year-To-Year Comparisons, and Month-To-Month Comparisons for both revenue and expense. Finally, I have provided individual departmental budget reports for the month of June, 2014.

This is the sixth month of the District's Budget Year 2014. The target percentage is 50%. Revenues ideally are at or above, and expenditures ideally are below.

**Balance Sheet:**

- Page 1 is our balance sheet on June 30, 2014.
- There are no significant changes from May to June.
- Page 2-A is provided to give historical information related to our long term assets. Looking back at 6 month intervals beginning in 2011 to present: our property, plant and equipment has declined \$9.4MM. Also, note that the bond issue will help in bringing our long term assets back up.

**Profit/Loss Statement:**

- Page 3 is our profit/loss statement on June 30, 2014.
- Operating revenue is at 44% of budget. In addition, reduced water sales for the six month period has water sales at only 38% of budget. These amounts are far below our target for this time of year.
- Cash operating expense is at 44% of budget. This is below the target of 50% which is where we like to be.
- There are a couple departments that continue to be over the respective target which have been discussed in the past.

**Year-To-Year Comparison P&L:**

- Page 7 is our comparison of June, 2013 to June, 2014.
- Total operating revenue is down \$59K, or 2.7%, due to lower water consumption. Water sales are down \$64K for the month.

BOARD OF DIRECTORS  
PALMDALE WATER DISTRICT

VIA: Mr. Dennis LaMoreaux, General Manager

-2-

August 6, 2014

- Operating expenditures are down by \$500K, or 25% - due mostly to the purchase of GAC and prior year OAP charges paid in 2013.
- Page 8 is a graphic presentation of the water consumption comparison. Units billed in acre feet were down by 106 or 5.3%. Total revenue per unit sold is up \$0.07, or 3%, total revenue per connection is down \$2.29 or 3%, and units billed per connection is down 1.94, or 6%.

**Revenue Analysis Year-To-Date:**

- Page 9 is our comparison of revenue, year to date.
- Operating revenue through June 2014 is down \$223K.
- Retail water sales are down by \$13K from last year. That's shown by the combined green highlighted area. Water sales alone are down \$104K.
- For the months January through June, in 2014 we have sold 33 acre feet less water than last year. However, for the months April through June 2014, we have sold 237 acre feet less than last year.
- Total revenue is up \$756K. This is due mostly to assessments received.
- Operating revenue through June, 2014 is at 43% of budget, last year we were at 47% of budget. This too is reflective of reduced water sales.

**Expense Analysis Year-To-Date:**

- Page 11 is our comparison of expense, year-to-date.
- Cash Operating Expenses through June, 2014 are up by \$1.2MM, or 11%, compared to 2013 due to plant expenditures and the Wood settlement payment.
- Total Expenses are up \$645K, or 4%, for the same reasons.

**Departments:**

- Pages 14 through 22 are detailed budgets of each department.

**Non-Cash Definitions:**

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

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

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

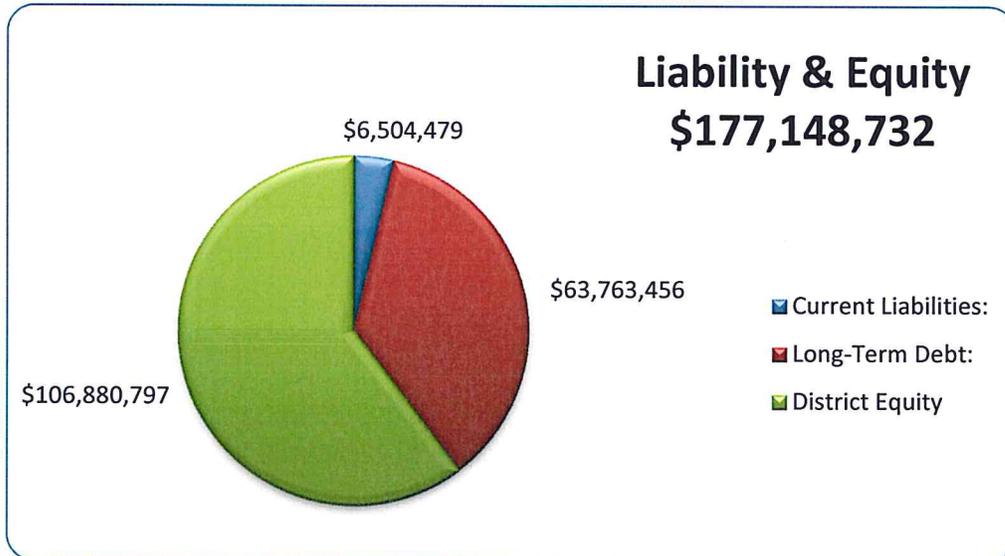
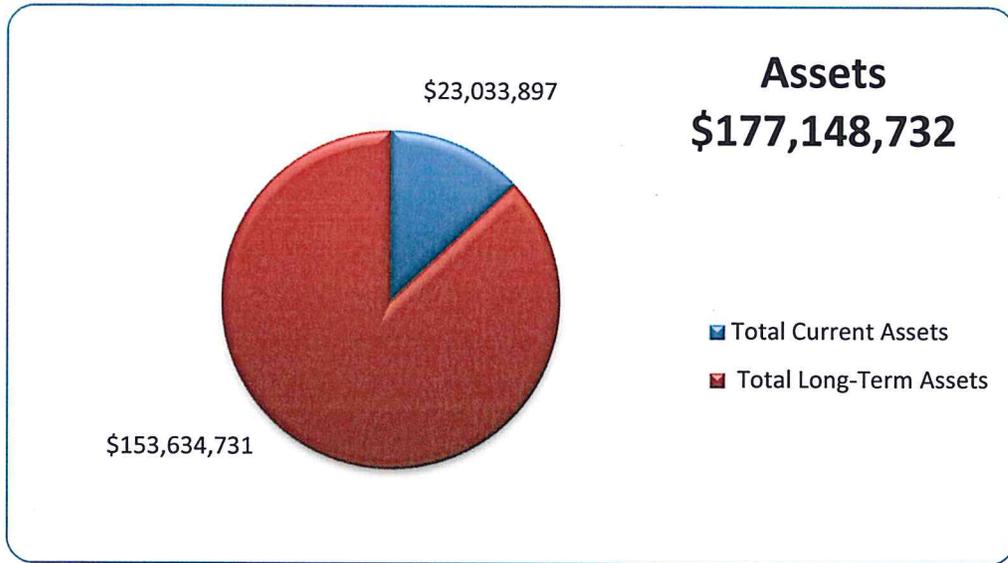
**Service Cost Construction:** The value of material, parts & supplies from inventory used to construct, repair and maintain our asset infrastructure.

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

**Palmdale Water District**  
**Balance Sheet Report**  
**For the Six Months Ending 6/30/2014**

	June 2014	May 2014
<b>ASSETS</b>		
<b>Current Assets:</b>		
Cash and Cash Equivalents	\$ 566,119	\$ 235,770
Investments	12,147,241	12,635,730
2013A Bonds - Project Funds	6,257,563	6,536,841
	<b>\$ 18,970,923</b>	<b>\$ 19,408,341</b>
<b>Receivables:</b>		
Accounts Receivables - Water Sales	\$ 1,835,678	\$ 1,727,651
Accounts Receivables - Miscellaneous	43,763	43,393
Allowance for Uncollected Accounts	(214,349)	(211,333)
	<b>\$ 1,665,092</b>	<b>\$ 1,559,711</b>
Interest Receivable	\$ -	\$ -
Assessments Receivables	1,569,239	1,576,976
Meters, Materials and Supplies	734,389	761,596
Prepaid Expenses	94,254	116,303
<b>Total Current Assets</b>	<b>\$ 23,033,897</b>	<b>\$ 23,422,927</b>
<b>Long-Term Assets:</b>		
Property, Plant, and Equipment, net	\$ 114,437,203	\$ 114,560,957
Participation Rights in State Water Project, net	38,963,644	39,005,014
2013A Bonds - Insurance & Surety Bond	233,885	234,551
	<b>\$ 153,634,731</b>	<b>\$ 153,800,522</b>
<b>Restricted Cash:</b>		
Rate Stabilization Fund	480,104	480,085
<b>Total Long-Term Assets &amp; Restricted Cash</b>	<b>\$ 154,114,836</b>	<b>\$ 154,280,606</b>
<b>Total Assets</b>	<b>\$ 177,148,732</b>	<b>\$ 177,703,533</b>
<b>LIABILITIES AND DISTRICT EQUITY</b>		
<b>Current Liabilities:</b>		
Current Interest Installment of Long-term Debt	\$ 559,123	\$ 372,740
Current Principal Installment of Long-term Debt	1,137,998	1,137,998
Accounts Payable and Accrued Expenses	4,929,699	5,171,878
Deferred Assessments	(122,342)	(114,605)
<b>Total Current Liabilities</b>	<b>\$ 6,504,479</b>	<b>\$ 6,568,012</b>
<b>Long-Term Debt:</b>		
Pension-Related Debt	\$ 1,084,487	\$ 1,084,487
OPEB Liability	8,373,509	8,223,914
2013A Water Revenue Bonds	43,944,977	43,947,227
2012 - Certificates of Participation	10,035,749	10,028,952
2011 - Capital Lease Payable	324,734	338,893
<b>Total Long-Term Liabilities</b>	<b>\$ 63,763,456</b>	<b>\$ 63,623,473</b>
<b>Total Liabilities</b>	<b>\$ 70,267,935</b>	<b>\$ 70,191,485</b>
<b>District Equity</b>		
Revenue from Operations	\$ (1,791,372)	\$ (1,160,122)
Retained Earnings	108,672,169	108,672,169
<b>Total Liabilities and District Equity</b>	<b>\$ 177,148,732</b>	<b>\$ 177,703,533</b>

# BALANCE SHEET AS OF JUNE 30, 2014



**Palmdale Water District  
Balance Sheet Report**

	December 2011	June 2012	December 2012	June 2013	December 2013	June 2014
<b>ASSETS</b>						
<b>Current Assets:</b>						
Cash and Cash Equivalents	\$ 419,408	\$ 282,034	\$ 263,104	\$ 1,078,421	\$ 1,382,140	\$ 566,119
Investments	7,383,477	8,264,943	8,996,049	9,927,627	10,354,334	12,147,241
2013A Bonds - Project Funds				8,500,000	7,761,016	6,257,563
	<u>\$ 7,802,885</u>	<u>\$ 8,546,977</u>	<u>\$ 9,259,153</u>	<u>\$ 19,506,048</u>	<u>\$ 19,497,490</u>	<u>\$ 18,970,923</u>
<b>Receivables:</b>						
Accounts Receivables - Water Sales	\$ 1,985,688	\$ 1,871,654	\$ 2,057,307	\$ 1,710,770	\$ 1,882,658	\$ 1,835,678
Accounts Receivables - Miscellaneous	49,712	59,789	464,256	251,851	65,858	43,763
Allowance for Uncollected Accounts	(264,336)	(264,336)	(49,317)	(49,317)	(257,023)	(214,349)
	<u>\$ 1,771,063</u>	<u>\$ 1,667,106</u>	<u>\$ 2,472,246</u>	<u>\$ 1,913,304</u>	<u>\$ 1,691,493</u>	<u>\$ 1,665,092</u>
Interest Receivable	\$ 30,945	\$ -	\$ 5,416	\$ 9	\$ 6,750	\$ -
Assessments Receivables	4,000,367	1,175,287	4,003,084	411,521	5,191,581	1,569,239
Meters, Materials and Supplies	712,744	667,042	938,813	940,185	829,522	734,389
Prepaid Expenses	319,901	103,561	232,700	75,592	300,247	94,254
<b>Total Current Assets</b>	<b>\$ 14,637,906</b>	<b>\$ 12,159,973</b>	<b>\$ 16,911,413</b>	<b>\$ 22,846,659</b>	<b>\$ 27,517,082</b>	<b>\$ 23,033,897</b>
<b>Long-Term Assets:</b>						
Property, Plant, and Equipment, net	\$ 123,933,169	\$ 122,254,045	\$ 120,177,493	\$ 116,988,270	\$ 115,534,691	\$ 114,437,203
Participation Rights in State Water Project, net	34,874,988	35,258,014	36,629,340	37,198,967	38,757,005	38,963,644
Bond Issuance Cost, Net	704,158	685,211	786,956	260,926	246,822	-
2013A Bonds - Cost of Issuance				1,135,017	1,159,832	-
2013A Bonds - Insurance & Surety Bond				241,881	237,883	233,885
	<u>\$ 159,512,315</u>	<u>\$ 158,197,270</u>	<u>\$ 157,593,790</u>	<u>\$ 155,825,061</u>	<u>\$ 155,936,232</u>	<u>\$ 153,634,731</u>
<b>Restricted Cash:</b>						
Debt Reserve Fund - 1998 Bonds	\$ 1,661,732	\$ 1,677,259	\$ -	\$ -	\$ -	\$ -
Rate Stabilization Fund	-	-	-	-	480,000	480,104
	<u>\$ 1,661,732</u>	<u>\$ 1,677,259</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 480,000</u>	<u>\$ 480,104</u>
<b>Total Long-Term Assets &amp; Restricted Cash</b>	<b>\$ 161,174,046</b>	<b>\$ 159,874,528</b>	<b>\$ 157,593,790</b>	<b>\$ 155,825,061</b>	<b>\$ 156,416,232</b>	<b>\$ 154,114,836</b>
<b>Total Assets</b>	<b>\$ 175,811,952</b>	<b>\$ 172,034,501</b>	<b>\$ 174,505,203</b>	<b>\$ 178,671,720</b>	<b>\$ 183,933,314</b>	<b>\$ 177,148,732</b>

**Palmdale Water District**  
**Consolidated Profit and Loss Statement**  
**For the Six Months Ending 6/30/2014**

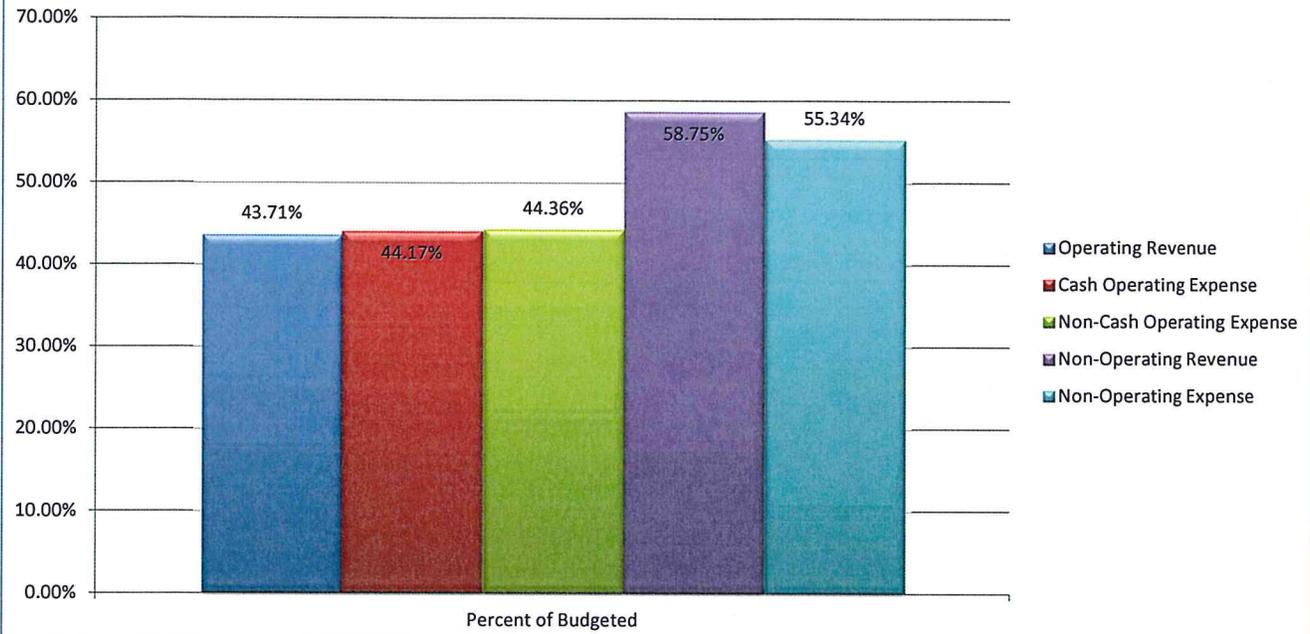
	Thru May	June	Year-to-Date	Adjustments	Adjusted Budget	% of Budget
<b>Operating Revenue:</b>						
Wholesale Water	\$ 17,910	\$ 20,881	\$ 38,791		\$ 225,000	17.24%
Water Sales	2,621,550	793,170	3,414,720		9,053,000	37.72%
Meter Fees	4,687,852	944,716	5,632,568		11,255,000	50.05%
Water Quality Fees	511,316	162,490	673,805		1,638,000	41.14%
Elevation Fees	151,326	50,142	201,468		525,000	38.37%
Other	592,255	109,680	701,935		1,700,000	41.29%
<b>Total Water Sales</b>	<b>\$ 8,582,210</b>	<b>\$ 2,081,078</b>	<b>\$ 10,663,287</b>	<b>\$ -</b>	<b>\$ 24,396,000</b>	<b>43.71%</b>
<b>Cash Operating Expenses:</b>						
Directors	\$ 55,711	\$ 12,407	\$ 68,118		\$ 114,500	59.49%
Administration*	1,595,932	230,168	1,826,100	(40,000)	3,450,000	52.93%
Engineering	422,687	81,868	504,555		1,079,800	46.73%
Facilities	1,225,069	213,903	1,438,972		3,408,500	42.22%
Operations	2,091,762	487,416	2,579,178		5,453,500	47.29%
Finance	1,279,754	250,562	1,530,316		2,968,750	51.55%
Water Conservation	55,990	11,634	67,624		270,000	25.05%
Human Resources*	102,878	4,458	107,336	40,000	255,300	42.04%
Information Technology	359,663	48,959	408,623		828,600	49.31%
Water Purchases	836,608	122,865	959,473		2,400,000	39.98%
Water Purchases-Prior Year OAP	683	-	683		250,000	0.27%
Water Recovery	(45,665)	(34,012)	(79,677)		(100,000)	79.68%
Plant Expenditures	1,149,688	101,813	1,251,502		2,143,500	58.39%
GAC Filter Media Replacement	9,171	-	9,171		1,638,000	0.56%
<b>Total Cash Operating Expenses</b>	<b>\$ 9,139,931</b>	<b>\$ 1,532,042</b>	<b>\$ 10,671,973</b>	<b>\$ -</b>	<b>\$ 24,160,450</b>	<b>44.17%</b>
<b>Non-Cash Operating Expenses:</b>						
Depreciation	\$ 2,763,790	\$ 546,158	\$ 3,309,947		\$ 7,350,000	45.03%
OPEB Accrual Expense	834,375	166,875	1,001,250		2,000,000	50.06%
Bad Debts	24,549	55	24,604		100,000	24.60%
Service Costs Construction	5,788	85	5,873		125,000	4.70%
Capitalized Construction	(383,344)	(154,555)	(537,899)		(1,000,000)	53.79%
<b>Total Non-Cash Operating Expenses</b>	<b>\$ 3,245,157</b>	<b>\$ 558,617</b>	<b>\$ 3,803,774</b>	<b>\$ -</b>	<b>\$ 8,575,000</b>	<b>44.36%</b>
<b>Net Operating Profit/(Loss)</b>	<b>\$ (3,802,879)</b>	<b>\$ (9,582)</b>	<b>\$ (3,812,461)</b>	<b>\$ -</b>	<b>\$ (8,339,450)</b>	<b>45.72%</b>
<b>Non-Operating Revenues:</b>						
Assessments (Debt Service)	\$ 2,749,038	\$ 910	\$ 2,749,948		\$ 4,400,000	62.50%
Assessments (1%)	1,113,692	6,827	1,120,518		1,800,000	62.25%
DWR Fixed Charge Recovery	133,539	-	133,539		100,000	133.54%
Interest	34,156	(3,206)	30,950		25,000	123.80%
Capital Improvement Fees	9,889	-	9,889		150,000	6.59%
State Grants	-	-	-		485,000	0.00%
Other	140,037	12,623	152,660		185,000	82.52%
<b>Total Non-Operating Revenues</b>	<b>\$ 4,180,350</b>	<b>\$ 17,154</b>	<b>\$ 4,197,504</b>	<b>\$ -</b>	<b>\$ 7,145,000</b>	<b>58.75%</b>
<b>Non-Operating Expenses:</b>						
Interest on Long-Term Debt	\$ 971,196	\$ 193,306	\$ 1,164,501		\$ 2,111,000	55.16%
Amortization of SWP	797,550	159,510	957,060		1,679,000	57.00%
Water Conservation Programs	45,238	9,616	54,854		143,000	38.36%
<b>Total Non-Operating Expenses</b>	<b>\$ 1,813,984</b>	<b>\$ 362,432</b>	<b>\$ 2,176,416</b>	<b>\$ -</b>	<b>\$ 3,933,000</b>	<b>55.34%</b>
<b>Net Earnings</b>	<b>\$ (1,436,512)</b>	<b>\$ (354,860)</b>	<b>\$ (1,791,372)</b>	<b>\$ -</b>	<b>\$ (5,127,450)</b>	<b>34.94%</b>

\* Budget adjustments by General Manager per Appendix A

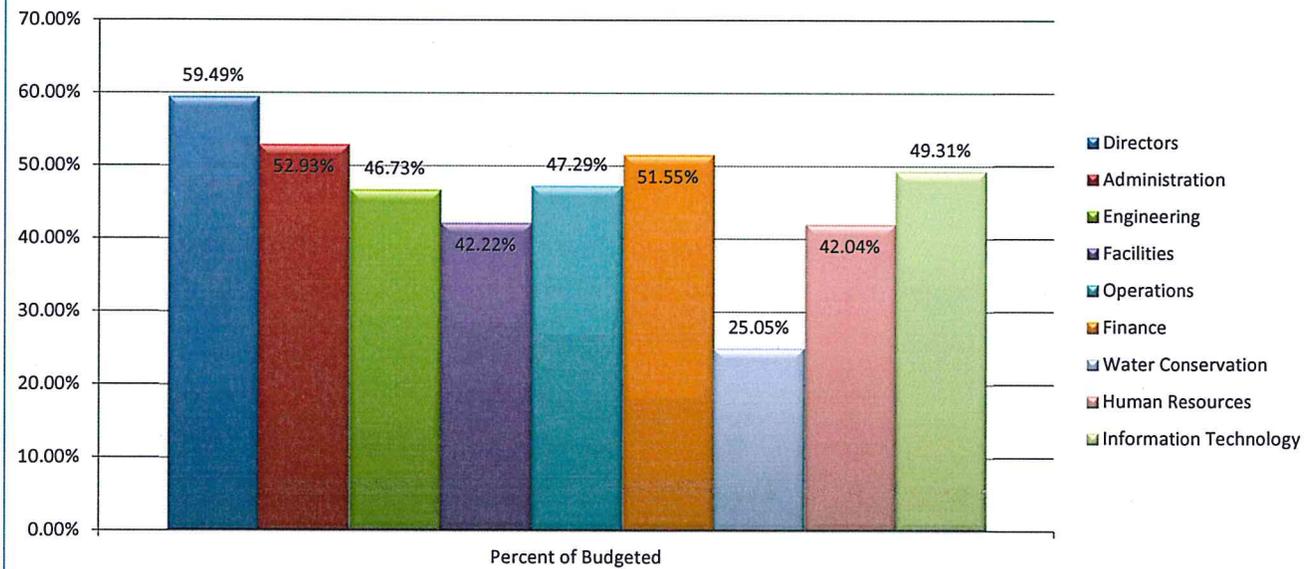
<b>OTHER OPERATING REVENUE</b>	
--------------------------------	--

5/8" Meter Charge(\$109)	\$35.00
Account Setup Charge(\$25)	\$2,900.00
Account Setup Charge/CC (\$35)	\$2,835.00
After Hours Service Call	\$160.00
Construction Meter Install(\$250)	\$750.00
Credit Check(\$10)	\$40.00
Customer Request Turn On/Off(\$15)	\$75.00
Door Tag Fee(\$20)	\$39,820.00
Lock Broken or Missing(\$15)	\$105.00
Meter Exchange 1" to 5/8"(\$240)	\$240.00
Pulled Meter Service Charge(\$60)	\$180.00
Repair Angle Stop(\$440.00)	\$880.00
Shut-Off Charge(\$30)	\$6,180.00
Shut-Off Processing Fee(\$20)	\$180.00
Standard Trip Charge(\$15)	\$325.00
Late Fees	\$41,915.64
NSF Fee	\$800.00
	<hr/>
	\$97,420.64

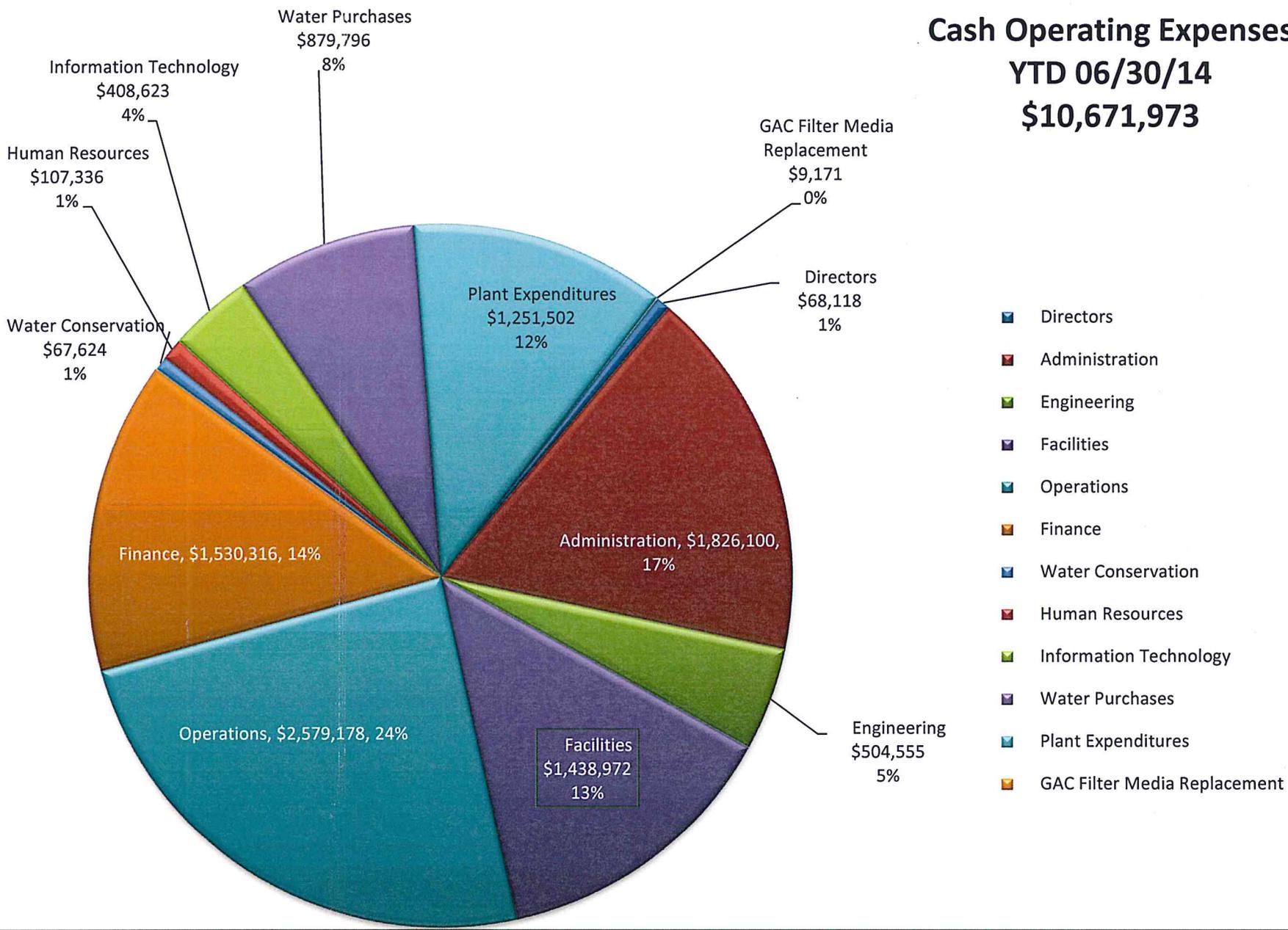
### P & L BUDGET vs. ACTUAL



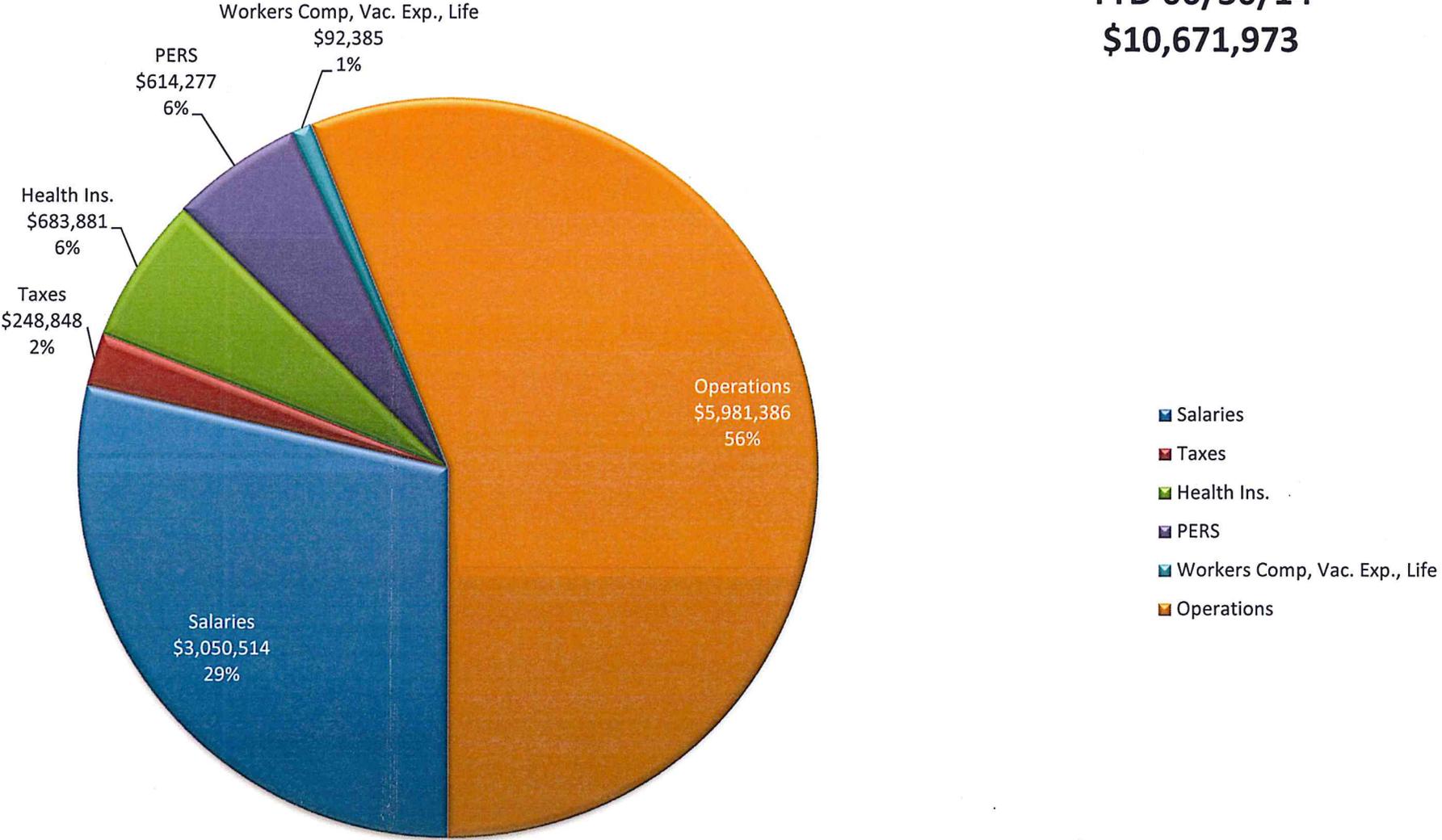
### DEPARTMENTAL - BUDGET vs. ACTUAL



# Cash Operating Expenses YTD 06/30/14 \$10,671,973



**Personnel to Operations Exp  
YTD 06/30/14  
\$10,671,973**

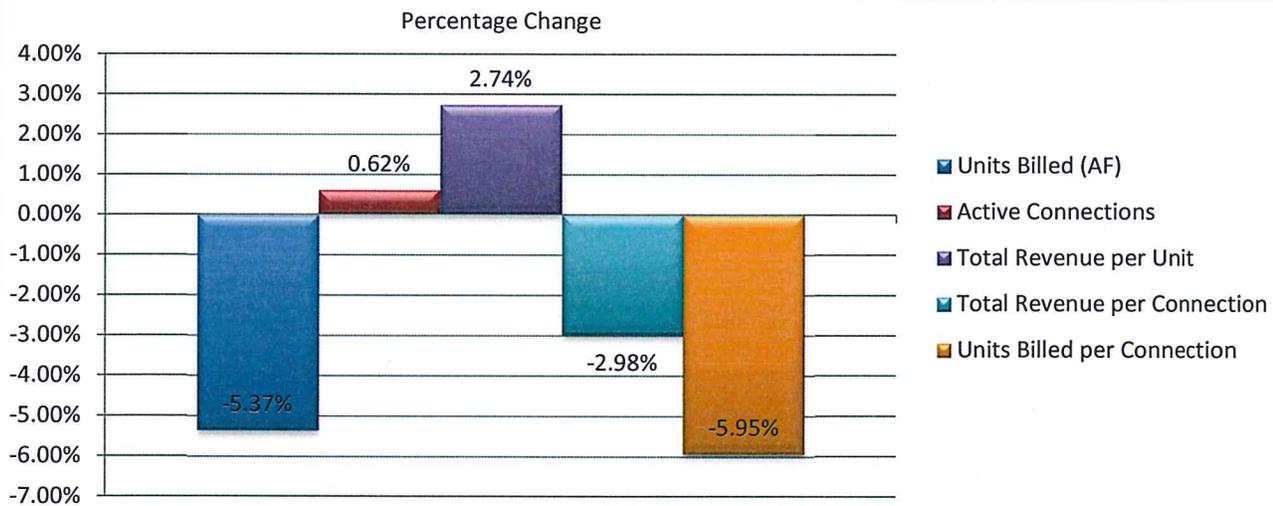
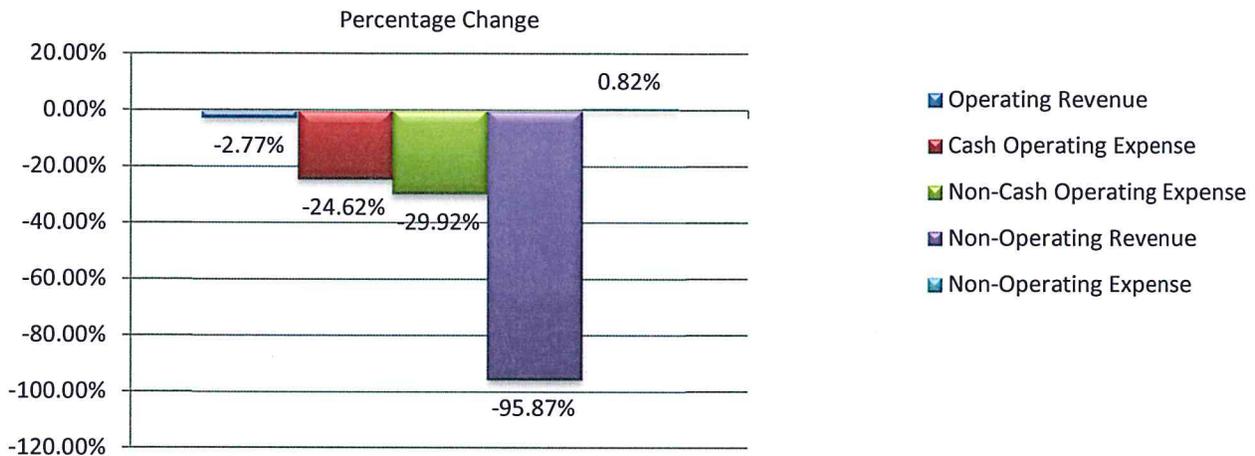


**Palmdale Water District  
Profit and Loss Statement  
Year-To-Year Comparison - June**

	2013	2014	Change	%	Consumption Comparison		
	June	June			2013	2014	
					Units Billed	856,768	810,797
<b>Operating Revenue:</b>							
Wholesale Water	\$ 10,809	\$ 20,881	\$ 10,072	93.18%	Active	26,289	26,452
Water Sales	857,501	793,170	(64,332)	-7.50%	Vacant	1,055	917
Meter Fees	919,951	944,716	24,765	2.69%			
Water Quality Fees	171,454	162,490	(8,965)	-5.23%			
Elevation Fees	59,814	50,142	(9,672)	-16.17%	Rev/unit	\$ 2.50	\$ 2.57
Other	120,889	109,680	(11,209)	-9.27%	Rev/con	\$ 76.82	\$ 74.53
<b>Total Water Sales</b>	<b>\$ 2,140,418</b>	<b>\$ 2,081,078</b>	<b>\$ (59,341)</b>	<b>-2.77%</b>	Unit/con	32.59	30.65
<b>Cash Operating Expenses:</b>							
Directors	\$ 6,721	\$ 12,407	\$ 5,685	84.59%			
Administration	216,605	230,168	13,563	6.26%			
Engineering	93,509	81,868	(11,640)	-12.45%			
Facilities	240,859	213,903	(26,956)	-11.19%			
Operations	454,694	487,416	32,722	7.20%			
Finance	201,380	250,562	49,183	24.42%			
Water Conservation	18,610	11,634	(6,976)	-37.49%			
Human Resources	14,422	4,458	(9,964)	-69.09%			
Information Technology	42,182	48,959	6,777	16.07%			
Water Purchases	42,709	122,865	80,156	187.68%			
Water Purchases-Prior Year OAP	436,485	-	(436,485)	-100.00%			
Water Recovery	-	(34,012)	(34,012)				
Plant Expenditures	47,314	101,813	54,499	115.18%			
GAC Filter Media Replacement	216,829	-	(216,829)	-100.00%			
<b>Total Cash Operating Expenses</b>	<b>\$ 2,032,319</b>	<b>\$ 1,532,042</b>	<b>\$ (500,277)</b>	<b>-24.62%</b>			
<b>Non-Cash Operating Expenses:</b>							
Depreciation	\$ 587,116	\$ 546,158	\$ (40,959)	-6.98%			
OPEB Accrual Expense	165,223	166,875	1,652	1.00%			
Bad Debts	27	55	28	104.63%			
Service Costs Construction	119,473	85	(119,388)	-99.93%			
Capitalized Construction	(74,669)	(154,555)	(79,886)	106.99%			
<b>Total Non-Cash Operating Expenses</b>	<b>\$ 797,170</b>	<b>\$ 558,617</b>	<b>\$ (238,553)</b>	<b>-29.92%</b>			
<b>Net Operating Profit/(Loss)</b>	<b>\$ (689,071)</b>	<b>\$ (9,582)</b>	<b>\$ 679,489</b>	<b>-98.61%</b>			
<b>Non-Operating Revenues:</b>							
Assessments (Debt Service)	\$ 296,548	\$ 910	\$ (295,638)	-99.69%			
Assessments (1%)	120,119	6,827	(113,292)	-94.32%			
DWR Fixed Charge Recovery	-	-	-				
Interest	(11,281)	(3,206)	8,075	-71.58%			
Capital Improvement Fees	-	-	-				
State Grants	-	-	-				
Other	9,849	12,623	2,774	28.17%			
<b>Total Non-Operating Revenues</b>	<b>\$ 415,235</b>	<b>\$ 17,154</b>	<b>\$ (398,081)</b>	<b>-95.87%</b>			
<b>Non-Operating Expenses:</b>							
Interest on Long-Term Debt	\$ 199,153	\$ 193,306	\$ (5,847)	-2.94%			
Amortization of SWP	144,745	159,510	14,765	10.20%			
Water Conservation Programs	15,599	9,616	(5,983)	-38.35%			
<b>Total Non-Operating Expenses</b>	<b>\$ 359,497</b>	<b>\$ 362,432</b>	<b>\$ 2,935</b>	<b>0.82%</b>			
<b>Net Earnings</b>	<b>\$ (633,333)</b>	<b>\$ (354,860)</b>	<b>\$ 278,473</b>	<b>-43.97%</b>			

# YEAR-TO-YEAR COMPARISON

## June '13 -To - June '14



	2013	2014	Change	
Units Billed (AF)	1,967	1,861	-106	-5.37%
Active Connections	26,289	26,452	163	0.62%
Non-Active	1,055	917	-138	-13.08%
Total Revenue per Unit	\$2.50	\$2.57	\$0.07	2.74%
Total Revenue per Connection	\$76.82	\$74.53	-\$2.29	-2.98%
Units Billed per Connection	32.59	30.65	-1.94	-5.95%

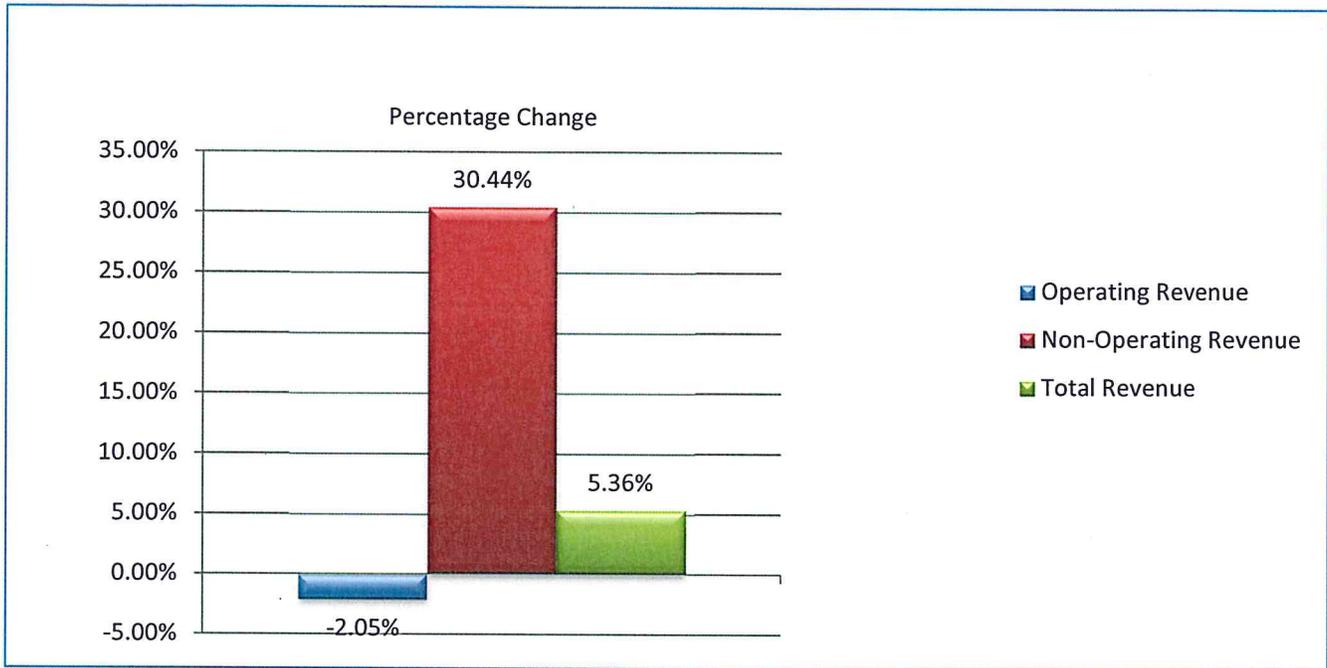
**Palmdale Water District**  
**Revenue Analysis**  
**For the Six Months Ending 6/30/2014**

	2014					2013 to 2014 Comparison			
	Thru May	June	Year-to-Date	Adjusted Budget	% of Budget	Thru May	June	Year-to-Date	% Change
<b>Operating Revenue:</b>									
Wholesale Water	\$ 17,910	\$ 20,881	\$ 38,791	\$ 225,000	17.24%	\$ 17,910	10,072	6,438	19.90%
Water Sales	2,621,550	793,170	3,414,720	9,053,000	37.72%	(40,168)	(64,332)	(104,500)	-2.97%
Meter Fees	4,687,852	944,716	5,632,568	11,255,000	50.05%	86,402	24,765	111,167	2.01%
Water Quality Fees	511,316	162,490	673,805	1,638,000	41.14%	3,942	(8,965)	(5,023)	-0.74%
Elevation Fees	151,326	50,142	201,468	525,000	38.37%	(5,814)	(9,672)	(15,487)	-7.14%
Other	592,255	109,680	701,935	1,700,000	41.29%	(204,950)	(11,209)	(216,159)	-23.54%
<b>Total Water Sales</b>	<b>\$ 8,582,210</b>	<b>\$ 2,081,078</b>	<b>\$10,663,287</b>	<b>\$ 24,396,000</b>	<b>43.71%</b>	<b>\$ (142,678)</b>	<b>\$ (59,341)</b>	<b>\$ (223,563)</b>	<b>-2.05%</b>
<b>Non-Operating Revenues:</b>									
Assessments (Debt Service)	\$ 2,749,038	\$ 910	\$ 2,749,948	\$ 4,400,000	62.50%	\$ 868,157	\$ (295,638)	\$ 572,519	26.29%
Assessments (1%)	1,113,692	6,827	1,120,518	1,800,000	62.25%	351,827	(113,292)	238,534	27.05%
DWR Fixed Charge Recovery	133,539	-	133,539	100,000	133.54%	38,740	-	38,740	40.87%
Interest	34,156	(3,206)	30,950	25,000	123.80%	51,498	8,075	59,573	-208.13%
Capital Improvement Fees	9,889	-	9,889	150,000	6.59%	33,923	-	33,923	-141.15%
State Grants	-	-	-	485,000	0.00%	-	-	-	-
Other	140,037	12,623	152,660	185,000	82.52%	33,584	2,774	36,358	31.26%
<b>Total Non-Operating Revenues</b>	<b>\$ 4,180,350</b>	<b>\$ 17,154</b>	<b>\$ 4,197,504</b>	<b>\$ 7,145,000</b>	<b>58.75%</b>	<b>\$ 1,377,729</b>	<b>\$ (398,081)</b>	<b>\$ 979,647</b>	<b>30.44%</b>
<b>Total Revenue</b>	<b>\$ 12,762,560</b>	<b>\$ 2,098,232</b>	<b>\$14,860,791</b>	<b>\$ 31,541,000</b>	<b>47.12%</b>	<b>\$ 1,235,050</b>	<b>\$ (457,422)</b>	<b>\$ 756,085</b>	<b>5.36%</b>

	2013				
	Thru May	June	Year-to-Date	Adjusted Budget	% of Budget
<b>Operating Revenue:</b>					
Wholesale Water	\$ 21,543	\$ 10,809	\$ 32,352	\$ 175,000	18.49%
Water Sales	2,661,718	857,501	3,519,220	8,198,000	42.93%
Meter Fees	4,601,451	919,951	5,521,401	11,232,000	49.16%
Water Quality Fees	507,374	171,454	678,828	1,638,000	41.44%
Elevation Fees	157,140	59,814	216,954	550,000	39.45%
Other	797,205	120,889	918,094	1,250,000	73.45%
<b>Total Water Sales</b>	<b>\$ 8,724,888</b>	<b>\$ 2,140,418</b>	<b>\$10,886,850</b>	<b>\$ 22,868,000</b>	<b>47.61%</b>
<b>Non-Operating Revenues:</b>					
Assessments (Debt Service)	\$ 1,880,881	\$ 296,548	\$ 2,177,429	\$ 4,300,000	50.64%
Assessments (1%)	761,865	120,119	881,984	2,381,984	37.03%
DWR Fixed Charge Recovery	94,799	-	94,799	100,000	94.80%
Interest	(17,342)	(11,281)	(28,623)	25,000	-114.49%
Capital Improvement Fees	(24,034)	-	(24,034)	150,000	-16.02%
State Grants	-	-	-	485,000	0.00%
Other	106,452	9,849	116,302	150,000	77.53%
<b>Total Non-Operating Revenues</b>	<b>\$ 2,802,622</b>	<b>\$ 415,235</b>	<b>\$ 3,217,857</b>	<b>\$ 7,591,984</b>	<b>42.38%</b>
<b>Total Revenue</b>	<b>\$ 11,527,509</b>	<b>\$ 2,555,654</b>	<b>\$14,104,706</b>	<b>\$ 30,459,984</b>	<b>46.31%</b>

# REVENUE COMPARISON YEAR-TO-DATE

June '13-To-June '14



**Palmdale Water District**  
**Operating Expense Analysis**  
**For the Six Months Ending 6/30/2014**  
**2014**

2013 to 2014 Comparison

	Thru May	June	Year-to-Date	Adjusted Budget	% of Budget	Thru May	June	Year-to-Date	% Change
<b>Cash Operating Expenses:</b>									
Directors	\$ 55,711	\$ 12,407	\$ 68,118	\$ 114,500	59.49%	\$ 11,792	\$ 5,685	\$ 17,477	34.51%
Administration	1,595,932	230,168	1,826,100	3,490,000	52.32%	676,056	13,563	689,619	60.68%
Engineering	422,687	81,868	504,555	1,079,800	46.73%	(97,571)	(11,640)	(109,211)	-17.79%
Facilities	1,225,069	213,903	1,438,972	3,408,500	42.22%	41,933	(26,956)	14,977	1.05%
Operations	2,091,762	487,416	2,579,178	5,453,500	47.29%	241,134	32,722	273,856	11.88%
Finance	1,279,754	250,562	1,530,316	2,968,750	51.55%	216,702	49,183	265,885	21.03%
Water Conservation	55,990	11,634	67,624	270,000	25.05%	(34,478)	(6,976)	(41,454)	-38.00%
Human Resources	102,878	4,458	107,336	215,300	49.85%	46,745	(9,964)	36,781	52.13%
Information Technology	359,663	48,959	408,623	828,600	49.31%	359,663	6,777	91,723	28.94%
Water Purchases	836,608	122,865	959,473	2,400,000	39.98%	(271,743)	80,156	(191,587)	-16.64%
Water Purchases-Prior Year OAP	683	-	683	250,000	0.27%	683	(436,485)	(435,802)	-99.84%
Water Recovery	(45,665)	(34,012)	(79,677)	(100,000)	79.68%	289,154	(34,012)	255,142	-76.20%
Plant Expenditures	1,149,688	101,813	1,251,502	2,143,500	58.39%	698,025	54,499	752,524	150.81%
GAC Filter Media Replacement	9,171	-	9,171	1,638,000	0.56%	(211,068)	(216,829)	(427,897)	-97.90%
<b>Total Cash Operating Expenses</b>	<b>\$ 9,139,931</b>	<b>\$ 1,532,042</b>	<b>\$ 10,671,973</b>	<b>\$ 24,160,450</b>	<b>44.17%</b>	<b>\$ 1,967,028</b>	<b>\$ (500,277)</b>	<b>\$ 1,192,033</b>	<b>11.17%</b>
<b>Non-Cash Operating Expenses:</b>									
Depreciation	\$ 2,763,790	\$ 546,158	\$ 3,309,947	\$ 7,350,000	45.03%	\$ (722,471)	\$ (40,959)	\$ (763,430)	-18.74%
OPEB Accrual Expense	834,375	166,875	1,001,250	2,000,000	50.06%	8,261	1,652	9,914	1.00%
Bad Debts	24,549	55	24,604	100,000	24.60%	19,539	28	19,567	388.52%
Service Costs Construction	5,788	85	5,873	125,000	4.70%	57,357	(119,388)	(62,032)	-91.35%
Capitalized Construction	(383,344)	(154,555)	(537,899)	(1,000,000)	53.79%	(73,366)	(79,886)	(153,252)	39.84%
<b>Total Non-Cash Operating Expenses</b>	<b>\$ 3,245,157</b>	<b>\$ 558,617</b>	<b>\$ 3,803,774</b>	<b>\$ 8,575,000</b>	<b>44.36%</b>	<b>\$ (710,680)</b>	<b>\$ (238,553)</b>	<b>\$ (949,233)</b>	<b>-24.96%</b>
<b>Non-Operating Expenses:</b>									
Interest on Long-Term Debt	\$ 971,196	\$ 193,306	\$ 1,164,501	\$ 2,111,000	55.16%	\$ 322,837	\$ (5,847)	\$ 316,990	37.40%
Amortization of SWP	797,550	159,510	957,060	1,679,000	57.00%	76,441	14,765	91,206	10.53%
Water Conservation Programs	45,238	9,616	54,854	143,000	38.36%	17	(5,983)	(5,966)	-0.34%
<b>Total Non-Operating Expenses</b>	<b>\$ 1,813,984</b>	<b>\$ 362,432</b>	<b>\$ 2,176,416</b>	<b>\$ 3,933,000</b>	<b>55.34%</b>	<b>\$ 399,295</b>	<b>\$ 2,935</b>	<b>\$ 402,230</b>	<b>22.67%</b>
<b>Total Expenses</b>	<b>\$ 14,199,072</b>	<b>\$ 2,453,091</b>	<b>\$ 16,652,164</b>	<b>\$ 36,668,450</b>	<b>45.41%</b>	<b>\$ 1,655,643</b>	<b>\$ (735,895)</b>	<b>\$ 645,030</b>	<b>4.03%</b>

**Palmdale Water District**  
**Operating Expense Analysis**  
**For the Six Months Ending 6/30/2014**

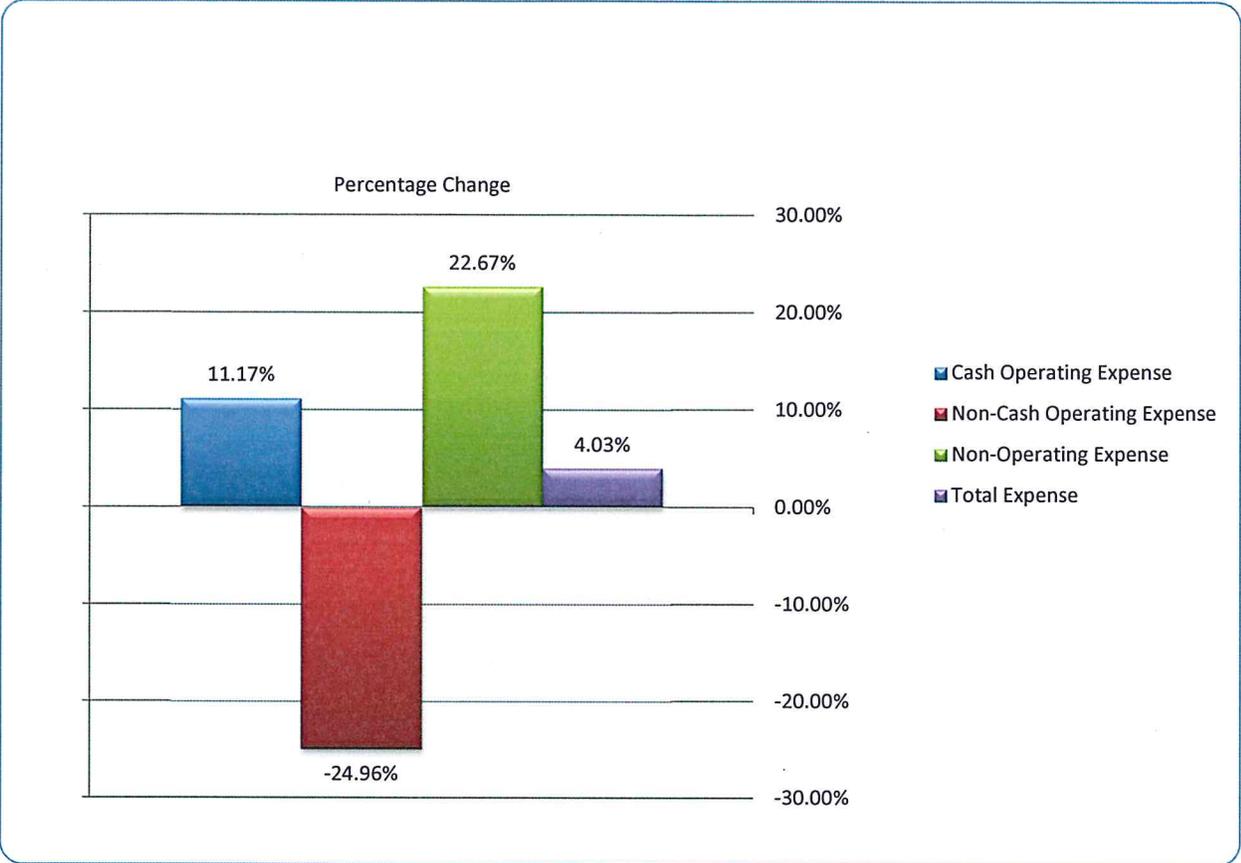
2013 to 2014 Comparison

2013

	Thru May	June	Year-to-Date	Adjusted Budget	% of Budget
<b>Cash Operating Expenses:</b>					
Directors	\$ 43,919	\$ 6,721	\$ 50,640	\$ 117,500	43.10%
Administration	919,877	216,605	1,136,482	2,602,000	43.68%
Engineering	520,257	93,509	613,766	1,215,750	50.48%
Facilities	1,183,136	240,859	1,423,995	3,298,500	43.17%
Operations	1,850,628	454,694	2,305,322	4,944,250	46.63%
Finance	1,063,052	201,380	1,264,431	2,789,000	45.34%
Water Conservation	90,468	18,610	109,078	239,750	45.50%
Human Resources	56,133	14,422	70,556	209,600	33.66%
Information Technology	274,718	42,182	316,900	728,000	43.53%
Water Purchases	1,108,351	42,709	1,151,060	2,600,000	44.27%
Water Purchases-Prior Year OAP	-	436,485	436,485	-	
Water Recovery	(334,819)	-	(334,819)	(100,000)	334.82%
Plant Expenditures	451,663	47,314	498,977	836,500	59.65%
GAC Filter Media Replacement	220,239	216,829	437,068	1,638,000	26.68%
<b>Total Cash Operating Expenses</b>	<b>\$ 7,447,621</b>	<b>\$ 2,032,319</b>	<b>\$ 9,479,940</b>	<b>\$ 21,118,850</b>	<b>44.89%</b>
<b>Non-Cash Operating Expenses:</b>					
Depreciation	\$ 3,486,261	\$ 587,116	\$ 4,073,377	\$ 7,250,000	56.18%
OPEB Accrual Expense	826,113	165,223	991,336	2,000,000	49.57%
Bad Debts	5,009	27	5,036	100,000	5.04%
Service Costs Construction	(51,569)	119,473	67,905	125,000	54.32%
Capitalized Construction	(309,978)	(74,669)	(384,647)	(1,000,000)	38.46%
<b>Total Non-Cash Operating Expenses</b>	<b>\$ 3,955,837</b>	<b>\$ 797,170</b>	<b>\$ 4,753,008</b>	<b>\$ 8,475,000</b>	<b>56.08%</b>
<b>Non-Operating Expenses:</b>					
Interest on Long-Term Debt	\$ 648,359	\$ 199,153	\$ 847,512	\$ 2,111,000	40.15%
Amortization of SWP	721,109	144,745	865,854	1,679,000	51.57%
Water Conservation Programs	45,221	15,599	60,820	150,000	40.55%
<b>Total Non-Operating Expenses</b>	<b>\$ 1,414,689</b>	<b>\$ 359,497</b>	<b>\$ 1,774,186</b>	<b>\$ 3,940,000</b>	<b>45.03%</b>
<b>Total Expenses</b>	<b>\$ 12,818,147</b>	<b>\$ 3,188,986</b>	<b>\$ 16,007,134</b>	<b>\$ 33,533,850</b>	<b>47.73%</b>

# EXPENSE COMPARISON YEAR-TO-DATE

## June '13-To-June '14



**Palmdale Water District - Project Payment Schedule  
August, 2014**

**AGENDA ITEM NO. 7.3**

**Contractually Committed Project Summary**

Project Title	Contract Amount	Project No.	Payee	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
Well No. 14A Rehabilitation	\$ 87,095	601-14	Reed / Best Drilling & Pump						\$ 80,530						
Water System Master Plan Update	\$ 196,043	14-404	MWH					\$ 6,040	\$ 8,240	\$ 21,805	\$ 30,000	\$ 30,000	\$ 30,000	\$ 40,003	\$ 29,955
2014 Water Rate Study	\$ 126,857	PL02	B&W / Passantino						\$ 15,033	\$ 47,178	\$ 30,000	\$ 20,000	\$ 14,646		
Annual Tank Maintenance Program	\$ 319,100	RCP03	Superior Tank Solutions					\$ 319,100							
Distribution SCADA Radio Upgrade	\$ 140,000	PRO07	Sage Designs and Aluma				\$ 81,819	\$ 25,000			\$ 33,181				
Dredging @ Lake Outlet Structure / Mech. Repairs	\$ 300,000	403-14	Cushman Contracting			\$ 235,289	\$ 7,596				\$ 57,115				
Security Improvement Project (Feasibility/Design)	\$ 58,730	400-14	Exante 360	\$ 6,509	\$ 13,220			\$ 5,828			\$ 9,001				
Website Development	\$ 20,000	N/A	Tripepi Smith					\$ 3,625	\$ 3,625	\$ 5,083	\$ 2,667				
docSTAR Smart Automation Project	\$ 25,000	PRO23	docSTAR						\$ 14,140		\$ 10,000				
Board Room Audio System Improvements	\$ 26,400	N/A	CWI Cal-West			\$ 13,200	\$ 6,600	\$ 6,600							
WIFI Installation and Testing	\$ 22,844	PRO24	AKINS IT					\$ 19,844	\$ 3,000						
<b>Contractually Committed Project Payout Totals:</b>	<b>\$ 1,322,069</b>			<b>\$ 6,509</b>	<b>\$ 13,220</b>	<b>\$ 248,489</b>	<b>\$ 96,015</b>	<b>\$ 386,037</b>	<b>\$ 124,568</b>	<b>\$ 74,066</b>	<b>\$ 171,964</b>	<b>\$ 50,000</b>	<b>\$ 44,646</b>	<b>\$ 40,003</b>	<b>\$ 29,955</b>

**Budgeted and Uncommitted Project Summary**

Project Title	Budget Amount	Project No.	Payee	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
Well No. 20 Abandonment	\$ 20,000	RCP12	TBD									\$ 20,000			
Security Improvement Project (Construction)	\$ 141,270	400-14	TBD									\$ 45,000	\$ 45,000	\$ 36,270	\$ 15,000
Purchase of Radio-Read Meters	\$ 725,000	RCP01	TBD								\$ 200,000	\$ 200,000	\$ 200,000	\$ 125,000	
Installation of Radio-Read Meters	\$ 152,000	RCP02	TBD									\$ 40,000	\$ 40,000	\$ 40,000	\$ 32,000
Replacement Fleet (1) 1/2-Ton and (3) 3/4-TON Trucks	\$ 135,000	RE02-RE05	TBD								\$ 80,000	\$ 55,000			
Booster Pump Replacement and Spare Parts	\$ 45,000	PRO01 & PRO02	TBD								\$ 45,000				
docSTAR Project - Hardware	\$ 50,000	PRO23	TBD								\$ 25,000	\$ 25,000			
Acquisition of Tax Defaulted Property	\$ 50,000	NCC02	Los Angeles County								\$ 50,000				
GAC & Filter Entry Buildings	\$ 21,000	PRO05	TBD								\$ 10,000	\$ 11,000			
<b>Budgeted and Uncommitted Project Payout Estimates:</b>	<b>\$ 1,339,270</b>			<b>\$ -</b>	<b>\$ 410,000</b>	<b>\$ 396,000</b>	<b>\$ 285,000</b>	<b>\$ 201,270</b>	<b>\$ 47,000</b>						

**Contractually Committed and Uncommitted Totals**

<b>Contractually Committed and Uncommitted Totals:</b>	<b>\$ 2,661,339</b>			<b>\$ 6,509</b>	<b>\$ 13,220</b>	<b>\$ 248,489</b>	<b>\$ 96,015</b>	<b>\$ 386,037</b>	<b>\$ 124,568</b>	<b>\$ 74,066</b>	<b>\$ 581,964</b>	<b>\$ 446,000</b>	<b>\$ 329,646</b>	<b>\$ 241,273</b>	<b>\$ 76,955</b>
--	---------------------	--	--	-----------------	------------------	-------------------	------------------	-------------------	-------------------	------------------	-------------------	-------------------	-------------------	-------------------	------------------

**Water Quality Fund Committed Contracts and Payout Schedule**

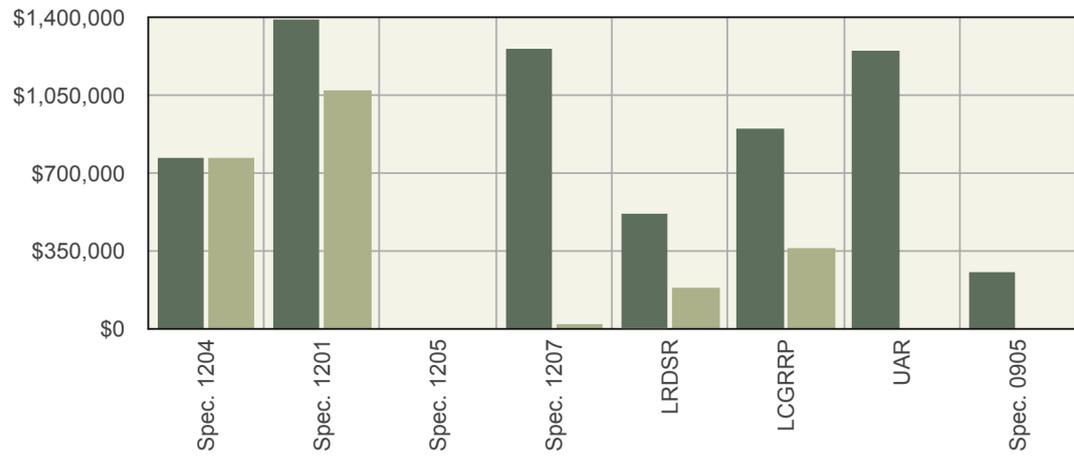
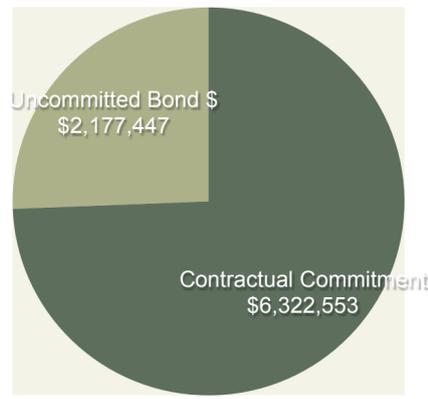
Project Title	Contract Amount	Project No.	Payee	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
GAC Replacement @ WTP	\$ 1,199,589	WQF-1	Calgon								\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	
GAC Replacement @ Underground Booster Station	\$ 40,000	WQF-2	Siemens										\$ 40,000		
<b>Water Quality Fund Totals:</b>	<b>\$ 1,239,589</b>			<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>	<b>\$ 340,000</b>	<b>\$ 300,000</b>	<b>\$ -</b>						

# PWD WATER REVENUE BONDS - SERIES 2013A

● Contractual Commitment ● Uncommitted Bond \$

■ Contractual Commitment

■ Payout to Date



## Project Commitment and Payout Summary

Project	Work Order No.	Description	Allocated Bond \$	Contractual Commitment	Payout to Date	Uncommitted Bond \$
Spec. 1204	603-12	Ave. Q - Q-3, Division and Sumac	\$725,000	\$765,085	\$765,085	(\$40,085)
Spec. 1201	606-11	20th, Puerta, Sweetbriar, and 22nd St. E.	\$1,450,000	\$1,387,042	\$1,073,140	\$62,958
Spec. 1205	605-12	Frontier, 31st St. E., etc. between Ave. Q and Q-4	\$1,200,000	\$0	\$0	\$1,200,000
Spec. 1207	607-12	10th St. E. between Ave. P and Palmdale Blvd.	\$1,400,000	\$1,255,008	\$18,626	\$144,992
LRDSR	501-04	Littlerock Sediment Removal (EIR/EIS/Permits)	\$975,000	\$515,925	\$178,323	\$459,075
LCGRRP	400-12	Littlerock Recharge and Recovery (Feasibility)	\$1,500,000	\$899,493	\$358,410	\$600,507
UAR	TBD	Upper Amargosa Recharge (Project Capacity)	\$1,250,000	\$1,250,000	\$0	\$0
Spec. 0905	601-09	15th St. E. between Ave. P and Ave. Q (Material Only)	\$0	\$250,000	\$0	(\$250,000)
Totals:			\$8,500,000	\$6,322,553	\$2,393,584	\$2,177,447

## Project Payout Detail

Date	Project	Description	Invoice No.	Requisition No.	Payment Amount
Jul 8, 2013	WRB	Issuance Costs	N/A	2	\$ 24,815.84
Jul 9, 2013	Spec. 1204	BV Construction - Progress Payment #1	1	3	\$ 98,552.53
Jul 17, 2013	Spec. 1207	JT Eng. - Design Progress Payment	5187	4	\$ 9,108.00
Aug 5, 2013	Spec. 1204	BV Construction - Progress Payment #2	2	5	\$ 145,175.44
Sep 4, 2013	Spec. 1204	BV Construction - Progress Payment #3-4	3 and 4	6	\$ 167,790.43
Sep 30, 2013	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-01	7	\$ 18,499.60
Sep 30, 2013	Spec. 1204	BV Construction - Progress Payment #5	5	8	\$ 46,862.08
Oct 24, 2013	Spec. 1204	BV Construction - Progress Payment #6	6	9	\$ 51,052.05
Oct 24, 2013	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-02	10	\$ 8,410.32
Nov 7, 2013	Spec. 1204	BV Construction - Progress Payment #7	7	11	\$ 87,960.50
Dec 4, 2013	Spec. 1204	BV Construction - Progress Payment #8	8	12	\$ 70,650.08
Dec 4, 2013	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-03	13	\$ 11,054.97
Jan 2, 2014	LCGRRP	Kennedy/Jenks - Progress Payment	78236	14	\$ 24,066.25
Jan 2, 2014	Spec. 1201	BV Construction - Progress Payment #1	1	14	\$ 29,925.00
Jan 2, 2014	Spec. 1204	BV Construction - Progress Payment #9	9	14	\$ 58,787.84
Jan 2, 2014	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-04	14	\$ 36,178.95
Jan 2, 2014	Spec. 1207	JT Eng. - Design Progress Payment	5200	14	\$ 9,518.00
Jan 21, 2014	Spec. 1201	BV Construction - Progress Payment #2 & #3	2 & 3	15	\$ 114,095.00
Feb 24, 2014	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-05	16	\$ 4,917.47
Feb 24, 2014	Spec. 1201	BV Construction - Progress Payment #4 & #5	4 & 5	16	\$ 131,743.15
Mar 3, 2014	Spec. 1204	BV Construction - Retention Payment	10	17	\$ 38,254.26
Mar 3, 2014	LCGRRP	Kennedy/Jenks - Progress Payment	79010 & 80391	17	\$ 113,652.66
Mar 31, 2014	Spec. 1201	BV Construction - Progress Payment #6	6	18	\$ 126,834.50
Mar 31, 2014	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-06 and 07	18	\$ 17,080.04
Apr 16, 2014	LCGRRP	Kennedy/Jenks - Progress Payment	78236	19	\$ 28,228.60
Apr 16, 2014	Spec. 1201	BV Construction - Progress Payment #7	7	19	\$ 252,741.80
May 15, 2014	Spec. 1201	BV Construction - Progress Payment #8	8	20	\$ 69,825.00
May 15, 2014	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-08	20	\$ 33,388.96
May 15, 2014	LCGRRP	Kennedy/Jenks - Progress Payment	82422 & 80900	20	\$ 135,858.74
Jun 4, 2014	Spec. 1201	BV Construction - Progress Payment #9	9	21	\$ 67,260.00
Jun 4, 2014	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-09	21	\$ 31,845.93
Jun 30, 2014	Spec. 1201	BV Construction - Progress Payment #10	10	22	\$ 139,498.00
Jun 30, 2014	LCGRRP	Kennedy/Jenks - Progress Payment	83735	23	\$ 30,172.21
Jun 30, 2014	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-10	23	\$ 10,672.32
Jul 21, 2014	Spec. 1201	BV Construction - Progress Payment #11	11	24	\$ 141,217.50
Jul 21, 2014	LCGRRP	Kennedy/Jenks - Progress Payment		24	\$ 26,431.83
Jul 21, 2014	LRDSR	Aspen - EIR/EIS Progress Payment	1116.002-11	24	\$ 6,274.20

**PALMDALE WATER DISTRICT  
BOARD MEMORANDUM**

**DATE:** August 6, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Michael Williams, Finance Manager/CFO  
**VIA:** Mr. Dennis D. LaMoreaux, General Manager  
**RE:** ***AGENDA ITEM NO. 7.4 – CONSIDERATION AND POSSIBLE ACTION  
ON POLICY FOR RATE ASSISTANCE PROGRAM***

---

**Recommendation:**

Staff recommends approving the Palmdale Water District's Rate Assistance Program (PWDRAP). The Finance Committee will consider this item at their August 11 meeting.

**Background:**

The Finance Committee has requested staff to research the possibility of implementing a low income rate assistance program. Staff has prepared a Rate Assistance Program targeted at seniors 62 and older as a starting point for low income assistance. Also, because of the rate structure adjustment in which we are reducing the 1" meter charge, the assistance should be limited to 5/8" and 3/4" meters customers only the first year. The program can be modified after implementation depending on the success and participation rate.

Some key factors of the program:

- Program will cover up to 50% of monthly service charge for one year.
- Available to seniors age 62 or older only living in single family home only.
- Available to property owners and renters.
- Participants must be enrolled in Edison and/or Gas company CARE program.
- Participants must qualify by income levels set by Public Utilities Commission Alternative Rates for Energy.
- Participants must submit supporting documentation requested by staff.
- Participants must renew their eligibility annually.

BOARD OF DIRECTORS  
PALMDALE WATER DISTRICT  
VIA: Mr. Dennis D. LaMoreaux, General Manager

August 6, 2014

The program would be funded by taking the revenue from the cell tower lease and the revenue from Fin and Feather rental, which totals approximately \$150,000 annually. Once approved by the Palmdale Water District's Board of Directors, the funds received in 2014 from cell tower and Fin & Feather leases will be set aside in a holding account for distribution in January 2015. Also, once approved by the Board of Directors, staff would begin promoting and receiving applications for the program.

**Budget:**

The impact on the District's Budget is a reduction in non-operating revenue of approximately \$150,000 annually.

**Supporting Documents:**

- Draft rules to applicant
- Draft application
- Attorney's opinion letter of the program

## **RULES TO APPLICANTS FOR WATER RATE ASSISTANCE PROGRAM**

### **APPLICANT**

The Palmdale Water District Rate Assistance Program (PWDRAP) is available only to residential customers, age 62 or older, who receive water through a 5/8" or 3/4" water meter.

An applicant for the District's Rate Assistance Program must be either the owner living in the premises or the tenant of the residence and responsible for the payment of water service provided by the District. Tenants must have on file with the District an affidavit, in the form attached hereto as "exhibit ?," signed by the property owner, assuming responsibility for payment of services for said property.

### **ELIGIBILITY FOR PROGRAM**

Each applicant for the PWDRAP must establish eligibility for the program annually as stated below:

**CARE Program:** Applicant must qualify and be enrolled in Southern California Edison's or Southern California Gas' California Alternative Rates for Energy (CARE) program and must provide a utility bill showing proof of such enrollment.

**Household Income:** Applicant's total gross household income cannot exceed pre-determined income requirements established by the District, based upon the approved limits set by the California Public Utilities Commission for the CARE program. Applicant must provide verification of household income with application by any means deemed acceptable by the District.

**Income Requirements.** Maximum household income requirements are based upon number of persons living in residence in relation to maximum total "gross household income" from all sources.

**Income Qualifications.** Total gross household income is all revenues, from all household members, from whatever sources derived, including but not limited to:

- Wages
- Salaries and Other Employment Compensation
- Interest
- Dividends
- Spousal Support
- Public Assistance Payments
- Social Security and Other Pensions
- Rental Income

- Income from Self-employment
- All Employment-related Non-cash Income

**Income Taxes:** Applicant may not be claimed as a dependent on another person's federal or state income tax return.

**Property Taxes:** Applicant may be required to provide a copy of their annual property tax statement, or documentation reasonably requested by the District to evidence home ownership.

**Additional Requirements:** The following requirements also apply to each applicant:

- Must reapply each time they move.
- Must reapply annually.
- Must notify the District within 30 days if they become ineligible.

## **METHOD OF APPLICATION FOR PROGRAM**

**Application Procedure:** Applicant must obtain from the District an application, attached hereto as "Exhibit A", for the PWDRAP. Applicant must complete the application and submit the required documentation to the District. If approved, applicant will receive the assistance on their bill, as calculated under Section "Rate Assistance", below, at a to-be-determined date. If the application is not approved, applicant will receive a letter from the District explaining the reason for the disapproval.

**Application Period:** Applications are accepted on a first come, first served basis, contingent upon the availability of funds. Participation in the PWDRAP is personal to the applicant and is not transferable with the property.

## **PROGRAM FUNDING**

The Board of Directors will approve on an annual basis, as part of the District's budget process, the annual funding for the PWDRAP. **Funding for the PWDRAP is not derived from water rate revenue.** Approved funding, if any, will be a not-to-exceed amount established for a twelve (12) month period that may differ from the District's fiscal year. The annual funding approved will be prorated amongst eligible participants in an amount not-to-exceed fifty percent (50%) of the current monthly service charge.

## **ASSISTANCE RATE**

The District has established an assistance amount of up to fifty percent (50%) off of the monthly service charge for 5/8" & 3/4" meters, for qualified households. This rate of assistance is subject to change on an annual basis as determined by the Board of Directors.

## **REDUCTION; TERMINATION**

The District, in its sole discretion, reserves the rights to reduce amounts available under the PWDRAP, and any assistance available under that program, in its entirety, upon at least thirty (30) days written notice to participants in the program.

DRAFT



# Palmdal Water District Rate Assistance Program (PWDRAP) Application

Account Holders Name: \_\_\_\_\_ Social Sec.# (last 4): \_\_\_\_\_

Service Address: \_\_\_\_\_ Account Number: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Palmdale, CA \_\_\_\_\_ Phone: \_\_\_\_\_

- Number of person(s) in your household. \_\_\_\_\_
- Total Gross Annual Income for all person(s) in your household. \$ \_\_\_\_\_  
This is income before deductions from all sources.
- Can anyone else claim you as a dependent on his/her Income Tax Return  Yes  No
- Which utility CARE program are you currently enrolled in  Southern California Edison  
Please attach copy of most current bill.  Southern California Gas
- Please attach a copy of a government issued picture I.D.

DRAFT

### Declaration and Self Certification Statement

I declare that the information I have provided in this application and supporting documents is true and correct. I agree to provide proof of income in a form requested by the District. I agree to inform the District if I no longer qualify to receive rate assistance. I know that if I receive any rate assistance without qualifying for it, I may be required to pay back the amount of assistance received.

Account Holder Signature: \_\_\_\_\_

Date: \_\_\_\_\_

For District Use Only:
Date Received & Initials: _____
Processed By: _____
Date Approved: _____
Date Denied: _____

<b>Please return application and supporting documents to:</b>
<b>Palmdale Water District</b>
<b>2029 East Avenue Q</b>
<b>Palmdale, Ca 93550</b>

# About PWDRAP

The Palmdale Water District is pleased to offer a Rate Assistance Program to our customers, 62 years of age and older, who meet the eligibility requirements identified below. If your household qualifies for a discount on your energy bill under the electric or gas CARE programs, you may also qualify for rate assistance of up to fifty percent (50%) on the monthly service charge on your water bill.

- To apply for PWDRAP at your residence, please fill out this application and submit the required documentation to the District. If approved, the rate assistance will become effective within sixty (60) days after the date of approval. If your application is not approved, you will receive a letter from the District explaining the reason for that disapproval. Applicants may apply any time throughout the year; however, applications will be accepted on a first come, first served basis, contingent upon the availability of funds.

If you need assistance in completing the application, or would like more information about the program, call the District at 661-947-4111, option 2, and speak to a Customer Service Representative, or visit our office at 2029 East Avenue Q, Palmdale, CA 93550, or on the web at [www.palmdalewater.org](http://www.palmdalewater.org)

INCOME REQUIREMENTS (Effective June 1, 2014 through May 31, 2015) Source: California PUC Alternative Rates for Energy (CARE)	
Number of persons living in residence	Maximum total "gross household income" from all sources
1	\$31,460
2	\$31,460
3	\$39,580
4	\$47,700
5	\$55,820
6	\$63,940
7	\$72,060
8	\$80,180
Each Additional Person	\$8,120

## What Counts as Income?

Total gross household income is all revenues, from all household members, from whatever sources derived, including but not limited to: wages, salaries and other employment-related compensation, interest, dividends, spousal and child support payments, public assistance payments, Social Security and pensions, rental income, income for self-employment, and all employment-related non-cash income.

## What are the Qualifications?

- Must complete and submit application. Applications will be accepted on a first come, first served basis contingent upon availability of funds.
- Must qualify for Southern California Edison's or Southern California Gas' CARE program.
- Total gross household income cannot exceed the amounts shown on the "Income Requirements" chart above.
- Must be a District residential customer and receive water through a 5/8" or 3/4" meter.
- Must provide verification of age and household income as requested by means required by District.
- May not be claimed as a dependent on another person's federal or state income tax return.
- May be required to provide proof of ownership by means requested by District.
- Must reapply annually and/or each time you move.
- Must notify the District within thirty (30) days if you become ineligible.
- Assistance is nontransferable with property or applicant



**ALESHIRE &  
WYNDER LLP**  
ATTORNEYS AT LAW

**TO: PALMDALE WATER DISTRICT  
MICHAEL WILLIAMS, FINANCE MANAGER**

**FROM: PATRICIA J. QUILIZAPA, ASST. GENERAL COUNSEL**

**DATE: JULY 23, 2014**

**RE: PROPOSITION 218 IMPLICATIONS ON PALMDALE WATER  
DISTRICT'S RATE ASSISTANCE PROGRAM**



---

**I. ISSUE**

Whether the Palmdale Water District may use funds generated by lease revenue to subsidize low-income rate payers for payment of water rates without violating Proposition 218.

**II. SHORT ANSWER**

Yes, the Palmdale Water District may subsidize water bills through non-rate revenue. So long as no rate revenue is used to subsidize low-income rate payers, Proposition 218 will not be implicated. Additionally, the use of lease revenue does not implicate the mandates of Propositions of 13 or 26, which govern taxes.

**III. FACTUAL BACKGROUND**

The Palmdale Water District (the "District") is developing a rate assistance program (the "Program"). The Program foresees use of lease revenue to subsidize water rates for certain qualifying low-income rate-payers. We understand that funds to be used by the District for the Program are derived exclusively from cell tower leases, and from rent collected from the Fin & Feather Club. Revenue generated by the Fin & Feather club is generated from memberships therein. Each of the properties, which is the subject of the leases, has long been owned by the District. They were not acquired with revenue derived from taxes or water service charges.

**IV. LEGAL ANALYSIS**

Proposition 218, also known as the Right to Vote on Taxes Act, is embodied in Articles XIII C and XIII D of the California Constitution. Proposition 218 regulates a local government's ability to levy or increase taxes, assessments, fees, and charges through certain procedural and substantive requirements. Specifically, Article XIII C, Section 3 regulates the adoption and imposition of taxes. Article XIII D, Section 4 governs the adoption and imposition of special assessments. Article XIII D, Section 6 governs the adoption and imposition of all other fees and charges imposed as an incident of property ownership. Depending upon the exaction governed, there exists notice, voter approval, majority protest, and rate limitations.

PALMDALE WATER DISTRICT

Michael Williams, Finance Manager

Re: Proposition 218 Implications on Palmdale Water District's Rate Assistance Program

July 23, 2014

Page 2

None of these specific constitutional mandates govern the leases and lease revenue the District proposes to use to fund the Program. Therefore, neither Proposition 218 or Propositions 13 or 26 govern the use of such revenue. The District is not imposing special taxes on any property owner, nor is it increasing its rates to fund the Program. Instead, the District is using revenue derived from negotiated contractual agreements using property it acquired many decades ago. The District intends to use revenue derived from various leases with cell phone towers and with the Fin & Feather Club to pay for the Program.

It is also important to note that to the extent such lease revenue previously subsidized the rates of water users, there is nothing in Article XIII D, Section 6 (the mandate relating to property-related services, such as water charges), that requires such subsidy to continue. Indeed, the rate limitations at Section 6, subdivision (b) restrict only the use of "revenue derived from the fee or charge" for water service. (Cal. Const., art. XIII D, § 6, subd. (b)(1) - (5).) Cities often subsidize their water departments from their general funds, thereby artificially reducing water rates. Article XIII D, Section 6, however, does not mandate that such general fund subsidy continue.

## **V. CONCLUSION**

In sum, to the extent the District does not use any rate-revenue or taxes to finance the Program, and instead uses only lease revenue derived from various leases, the Program will not cause the District to violate Propositions 218, 13 or 26.

[END OF MEMORANDUM]

**PALMDALE WATER DISTRICT  
BOARD MEMORANDUM**

**DATE:** August 6, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Michael Williams, Finance Manager/CFO  
**VIA:** Mr. Dennis D. LaMoreaux, General Manager  
**RE:** ***AGENDA ITEM NO. 7.5 – CONSIDERATION AND POSSIBLE ACTION  
ON REVISIONS TO RULES AND REGULATIONS ARTICLE 10.03.B -  
REFUND OF DEPOSIT***

---

**Recommendation:**

Staff and the Personnel Committee recommend the adoption of proposed revisions to Section 10.03.B - Refund of Deposit (Single Family Only) of the District's Rules and Regulations.

**Alternative Options:**

The alternative is to leave the policy as is.

**Impact of Taking No Action:**

The requirements to receive a deposit refund will remain the same.

**Background:**

The recommendation of removing sections 10.03.B.1.b and 10.03.B.2.a – which state “Customer does not have more than one (1) 48-Hour Disconnection Notice (doortag) on their account within one year immediately prior to request.”

Removal of these sections will allow the District to be more flexible with the deposit refunds for our customers and more in-line with the existing policies and practices.

**Strategic Plan Element:**

This work is part of Strategic Initiative 5 “Exceptional Customer Service.”

**Budget:**

This item has no effect on the budget.

**Supporting Documents:**

- None

**PALMDALE WATER DISTRICT  
BOARD MEMORANDUM**

**DATE:** August 6, 2014 **August 13, 2014**  
**TO:** BOARD OF DIRECTORS **Board Meeting**  
**FROM:** Michael Williams, Finance Manager/CFO  
**VIA:** Mr. Dennis D. LaMoreaux, General Manager  
**RE:** ***AGENDA ITEM NO. 7.6 – CONSIDERATION AND POSSIBLE ACTION  
ON REVISIONS TO RULES AND REGULATIONS SECTION 8.02.H –  
CONSUMER’S RESPONSIBILITY FOR DISTRICT PROPERTY AND  
8.03.C.7–RATES, MISCELLANEOUS CHARGES, PROPERTY DAMAGE***

---

**Recommendation:**

Staff and the Personnel Committee recommend the revision to Section 8.03.C.7 - Rates, Miscellaneous Charges, Property Damage to District property. Adding the subsection clarifies how the District will handle damages to District-owned angle stops.

**Alternative Options:**

The alternative is to leave the policy as is.

**Impact of Taking No Action:**

The responsibility of the cost to repair will remain the same.

**Background:**

The recommended addition is the result of staff and Personnel Committee efforts to review and evaluate various areas involving customer satisfaction. The recommended addition shall read as follows:

For consumers who operate the District-owned angle stop in order to stop leaks or flooding at their property and damage the angle stop in the process, the District will review the service location to determine the last time the angle stop was replaced. If the angle stop replacement was over 5 years ago, the District will assess the charge on the consumer’s account but waive the charge as a courtesy. The consumer must also agree in writing to install or have installed at their own expense an isolation valve on their side of the service.

BOARD OF DIRECTORS  
PALMDALE WATER DISTRICT  
VIA: Mr. Dennis D. LaMoreaux, General Manager

August 6, 2014

By placing the charge and then issuing a waiver, this allows for easy documentation of the event.

**Strategic Plan Element:**

This work is part of Strategic Initiative 5 “Exceptional Customer Service.”

**Budget:**

This item has the potential of reduced revenue by not charging consumers for the cost recovery to replace damaged property. For the period April 1, 2013 through April 1, 2014 the District billed \$40,440.00 in cost recovery related to broken angle stops.

**Supporting Documents:**

- None





# 30<sup>th</sup> Annual TRI-STATE SEMINAR September 23-25, 2014 Tuesday – Thursday Las Vegas, Nevada



## ATTENDEE REGISTRATION FORM

Please fill in all the blanks

Name \_\_\_\_\_ Title \_\_\_\_\_

Employer \_\_\_\_\_

Address \_\_\_\_\_  
(Address where registration packet should be mailed)

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

Attendee E-mail: \_\_\_\_\_

Guests Attending \_\_\_\_\_

## CREDIT CARD INFORMATION

Visa, MasterCard, American Express, Discover Card only

Please Check Credit Card Type:  Visa  MasterCard  American Express  Discover Card

Credit Card #: \_\_\_\_\_ Security Code (CCV): \_\_\_\_\_  
(Found on back of card)

Expiration Date: \_\_\_\_\_ Cardholder Signature \_\_\_\_\_

### SPECIAL SERVICES

Please check here if you require special accommodations to fully participate. Attach a written description of your needs

Please check here if you DO NOT wish to have your information/e-mail addressed published/shared with our exhibitors.

### WORK SHOPS

TEMPORARY TRAFFIC CONTROL-WORK ZONE SAFETY, PERMIT REQUIRED CONFINED SPACE ENTRY CERTIFICATION, NASSCO INFRASTRUCTURE CONDITION ASSESSMENTS, MS4 COMPLIANCE & CODE ENFORCEMENT INSPECTOR, TRENCH & EXCAVATION SAFETY CONTACT: ANNETTE DUARTE AT 520-724-6539 FOR DETAILS.

## REGISTRATION

Must be registered as Seminar Attendee to participate in all Tri-State Seminar activities.

Early-Registration prior to 8/31/14	\$95.00	Amount Enclosed:
Registration After 8/31/14	\$120.00	Amount Enclosed:
Guest Fee	Number x \$15.00	Amount Enclosed:
Golf Registration prior to 8/31/14	Number x \$130.00	Amount Enclosed:
Golf, Registration After 8/31/14	Number x \$155.00	Amount Enclosed:
Total Registration Fees: \$		
Golfers Name	Golfers Name	
Golfers Name	Golfers Name	
Tee Sponsorship Fee	\$250.00	Amount Enclosed:
Tee Sponsor Name		

### TOURS:

Contact Annette Duarte at  
520-724-6539 for Details

The Venetian Resort (20 Seats Only)  
Wednesday, September 24, 2014  
1:30 – 3:50 PM

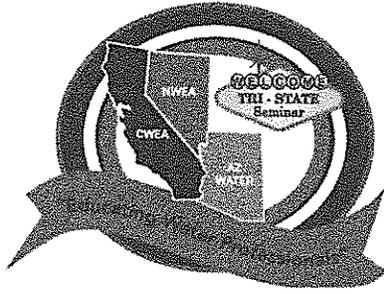
Clark County Wetlands Park  
Thursday, September 25, 2014  
7:30 – 11:30 AM

City of North Las Vegas WWTP  
Thursday, September 25, 2014  
7:30 – 11:30 AM

**Refund Deadline – August 31, 2014. All refunds subject to a 25% Cancellation Fee.**

Make check/money order payable to: Tri-State Seminar c/o Annette Duarte, P.O. Box 11220, Tucson, AZ 85734  
OR 201 North Stone Ave., 8<sup>th</sup> Floor, Tucson, AZ 85701 • OR Fax to (520) 724-9636 with credit card information

**SAVE TIME! REGISTER ONLINE! [www.tristateseminar.com](http://www.tristateseminar.com)**



**Sessions and Speakers are tentative and subject to change**

**TUESDAY, SEPTEMBER 23, 2014**

**Wastewater Treatment  
Sonoma C & D**

- 7:30-8:20 AM Submersible Pump Station Design  
*Josh Dragon, Jensen Precast*
- 8:30-9:20 AM Chandler AWRP 22 MGD Expansion Project  
*Ted Stayton, Wilson Engineers*
- 9:40-10:30 AM Secondary Clarification 101  
*Chris Machado, Carollo Engineers*
- 10:40-11:30 AM Evaluation of Virus Removal Capabilities  
*Julian Hoyle, CH2MHill  
Adrian Edwards, City of Henderson, NV*
- 12:50-1:40 PM Advanced Polymer Mixing for Improved Dewatering  
*Richard Hopkins, Hopkins Technical Products, Inc.*
- 2:00-2:50 PM Process Optimization Solids Dewatering  
*Ali Trollier, HACH Company*
- 3:00-3:50 PM National Professional Designation for Water/WW Operators  
*John Solvie and Gavin Moore  
Association of Boards of Certification (ABC)*

**Water Treatment & Surface Water  
Napa A & B**

- 7:30-8:20 AM Chemical Metering Pump, Access and Systems  
*Richard Hopkins, Hopkins Technical Products, Inc.*
- 8:30-9:20 AM 2.8 MGD Arsenic Treatment Case Study  
*Doug Craver, AdEdge Water Technologies*
- 9:40-10:30 AM Chloramination for Quagga Mussel Control  
*Julia Lew, Southern Nevada Water Authority*
- 10:40-11:30 AM Chemical Releases in the Water Industry  
*Steven Ross, Las Vegas Valley Water District*
- 12:50-1:40 PM Reducing Residual Loss and DBPs with Mixing  
*Peter Fiske, PAX Water Technologies*
- 2:00-2:50 PM Cigarette Waste Pollution and You  
*Dave A. Dirren, C.E.T.,  
Ken Beckstead and Jeff Moschin  
Cigarette Pollution Solutions*
- 3:00-3:50 PM Sensors to Monitor Microbial Tank Controls Water Quality  
*Samendra Sherchan, University of Arizona*

**Backflow Prevention  
Napa C & D**

- 7:30-8:20 AM Backflow: The Hydraulic Condition  
*Jim Purzycki, BAVCO*
- 8:30-9:20 AM Backflow Prevention Assemblies and Their Applications  
*Scott Allison, O'Connor Sales, Inc.*
- 9:40-10:30 AM Backflow Prevention Tester, Training and Certification  
*Lyle Greenhill, Southern Nevada Backflow Services*
- 10:40-11:30 AM Backflow Prevention Assembly Testing  
*Lyle Greenhill, Southern Nevada Backflow Services*
- 12:50-1:40 PM Backflow Prevention and Fire Suppression Systems  
*Kevin Poe, Watts/Ames Corporation*
- 2:00-2:50 PM Response to a Backflow Incident  
*Jim Purzycki, BAVCO*
- 3:00-3:50 PM Operation of an Effective CCC Program  
*Eugene Bragazzi, City of Henderson NV*

**Water Distribution  
Grand Ballroom A**

- 7:30-8:20 AM Optimum Water Meter Reading Technologies  
*Stephen Davis, Metering Technology Consultants*
- 8:30-9:20 AM Cellular Public Carrier Networks for AMI  
*Millard Jones and Matt Laird  
Metron-Famier / Transparent Technologies*
- 9:40-10:30 AM Air Valves – Critical of System Efficiency  
*Stew Harvey, GSM*
- 10:40-11:30 AM Basics of Repair Clamps and Couplings  
*Patrick Michael, Golden Sun Marketing*
- 12:50-1:40 PM How a Parasite Can Ruin Your Day  
*Mark Taylor, WestLand Resources*
- 2:00-2:50 PM Evaluating THM Removal for Tanks and Clearwells  
*Peter Fiske, PAX Water Technologies*
- 3:00-3:50 PM Ice Pigging – Cleaning Mains with Ice  
*Paul Treloar, Utility Service Group*

**Maintenance  
Grand Ballroom B**

- 7:30-8:20 AM Anatomy of a Pump Curve – Part 1 & 2  
*John Ivins, Essco Pumps*
- 8:30-9:20 AM Vertical Turbine Installation  
*Paul Walton, Evans Hydro*
- 10:40-11:30 AM What You Need to Know About NSF61 Gaskets  
*Rich Varalla and Dave Purkiss, TRIPAC*
- 12:50-1:40 PM To Do: Implement Oil Analysis Program, Now What?  
*Patrick Forgeron, Analysts, Inc.*
- 2:00-2:50 PM Selection and Maintenance of Dosing Pumps  
*Don Watkins, Grundfos Pumps*
- 3:00-3:50 PM Basics of Repair Clamps and Couplings  
*Patrick Michael, Golden Sun Marketing*

## Wastewater Collections Sonoma A & B

- 7:30-8:20 AM So What's So Important About Professionalism?  
*Steve Tilson, Tilson and Associates*
- 8:30-9:20 AM Air Movement, How & Why it Works, Part 1 & 2  
*Phil Stein, Guzzler Manufacturing (Retired)*
- 9:40-10:30 AM Instrumentation/Calibration Requirements  
*Michael Calvo, GFG Instrumentation*
- 10:40-11:30 AM FOG the Rest of the Story  
*Rick Allen, Biolynceus*
- 2:00-2:50 PM Roots & Grease – A Love Story Gone Bad  
*Brian Conroy and Thomas Edwards, Duke's Root Control*
- 3:00-3:50 PM Chemical Addition Control of Hydrogen Sulfide  
*Chester Morton, Clean Air & Water Engineering*

## Safety/Health/Security Brunswick Room

- 7:30-8:20 AM Electrical Safety for the Water/Wastewater Operator  
*Wayne Ziemann, D/W Environmental Safety & Health*
- 8:30-9:20 AM OSHA Proposed Standard for Silica; It's Not Just Dust  
*Joy Flack, Department of Labor, OSHA*
- 9:40-10:30 AM Monitoring Confined Spaces  
*Jason Call, B/W Honeywell*
- 10:40-11:30 AM Slips, Trips, and Falls  
*Lenny Lucero, RKI*
- 12:50-1:40 Safety in the Workplace  
*Kina Repp, Master Lock*
- 2:00-2:50 PM Lockout Tagout – What to Look For  
*Chris Armstrong, Master Lock*
- 3:00-3:50 PM Temporary Traffic Control  
*Wayne Ziemann, D/W Environmental Safety & Health*

## Stormwater Monterey Bay

- 7:30-8:20 AM Update on California Stormwater Program Initiatives  
*Greg Gearheart, CA Water Boards*
- 8:30-9:20 AM LA County MS4 Compliance and Strategy  
*Tony Hancock and Bronwyn Kelly, MWH Americas*
- 9:40-10:30 AM Findings from Nevada's Large MS4 Audits  
*Steve McGoff, NDEP Water Pollution Control Bureau*
- 10:40-11:30 AM Using Social Media to Change Behavior  
*Stephen Groner, S. Groner Associates, Inc.*
- 12:50-1:40 PM Receiving Water Limitations and TMDLs in MS4s  
*Michael Adackapara, Cal-EPA, Santa Ana Regional WQ Control Board*
- 2:00-2:50 PM Challenges of Stormwater Diversions  
*Elisa Garvey, Carollo Engineers, Inc.*
- 3:00-3:50 PM Green Infrastructure & Urban Water Management  
*Neal Shapiro, City of Santa Monica Office of Sustainability and the Environment*

## Workshop Certification Palm

### \*\*\*\* 3 DAY CLASS \*\*\*\*

- 7:30-3:50 NASSCO Infrastructure Condition Assessments (PACP, MACP, AND LACP)  
*Marilyn Shepard, NASSCO Master Trainer, International Training Rehab Technologies*



**WEDNESDAY, SEPTEMBER 24, 2014**

## Maintenance Grand Ballroom B

- 7:30-8:20 AM Polymer Compounds in Fluid Flow Equipment  
*Dean Popish and Scott Wilson, Belzona California*
- 8:30-9:20 AM Application and Maintenance of VFDs  
*Art Yee, Industrial Technical Services*
- 9:40-10:30 AM Better Wells with Chemicals  
*Norman Howard, Cotey Chemical Corporation*
- 10:40-11:30 AM So What's So Important About Professionalism?  
*Steve Tilson, Tilson and Associates*
- 12:50-1:40 PM Bolted Tank Maintenance and Inspections  
*Mike Bray and Travis Hackworthy Engineering America, Inc.*
- 2:00-2:50 PM Cathodic Protection for Water Storage Tanks  
*Jack Ripley, Corpro Companies, Inc.*
- 3:00-3:50 PM Storm Drain & Road Culvert Rehabilitation  
*Steve Fisher and Dave Badgley, ISCO Snap-Tite*

## Wastewater Treatment Sonoma C & D

- 7:30-8:20 AM What's New at NDEP? E-Permitting and NetDMR  
*Andrew Dixon and Peter Lassaline, NDEP*
- 8:30-9:20 AM MBR Plant Proves Flexible and Easy to Operate  
*Dave Holland, Aqua-Aerobic Systems, Inc.*
- 9:40-10:30 AM CNLV WRF: What Happens at the End of the Pipe?  
*Dave Commons, City of North Las Vegas, NV*
- 10:40-11:30 AM BNR 101  
*Chris Machado, Carollo Engineers*
- 12:50-1:40 PM Granular Media Filter Evaluation  
*Regina Dennis, MWH Global*
- 2:00-2:50 PM Using Rare Earths for Low Level P Removal  
*Joseph Carlston, MolyCorp*
- 3:00-3:50 PM Everyone Wins with a Good OIT Program  
*Jasmine Diaz, Water Systems Consulting, Inc.*

## Environmental Compliance / Pre-Treatment Napa C & D

- 7:30-8:20 AM FOG, Source Control and Collections: 30 years  
*Ralph Palomares, El Toro Water District*
- 8:30-9:20 AM Water Softener Ban Home Inspections  
*John Boyd, LA County Sanitation Districts*
- 9:40-10:30 AM Reporting Significant Non-Compliance  
*Ted Gerber, Orange County Sanitation District*
- 10:40-11:30 AM Local Limits Errors and Enforcement Impacts  
*Curt McCormick, CWA Consulting Services*
- 12:50-1:40 PM Permitting and Permit as a Shield, Part 1 & 2  
*Curt McCormick, CWA Consulting Services*
- 2:00-2:50 PM
- 3:00-3:50 PM Response to PCI – Local Limits  
*Paul Schmidtbauer, South Orange County Wastewater Authority (SOCWA)*

## Instrumentation / Electrical and Control Napa A & B

- 7:30-8:20 AM Electric Motors: The Basics  
*David Carhart, National Park Service*
- 8:30-9:20 AM Instrumentation/Calibration Requirements  
*Michal Calvo, GFG Instrumentation*
- 9:40-10:30 AM Significant Changes to NFPA70E 2015, Part 1 & 2  
*David Kreger, Emerson Network Power – Electrical Reliability Services, Inc.*
- 10:40-11:30 AM
- 12:50-1:40 PM Online Sensors for Centrate Treatment  
*Robert Smith, YSI/Xylem*
- 2:00-2:50 PM Flowmeter Selection, Operation and Maintenance  
*Craig Pfaff, Seametrics*
- 3:00-3:50 PM Swan Turbiwell Case Study  
*Randy Turner, Swan Analytical USA*

## Wastewater Collections Sonoma A & B

- 7:30-8:20 AM Pipe Assessment Inspection Advancements  
*Ed Diggs, Cues*
- 8:30-9:20 AM Advancing Your Collections Career  
*Chris Lopez, Municipal Collection System Consulting*
- 9:40-10:30 AM Best Practices Use, Care, & Repair of Sewer Hose  
*Bernie Hengels, U.E.M.S.I.*
- 10:40-11:30 AM 101 Basic Sewer Nozzles  
*Frank Ligorì, Stoneage*
- 12:50-1:40 PM Sustainability with Polymer Concrete  
*Phil Gale and Mike Bussio, Geneva Polymer Products*
- 2:00-2:50 PM "Catch it..." Area Rod Methodology  
*John Warner, Pima County Regional Wastewater Reclamation Department*
- 3:00-3:50 PM Multi-Purpose Lift Station  
*Damien Tonnelle, Wilson Engineers*

*Sessions and Speakers are tentative and subject to change*

## Safety/Health/Security Brunswick Room

- 7:30-8:20 AM The Active Shooter Threat, Part 1, 2, 3 & 4  
*John Chadwell, EHS International, Inc.*
- 8:30-9:20 AM
- 9:40-10:30 AM
- 10:40-11:30 AM
- 12:50-1:40 PM Ergonomics and Musculoskeletal Disorders  
*Dr. Robert Ostolaza, Fine Chiropractic Center*
- 2:00-2:50 PM Ladder Safety Awareness, Part 1 & 2  
*Pamela Martin, State of Nevada, Safety Consultation & Training Section*
- 3:00-3:50 PM

## Water Distribution Grand Ballroom A

- 7:30-8:20 AM AMI Feasibility Study Components and Analysis  
*Bernard Dunham, Delta Engineering Sales*
- 8:30-9:20 AM How to Successfully Implement an AMR/AMI System  
*Jimmy Terry, Jr., National Meter and Automation*
- 9:40-10:30 AM Third-Party Utility Billing & Submetering  
*Fred Rice, Spectrum Utilities*
- 10:40-11:30 AM Water Loss Management – Leak Detection  
*Daniel Milliron, National Meter and Automation*
- 12:50-1:40 PM The Dead-End Danger Zone  
*Robert Galvin, The Kupferle Foundry Company*
- 2:00-2:50 PM Retrofitting Older Concrete Tanks  
*Mark Moore, DN Tanks*
- 3:00-3:50 PM Solutions for Water Quality Issues in Your Water Tank  
*Mark Moore, DN Tanks*

## Workshop Certifications

- 7:30-11:30 AM Temporary Traffic Control – Work Zone Safety *Redwood*  
*John Bannen, Severn Trent Services*
- 7:30-3:50 (All Day) MS4 Compliance and Code Enforcement Inspector (MS4 CECI) *Monterey Bay*  
*Luke Owen, NPDES Stormwater Training Institute*
- 7:30-3:50 Permit Required Confined Space Entry Certification *Cypress*  
*Rick Prince, Prince Consulting*
- \*\*\*\*3 DAY CLASS\*\*\*\***
- 7:30-3:50 NASSCO Infrastructure *Palm*  
*Marilyn Shepard, NASSCO Master Trainer*

## TOURS

The Tour below is available to the first 20 registered attendees. Please wear comfortable clothing and shoes (no flip-flops, please) suggested.

### Venetian Hotel Tour South Point Bus Loading

- 12:50-3:50 PM Venetian Hotel Tour  
Robust Recycling Management Program  
*Jenn Davis, MWH Americas*

## THURSDAY, SEPTEMBER 25, 2014

### **Maintenance Grand Ballroom B**

- 7:30-8:20 AM Flange and Vales Bolting Seminar  
*Alex Roman, TRIPAC*
- 8:30-9:20 AM Mobile Computing for Every Utility  
*Scott Wenger and Nancy Heuman, INFOTruck*
- 9:40-10:30 AM Alignment of Vertically Mounted Machines  
*Pedro Casanova, Ludeca, Inc.*
- 10:40-11:30 AM Reliability Centered Maintenance Fundamentals  
*Greg Lee, Ludeca, Inc.*
- 12:50-1:40 PM Corrosion Resistant Linings to Protect Wastewater Infrastructure  
*David Snider, Sauereisen, Inc.  
Mike Keating, J. A. Crawford Co.*
- 2:00-2:50 PM Water Tank Selection and Maintenance, Part 1 & 2  
3:00-3:50 PM *Matt Tasch and John Hake, Superior Tank Solutions*

### **Groundwater and Recharge Sonoma C**

- 7:30-8:20 AM Well Development and Rehabilitation, Part 1 & 2  
8:30-9:20 AM *Mike Schneiders and Edd Schofield, Water Systems Engineering, Inc.*
- 9:40-10:30 AM Selective Extraction of Groundwater  
*Noah Heller, BESST, Inc.*
- 10:40-11:30 AM Unknown Unknowns in the Groundwater Industry  
*Marvin Gloffelty, Clear Creek Associates*
- 12:50-1:40 PM Well Plumbness and Alignment Measurement  
*Russ Kyle, GEOSCIENCE Support Services*
- 2:00-2:50 PM Alternative Well Rehabilitation Techniques  
*Scott Campbell and Charles Carner, Empire Pump Corporation*
- 3:00-3:50 PM Water Well Asset Management Programs  
*Dawn Halpern, Utility Service Group*

### **Water Treatment and Surface Water Napa C & D**

- 7:30-8:20 AM Accelerated Use to Evaluate No-Lead Brass  
*Holly McNaught, Southern Nevada Water Authority*
- 8:30-9:20 AM You Won't Find It If You Don't Look For It  
*Brad Cahoon, Eurofins Eaton Analytical*
- 9:40-10:30 AM Trihalomethane Reduction Using Spray Aeration  
*P. Lyle Mariam, Las Vegas Valley Water District*
- 10:40-11:30 AM Salinity Control in the Colorado River Basin  
*Andrew Burns, Southern Nevada Water Authority*
- 12:50-1:40 PM Historical Data of TDS in Chandler Waters  
*Lauren Rae McBurnett, Arizona State University*
- 2:00-2:50 PM Pre-Treatment for Low Pressure Membrane Filtration  
*Kevin Alexander, Kenny Chau, and Troy Walker, Hazen and Sawyer*
- 3:00-3:50 PM Highlights of the Revised Total Coliform Rule  
*Donna Calderon, Arizona Department of Environmental Quality*

### **Water Distribution Grand Ballroom A**

- 7:30-8:20 AM Water Conservation with Metering and AMI  
*Ryan Camathan and Matt Roeder, Sensus USA*
- 8:30-9:20 AM THM Removal within Storage Tanks  
*Dawn Halpern, Utility Service Group*
- 9:40-10:30 AM New Flange Sealing/Isolating Technology  
*Jay Keldsen, GPT*
- 10:40-11:30 AM Protecting Our Water Infrastructure  
*Michael Neill, Infra-Tect, LLC*
- 12:50-1:40 PM Methods of Pipe Repair  
*Scott Bennett, Romac Industries*
- 2:00-2:50 PM Smart Metering Options for Small/Medium Utilities  
*Dawn Halpern, Utility Service Group*
- 3:00-3:50 PM Variable Frequency Drives (VFD)  
*Brian Smith, City of Scottsdale, AZ*

### **Reclaim/Reuse Napa A & B**

- 7:30-8:20 AM The 4Rs: A Framework for DPR Safety  
*Brian Pecson, Trussell Technologies*
- 8:30-9:20 AM DPR Health Criteria and Treatment Evaluation  
*Brian Pecson, Trussell Technologies*
- 9:40-10:30 AM Water Recycling FAQs (Application, Quality, and Regulations)  
*Daniel Gerrity, University of Nevada, Las Vegas*
- 10:40-11:30 AM Efficacy of Computer Models for RO Design  
*Justin Sutherland, Carollo Engineers*
- 12:50-1:40 PM West Basin's Ocean Water Desalination Demo Results  
*Diane Gatza, West Basin Municipal Water District*
- 2:00-2:50 PM Aliso Creek Harvesting & Treatment  
*Bob Ohlund, Dudek*
- 3:00-3:50 PM Potable Reuse Treatment and Technologies  
*Erica Marti, Southern Nevada Water Authority*

### **Wastewater Collections Sonoma A & B**

- 7:30-8:20 AM "Nozzleology" The Science of Nozzles  
*Leighton White, USB - Sewer Equipment Corp.*
- 8:30-9:20 AM Sewer History: The Evolution 2,500 BC to Today  
*Dave Badgley, Badgley & Associates*
- 9:40-10:30 AM Ultra-Violet Light Resin Sectionals  
*Jason Walborn, Pro Pipe*
- 10:40-11:30 AM Alternative Sewer Cleaning Equipment  
*Tom Hochmuth and Gary Hall, Sewer Equipment Company of America*
- 12:50-1:40 PM Combination Machine Maintenance  
*Carey Olcott, Haaker Equipment Company*
- 2:00-2:50 PM Protective Coatings & Linings QA/QC  
*Rocky Capehart, Sprayroq, Inc.*
- 3:00-3:50 PM Odor & Corrosion Control - A Case Study  
*Danton Brown and Dave LaJeunesse  
Anue Water Technologies*

**Math  
Brunswick Room  
(all day)**

7:30-3:50 Math Made Easy for All Water and Wastewater Operators, Parts 1 through 7  
*Paul Krauth, Utah Division of Wastewater Quality*

**Laboratory  
Sonoma D**

7:30-8:20 AM Legally Defensible Data – Ethics  
*Dianne Frydrych, Legend Technical Services of Arizona*

8:30-9:20 AM Proper Water Sampling – All the Basics  
*Crystal Montecinos and Dave Faircloth, Sierra Environmental Monitoring*

9:40-10:30 AM Lab Certification – What it Really Takes  
*David Frohnen, Silver State Analytical Lab and Enviro Tech. Nevada*

10:40-11:30 AM Water & Wastewater Bacterial Testing  
*Dana LaRance, City of Henderson, NV*

12:50-1:40 PM Laboratory Safety  
*Bruce Dacko, City of Las Vegas, NV*

2:00-2:50 PM Using TOC to Estimate BOD  
*Doug Drury, Clark County Water Reclamation District*

3:00-3:50 PM Evaluation of Virus Removal Capabilities  
*Julian Hoyle, CH2M Hill  
Adrian Edwards, City of Henderson, NV*

**Workshop Certification**

7:30-11:30 AM Temporary Traffic Control – Work Zone Safety *Redwood*  
*John Bannen, Severn Trent Services*

7:30-11:30 Trench and Excavation Safety *Monterey Bay*  
*Trench Shoring Company*

7:30-3:50 Permit Required Confined Space Entry Certification *Cypress*  
*Rick Prince, Prince Consulting*

**\*\*\*\*3 DAY CLASS\*\*\*\***

7:30-3:50 NASSCO Infrastructure *Palm*  
*Marilyn Shepard, NASSCO Master Trainer*

**TOURS**

The Tours below are available to the first 55 registered attendees. Please wear comfortable clothing and shoes (no flip-flops, please) suggested.

**Wetlands Park Tour  
South Point Bus Loading**

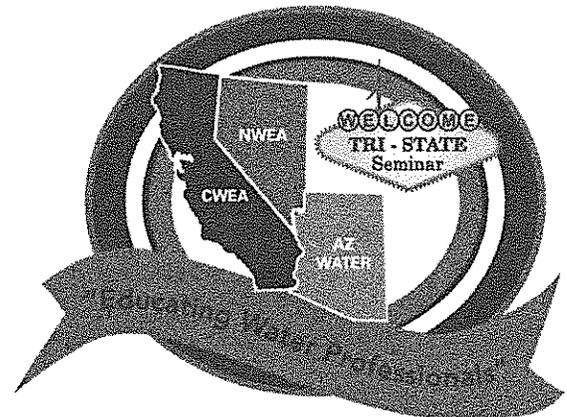
7:30-11:30 AM Wetlands Park Tour

**Wastewater Treatment Plant Tour  
South Point Bus Loading**

7:30-11:30 AM The City of North Las Vegas Water Reclamation Facility (WRF)

*Sessions and Speakers are tentative and subject to change*

**KEEP CHECKING  
BACK OFTEN  
FOR UPDATES**





**Tuesday, October 21, 2014**

**Session 1-Pipeline Rehabilitation**

**1:30-2:00 PM**

***Keep It Flowing - CIPP Rehabilitation  
And Bypass Station Installation on a  
35-Year Old Transmission Line***

Jeff Fidelin, SRT Consultants

The presentation is a case study of a sewer force main rehabilitation project that is submitted to AWWA because of its many similarities with water transmission lines, including the necessity to maintain service when repairing even though the pressurized pipe has no redundancy, no isolation valve, and no access manways. The Granada Force Main is part of the sewage transmission system operated by the Sewer Authority Mid-Coastside in Half Moon Bay. It is a 1.7-mile long, 14-inch-diameter, ductile iron pipe that conveys flows up to 3,000 gallons per minute (gpm) and pressures up to 60 pounds per square inch (psi). The 35-year old pipe has no access manways or isolation valves and needs extensive repair. It can only be shut down for a few hours. Installing a parallel redundant pipe is not an acceptable option.

Under such constraints, a customized approach has been developed to address immediate repair needs and allow future inspection and maintenance. The priority section of pipe has been identified and repaired using Cured-In-Place Pipe (CIPP). Four bypass stations have also been installed along the non-rehabilitated portion of pipe to afford Operations Staff

opportunities for periodic inspections, maintenance, and repairs. The project required eleven pipe shutdowns and had no spills.

**2:00-2:30 PM**

***Replacement of a Large Diameter  
Transmission Pipeline Using Slip  
Lining***

Ryan Pearson and Peter Jauch, Las Vegas Valley Water District

This presentation documents the case study of the planning, design, application and construction of a fusible polyvinyl chloride (PVC) slip lining project. Internal Asset Management staff determined that the existing pipeline in Las Vegas Boulevard under I-215 was leaking using Echologics listening techniques. Closed circuit television (CCTV) inspection of the pipeline was conducted as well, which indicate corrosion correlating to locations determined during the Echologics testing. These locations appeared to be under the travel lanes of Clark County Beltway I-215. The Echo Logics and CCTV inspections indicated that the pipeline was leaking and that it needed to either be isolated repaired or replaced. The pipeline provides a secondary feed to the hotels and casinos on Las Vegas Boulevard, making it a valuable asset. It was also needed to be in service as scheduled maintenance on the primary feed to Las Vegas Boulevard was necessary in the immediate future. Therefore, it was determined that the line had to be replaced and not abandoned in place. Many installation methodologies were considered during the planning phase of

## Preliminary Technical Program -Tuesday

the project. Due to challenging pipe alignment and location of the existing pipe, it was determined that typical replacement options like open cutting and bore and jacking were not feasible. Slip lining was determined to be the best installation method due to these constraints and fusible PVC emerged as the best material selection as well. Numerous pipeline materials were considered for slip lining and fusible PVC rose to the top of the material list because it afforded the largest inside diameter of all the options.

Thirty (30) inch fusible PVC was installed via slip lining in an existing thirty-six (36) mortar lined and coated steel pipe. Approximately 800 linear feet of fusible PVC was installed in six (6) segments. Insertion pits were established at bends in the existing alignment. The longest segment of slip lining was approximately 215 feet and the shortest were approximately 40 feet. The segments were tied together with ductile iron bends and fittings at the insertion pits.

### **2:30-3:00 PM**

#### ***Water Hammer – Tackling Transients Events at San Jose Water Company***

Jacob Walsh and Andy Yang, San Jose Water Company

Water Hammer and transient events occur as a result of sudden changes in flow and can be a very expensive and time consuming challenge for water utilities to identify and solve. Additionally, failures associated with these events have the potential to introduce contaminants from outside the pipe into the

distribution system. At San Jose Water Company (SJWC) water hammer events have led to service line and consumer fixture failures as well as expensive home-repair claims against the company. SJWC has begun to use hydraulic modeling surge software in conjunction with transient pressure data loggers installed at key points in the field to analyze and develop solutions for mitigating water hammer events. In this lecture, the audience will learn: how SJWC investigates real-world water hammer events; potential ways to solve water hammer events in their respective system based on SJWC's experience; and the importance of incorporating a transient analysis into booster station designs.

### **BREAK 3:00-3:30 PM**

### **3:30-4:00 PM**

#### ***Upgrading Large Diameter Pipelines under Challenging Seismic Conditions***

Deborah Cohen, Kennedy/Jenks Consultants and Calvin Huey, Sam Young and Heather Manders, San Francisco Public Utilities Commission

In 2002, the San Francisco Public Utilities Commission (SFPUC) launched the Water System Improvements Program (WSIP) with the intent to provide seismic, delivery, and water reliability to the residents of the San Francisco Bay Area. The numerous projects performed under the WSIP will repair, replace, and seismically upgrade the system's deteriorating pipelines, tunnels, reservoirs, pump stations, storage tanks

## Preliminary Technical Program -Tuesday

and dams. The Harry Tracy Water Treatment Plant (HTWTP) Long Term Improvements Project (LTIP) and the Peninsula Pipeline Seismic Upgrades (PPSU) Project are two projects that were designed and constructed as part of the WSIP.

The HTWTP LTIP project was implemented to upgrade the plant's water treatment process facilities as well as seismically retrofit various components of the plant, which is located less than a thousand feet from the San Andreas Fault and with strands of the secondary Serra Fault crossing portions of the plant. Results of a seismic investigation and evaluation recommended the replacement of multiple large-diameter pipelines ranging in diameter from 60- to 96-inches. Improvements included slip-lining a 60-inch pipeline as well as constructing two tunnels to contain 84- and 96-inch diameter pipelines. In order to improve reliability of supply from the HTWTP, the PPSU Project was developed to increase reliability during potential seismic events of three Regional Water System water transmission pipelines - San Andreas No. 2 (SAPL2), San Andreas No. 3 (SAPL3) and the Sunset Branch Pipeline (SSBPL). The three pipelines cross the Serra Fault, a secondary fault situated to the East of the San Andreas Fault that passes through Colma Valley. In addition, SAPL2 and SAPL3 are affected by the Colma Valley liquefaction zones. The recommended modifications to the PPSU pipelines are grouped into five project sites located on the San Francisco Peninsula in San Mateo County, in the cities of Colma, South San Francisco, San Bruno and Millbrae.

This presentation provides an overview and lessons learned from these designs of upgrades to large diameter pipelines under challenging seismic conditions. Challenges encountered during construction and detailed construction photographs provide additional insight of design and construction considerations for these complex projects.

**4:00-4:30 PM**

### *San Francisco Public Utilities Commission Sole Sourcing Japanese Earthquake Ductile Iron Pipe*

Doug Lee and Thanh Nguyen, San Francisco Public Utilities Commission

To improve the seismic reliability of its potable and firefighting water systems, the San Francisco Public Utilities Commission (SFPUC) is sole sourcing Kubota Earthquake Resistant Ductile Iron Pipe (ERDIP). ERDIP is patented and manufactured by the Japanese firm Kubota Corporation. The seismic resistance in ERDIP is provided by the patented flexible joint system that allows angular deflection with a range of 8 degrees and expansion and contraction of  $\pm 1\%$  of the pipe length. Since the 1980s, it has been installed throughout Japan and in the Middle East and Asia. The Japanese ERDIP network survived the 1995 Kobe and 2011 East Japan Earthquakes with no reported seismic induced failures in ERDIP. Recently the Los Angeles Department of Water and Power (LADWP) have successfully installed ERDIP within its service area.

## Preliminary Technical Program -Tuesday

The SFPUC is designing two ERDIP pilot projects. The Potrero Avenue Ductile Iron Pipe Main Replacement and Installation Project will install 2,800 feet of new 8" diameter low pressure potable water ERDIP main (scheduled for construction in Spring 2015). This project will install a dedicated water supply line for San Francisco General Hospital. The Candlestick Point Development project will install 3,200 feet of new 20" ERDIP to expand the SFPUC's Auxiliary Water Supply System (AWSS) to the new residential development (scheduled for construction in Spring 2015). The AWSS system is a dedicated high pressure water system operating at pressures as high as 335 psi used exclusively for firefighting. The AWSS is constructed with a SFPUC patented design developed over a century ago in response to the 1906 San Francisco earthquake. Recently the SFPUC started looking into viable alternatives that are more economical, more readily available, easier to install, replace, and repair, and that may provide higher performance. The SFPUC is using these two projects to evaluate the feasibility of replacing the existing AWSS standards with ERDIP, which has the potential to reduce cost and improve seismic performance. This presentation will discuss the SFPUC experience from the planning and design phases through the competitive bid process for material procurement and installation, highlighting challenges and obstacles that potential ERDIP users in the United States may experience when working with a new technology developed by a foreign entity. In addition, SFPUC will discuss its plans for staff and contractor

training and certification to correctly inspect and install ERDIP.

### **4:30-5:00 PM**

#### ***Before you take that pipe to rehab: Condition Assessment Considerations***

Chris Ewers, Ewers Engineering, Inc.

This is an exciting time. Pipeline rehabilitation options are opening up, with tools now available to install a replacement pipeline inside an existing pipeline with strength characteristics similar to the original pipeline. The costs for these technologies are considerable, sometimes exceeding the cost of installing a new, adjacent pipeline. And specific rehabilitation technologies are not appropriate for installation in all situations. But how to evaluate what technologies are a good fit for a specific problem pipeline? Consider developing a condition assessment.

Condition assessment is intended to provide a tool for predicting when an asset must be rehabilitated or replaced, permitting the owner to marshal resources to perform the replacement or rehabilitation before an emergency develops. The allure of condition assessment has driven research and development from the federal level in the United States through large corporations in Canada and Australia for some specialized and expensive data collection technologies.

This presentation has been developed to provide the attendees with a set of questions to answer to develop an effective approach for pipeline

## Preliminary Technical Program -Tuesday

rehabilitation beginning with simple condition assessment. Attendees will learn how to maximize the already available and easily available information about their pipelines to maximize the benefit of a rehabilitation effort and minimize its cost. The process is based on work with California agencies to develop an integrated condition assessment program that becomes part of the day-by-day work of the agency and a reflection of the agency's culture of commitment to its customers.

The presentation will address costs and timelines for implementation of condition assessment technologies ranging from the simple, generally applicable to the complex and highly specialized. It will also correlate with rehabilitation techniques, addressing their costs and limitations, as well.

### Session 2-Safe Drinking Water Act

**1:30-2:00 PM**

#### *The West Without Water*

B. Lynn Ingram, University of California Berkeley

Participants will learn about paleoclimatology and what both tree ring data and sediment records indicate regarding long term droughts and cataclismic floods in California

**2:00-2:30 PM**

#### *Historical Perspective on Drinking Water Regulations*

Mic Stewart, MWDSC

Participants will learn about what humans have long known about water quality and US Drinking Water Regulations beginning with "The Common Cup".

**2:30-3:00 PM**

#### *Looking Forward After 40 Years of the SDWA*

Alan Roberson, AWWA Regulatory Affairs

Participants will learn about how drinking water regulations have evolved since the SDWA was passed in 1974.

**BREAK 3:00-3:30 PM**

**3:30-4:00 PM**

#### *Public Health Perspectives on SDWA*

Bruce Macler, Cal-Nevada Section Chair

Participants will learn about how the Safe Drinking Water Act has improved drinking water quality delivered to Americans and the resultant public health benefits in the United States.

**4:00-4:30 PM**

#### *SDWA Impacts on Nevada's Drinking Water Regulations*

Jennifer Carr, NDEP

Participants will learn about how the SDWA has impacted State of Nevada's drinking water program during the past 40 years.

## Preliminary Technical Program -Tuesday

**4:30-5:00 PM*****SDWA Impacts on Drinking Water Research***

John Albert, AwwaRF

Participants will learn how SDWA has impacted water research during the past 40 years.

**Session 3- Environmental, Health & Safety****1:30-2:00 PM*****Practical Guidance to Manage Drinking Water System Releases***

Marian Gonzalez, Alameda County Water District

Participants will learn about the CA-NV AWWA Best Management Practices Manual for Drinking Water System Releases. This manual provides general information and example procedures used by our industry to better manage drinking water system releases and compliance with regulatory requirements.

**2:00-3:00 PM*****NPDES Roundtable: Drinking Water System Discharge***

Marian Gonzalez, Alameda County Water District and David Kimbrough, Alameda County Water District

Participants will learn about the most recent updates on drinking water system discharge NPDES permitting and have the opportunity to discuss the issues with subject-matter experts.

**BREAK 3:00-3:30 PM****3:30-4:30 PM*****Surface Water Regulation and BMP Implementation***

Dino Orbiso, Golden State Water Company

Participants in this session will learn about the brief history of surface water protection regulation in the United States and the various BMP technologies and methodologies currently available to comply with current regulations.

**4:30-5:00 PM*****Critical Role of HVAC Systems in Indoor Air Quality***

Michael Peterson, EORM

Participants will learn the role of Heating Ventilation and Air Conditioning (HVAC) in Indoor Air Quality (IAQ), common HVAC issues affecting IAQ, simple methods for evaluating IAQ at your facility, and when to get professional help.

**Session 4-Security & Emergency Planning****1:30-3:00 PM*****CalWARN/NvWARN/AzWARN Joint Exercise - Part I***

Ray Riordan, CalWARN

In this full session proposal, Participants will learn how the demand and need for fuel planning before an emergency is critical. Lessons learned from Hurricanes Sandy and recent events will be reviewed

## Preliminary Technical Program -Tuesday

and the interdependent need on water sector response. This session will allow attendees to contribute to the development of an emergency fuel plan for the water industry and their utility specifically.

**BREAK 3:00-3:30****3:30-5:00 PM*****CalWARN/NvWARN/AzWARN Joint Exercise - Part II***

Ray Riordan, CalWARN

In this full session proposal, Participants will learn how the demand and need for fuel planning before an emergency is critical. Lessons learned from Hurricanes Sandy and recent events will be reviewed and the interdependent need on water sector response. This session will allow attendees to contribute to the development of an emergency fuel plan for the water industry and their utility specifically.

**Session 5-Water Well Technology****1:30-2:00 PM*****Development of a Regional Well Rehabilitation and Replacement Program***

Russell Kyle, GeoScience

Participants will learn about the steps necessary to evaluate a large and aging groundwater production well field and rank the wells with regard to rehabilitation or replacement.

**2:00-2:30 PM*****City of Davis Journey by the Public Works and Parks Departments Partnering Together to Convert a Domestic Water Well to an Irrigation Well***

Tim Williams, Kennedy Jenks and Dianna Jensen, City of Davis

The City embarked on conversion of a well reaching its useful life and converting it from a potable to irrigation well for a large City park to reduce peak water demands and save cost on the City's general fund.

**2:30-3:00 PM*****Dewatering Wells to Accommodate Large Scale Construction in Doha, Qatar***

Kent O'Brien, GHD

The participants will learn about the unique issues related to installing and operating large scale dewatering projects in Qatar located in the Middle East. This presentation also reviews some of the consequences of large scale aquifer dewatering projects in an arid environment.

**BREAK 3:00-3:30****3:30-4:00 PM*****Development and Application of Computer-based Well Management and Assessment Tools for Water Companies***

Stephen Harrison, California Water and Yemia Hashimoto, AMEC

## Preliminary Technical Program -Tuesday

Participants in this session will learn how a computer-based asset management tool was designed for and how it is used by two large western water utility companies to determine budgets, justify rate increases, and focus on wells that may soon need repair.

### 4:00-5:00 PM

#### *Water Well Asset Management Programs: A New Sustainable Approach to Maintaining Well Performance and Water Quality*

Ray Reece and Jack Powell, Utility Services

Participants will be informed of the use of CO2 as a method for rehabilitating a well and then the ongoing use of mini treatments to

prolong the service production of capacity over time. The comparison of other cleaning technologies will be discussed.

### Session 6-Engineering & Construction

#### 1:30-2:00 PM

#### *Using Design Build Operate Delivery for a 30 MGD Raw Water Conveyance, Water Treatment, and Delivery System for the Cities of Davis and Woodland, California*

Kathy Rosinski, CH2M HILL

Participants in this session will learn about the the 30 mgd new potable water treatment plant currently being designed and constructed for the Cities of Davis and Woodland, including challenges and

novell approaches employed to optimize energy efficiency and life cycle cost.

#### 2:00-2:30 PM

#### *Surface Water, the Cornerstone of Fresno's Conjunctive Use Program to Mitigate Drought Impacts*

Peter von Bucher, Carollo Engineers

Participants in this session will learn how the City of Fresno's new 80 mgd surface water treatment plant will serve as the cornerstone for a conjunctive use program designed to mitigate drought impacts and meet growing demands through 2050.

#### 2:30-3:00 PM

#### *One year later - Wellhead Treatment Plant Operation*

Jim Elliot, Park Water Company with Issam Najm, WQTS, Inc.

Participants in this session will learn will learn about the knowledge gained in the operation of a wellhead coagulation-filtration arsenic/manganese treatment system. After 1

year of operation, the presentation will discuss performance, operational challenges, and lessons-learned.

#### BREAK 3:00-3:30

#### 3:30-4:00 PM

#### *Real World Implications of California's NSF/ANSI 61 Certified Concrete Requirement*

## Preliminary Technical Program -Tuesday

Chris Cleveland, Carollo Engineers with Kevin Peacock, DN Tanks

Participants will learn what real world challenges have been encountered in meeting California NSF/ANSI 61 certification of concrete. Case studies reviewed will include a large water treatment plant project and several pre-stressed concrete tank projects. Successful strategies will also be reviewed.

**4:00-4:30 PM**

***How to Design an Effective Public Outreach Program for Very Disruptive Construction Projects***

Tim Karlstrand, Carollo Engineers

Participants in this session will learn will hear lessons learned on how to and how not to deliver a project that is very disruptive to the public.

**4:30-5:00 PM**

***Implementing Program Management for Delivery of the City of Fresno's Metropolitan Water Resources Management Plan.***

Martin Wendels, City of Fresno with Gino Rapagna, CH2M HILL

Participants in the session will learn of how the City of Fresno is applying program management strategies for implementation of the City's Metropolitan Water Resources Management Plan, ultimately to enable the City to assure a long-term sustainable and reliable water supply for Fresno citizens and improved

water resource management for the region.

### **Session 7A-Energy**

**1:30-2:00 PM**

***Eastern Municipal Water District: The Roadmap to Energy Excellence***

Greg Kowalski, Eastern Municipal Water District

Participants in this session will learn through an overview of the Energy Management Plan (EMP), and will be provided with a focused discussion of the evaluations and feasibility to convert existing natural gas internal combustion engine driven pumps to electric motors. The issues, challenges, GHG emissions, and regulatory requirements surrounding the conversion will also be detailed.

**2:00-2:30 PM**

***Incorporation of Photovoltaic (PV) systems into a Water Utility's Energy Portfolio***

Peter Jauch, Las Vegas Valley Water District

Participants in this session will learn how a large water utility has implemented photovoltaic systems into its energy portfolio and taken steps to mitigate power cost increases for its ratepayers.

**2:30-3:00 PM**

***Save by going to the right Tariff***

Mike Espejo, Derceto, Inc

## Preliminary Technical Program -Tuesday

Attendee's will learn how to review the SCE tariffs that your pumping plants are on and what tariff alternatives are available.

### **3:00-3:30 BREAK**

### **Session 7 B- Asset Management**

**3:30-4:30 PM**

#### ***Asset Management Panel - Real World Asset Management Programs***

Doug Spiers, Moderator

WestinPanel discussion by water utility personnel presenting three actual case studies of asset management program implementation. This interactive session presents the approaches, successes and challenges of implementing asset management programs within public sector water utilities, and highlights the best practices employed at each.

**4:30-5:00 PM**

#### ***Vertical Turbine Pump Issues and Solutions***

Michael Volk, Volk & Associates, Inc.

Participants in this session will learn how vertical turbine pumps solve a wide range of application problems in water supply and distribution, while at the same time presenting a variety of challenges to reliable system operation and maintenance cost containment.

**Wednesday, October 22, 2014****Session 8-A Materials Performance****8:00-8:30 AM*****Construction Cost Estimating***

Aaron Smud, Alpine Development

Many engineering and consultants develop construction estimates and schedules in a very similar fashion using a parametric approach. In short that entails identifying similar projects and comparing the cost and schedule history of those source projects. Often these costs are prorated to incorporate scope differences. Although this method can be effective it also can be flawed for a number of reasons: differing site conditions, working restrictions, design characteristics and numerous other factors can all substantially fluctuate the costs. Contractors on the other hand, typically take more of a project specific approach to develop a resource loaded definitive estimate including actual material costs, subcontractor quotes, assumed production using identified labor and equipment resources, and indirect costs consisting of project management, safety, and inspection costs. This estimate will also incorporate all project specific restrictions, design elements and other working constraints. During this presentation, participants will learn in more detailed the differences of these two estimates and guidance of how to avoid common mistakes within the estimating process.

**8:30-9:30 AM*****Thrust Restraint for Ductile Iron Pipelines***

Paul H. Hanson, P.E., DIPRA

Thrust Restraint for Ductile Iron Pipe Systems reviews solutions for thrust force problems. Internal hydrostatic pressure results in unbalanced forces - known as thrust forces at various locations in a pressurized piping system. These locations must be provided with proper thrust restraint. This program reviews design procedures for thrust blocks, restrained joint and other restraining techniques.

**9:30-10:00 AM BREAK****Session 8-B Security & Emergency Planning****10:00-10:30 AM*****The Arid West - The Weatherman Perspective (What they expect for the next rainy season)***

Mike Alger, KTVN Channel 2 - Reno, NV

Participants will learn what is involved in predicting the weather for residents of Northern Nevada and California and whether we can expect drought or flood...and the impact on your utility.

**10:30-11:30 AM*****Metals Theft: The Cancer You Can Do Something About!***

Sue Lavin, Copper Theft Solutions LLC

Participants of this session will learn the extent of metals theft, who is doing it and what every utility can and should be doing to eliminate this cancer affecting our ability to reliably supply water to our customers.

**11:30-1:30 LUNCH****1:30-2:00 PM*****Your Watershed's on Fire...What do you do?***

Mary Ellen Carroll, San Francisco Public Utilities Commission

Participants of this session will learn key lessons learned from a major incident affecting a water utility and how to turn these lessons into corrective actions for improvement.

**Session 8-C Information Management****2:00-2:30 PM*****Smart Water in Spatial Asset Management***

John Leeuwenburg, Realworld Systems

How to apply various Spatial Asset Management applications to managing all assets related to water and how to apply

them to operations, engineering, design, maintenance and customer service.

**Session 8-D Security & Emergency Planning****2:30-3:00 PM*****Resource Typing - The Innovative Approach***

Shaun Curtis, Long Beach Water; Christine Herndon, Herndon Solutions Group

Participants will learn will learn how your utility can also comply with industry resource typing directives and apply it for both deployment, as well as if your utility is the requesting authority.

**3:00-3:30 BREAK****3:30-4:00 PM*****Security: A Look Into the Future***

Alan Gatlin, Leverage Information Systems

Participants will learn the value of a system approach to security using a "Next Generation Model" that is scalable and the essence of a Proactive Security/Surveillance Program and the role SCADA integration can play. This session is valuable for all utilities interested in benchmarking their security system or would like a glimpse into the future of water utility security.

**4:00-5:00 PM*****Lessons Learned from Recent Disasters: The Burning Man After Action Report***

James Wollbrinck, San Jose Water Company

Participants of this session will learn what knowledge was gained by those that experienced the most recent disasters that affect the water industry.

### Session 9-A Communications & Customer Relations

**8:00-8:30 AM**

*Effectively Educating Ratepayers about Investing in Infrastructure and Rate Increases: A Case Study from the SFPUC*

Deborah Chilvers, Deputy Communication Director, SFPUC

Participants will learn about how the SFPUC was able to develop and implement an outreach program to effectively communicate with customers that rate increases are needed to invest in our water and wastewater infrastructure to ensure a reliable system for generations to come. Lessons learned will also be included as part of the discussion.

**8:30-9:00 AM**

*SFPUC's "My Account" Online Portal: Increasing Water Use Awareness among Customers One Click at a Time*

Alison Kastama, Communications, SFPUC;  
Heather Pohl, Project Management, SFPUC

Participants will learn about how the San Francisco Public Utilities Commission is using a new online portal "My Account" to raise awareness among customers of daily water consumption and encourage conservation. Participants will also learn about the challenges and lessons learned with building and launching a portal like My Account.

**9:00-9:30 AM**

*Communicating Rates to Customers Using the Web*

Darcy Burke, Municipal Water District of Orange County

**9:30-10:00 AM BREAK**

**10:00-10:30 AM**

*Videos 101: Show Them About Water*

Shannon Reed, Irvine Ranch Water District

Participants will learn about the value of showing customers and stakeholders informational videos about water. This presentation will give attendees the basics of starting a Video Communications program.

**10:30-11:00 AM**

*Media Management: Make It Work For You During Drought*

Marlene Olsen, Good Standing Outreach

How to manage your agenda, especially around drought education, with media: a response to the media should be a benefit to you and your organization most of the time. How to evaluate a good opportunity, manage it and when you can say no.

**11:00-11:30 AM**

***Making an Impact with Social Media***

Erika Blaska, Irvine Ranch Water District

Participants will learn about how to fully utilize social media to make an impact with their target audience and demonstrate results. Content includes developing a social media outreach campaign, measuring success, and getting your Board on board.

**11:30-1:30 LUNCH**

**Session 9-B Desalination**

**1:30-2:00 PM**

***Fertilizer Driven Osmosis and Other Novel Forward Osmosis Desal Applications***

Erik Desormeaux, Porifera, Inc

Participants in this session will learn how to utilize Forward Osmosis to reduce energy to desalinate water. This includes zero energy "Fertilizer Driven Osmosis" for agriculture and irrigation water and reduced energy applications such as "Osmotic Dilution" and "Hydraulically Combined Pressure Retarded Osmosis."

**2:00-2:30 PM**

***Subsea Groundwater for Desalination Feedwater Supply***

Brian Villalobos, Geoscience Support Services, Inc

The participants will learn the required hydrologic conditions and investigative approach for determining the feasibility of using subsea subsurface intake systems for obtaining desalination feedwater supply

**2:30-3:00 PM**

***Introducing Desalinated Seawater into Distribution Systems***

Helene Baribeau, Baribeau Environmental Engineering; Rod Posado, Otay Water District

This presentation will evaluate the effects of introducing and blending desalinated seawater with other water sources, with a focus on disinfectant residual, disinfection by-products, corrosion, biostability, nitrification, and boron.

**3:00-3:30 BREAK**

**3:30-4:30 PM**

***FO Pilot Test Results Recycling Secondary Effluent and Graywater***

Erik Desormeaux, Porifera, Inc.

Participants in this session will learn how forward osmosis improves water quality and reduces costs, maintenance and footprint compared to current

technologies when recycling water for high purity reuse.

### Session 10-A Safe Drinking Water Act

**8:00-8:30 AM**

#### *USEPA Drinking Water Regulatory Update*

Corine Li, USEPA

Participants will learn about EPA's on-going and recent changes in drinking water regulations

**8:30-9:00 AM**

#### *Nevada's Drinking Water Program Regulatory Update*

Jennifer Carr, NDEP

Participants will learn about Nevada's recent changes in drinking water regulations

**9:00-9:30 AM**

#### *Nevada's Plans for Implementing the Revised Total Coliform Rule*

Jennifer Carr, NDEP

Participants will learn about NDEP's plans for implementing the Revised Total Coliform Rule in 2015

**9:30-10:00 AM BREAK**

**10:00-10:30 AM**

#### *California's Regulatory Update*

Cindy Forbes, California SWRCB

Participants will learn about California's administrative Reorganization as well as on-

going and recent changes in drinking water regulations

**10:30-11:00 AM**

#### *Drinking Water Regulatory Update*

Alan Roberson, AWWA Regulatory Affairs

Participants will learn about on-going drinking water impacts and developments

**11:00-11:30 AM**

#### *Regulated Contaminant Monitoring Rule 3 Occurrence Data and Implications*

Tarah Henrie, California Water Service Company

Participants will learn about the trends in UCMR 3 occurrence and how this may drive future regulation. The ramifications for utilities will also be discussed.

**11:30-1:30 LUNCH**

### Session 10-B Source Water Quality

**1:30-2:00 PM**

#### *EPA's Long Term 2 Enhanced Surface Water Treatment Rule (LT2)*

Monica Van Natta, UL LLC

Participants in this session will learn an overview of the upcoming LT2 rule which affects all PWSs that use surface water or groundwater under the influence of surface water. This discussion will include key differences from Round 1, sample

## Preliminary Technical Program -Wednesday

collection options, and why Cryptosporidium is monitored.

**2:00-2:30 PM*****In Situ Aeration Applications***

Sam Silva, California Water Service Company

The objective of this lecture is to educate the audience on practical in-situ aeration applications for surface water and drinking water treatment operations

**2:30-3:00 PM*****SBA Water Quality Impacts Related to the Drought***

Bruce Cabral, Santa Clara Valley Water District

Participants will learn about the drought impacted raw water quality at the various treatment plants that receive water from the South Bay Aqueduct.

**3:00-3:30 BREAK****3:30-4:00 PM*****Maintaining Raw Water Reservoir Quality In Drought Conditions by Solar Powered Long Distance Circulation.***

David Summerfield, Medora Co. SolarBee/ GridBee

Participants in this session will learn about how drought conditions can lead to poor water quality in raw water

reservoirs. Toxic cyanobacteria, also called Blue Green Algae, can create a number of water quality problems. This presentation will focus on controlling algae blooms with in-lake, solar powered, long distance circulators.

**4:00-4:30 PM*****Application of Hypolimnetic Oxygenation to Address TMDL for a Eutrophic Reservoir***

William K. Faisst, Brown and Caldwell

Participants in this session will learn how adding oxygen to a eutrophic reservoir's hypolimnion allowed South Tahoe PUD to control algae concentration and nutrient cycling and take affirmative action to preserve recreational fishing while meeting TMDL requirements.

**Session 11-A Research****8:00-8:30 AM*****Geochemical Controls on Chromium Occurrence, Speciation, and Treatability (WRF Project 2842)***

Mary Messer Smith, Water Research Foundation

about the influence of aquifer conditions on the release of chromium from Cr-bearing aquifer formations and potential removal techniques for Cr accumulated in recovered water in aquifer storage and recovery projects.

**8:30-9:00 AM**

***Lessons Learned from 8 years of Operating a Hexavalent Chromium Treatment Plant***

Joseph Zalla, CH2M HILL

Participants in this session will learn about an operating hexavalent chromium treatment plant, current hexavalent chromium drinking water regulations, and alternative treatment methods for removing hexavalent chromium.

**9:00-9:30 AM**

***Where Does Chromium Go? An Assessment of the Fate of Chromium in Distribution Systems***

Phil Brandhuber, HDR

Participants in this session will learn if there is evidence that chromium concentrations can increase or decrease or that chromium can change speciation once it enters the distribution system.

**9:30-10:00 AM BREAK**

**10:00-10:30 AM**

***A Water Utility's Approach to Compliance with the California Hexavalent Chromium MCL***

Craig Gorman, Corona Environmental Consulting

Implications of strong base anion exchange for hexavalent chromium removal from drinking water.

**10:30-11:00 AM**

***Practical Considerations for Chromium 6 Treatment***

Tarrah Henrie, California Water Service Co.

Participants in this session will learn the practical considerations for selecting chromium 6 treatment, and the challenges we are working through to install treatment.

**11:00-11:30 AM**

***Full-scale SBA-IX Cr(VI) Treatment Experience at Soquel Creek Water District***

Chad Seidel, Corona Environmental Consulting, LLC

Participants in this session will learn about experiences from full-scale strong base anion exchange (SBA-IX) Cr(VI) treatment at Soquel Creek Water District, including comparisons with past bench- and pilot-scale test results and residuals management strategies.

**11:30-1:30 LUNCH**

**1:30-2:00 PM**

***Fracking***

Mark Nechodom, CA Dept of Conservation

Participants will learn some of the technical challenges of oil and gas development, and specific features of hydraulic fracture stimulation. Moreover, the presentation will include key elements of the recently passed and signed Senate Bill 4.

**2:00-2:30 PM**

*Hydraulic Fracturing: Developing Water and Oil and Gas Sector Partnerships*

**HYDRAULIC FRACTURING:  
DEVELOPING WATER AND OIL & GAS  
SECTOR PARTNERSHIPS**

John Whitler, Water Research Foundation

This presentation will provide a review of findings from an April 2014 workshop that WRF conducted to improve partnerships between oil and gas and the water sector.

**2:30-3:00 PM**

*EPA's Study of the Potential Impacts of Hydraulic Fracturing for Oil & Gas on Drinking Water Resources*

Ramona Trovato, USEPA

potential impacts of hydraulic fracturing on drinking water resources and to identify the driving factors that may affect the severity and frequency of such potential impacts. EPA has designed the scope of the research around five stages of the hydraulic fracturing water cycle: water acquisition, chemical mixing, well injection, produced water and flowback, and wastewater treatment and disposal.

**3:00-3:30 BREAK**

To answer the study's research questions, EPA is analyzing existing data, creating computer models, performing laboratory studies and toxicity assessments, and examining case studies.

**Session 11-B Backflow Programs**

**3:30-4:00 PM**

*How Tester Ethics Can Damage Your Cross Connection Control Program*

Chris Castaing, San Diego County Water Authority

Participants in this session will learn what the impacts of Certified Backflow Testers not performing their job properly/ethically.

**4:00-4:30 PM**

*Backflow Preventer Testing & Maintenance: Administer or Do It Yourself*

Jeff Flynt, Palomar Backflow

Participants in this session will learn about a Water Agency who conducts their Cross Connection Control program and Backflow testing in house.

**Session 12- Operators**

**8:00-8:30 AM**

*Coliform Sampling and Testing Experiences in Potable Distribution Systems*

Rich Zimmer, Eurofins Eaton Analytical, Inc.

Participants in this session will learn about all of the factors that can contribute to Coliform positives in

potable distribution system samples and strategies to minimize false positive occurrence.

**8:30-9:00 AM*****Chemistry Sampling and Testing Strategies for Potable Compliance Analysis***

Rich Zimmer, Eurofins Eaton Analytical, Inc.

Participants in this session will learn about all of the factors that can contribute to cross contamination and strategies that can be taken to minimize the contamination potable entry point samples in the field and in the laboratory.

**9:00-9:30 AM*****Synergistic Benefits from Operator and Maintenance Staff Input During Design***

Craig Thompson West Yost Associates  
Participants in this session will learn how engineers can collaborate with operators and maintenance staff during design to optimize the design to meet operator expectations and provide configurations that are easier to maintain.

**9:30-10:00 AM BREAK****10:00-10:30 AM*****Pipe Bursting Water Mains – Process, Design, Construction and Case Studies***

George Mallakis – TT Technologies, Inc

This presentation will explain and educate to the attendees about the basics of pipe bursting. We will discuss the process, planning, design and applications of pipe bursting for water main distribution systems. Discussions on what existing pipe materials can be Pipe Burst and what new pipe materials are installed with the process. References will be made to AWWA's Rehabilitation of Water Mains M28 Manual of Water Supply Practices. Real life experiences will be shown where Pipe Bursting is being used and its effectiveness.

**10:30-11:30 AM*****Chemical Metering Pump System and Accessories***

Richard Hopkins, Hopkins Technical Products, Inc

Learn how to calculate chemical feed dosages. Learn how to properly size a chemical metering pump. Metering pump accessories, do I need them or not? Chemical compatibility and proper installations of the pump accessories are keys to a successful and trouble free chemical feed system

**11:30-1:30 LUNCH****1:30-3:00 PM*****Operator roundtable***

Bill Cardinal, Calaveras County Water District and Conrad Tona, City of Redding  
The Operator, can bring your technical questions and experience to the

Operations Community. Treatment Plant and Distribution System Operators can discuss current and past experiences with their peers.

### 3:00-3:30 BREAK

#### 3:30-4:30 PM

##### *Theory of Automatic Control Valves*

Joe Passalacqua HyDEC

This presentation will familiarize operators with the theory and maintenance of automatic control valves which will increase their expertise and skill set. It will also reacquaint them with the support personnel to contact for assistance with these valves. Attendees will also understand the role that electronics play in automatic control valves.

#### 4:30-5:00 PM

##### *Trenchless Underground Methods and Tools Water Distribution Services Specialist*

Ty Green TT Technologies

Attendees will learn how to safely, properly, and efficiently use the trenchless methods and tools of "Split and Pull" for water service replacement and rehabilitation and pneumatic boring tools for new service installations

### Session 13- Financial Management

#### 8:00-9:00 AM

##### *Truckee Meadows-Water Without Borders*

Jeff Tissier, CPA Truckee Meadows Water

Learn the approach taken for the simultaneous consolidation of three water utilities. Understand the political, operational, water resources management and financial challenges to the consolidation during the worst recession in the Reno-Sparks Metropolitan and Truckee Meadows Region.

#### 9:00-9:30 AM

##### *Policy Driven Financial Planning and Rate Development – City of Oceanside, CA*

Alexander Bubee and Robert Grantham,Carollo Engineers

Participants in this section will learn how the City of Oceanside has and continues to utilize sound policies to proactively manage water and wastewater operations and maintenance, capital improvements, finances, and rate design.

### 9:30-10:00 AM BREAK

#### 10:00-10:30 AM

##### *Do Propositions 218 and 26 Keep You Awake at Night? Setting Utility Rates without Counting Sheep*

Brian Jewett, Black & Veatch

This presentation will guide attendees through the maze of Propositions 218 and 26 in the context of setting utility rates. The presentation will go into detail

on: factors to address to be in compliance with cost of service principles, the Prop 218 noticing process, and the outcomes of various legal challenges as well as the intent of state statutes in regards to rate setting.

**10:30-11:00 AM**

***Long Range Wage and Benefit Planning***

Habib Isaac, Raftails Financial Consultants

Participants in this session will gain an understanding on the number of cost components that make-up total personnel compensation and how a long-term wage and benefit plan connects to a strong long-term financial plan of the agency

**11:00-11:30 AM**

***Financial and Rate Setting Pitfalls***

Pierce Rossum, Robert Grantham Carollo

A case study approach details six common pitfalls faced by many utilities, how they occur, why they are so often misjudged, and how to strengthen future rate and financial analyses.

**11:30-1:30 LUNCH**

**1:30-2:30 PM**

***Current State of Pension Plans at CalPERS***

Julian Robinson, CALPERS

The session will provide information on the current state of pension plans at CalPERS including the funding of CalPERS plans and the contribution requirements of employers. The session will also discuss recent decisions made by the CalPERS Board to strengthen the funding position of CalPERS over time and provide for a sound and sustainable fund

**2:30-3:30 PM**

***Public Private Partnerships: Poseidon Water and the Carlsbad Desalination Project***

Graham Beatty, Poseidon Water

Participants in this section will learn the fundamentals of Public Private Partnerships (PPP) using the Carlsbad Desalination Project as a case study. Learn how risk is allocated among parties during the permitting, construction and operation phases for large scale water infrastructure projects.

**3:00-3:30 BREAK**

**3:30-4:00 PM**

***What in the world can we learn from California? Water budget rates successfully achieve water efficiency and revenue stability***

Drew Atwater, Raftailis Financial Consultants

Participants in this section will learn what a water budget is, what it achieves and some recent experiences from agencies in southern California.

**4:00-5:00 PM**

***Business Analysis of Conservation Investments***

Edward Cebron, Cascade Water Alliance

Participants in this session will learn how a regional water supplier integrates economics and financial metrics to influence and, in many cases, drive its capital investments and operational decisions.

DRAFT

**Thursday, October 23, 2014****Session 14-A Distribution System****8:00-9:00 AM*****Ice Pigging - Cleaning Mains with Ice***

Kevin Barnes and Keith Meyers, Utility Service Group

Participants will learn about a newer pipeline cleaning method that was recently introduced in the past two years to the US. They will see case studies on projects from around the country as well as here in CA. The presentation will also include how the process works and compares to other cleaning methods.

**9:00-9:30 AM*****Automated Disinfectant Residual Control Results from Year 1 Trial at San Bruno, CA***

Mark Reinhardt, City of San Bruno with Peter Fiske, PAX Water Technologies

Participants in this session will learn about the latest technology and results using active mixing and automated disinfectant monitoring and dosing in distribution storage tanks to control residual disinfectant levels.

**BREAK 9:30-10:00****10:00-10:30 AM*****Achieving Stage 2 DBPR Compliance through System Optimization and Effluent Use of Post Filtration GAC***

Amanda Williams and Peter Thompson, Palmdale Water District

Participants will learn how utilizing GAC, as a post-filter adsorber to reduce TOC at a drinking water treatment plant, combined with additional system optimization practices can be part of a cost-effective treatment method for compliance with USEPA Stage 2 DBPR.

**Session 14-B Water Treatment****10:30-11:00 AM*****Modified Activated Carbons, Their Porosity, and a Novel Method for Predicting 1,2,3-Trichloropropane Removal***

Adam Redding, Evoqua Water Technologies

Participants will learn the properties of modified activated carbon and its absorption capacity of 1,2,3 trichloropropane.

**11:00-11:30 AM*****A Pilot Study to Evaluate Anthracite/Sand Combinations for a WTP Filter Media Selection***

Lei Hong and Ryan Clemencic, Santa Clara Valley WD

Effective techniques for conducting a pilot filter study using anthracite/ sand media for a conventional water treatment processes with a raw water ozonation, piloting for filtration optimization, the

## Preliminary Technical Program -Thursday

criteria used to evaluate filter performance and result analysis.

### 11:30 AM-12:00 PM

#### *Rapid Implementation of Ozone and UV Disinfection Systems Using Alternative Procurement and Delivery Methods*

Joseph Zalla, CH2MHill

Participants in this session will learn about designing an ozone and UV disinfection facility for rapid implementation using alternative equipment procurement and construction delivery methods.

### 12:00-12:30 PM

#### *Challenges in Determining and Operating at Sustainable Fluxes for Polymeric and Ceramic Low-Pressure Membranes*

Leila Munla

Participants in this session will learn about the challenges involved with determining sustainable flux for long-term operation.

## Session 15-A Water Management and Efficiency

### 8:00-8:30 AM

#### *Drought Management under a Changing Climate: Using Cost-Benefit Analyses to Assist Drinking Water Utilities*

Maureen Hodgins, Water Research Foundation with Julie Blue, Cadmus

Participants will learn about basics of benefit cost analysis and it's application for drought mitigation planning. Past examples (if found) will be presented. Case studies of about 3-8 utilities will be developed to employ these concepts, using past examples. This may or may not be completed by the presentation date.

### 8:30-9:00 AM

#### *Accommodate Growth While Reducing Demand: The City of Napa Water Offset Program*

Patrick Costello, City of Napa

Participants in this session will learn how the City of Napa has implemented its long-standing water demand mitigation requirements for new development, helping to reduce per capita water use and accelerate adoption of water-saving technology.

### 9:00-9:30 AM

#### *Social Norms Based Messaging: Results Before and After Drought - Part I*

Peter Yolles, Watersmart Software and Richard Harris, East Bay Municipal Utility District

Participants in this session will learn about how to improve outreach strategies and messaging to reduce residential water demand and how customer feedback in a social-norms-based (SNB)

efficiency program differed in a drought period compared to a non-drought period.

**BREAK 9:30-10:00**

**10:00-10:30 AM**

***Social Norms Based Messaging: Results Before and After Drought - Part II***

Peter Yolles, Watersmart Software and Richard Harris, East Bay Municipal Utility District

Participants in this session will learn about how to improve outreach strategies and messaging to reduce residential water demand and how customer feedback in a social-norms-based (SNB) efficiency program differed in a drought period compared to a non-drought period.

**Session 15-B Communications & Customer Relations**

**10:30-11:30 AM**

***Your Customers Are Mobile, Are You Ready?***

Steve Schultz, CHECK

Participants in this session will learn about trends in consumer mobile adoption, how water utilities should approach mobile customer self-service, and how several of their peer organizations have implemented mobile strategy.

**11:30 AM -12:00 PM**

***Communication at your fingertips: Mining Sales Data to Inform Policy and Customer Communications***

Christine Boyle, Valor Water Analytics

This session introduces attendees to a trove of analyses and methods to segment customers based on customer use patterns and develop 'targeted customer lists' so that communications are both direct (to these specific group) and cost efficient (why send out 80,000 messages when the impacted group is only 10,000 customers?). Methods are introduced with examples from five water and wastewater utilities.

**12:00-1:00 PM**

***10 Tips for Effective Stakeholder Outreach and Authentic Communication***

Lewis Michaelson, Katz & Associates

In this interactive session, participants will learn how to use public participation to better inform decision-making while also providing more meaningful communication with stakeholders. Case studies and real project examples will be used to demonstrate techniques that can be implemented on your next project!

## Preliminary Technical Program -Thursday

### Session 16-A Environmental, Health & Safety

**8:00-9:30 AM**

#### *Dealing with Naturally Occuring Asbestos, Transite Pipe, and Other Soil Contaminants*

Hazard Management Services, Inc.

Participants in this session will learn of the need to create or update safety policies dealing with the potential hazards encountered while handling asbestos cement pipe (transite) and while handling soil in general. Various regulations have changed in recent years and many who handle transite are unaware of these new requirements. Awareness of other contaminants in soils has also increased. These potential contaminants include silica, arsenic, lead, hydro-carbons, diesel fuel-exhaust particulates, pesticides, etc.

**BREAK 9:30-10:00**

### Session 16-B Tanks, Reservoirs & Structures Maintenance

**10:00-11:00 AM**

#### *City of Woodland's Southwest Potable Water Storage Tank and Pump Station: A Collaborative Approach to Meet Aesthetic, Geotechnical, and Operation/Maintenance Considerations*

Jeffrey Wanlass, West Yost; co speakers, Ben Serna, ENGEO; Kevin Peacock, DN Tank; Tim Busch City of Woodland

Participants of this session will learn that through a collaborative design approach the project objectives were met while

overcoming difficult soil conditions and gaining public acceptance for the project; including geotechnical mitigation measures and construction of pre-stressed concrete tanks.

**11:00-11:30 AM**

#### *Case Study: City of Garden Grove's Concrete Reservoirs Condition Assessments*

Eric Magee, GHD

Most municipalities are faced with rehabilitation, repair or replacement of aging infrastructure. Participants in this session will learn the approach that the City used to perform condition assessments on all of their concrete storage reservoirs. Inspecting concrete tanks can be complex task especially older reservoirs that have never been inspected before. Attendees will learn about the practical aspects of concrete tank inspection methods and considerations when inspecting aging concrete reservoirs.

**11:30 AM -12:30 AM**

#### *Cleaning Your Water Tank: Preferred Methods and Benefits*

Kevin Barnes and Keith Myers, Utility Services Group

Participants of this session will learn the different methods used to clean potable

## Preliminary Technical Program -Thursday

water storage tanks. Discussions on the advantages/disadvantages of each method will be reviewed. They will also be informed about the care of the interior coatings, mixing systems, and cathodic systems that can impact the cleaning methods.

### Session 17-A Security & Emergency Planning

**8:00-9:00 AM**

*Show Me the Money – How Utilities Can Better Access Federal Disaster and Mitigation Funding*

David Goldbloom Helsner, USEPA; Cheryl Taylor/Gene Irvine, SFPUC

The federal government provides grants prior to disaster and public assistance post Presidentially declared disaster. Most water utilities are eligible to apply for these funds, yet there is not enough awareness of the process and staff have limited experience with the financial aspects of completing applications. The presentation will cover EPA's tool called Federal Funding for Utilities – Water/Wastewater – in National Disasters (Fed FUNDS) and utility staff will discuss their experience in obtaining federal disaster and mitigation funding.

**9:00-10:00 AM**

*City of Palo Alto: A Case Study on Implementing AutoCAD@ Map 3D Enterprise - Part I*

Drew Burgasser, CAD Masters, Inc.

Participants in this session will learn about the key elements necessary for the GIS implementation of AutoCAD Map 3D Enterprise for the City of Palo Alto Department of Utilities.

**BREAK 9:30-10:00**

**10:00-10:30 AM**

*City of Palo Alto: A Case Study on Implementing AutoCAD@ Map 3D Enterprise - Part II*

Drew Burgasser, CAD Masters, Inc.

Participants in this session will learn about the key elements necessary for the GIS implementation of AutoCAD Map 3D Enterprise for the City of Palo Alto Department of Utilities.

**10:30 AM -12:00 PM**

*Exploring Technology*

Joe Abrams, The Alliance for Community Solutions

Participants of this session will learn more about the variety of technologies used by the water industry and have the chance to request specific information about new technologies in coming months.

### Session 18- Recycled Water

**8:00-8:30 AM**

*Further Advancing a Novel Application of the Membrane Bioreactor Technology*

Don Zylstra, West Basin Municipal Water District

## Preliminary Technical Program -Thursday

Participants in the session will learn about recycled water generation using an innovative application of membrane bioreactor technology to enable sustainable water production for different uses. Using this technology, nitrogen control and complete ammonia removal was successfully achieved for industrial uses. The results from the pilot testing and design considerations will be presented.

### 8:30-9:00 AM

#### *Broad spectrum performance characterization of direct contact membrane distillation for water reclamation*

Edward P. Kolodziej, University of Nevada, Reno

Participants in this session will learn how waste-heat driven membrane processes can be used for water recycling and reclamation in industrial and commercial facilities. This process can be used to product high quality water, or as a pretreatment process.

### 9:00-10:00 AM

#### *Implementing Recycled Water at the San Francisco International Airport with a Long-Term Goal of 100% Reuse*

Todd Reynolds, Kennedy/Jenks Consultants

Participants of this session will learn about the elements involved in planning an expanded recycled water program,

including the design of a treatment facility for producing recycled water.

### BREAK 9:30-10:00

### 10:00-10:30 AM

#### *The Role of Potable Reuse as a Sustainable Water Supply Alternative*

Jeff Mosher, National Water Research Institute

Participants in this session will learn about the current status of Indirect Potable Reuse in California and other states, including technical and public acceptance challenges. In addition, the current approach to assessing Direct Potable Reuse in California will be discussed.

### 10:30-11:00 AM

#### *Pure Water Monterey: Bringing indirect potable reuse to the Monterey Peninsula*

Mike McCullough, MRWPCA

Participants in this session will learn about the Pure Water Monterey groundwater replenishment project, including the results from the pilot-scale demonstration testing.

### 11:00-11:30 AM

#### *Comparison of Alternative Advanced Treatment Trains for Potable Reuse*

Pam John, Santa Clara Valley Water District

## Preliminary Technical Program -Thursday

Participants of this session will learn about the testplan's activities, hear discussion on the latest science on advanced and innovative treatment technologies, and understand how the various treatment trains fit into potable reuse schemes that will meet California Department of Public Health requirements.

### 11:30 AM-12:30 PM

#### *Pilot-Scale Evaluation of Treatment Trains for Direct Potable Reuse*

Fredrick W Gerringer, Trussell Technologies

Participants of this session will learn about pilot testing of direct potable reuse (DPR) treatment trains. This project compared the performance of DPR treatment trains with and without reverse osmosis and evaluated their compliance with proposed DPR public health criteria for chemicals and pathogens.

### 12:30-1:00 PM

#### *Critical Control Point assessment to quantify robustness and reliability of multiple treatment barriers of DPR scheme*

Troy Walker, Hazen and Sawyer

Participants will learn about the use of the Hazard Analysis and Critical Control Point methodology as a means of demonstrating reliability and robustness of multiple treatment barrier processes for water recycling.

### Session 19- Management Development & Leadership

#### 8:00-8:30 AM

#### *Employee Motivation in Difficult Times*

Darrin Price, Sun Valley G.I.D.

Participants will learn about what motivates employees, the psychology behind it, and alternatives.

#### 8:30-9:00 AM

#### *Sustaining a Professional Workforce Today- A Consulting Engineering Perspective*

John Enloe, Stantec Consulting Services, Inc.

Participants in this session will learn about some of the different challenges faced by the consulting engineering community regarding their aging workforce, and some of the active steps being undertaken to train and develop young engineers of today to become tomorrow's industry leaders.

#### 9:00-9:30 AM

#### *Rocky Mountain Section AWWA/WEA Joint Supervisory Leadership Certification Program*

Richard Gerstberger, TAP Resource Development Group, Inc.

This program provides an understanding of how the Rocky Mountain Section of AWWA created an effective and well received supervisory training program. It

## Preliminary Technical Program -Thursday

will also review the content of the program along with successes and lessons learned.

### **BREAK 9:30-10:00**

#### **10:00-11:00 AM**

#### *Creating a Sustainable Utility Through Leadership and Employee Development*

Richard Gerstberger, TAP Resource Development Group, Inc.

To provide an approach to successfully deal with the impact of workforce issues, including employee and leadership development, supervisory training, succession planning, and knowledge retention, that will equip the organization to deal with the challenges ahead—insuring their sustainability.

#### **11:00-11:30 AM**

#### *Everyone Wins When We Put Our Veterans Back To Work*

Max Sosa, State of Nevada

Participants in this session will learn that MOS means Military Occupational Specialty and that anyone with a US Army 92W MOS has obtained enough training and experience to pass a Water Distribution Level 1 exam. Whereas, someone with a US Navy Utilitiesman MOS working on a ship would be capable of operating an RO water Treatment System and a Wastewater Treatment System. A Veteran with this MOS should have enough training and experience to

pass a Water or Wastewater Treatment Level 1 exam. Every Branch of the Service has different designations and job descriptions for their MOS. There are also numerous financial incentives available to employers and veterans when a veteran is hired.

#### **Session 20- Meters**

#### **11:30 AM -12:30 PM**

#### *Leak Alerts and Water-Loss Prevention: The Smart Meter Solution*

Peter Yolles, WaterSmart Software, William Granger, City of Sacramento Department of Utilities

The U.S. EPA estimates that each year household leaks can waste more than 1 trillion gallons of water in the United States. Recognizing leaks and promptly notifying customers is a complex and resource-intensive process. AMI meters present a more technologically advanced solution to identify potential leaks. However, utilities still face the challenge of successfully communicating leak information to customers in a way that enables them to learn not just about water usage, but also about the leak source and possible fixes. The City of Sacramento Department of Utilities and WaterSmart Software collaborated to leverage AMI data to communicate conservation messages to residents. In addition to informing customers about daily water conservation practices, the program aims to transform hourly meter reads into a simple way to provide timely leak alerts. If the AMI data

## Preliminary Technical Program -Thursday

indicates that a leak may be present, the household is immediately notified via email, provided with an intuitive graphical display, and prompted to follow step-by-step instructions to check for the leak. The ongoing leak alert program has been successful from the beginning, largely due to the innovative blend of data transparency, technology, and targeted messaging. Sacramento and WaterSmart developed a closed loop system, so that the City could learn if the irregular water use was actually a leak, or if it was caused by other factors. As customers complete the online leak-check process, the system continually updates to incorporate new information. Presenters will share current results from the leak alert program, including customer feedback, number of stopped leaks, and how duration of leaks changed through this proactive notification. Further, they will discuss how to coordinate such a program with existing internal processes and the impact on utility workload. In addition, WaterSmart and its partners will discuss strategies for using technology to improve customer engagement and conservation programs.

### **1:30-2:00 PM**

#### ***Deployment of a Correlated Acoustics Leak Detection Technology***

Bernard Dunham, Delta Engineering Sales, LLC

The reduction of "Unaccountable -Non Revenue Water" is a priority for all Water Utility Operations. The use of a Correlated Acoustic Technology will

increase accountability while reducing labor requirements. Basic application parameters will be discussed, with the enhanced value of a correlated solution being defined. Prompt utility "return upon investment" can be realized with the proper deployment of "best serving technologies". In today's conservation environment, early detection of leaks with utmost accountability is required.

### **2:00-3:00 PM**

#### ***No Infrastructure Needed - A New Fixed Based Meter Reading System***

Michele Harvey, Badger Meter

In the past, fixed based meter reading systems (a.k.a AMI systems – Advanced Metering Infrastructure) haven't been an

option for water districts who didn't own the locations to install the collectors required to support the system. There is now a new AMI system where the meters connect directly to the existing cellular networks eliminating the need to install collection points within the district. The technology also offers customer website and consumer smart phone applications to promote conservation and improved customer service. This presentation presents an overview of the product, utility software, customer website and smart phone applications.

### **3:00-3:30 BREAK**

**3:30-4:00 PM**

***Meter change-out / AMI feasibility study basics***

Bernard Dunham, Delta Engineering Sales, LLC

Investment in AMI offers many returns to a Utility, maximized utility operations, heightened customer service, and full support of water resource management and conservation. Prior to investment in AMI, a "business case" for investment must be documented. The basic parameters for the generation of a "Meter Change-out /AMI upgrade" feasibility study will be discussed. Offering guidance for a Utility to determine project viability in preface of investment.

**4:00-4:30 PM**

***Predicting Radio Performance of AMR & AMI Systems***

Michele Harvey, Badger Meter

This presentation discusses best practices in AMI equipment placement to minimize the effects of environmental and physical factors that result in poor system performance.

**4:30-5:00 PM**

***How meter lids affect the outcome of the RF signal.***

Jeff Smith, DFW Plastics Inc.

I will address the prevalent issues of RF signal loss as it passes through, or around

certain mediums found in the products we use today in the water meter enclosure industry. As an RF signal travels through the air and other mediums, it can move and behave in different manners. RF propagation behaviors include absorption, reflection, scattering, refraction, diffraction, free space path loss, multipath, attenuation, and gain. After speaking about some of the various characteristics of an RF signal, it is important to understand the way an RF signal behaves as it moves away from an antenna. As stated before, electromagnetic waves can move through a perfect vacuum or pass through materials of different mediums. The way in which the RF waves move—known as wave propagation—can vary drastically depending on the materials in the signal's path. Plastic lids will have a much different effect on an RF signal than a steel lid.

What happens to an RF signal between two locations is a direct result of how the signal propagates. When we use the term propagate, try to envision an RF signal broadening or spreading as it travels farther away from the antenna, like sound waves.

I will go through the different types of mediums, and how they can affect the RF signal.



Annual Fall Conference (AFC14)  
 October 20 - October 23, 2014  
 Grand Sierra Resort - Reno, NV

**FINDING WATER IN THE ARID WEST**

**ATTENDEE REGISTRATION FORM**

OCCUPATION CODES (please check one):  WTR Water Utility  CTR Contractor  CNS Consultant  MFG Manufacturer  REF Manufacturer's Representative

STU Student  OPR Water Operator  DIS Distributor  EDU Educator  RES Research Laboratory  FED Federal Government  STA State Government

I am a speaker at this conference. Date \_\_\_\_\_ Time \_\_\_\_\_

Name (how you would like it to appear on your badge) \_\_\_\_\_

Title \_\_\_\_\_ Company \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Cell \_\_\_\_\_ Fax \_\_\_\_\_

Attendee Email \_\_\_\_\_ AWWA Member # \_\_\_\_\_

Type of Membership (check one)  Individual  Organization  Operator/Admin.  Utility  I am a CWEA Member (same rate as CA-NV AWWA Member)

Complimentary Spouse/Guest (If attending) \*Household members only. Does not include Water Industry Personnel. \_\_\_\_\_

Member Registration Fees	EARLY	PRE	ONSITE	Subtotals
	On or Before 8/15/14	On or Before 10/5/14	On or After 10/6/14	
<input type="checkbox"/> FULL REGISTRATION: Includes Keynote Lunch & Exhibitor Hosted Lunch & Exhibitor Reception	\$445	\$495	\$545	\$ _____
<input type="checkbox"/> Tuesday One-Day: Includes Keynote Lunch & Exhibitor Reception	\$225	\$275	\$315	\$ _____
<input type="checkbox"/> Wednesday One-Day: Includes Exhibitor Hosted Lunch & Exhibit Hall Entrance	\$225	\$275	\$315	\$ _____
<input type="checkbox"/> EDUCATION PACKAGE Wednesday/Thursday Includes Technical Sessions & Exhibit Hall Entrance	\$225 No Meals	\$275 No Meals	\$315 No Meals	\$ _____
<input type="checkbox"/> Thursday One-Day Includes Technical Sessions	\$149	\$149	\$149	\$ _____
<input type="checkbox"/> STUDENT - Must be full time Student/AWWA Student Member	FREE	FREE	FREE	\$ _____
<input type="checkbox"/> RETIREE REGISTRATION - Must be: 1) Retired from all gainful employment. 2) A member of AWWA for at least 15 years. 3) At least 60 years of age.	No Meals	No Meals	No Meals	\$ <u>FREE</u>

**Lunches**

If not included with registration fee

Keynote Lunch ..... \$50

Exhibitor Hosted Lunch ..... \$50

Subtotal \$ \_\_\_\_\_

**SPECIAL EVENTS**

Tues. Technical Tour ..... \$40

Wed. Technical Tour ..... \$40

Wed. Water for People Event ... \$45

Subtotal \$ \_\_\_\_\_

Regular Registration Fees (Non-Member Rates)	EARLY	PRE	ONSITE	Subtotals
	On or Before 8/15/14	On or Before 10/5/14	On or After 10/6/14	
<input type="checkbox"/> FULL REGISTRATION: Includes Keynote Lunch & Exhibitor Hosted Lunch & Exhibitor Reception	\$495	\$545	\$595	\$ _____
<input type="checkbox"/> Tuesday One-Day: Includes Keynote Lunch & Exhibitor Reception	\$275	\$325	\$375	\$ _____
<input type="checkbox"/> Wednesday One-Day: Includes Exhibitor Hosted Lunch & Exhibit Hall Entrance	\$275	\$325	\$375	\$ _____
<input type="checkbox"/> EDUCATION PACKAGE Wednesday/Thursday Includes Technical Sessions & Exhibit Hall Entrance	\$275 No Meals	\$325 No Meals	\$375 No Meals	\$ _____
<input type="checkbox"/> Thursday One-Day Includes Technical Sessions	\$149	\$149	\$149	\$ _____

**CONTACT HOURS**

**FREE**  
 (I am an individual, operator or administrative AWWA member)

**\$20.00**  
 (My utility/organization is an AWWA member or I am not an AWWA member)

**PAYMENT METHOD**

Check # \_\_\_\_\_  
 Payable to CA-NV AWWA (U.S. funds)

PO# \_\_\_\_\_  
 Must be accompanied by a physical copy of the PO

Credit Card:  Visa  MC  AMEX

Card No.: \_\_\_\_\_

Exp. Date: \_\_\_\_\_

Name on Card: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Billing Zip Code: \_\_\_\_\_  
 Must be Zip Code in which your credit card statement is mailed

For copy of receipt, please write email address: \_\_\_\_\_

**PAYMENT INFORMATION**

Registration Total: \_\_\_\_\_ Special Events Total: \_\_\_\_\_

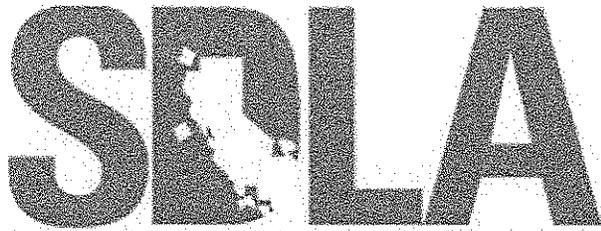
Meal Total: \_\_\_\_\_ Contact Hours: \_\_\_\_\_

Total Amount Due: \_\_\_\_\_

Refund requests must be submitted in writing to the Section office by August 15, 2014. A \$50 administrative fee will be deducted from all refunds NO Refunds granted after September 30, 2014. By submitting this form, you are consenting to having your photo taken at the event which may be used for future Section promotions.

**PAYMENT & MAILING ADDRESS**  
 CA-NV AWWA: 10435 Ashford Street, 2nd Floor,  
 Rancho Cucamonga, CA 91730, Phone: (909) 481-7200  
 Fax: (909) 291-2107 www.ca-nv-awwa.org





**Special District Leadership Academy A Comprehensive Governance Series  
for Elected and Appointed Directors/Trustees**

CSDA's Special District Leadership Academy is a groundbreaking, curriculum based continuing education program that recognizes the necessity for the board and general manager to work closely toward a common goal. The Academy provides the knowledge base to perform essential governance responsibilities. Those wishing to complete the Special District Leadership Academy have the option of participating in one-day workshops held throughout the state during the course of the year OR participating in the Special District Leadership Academy Conference. Attendees at this conference will complete all four modules of the Academy during the course of a two and one-half days.

**When:**

**11/16/2014 - 11/19/2014**

**Where:**

**Embassy Suites San Diego Bay  
601 Pacific Hwy  
San Diego, CA 92101**

**A Comprehensive Governance Conference for Elected  
and Appointed Directors/Trustees**

---

# Overview

This conference content is based on CSDA's Special District Leadership Academy (SDLA) groundbreaking, curriculum-based continuing education program that recognizes the necessity for the board and general manager to work closely toward a common goal. SDLA provides the knowledge base to perform essential governance responsibilities.

Now you can complete CSDA's ground-breaking program over two and a half days in one location!

2014 Special District Leadership Academy Conference This 2 1/2 day conference covers all 4 modules of the Special District Leadership Academy. It meets part of the requirements of the SDFL Excellence in Governance program.

Member: Early: First - \$600, Next - \$400/Regular: First - \$650, Next - \$450

Non-Member: Early: First - \$725, Next - \$525/Regular: First - \$775, Next - \$575

A block of rooms have been reserved for November 16, 2014 - November 20, 2014. The special room rate will be available until October 25th or until the group block is sold-out, whichever comes first. Overnight parking is discounted to \$20 per car.

Embassy Suites San Diego Bay  
601 Pacific Highway  
San Diego, California  
USA 92101  
Tel: +1-619-239-2400  
Fax: +1-619-239-1520

**ASSOCIATION OF CALIFORNIA WATER AGENCIES**  
**FALL CONFERENCE & EXHIBITION**  
**December 2 - 5, 2014**  
**San Diego**

NAME: \_\_\_\_\_

ADVANCE REGISTRATION DEADLINE: \_\_\_\_\_ NOVEMBER 7, 2014 \_\_\_\_\_

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

**DEPARTMENTAL TRAVEL BUDGET:**

REGISTRATION: \_\_\_\_\_ TRAVEL: \_\_\_\_\_

TOTAL REMAINING BALANCE: \_\_\_\_\_

**PROPOSED EXPENSES:**   Registration:            \_\_\_\_\_  
                                  Transportation: \_\_\_\_\_  
                                  Meals:\*                    \_\_\_\_\_  
                                  Miscellaneous:            \_\_\_\_\_  
                                  TOTAL:                     \_\_\_\_\_

\*DIRECTORS: Expenses are outlined in Section 4.06.1 of the District's Rules and Regulations.  
\*FOR STAFF: Meal limitations are outlined on pages 30 and 31 of the District's Employee Manual.  
Please review these limitations.

**HOTEL ACCOMMODATIONS:**   \_\_\_ YES   \_\_\_ NO   REGISTRATION DEADLINE:   8-18-14  
ARRIVAL DATE/TIME: \_\_\_\_\_   DEPARTURE DATE/TIME: \_\_\_\_\_

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

**AIRLINE RESERVATIONS:**       \_\_\_ YES       \_\_\_ NO

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

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

SUPERVISOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

# **ACWA 2014 Fall Conference & Exhibition**

Tue, 12/02/2014 - Fri, 12/05/2014

Location:

Manchester Grand Hyatt, San Diego

## **ONLINE REGISTRATION OPENING SOON!!**

ACWA's 2014 Fall Conference & Exhibition is set for Dec. 2-5, 2014, at the Manchester Grand Hyatt hotel in San Diego.

## **Conference Exhibitors:**

>> **Exhibit Booth registration available soon!**

### **FRAUDULENT HOUSING ALERT!**

ALERT! Please be advised that a company called Exhibitor Housing Management has been contacting ACWA exhibitors implying that they have been contracted by ACWA to handle all exhibitor housing. ACWA has NOT contracted with this company and any information provided to them may be used for fraudulent purposes.

### **EXHIBIT HALL FLOOR PLAN**

Exhibit Booth space is assigned on a first-come, first-served basis, as complete applications and payments are received. A confirmation e-mail with information regarding how to register booth personnel, order furniture, electricity, and internet; and reserve hotel rooms will be sent after Exhibit Space Application & Contract is received and processed.

Contact Melanie Medina at [melaniem@acwa.com](mailto:melaniem@acwa.com) or (916) 441-4545.

### **Exhibit Booth (8' x 10') Rental**

- Advantage Pricing: \$1,175\*
- Standard Pricing: \$2,350

***\* Must be an ACWA Public Agency Member, Affiliate, or Associate to qualify for discounted Advantage pricing.***

## Exhibit Hall Hours

Exhibit Hall Hours		
Tuesday, December 2	Move-In	8:00am – 4:00pm <i>(All exhibits MUST be in place by 4pm)</i>
	Welcome Reception	5:00 - 6:30pm <i>(Booth staff MUST be present)</i>
Wednesday, December 3	Regular Hours	9:00am – Noon
	Regular Hours	1:30 – 5:00pm
Thursday, December 4	Regular Hours	8:00am – Noon
	Move-Out	Noon – 4:30pm
		<i>(Exhibit Hall MUST be vacated by 4:30 pm)</i>

### What is included with Exhibit Booth Registration?

- Exhibit Booth space (8' deep x 10' wide) includes 8' draped back wall and 3' draped side walls
- Exhibitor I.D. Sign and Number
- Conference Registration for three (3) allotted Exhibit booth personnel -- *Meals may be purchased separately*
- Additional 'Exhibit Hall Only' booth personnel badges available for purchase
- Complimentary Pre-Conference and Post Conference Attendees List
- Company Description listed in the official Conference Program, and Mobile App
- Company Description listed on ACWA Website
- Sponsorship Opportunities available
- Connect directly with the immense California Water Community in one place!

### Exhibit Hall Location

Grand Hall ABC @ the Manchester Grand Hyatt, San Diego

### Exhibitor Registration

Grand Foyer AB @ the Manchester Grand Hyatt, San Diego

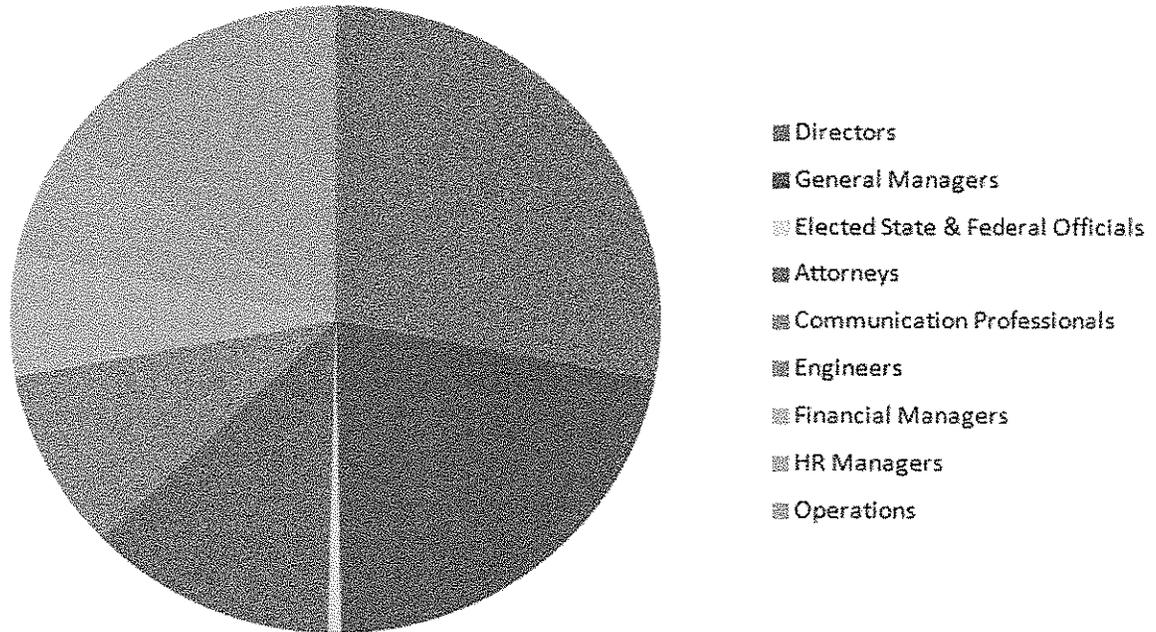
For more information contact **Melanie Medina** in Member Services & Events at 916.441.4545 or [melaniem@acwa.com](mailto:melaniem@acwa.com).

### What's 'Happening in the Hall'....

- **Dedicated Exhibit Hall Hours** – One-on-one time with key decision makers
- **Popular Tuesday 'Welcome Reception'** – Showcase your products & services
- **Popular Snack Break** – Attendees grab a snack in the Exhibit Hall
- **Thursday Networking Continental Breakfast** -- Connect with attendees in the Exhibit Hall
- **Cash prize drawings & more!**

Connect directly with the immense California Water Community in one place!

## Who Attends ACWA Conference & Exhibition?



[ACWA Conferences average between 1600-1800 attendees]

### Exhibitor Technical Presentations

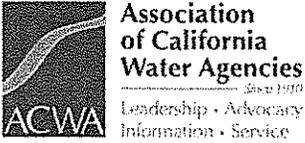
Exhibitor Technical Presentations are made available to Conference exhibitors only.

Exhibitors may request to schedule one technical presentation during the Conference. The number of slots is limited to eight and presentation assignments are based on appropriateness of content as determined by ACWA. After time slots have been filled, there will be a waiting list. Confirmed Exhibitor Technical Presentations will be listed in the Conference Program.

ACWA does not provide a 'topic list', but requires that presentations are 'technical' in nature and relevant to the membership at large. Presentations are typically diverse and in the past have ranged from regulatory and compliance measures, to scientific, solar, and fleet management.

Exhibitor Technical Presentation Requests will be forwarded with Exhibitor Confirmation Information.

# PRICING REFERENCE SHEET



## ACWA 2014 Fall Conference & Exhibition REGISTRATION, MEALS & HOTEL PRICING Manchester Grand Hyatt, San Diego



Register online @ [acwa.com](http://acwa.com)

Regular registration and cancellation deadline is November 7, 2014 • 4:30 p.m. (PST)

### NEW!! CREATE YOUR ACWA PORTAL PROFILE

You must have an ACWA portal profile in order to register for ACWA events through the new ACWA Member Portal. **If you haven't already, please be sure to create your profile at <https://portal.acwa.com>**

REGISTRATION FEES & OPTIONS	REGULAR	ONSITE
<b>Advantage</b> (For ACWA public agency members, affiliates & associates ONLY)	(ends 11/7/14)	
Full Conference Registration & Meals Package .....	\$695	Not Avail.
Full Conference Registration Only (meals sold separately) .....	\$510	\$540
One-Day Conference Registration (meals sold separately): Wednesday 12/3 -OR- Thursday 12/4 .....	\$275	\$300
<i>Wednesday registration includes Welcome Reception on Tuesday evening.</i>		
<i>Thursday registration includes ability to purchase a ticket for Friday breakfast.</i>		
<b>Standard</b> (Applies to non-members of ACWA)		
Full Conference Registration Only (meals sold separately) .....	\$765	\$795
One-Day Conference Registration (meals sold separately): Wednesday 12/3 -OR- Thursday 12/4 .....	\$395	\$450
<i>Wednesday registration includes Welcome Reception on Tuesday evening.</i>		
<i>Thursday registration includes ability to purchase a ticket for Friday breakfast.</i>		
<b>Guest</b> (Guest registration is not available to anyone with a professional reason to attend.)		
Guest Conference Registration (meals sold separately) .....	\$45	\$45

MEAL FUNCTIONS	REGULAR	ONSITE
<b>Wednesday – December 3</b>		
Opening Breakfast .....	\$45	\$50
Wednesday Luncheon .....	\$50	\$55
<b>Thursday – December 4</b>		
Networking Continental Breakfast .....	\$35	\$40
Thursday Luncheon .....	\$50	\$55
Thursday Dinner .....	\$65	\$70
<b>Friday – December 5</b>		
Friday Breakfast .....	\$45	\$50

### HOTEL INFORMATION

**Reservations will not be accepted until August 18**

*You must be registered for the ACWA conference in order to receive hotel reservation information and conference special room rate. Conference special rate is available August 18 – November 14, based on availability.*

#### Special Hotel Rates

**Manchester Grand Hyatt** ..... Single/Double \$189  
Subject to 10.5% state and local taxes per room per night plus 2% TMD San Diego county fee, and \$0.21 CA State assessment fee.

#### Important Dates:

For those **registering for conference prior to August 18**, hotel information will be provided via e-mail on August 18.

For those **registering for conference from August 18 to November 14**, your confirmation e-mail will include hotel reservation information and an opportunity to receive a conference special hotel rate.

#### Hotel Reservation Questions?

Email Kiyomi Smiley at [kiyomi.smiley@hyatt.com](mailto:kiyomi.smiley@hyatt.com)

**Questions?** Contact us at 916.441.4545, toll free 888.666.2292.

Conference terms and conditions available at [acwa.com](http://acwa.com) in the event section.

Register online @ [acwa.com](http://acwa.com)

Regular registration and cancellation deadline is November 7, 2014 • 4:30 p.m. (PST)

#### WHO IS ELIGIBLE FOR "ACWA ADVANTAGE" PRICING?

ACWA Advantage pricing is available to the following registrants:

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

#### ONE-DAY REGISTRATION

By choosing a Wednesday registration, you are entitled to attend the Welcome Reception on Tuesday evening and all programs on Wednesday. By choosing a Thursday registration, you are entitled to purchase a ticket for the Friday Breakfast.

#### MEMBERSHIP INFORMATION – *Become a Member & Save on ACWA Events*

If you are interested in learning more about becoming an Associate Friend of ACWA, contact Melanie Medina at [melaniem@acwa.com](mailto:melaniem@acwa.com) or Paula Currie at [paulac@acwa.com](mailto:paulac@acwa.com). For public agency membership, please contact Tiffany Giammona at [tiffanyg@acwa.com](mailto:tiffanyg@acwa.com).

#### CANCELLATIONS & CHANGES

All registration changes and cancellations must be made in writing by the event registration deadline. Valid cancellation requests will receive a refund of any registration fees paid minus a \$75 processing charge. No refunds or registration changes will be granted after the registration deadline. Submit request in writing to Margie Knight at [margiek@acwa.com](mailto:margiek@acwa.com).

#### SUBSTITUTIONS

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

#### SPECIAL REQUESTS & ACCOMMODATIONS

Special requests must be submitted in writing to Margie Knight at [margiek@acwa.com](mailto:margiek@acwa.com). Participants are encouraged to submit special requests as soon as possible.

If you have a disability that requires an accommodation, please contact Margie Knight at [margiek@acwa.com](mailto:margiek@acwa.com) or call toll free at (888) 666-2292 to discuss your needs.

#### REFUNDS

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

#### MEAL TICKETS

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

#### NONATTENDANCE

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

#### GUEST REGISTRATION

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



# ACWA 2014 Fall Conference & Exhibition PRELIMINARY AGENDA

Manchester Grand Hyatt, San Diego



## ACWA/JPIA - MONDAY, DEC. 1

### 8:30 – 10:00 a.m.

- ACWA/JPIA Employee Benefits Program Committee

### 10:15 – 11:45 a.m.

- ACWA/JPIA Executive Committee

### 1:30 – 4:00 p.m.

- ACWA/JPIA Board of Directors

### 4:00 – 5:00 p.m.

- ACWA/JPIA Town Hall

### 5:00 – 6:00 p.m.

- ACWA/JPIA Reception

## TUESDAY, DEC. 2

### 8:00 a.m. – 6:00 p.m.

- Registration

### 8:30 – 10:00 a.m.

- ACWA/JPIA: Seminar I

### 10:00 – 11:45 a.m.

- Scholarship Subcommittee
- Water Management Committee
- Water Quality Committee

### 10:15 – 11:45 a.m.

- ACWA/JPIA: Seminar II

### 11:00 a.m. – Noon

- Outreach Task Force

### Noon – 2:00 p.m.

- ACWA 101 & Luncheon
- Committee Lunch Break

### 1:00 – 2:15 p.m.

- ACWA/JPIA: Seminar III

### 1:00 – 2:45 p.m.

- Energy Committee
- Finance Committee
- Groundwater Committee
- Social Media & Website Workgroup

### 2:00 – 4:00 p.m.

- SDFL Special District Administrator Certification Test

### 2:30 – 4:30 p.m.

- ACWA/JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)

### 3:00 – 4:45 p.m.

- Business Development Committee
- Communications Committee
- Federal Affairs Committee
- Local Government Committee
- Membership Committee

### 5:00 – 6:30 p.m.

- Welcome Reception in the Exhibit Hall

## WEDNESDAY, DEC. 3

### 7:30 a.m. – 5 p.m.

- Registration

### 8:00 – 9:45 a.m.

- Opening Breakfast

### 9:00 a.m. – Noon & 1:30 – 5:00 p.m.

- Exhibit Hall

### 10:00 – 11:30 a.m.

- Attorneys Program
- Communications Committee Program
- Exhibitor Technical Presentations
- Finance Program
- Human Resources Program
- Region Issue Forum
- Statewide Issue Forum
- Water Industry Trends Program

### 11:30 – 11:45 a.m.

- Prize Drawing in Exhibit Hall

### 11:45 a.m. – 1:45 p.m.

- General Session & Luncheon

### 2:00 – 3:15 p.m.

- Attorneys Program
- Exhibitor Technical Presentation
- Finance Program
- Human Resources Program
- Region Program
- Town Hall
- Water Industry Trends Program

### 3:15 – 3:45 p.m.

- Cash Prize Drawing & Snack Break in Exhibit Hall

### 3:45 – 5:00 p.m.

- Energy Committee Program
- Exhibitor Technical Presentation
- Statewide Issue Forum
- Water Industry Trends Program

### 4:00 – 6:00 p.m.

- Legal Affairs Committee

### 5:30 – 7:00 p.m.

- CH2MHILL Hosted Reception

## THURSDAY, DEC. 4

### 7:30 a.m. – 4 p.m.

- Registration

### 8:00 a.m. – Noon

- Exhibit Hall

### 8:00 – 9:15 a.m.

- Networking Continental Breakfast

### 9:30 – 11:00 a.m.

- Attorneys Program
- Exhibitor Technical Presentations
- Finance Program
- Human Resources Program
- Region Issue Forum
- Statewide Issue Forum
- Water Industry Trends Program

### 9:30 – 11:45 a.m.

- Ethics Training (AB 1234)

### 11:00 – 11:30 a.m.

- Prize Drawing in Exhibit Hall

### 11:45 a.m. – 1:45 p.m.

- General Session & Luncheon

### 2:00 – 3:15 p.m.

- Attorneys Program
- Exhibitor Technical Presentations
- Federal Issues Forum
- Statewide Issue Forum
- Water Industry Trends Program

### 3:30 – 5 p.m.

- Regions 1–10  
Membership Meetings

### 6:00 – 7:00 p.m.

- New Water Professionals Reception

### 7:30 – 10:00 p.m.

- Dinner & Entertainment

## FRIDAY, DEC. 5

### 8:00 – 9:30 a.m.

- Registration

### 8:30 – 10 a.m.

- ACWA's Hans Doe Past Presidents' Breakfast in Partnership with ACWA/JPIA

## OTHER EVENTS

## THURSDAY, DEC. 4

### 6:45 – 8:30 a.m.

- San Joaquin Valley Agricultural Water Committee

All conference programs are subject to change.

# SPONSORSHIP RESERVATION FORM

## SPRING & FALL CONFERENCE

Submit form to Lori Doucette at [LoriD@acwa.com](mailto:LoriD@acwa.com) or by fax at (916) 325-2316.



**Association  
of California  
Water Agencies**  
Since 1910  
Leadership • Advocacy  
Information • Service

To reserve your sponsorship, fill out and return this form along with payment to the ACWA office via mail, email or fax.

### 1 PLEASE ENTER YOUR CONTACT INFORMATION:

Date: \_\_\_\_\_

Organization's Name: \_\_\_\_\_  
(EXACTLY AS YOU WANT IT PRINTED FOR RECOGNITION)

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

### 2 MAKE YOUR SELECTION(S)

Please select from the variety of items listed below and indicate the amount(s) you wish to sponsor.  
Sponsorship deadlines: **Spring - March 21, 2014 | Fall - October 10, 2014**

Spring	Fall	Conference:					
<input type="checkbox"/>	<input type="checkbox"/>	I authorize ACWA to apply the following funds to this event .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Tuesday Committee Meetings Lunch (\$1,000) .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Wednesday Opening Breakfast (\$2,000) . . . includes 1 meal ticket to this function .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Wednesday Luncheon (\$2,000). . . includes 1 meal ticket to this function .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Thursday Networking Continental Breakfast (\$1,500). . . includes 1 meal ticket to this function. . .	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Thursday Luncheon (\$2,000). . . includes 1 meal ticket to this function .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Thursday Dinner & Entertainment (\$2,500). . . includes 2 meal ticket to this function. . . . .	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	New Water Professionals Reception (Thurs Evening / <b>Spring Conference Only</b> - \$2,000) .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Outreach Reception (Thurs Evening / <b>Fall Conference Only</b> - \$2,000) .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Opening Media Presentation (\$1,500) .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Mobile App Banner Ad (\$1,000) <b>ONLY 3 SPOTS</b> .....	\$ _____				
<input type="checkbox"/>	<input type="checkbox"/>	Tote Bags .....	<b>SPONSORED</b>				
<input type="checkbox"/>	<input type="checkbox"/>	Badges/Lanyards <b>ONLY 2 SPOTS</b> .....	<b>SPONSORED</b>				
<input type="checkbox"/>	<input type="checkbox"/>	Notebooks .....	<b>SPONSORED</b>				
<input type="checkbox"/>	<input type="checkbox"/>	Program Booklet Ad: . . . . All ads now in color! .....	\$ _____				
	<input type="checkbox"/>	1/4-page, B&W (\$700)	<input type="checkbox"/>	1/2-page, B&W (\$1,000)	<input type="checkbox"/>	Full page (\$1,600)	
	<input type="checkbox"/>	Inside Front Cover, color (\$2,000) <b>SPONSORED</b>	<input type="checkbox"/>	Inside Back Cover, color (\$2,000) <b>SPONSORED</b>			
	<input type="checkbox"/>	Back Cover, color (\$2,200) <b>SPONSORED</b>					

3 CALCULATE TOTAL AMOUNT OF YOUR SPONSORSHIP ..... \$ \_\_\_\_\_

### 4 PLEASE PROVIDE PAYMENT INFORMATION

Send form with check made payable to ACWA to: 910 K Street, Suite 100, Sacramento, CA 95814

OR  Charge sponsorship to:  MasterCard  Visa

CC#: \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Amount: \$ \_\_\_\_\_

Signature: \_\_\_\_\_  
(SIGN ELECTRONICALLY OR PRINT AND SIGN BEFORE RETURNING)

OR  Bill Me Signature: \_\_\_\_\_  
(SIGN ELECTRONICALLY OR PRINT AND SIGN BEFORE RETURNING)

**MINUTES OF REGULAR MEETING OF THE COMMISSIONERS OF THE ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION, MAY 29, 2014.**

*A regular meeting of the Commissioners of the Antelope Valley State Water Contractors Association was held Thursday, May 29, 2014, at the Palmdale Water District at 2029 East Avenue Q, Palmdale. Chair Hogan called the meeting to order.*

**1) Pledge of Allegiance.**

Chair Hogan led the pledge of allegiance.

**2) Roll Call.**

**Attendance:**

Barbara Hogan, Chair  
Robert Alvarado, Vice Chair  
Leo Thibault, Treas.-Auditor  
Kathy Mac Laren, Secretary  
Neal Weisenberger,  
Commissioner  
Keith Dyas,  
Commissioner

**Others Present:**

Matt Knudson, General Manager  
Tom Barnes, Controller  
Patty Quilizapa, Attorney *via teleconference*  
Brad Bones, LCID General Manager  
Travis Berglund, LCID Assistant Manager  
Dwayne Chisam, AVEK Asst. General Mngr.  
George Lane, Alt. Commissioner  
Danielle Henry, Administrative Assistant  
Dennis Hoffmeyer, Accounting  
1 member of the public

**3) Public Comments for Items Not on the Agenda.**

There were no public comments.

**4) Consideration and Possible Action on Minutes of Regular Meeting Held April 10, 2014.**

It was moved by Commissioner Weisenberger, seconded by Commissioner Mac Laren, and carried by four members of the Board of Commissioners present at the meeting, with Commissioners Dyas and Chair Hogan abstaining, to approve the minutes of the regular meeting held April 10, 2014, as amended, to reflect the absence of Commissioner Dyas.

**5) Payment of Bills.**

Commissioner Thibault reviewed the bills received for payment and then moved to pay the bills received from PWD in the amounts of \$649.56 for staff services and ratification of \$49.47 for the refreshments for Ethics AB 1234 Training on March 27, 2014, and from AVEK in the amount of \$479.44 for staff services. The motion was seconded by Commissioner Alvarado, and unanimously carried by all members of the Board of Commissioners present at the meeting.

He then reviewed and moved to approve the bill received for payment from the United States Department of the Interior in the amount of \$34,025.00, as well as ratification of a payment for \$14,012.50, both for cooperative resources investigations per the Joint Funding Agreement. The motion was seconded by Commissioner Alvarado, and after a brief discussion, the motion unanimously carried by all members of the Board of Commissioners present at the meeting.

Commissioner Thibault then welcomed Dennis Hoffmeyer to the Association and thanked him for the financial reports provided after which General Manager Knudson stated that Dennis is doing a great job with the Association's finances and that a report will be provided with the agenda on a monthly basis.

**6) Presentation by RMC Water and Environment on the Antelope Valley Integrated Regional Water Management Plan. (Brian Dietrick of RMC Water and Environment)**

Mr. Brian Dietrick, of RMC Water and Environment, provided a detailed overview of the Antelope Valley Integrated Regional Water Management Plan (IRWMP) process including the history of the Integrated Regional Water Management Act, the benefits of Integrated and Regional Planning, the Legislation funding, Proposition 84 and area allocations, the Regional Water Management Group (RWMG) and Stakeholders, projects within the Antelope Valley, and the next steps for obtaining Prop. 84 grant funding.

After a brief discussion of available grant funds and the Lahontan Region, the Commissioners thanked Mr. Dietrick for the presentation.

**7) Consideration and Possible Action on Resolution No. 2014-1 Approving the Adoption of the 2013 Update to the Antelope Valley Integrated Regional Water Management Plan. (General Manager Knudson)**

General Manager Knudson reviewed and recommended adoption of Resolution No. 2014-1 Approving the Adoption of the 2013 Update to the Antelope Valley Integrated Regional Water Management Plan, and after a brief discussion of the requirement for each member agency to adopt a similar resolution, it was moved by Commissioner Dyas, seconded by Commissioner Mac Laren, and unanimously carried by all members of the Board of Commissioners present at the meeting to adopt Resolution No. 2014-1 Approving the Adoption of the 2013 Update to the Antelope Valley Integrated Regional Water Management Plan.

A copy of said Resolution No. 2014-1 is hereby made a portion of the minutes of this meeting.

**8) Consideration and Possible Action on Proposal for Preparation of Proposition 84, Round 3, Part 1 Implementation Grant Application. (General Manager Knudson)**

General Manager Knudson reviewed the proposal from RMC Water and Environment for the preparation of Proposition 84, Round 3, Part 1 Implementation Grant Application, the Integrated Regional Water Management (IRWM) stakeholders group and advisory team's recommended approval, the project to be submitted and lead agency, and stated that staff recommends RMC Water and Environment submit the grant application in the amount of \$29,590.00, which includes optional tasks of follow-up meetings and rebuttal if the State denies the project.

He then stated that in that in 2008/2009, the Regional Water Management Group submitted funds of \$186,278.33 for the Association to manage, and roughly \$45,306.00 of those funds is available.

After a brief discussion of past projects completed with Regional Water Management Group funds, it was moved by Commissioner Alvarado, seconded by Commissioner Mac Laren, and after clarification that the operation and maintenance costs of the project would be the responsibility of LACWW District No. 40, it was unanimously carried by all members of the Board of Commissioners present at the meeting to approve the Proposal received from RMC Water and Environment for

Preparation of Proposition 84, Round 3, Part 1 Implementation Grant Application in the not-to-exceed amount of \$29,590.00.

**9) Discussion and Possible Action on the Principles and Objectives of the Association. (General Manager Knudson)**

After a brief discussion of the Association's Agreement, Statement of Principles and Objectives, and the By-Laws, Chair Hogan recommended and appointed the Ad Hoc Committee of Commissioner Thibault, Commissioner Alvarado, and Commissioner Weisenberger, along with the General Manager or representative from each member agency, to meet and discuss these documents and the direction and purpose of the Association for report at the next regular meeting of the Association.

**10) Report of General Manager.**

- a) Update on tours of the Sanitation Districts of Los Angeles County facilities.**

General Manager Knudson informed the Commissioners that the Sanitation Districts facilities tour is scheduled for June 12, 2014 with a second tour to be scheduled at a later date.

**11) Report of Controller.**

Controller Barnes reported that he recently attended a State Water Contractors operations meeting and Department of Water Resources projects are on hold due to the drought; that AVEK is continuing to recover water from 8 wells and have increased pumping from 10 to 17 MGD; that they are eager to resume recharging; that the \$5.4 million in grant funds has made this recovery project possible; that Commissioner bios continue to be updated on the Association's website; and that statistics reflect a slight increase of 17% in website visits.

**12) Reports of Commissioners.**

Commissioner Weisenberger reported that he will be attending the American Water Works Association conference in Boston next month.

Commissioner Mac Laren stated that after attending the Association of California Water Agencies Conference in Monterey and recent discussions related to the water bond, she is curious if the Association would like to submit a project to the Governor for review after which Chair Hogan recommended that Commissioner Mac Laren share her thoughts with Commissioner Alvarado for discussion at the Ad Hoc Committee meeting.

Commissioner Thibault reported that through his brother, former Commissioner Rutledge sent greetings to the Association.

Chair Hogan reported that she was out of the country in Iran; that she visited a water museum while there; that we are not the only country with water problems; and that the United States of America is the greatest place in the world, and we should all take a moment to appreciate the great things we have.

**13) Report of Attorney.**

Attorney Quilizapa reported that the deadline for water bond bills to be on the Governor's desk is June 26, 2014 and that she feels it's a positive step for the Association to take.

**14) Commission Members' Requests for Future Agenda Items.**

Chair Hogan stated that the water bond will be discussed at the next meeting.

There were no further requests for future agenda items.

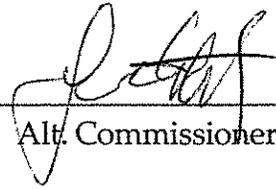
**15) Consideration and Possible Action on Scheduling the Next Association Meeting.**

It was determined that the next regular meeting of the Association will be held July 10, 2014 at 6:30 p.m. at PWD.

**16) Adjournment.**

There being no further business to come before the Commissioners, the regular meeting of the Commissioners of the Antelope Valley State Water Contractors Association was adjourned.

ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION  
MAY 29, 2014  
REGULAR MEETING



Alt. Commissioner

**MINUTES OF MEETING OF THE PERSONNEL COMMITTEE OF THE PALMDALE WATER DISTRICT, JUNE 19, 2014:**

*A meeting of the Personnel Committee of the Palmdale Water District was held Thursday, June 19, 2014, at 2029 East Avenue Q, Palmdale, California, in the Board Room of the District office. Chair Mac Laren called the meeting to order.*

**1) Roll Call.**

**Attendance:**

Personnel Committee:  
Kathy Mac Laren, Chair  
Joe Estes, Committee  
Member

**Others Present:**

Dennis LaMoreaux, General Manager  
Robert Alvarado, PWD Director  
Jennifer Emery, Human Resources Manager  
Matt Knudson, Assistant General Manager  
Mike Williams, Finance Manager  
Tim Moore, Facilities Manager  
Gene Taylor, Customer Service Supervisor  
Judith Hernandez, Asst. Customer Service Spvrs.  
Sandra Lebo, Administrative Technician  
Dawn Deans, Executive Assistant

0 members of the public

**2) Adoption of Agenda.**

It was moved by Committee Member Estes, seconded by Chair Mac Laren, and unanimously carried to adopt the agenda, as written.

**3) Public Comments.**

There were no public comments.

**4) Action Items:**

**4.1) Consideration and Possible Action on Approval of Minutes of Meeting Held April 21, 2014.**

It was moved by Committee Member Estes, seconded by Chair Mac Laren, and unanimously carried to approve the minutes of the Personnel Committee meeting held April 21, 2014, as written.

**4.2) Discussion and Review of an Unpaid Internship Program. (Human Resources Manager Emery)**

Human Resources Manager Emery reviewed staff's recommendation to enter into a Memorandum of Understanding with Antelope Valley Youth Build on a trial basis and authorize an unpaid Engineering intern, and after a brief discussion of Antelope Valley Youth Build and the opportunity through an unpaid engineering intern, it was moved by Committee Member Estes, seconded by Chair Mac Laren, and unanimously carried that the Committee concurs with staff's recommendation to create an Unpaid Internship Program, including a Memorandum of Understanding with Antelope Valley Youth Build, and authorizing an unpaid engineering intern, and that this item be presented to the full Board for consideration at the July 9, 2014 Regular Board Meeting.

**4.3) Discussion and Review of Human Resources Calendar. (Human Resources Manager Emery)**

Human Resources Manager Emery provided a status report on items included on the Human Resources Calendar including the Employee Handbook; the Paid Internship Program; performance appraisals and performance management; an orientation program; benchmarking; leadership training; the innovation project; the salary survey; human resources software; employee appreciation; manager, supervisor and staff training; and future items such as a wellness program and succession planning followed by discussion of upgrading the District's benefits and of the new PIO/Conservation Director.

**4.4) Discussion and Clarification of Customer Service Expectations and Any Needed Changes of the District's Rules and Regulations Regarding Fees, Charges, and Waivers for District Customers. (Chair Mac Laren)**

Finance Manager Williams provided an overview of the recent customer service staff meeting and the items addressed based on the Committee's direction from the last Committee meeting followed by discussion of potential changes to the District's fee policies, customer service latitudes and the financial impacts of revising fee policies, and developing a customer service campaign as a District-wide campaign including a customer survey.

After a brief discussion of this campaign and of several customer issues to address, it was determined that specific policy issues be addressed individually; that staff develop recommendations for policy updates; that recommendations be presented to the

Committee for review; that this process begin with the angle stop policy and the development of a Water Service Turn-on Program; and that staff develop a customer survey and present same at the next Committee meeting for consideration.

**5) Project Updates.**

**5.1) Status on Organizational Assessment. (General Manager LaMoreaux)**

General Manager LaMoreaux stated that Article 4 of the District's Rules and Regulations is currently under review for revisions with the assistance of The Mathis Group; that the Strategic Plan brochure is being developed; that the recruitment process for the PIO/Conservation Director is nearly complete; and that recruitment for the Engineering/Grant Manager position will begin.

Administrative Technician Lebo then reviewed the formation and function of the District's Communications Committee and then provided an overview of a recent employee survey regarding communication between management as a whole and staff, which indicates that staff is satisfied with this communication, followed by discussion of rotation of Communications Committee members.

**5.2) Status on Internship Program. (Human Resources Manager Emery)**

Human Resources Manager Emery stated that a good response has been received regarding the Internship Program for an intern as a customer service representative, a service worker, and an information technology intern.

**5.3) Status on Employee Handbook Update. (Human Resources Manager Emery)**

Human Resources Manager Emery stated that the Committee has been provided with a draft Employee Handbook and the areas being updated; that several policies are under review by legal counsel; and that staff will present the Employee Handbook to the Committee for consideration at the next meeting followed by discussion of the policies under review by legal counsel.

**5.4) Report on Customer Service Staff Meeting. (Finance Manager Williams)**

Finance Manager Williams stated that this report was reviewed earlier in the meeting and then thanked the Committee for allowing staff to close the front office once a month to conduct staff meetings and provided an update on the use of iPads by customer service field staff.

**5.5) Other.**

General Manager LaMoreaux stated that additional office space is needed with the hiring of the PIO/Conservation Director and Engineering/Grant Manager positions and that to accommodate these positions, the PIO/Conservation Director will be placed in the Board office, the Board office will be combined with the Consultant office, and the Engineering/Grant Manager will be placed in the former Water Conservation Supervisor office.

**6) Information Items.**

Committee Member Estes suggested a Secret Santa or ornament exchange be held at the upcoming Christmas Party.

There were no further information items.

**7) Board Members' Requests for Future Agenda Items.**

There were no requests for future agenda items.

**8) Adjournment.**

There being no further business to come before the Personnel Committee, the meeting was adjourned.

  
Chair

**MINUTES OF MEETING OF THE OUTREACH COMMITTEE OF THE PALMDALE WATER DISTRICT, JULY 1, 2014:**

*A regular meeting of the Outreach Committee of the Palmdale Water District was held Tuesday, July 1, 2014, at 2029 East Avenue Q, Palmdale, California, in the Board Room of the District office. Chair Dizmang called the meeting to order.*

**1) Roll Call.**

**Attendance:**

Outreach Committee:  
Gloria Dizmang, Chair  
Joe Estes, Committee  
Member

**Others Present:**

Dennis LaMoreaux, General Manager  
Matt Knudson, Assistant General Manager  
Jim Stanton, Information Technology Manager  
Danielle Henry, Administrative Assistant  
Dawn Deans, Executive Assistant  
0 members of the public

**2) Adoption of Agenda.**

It was moved by Committee Member Estes, seconded by Chair Dizmang, and unanimously carried to adopt the agenda, as written.

**3) Public Comments.**

There were no public comments.

**4) Action Items:**

**4.1) Consideration and Possible Action on Approval of Minutes of Meeting Held July 10, 2014.**

After a brief discussion, it was moved by Committee Member Estes, seconded by Chair Dizmang, and unanimously carried to approve the minutes of the meeting held July 10, 2014, as written.

**4.2) Review of June, 2014 Water News. (Retired Annuitant Beck)**

General Manager LaMoreaux stated that the Water Rate Study brochure scheduled to be mailed later this week and sent via Constant Contact will replace the July, 2014 issue of Water News.

Committee Member Estes then stated that Anne Ambrose, of the City of Palmdale, has expressed an interest in hosting drought and water conservation information on their web site.

General Manager LaMoreaux then stated that if the Board approves a proposed Resolution regarding stricter guidelines due to the drought at their next meeting, a press release will be issued.

**5) Information Items.**

**5.1) Status of District Website Redesign. (Information Technology Manager Stanton)**

Information Technology Manager Stanton stated that the transfer of content from the old website to the new website will begin next week; that staff will be working on new content; and that the designer is on schedule for the new website to launch the first week of August.

**5.2) Status of Strategic Plan Brochure. (General Manager LaMoreaux)**

General Manager LaMoreaux stated that he anticipates being able to present a draft Strategic Plan brochure to the Board for review next week.

**5.3) Review of June 14 Plant Sale. (General Manager LaMoreaux)**

General Manager LaMoreaux stated that the Plant Sale went well; that vendors have indicated they will attend future Plant Sales; and that staff has discussed hosting a Plant Sale in both the spring and fall followed by discussion of email addresses obtained at the Plant Sale.

**5.4) Other.**

General Manager LaMoreaux reviewed a chronological list of water conservation activities and hand-outs and stated that a booth with different partners has been secured at the City of Palmdale's Thursday-Night-on-the-Square after which Chair Dizmang requested a schedule of water conservation assignments.

General Manager LaMoreaux then stated that future scheduling of water conservation activities will be under the responsibility of the PIO/Conservation Director and that this position is anticipated to be filled by mid-July followed by discussion of training for this position.

There were no additional information items.

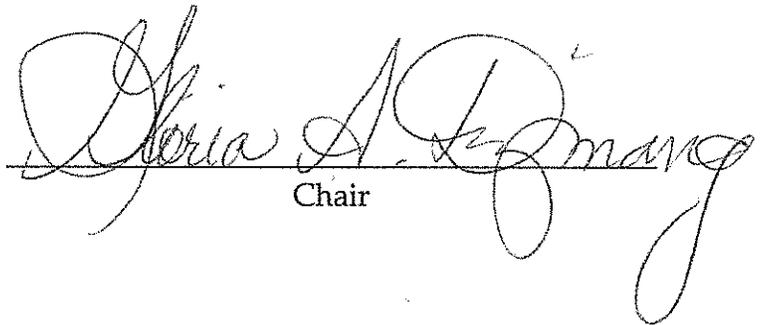
**6) Board Members' Requests for Future Agenda Items.**

There were no requests for future agenda items.

It was then stated that the next Outreach Committee meeting will be held August 6, 2014 at 3:00 p.m.

**7) Adjournment.**

There being no further business to come before the Outreach Committee, the meeting was adjourned.

  
Chair