PALMDALE WATER DISTRICT
A CENTURY OF SERVICE

BOARD OF DIRECTORS
ROBERT E. ALVARADO
Division 1
JOE ESTES
Division 2
MARCO HENRIQUEZ
Division 3
KATHY MAC LAREN
Division 4
VINCENT DINO
Division 5

DENNIS LaMOREAUX
General Manager
ALESHIRE & WYNDER LLP
Attorneys

July 3, 2018

AGENDA FOR REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT to be held at the District's office at 2029 East Avenue Q, Palmdale MONDAY, JULY 9, 2018 6:00 p.m.

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

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

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

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

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

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

1) Pledge of Allegiance/Moment of Silence.

2) Roll Call.

3) Adoption of Agenda.

4) Public comments for non-agenda items.

5) Presentations:

5.1) None at this time.

6) Action Items - Consent Calendar (The public shall have an opportunity to comment on any action item on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.)

6.1) Approval of minutes of regular meeting held June 25, 2018.

6.2) Payment of bills for July 9, 2018.

6.3) Approve absence of Director Estes from June 25, 2018 meeting due to vacation. (General Manager LaMoreaux)

7) Action Items - Action Calendar (The public shall have an opportunity to comment on any action item as each item is considered by the Board of Directors prior to action being taken.)

7.1) Consideration and possible action on California Special Districts Association's 2018 Board of Director's election for Seat A in the Southern Network. (No Budget Impact – General Manager LaMoreaux)

7.2) Consideration and possible action on revision to the District's Rules and Regulations Article 4.05: "Officers of the Board" and Article 4.06: "Duties and Obligations of the Officers of the Board" to add the position of Assistant Secretary. (No Budget Impact – General Manager LaMoreaux)

7.3) Consideration and possible action on authorization of the following conferences, seminars, and training sessions for Board and staff attendance within budget amounts previously approved in the 2018 Budget:

a) 2018 Tri-State Seminar to be held September 25 – 27, 2018 in Las Vegas, Nevada.

b) WaterSmart Innovations Conference and Exposition to be held October 3 – 5, 2018 in Las Vegas, Nevada.

8) Information Items:

8.1) Reports of Directors:

a) Meetings/General Report.

b) Standing Committee/Assignment Reports (Chair):

1) Personnel Committee.

8.2) Report of General Manager.

8.3) Report of General Counsel.

9) Public comments on closed session agenda matters.

10) Break prior to closed session.

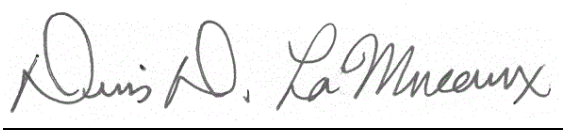
11) Closed session under:

11.1) Conference with Legal Counsel – Existing Litigation: A closed session will be held, pursuant to Government Code §54956.9 (d)(1), to confer with Special Litigation Counsel regarding existing litigation to which the District is a party. The title of such litigation is as follows: *Antelope Valley Ground Water Cases.*

12) Public report of any action taken in closed session.

13) Board members' requests for future agenda items.

14) Adjournment.



DENNIS D. LaMOREAUX,
General Manager

DDL/dd

P A L M D A L E W A T E R D I S T R I C T

B O A R D M E M O R A N D U M

DATE:	July 2, 2018	**July 9, 2018**
TO:	BOARD OF DIRECTORS	**Board Meeting**
FROM:	Mr. Dennis D. LaMoreaux, General Manager	
RE:	***AGENDA ITEM NO. 6.3 – APPROVE ABSENCE OF DIRECTOR ESTES FROM JUNE 25, 2018 BOARD MEETING DUE TO VACATION. (GENERAL MANAGER LaMOREAUX)***	

Director Estes was absent from the June 25, 2018 Regular Board Meeting. Agenda Item No. 6.3 has been placed on the Consent Calendar to excuse this absence pursuant to Section 4.07.2 of the District's Rules and Regulations which states, "The Board shall excuse absences by approving such absences pursuant to the Consent Calendar at the next regular Board meeting."

P A L M D A L E W A T E R D I S T R I C T

B O A R D M E M O R A N D U M

DATE: July 2, 2018 **July 9, 2018**

TO: BOARD OF DIRECTORS **Board Meeting**

FROM: Mr. Dennis D. LaMoreaux, General Manager

RE: ***AGENDA ITEM NO. 7.1 – CONSIDERATION AND POSSIBLE ACTION ON CALIFORNIA SPECIAL DISTRICTS ASSOCIATION'S 2018 BOARD OF DIRECTOR'S ELECTION FOR SEAT A IN THE SOUTHERN NETWORK. (NO BUDGET IMPACT – GENERAL MANAGER LaMOREAUX)***

Information for the California Special Districts Association (CSDA) 2018 election for Seat A of the Southern Network is attached for your consideration. The District is asked to vote for only one candidate by August 10, 2018.

The candidates are as follows:

- Jo MacKenzie (incumbent)
  Vista Irrigation District

- Joseph Kelly
  Big Bear Airport District

Supporting Documents:

- CSDA ballot
- CSDA candidate information sheet for Joe MacKenzie and letter of support from Vista Irrigation District
- CSDA candidate information sheet for Joseph Kelly

CSDA

Online Voting

California Special Districts Association

Districts Stronger Together

Home | How It Works | Logout **Dennis Lamoreaux**

Electronic Ballot - 2018 CSDA Board of Directors Election, (Seat A) Southern Network

Please vote for your choice

Choose **one** of the following candidates:

- Jo MacKenzie (Incumbent)
- Joseph Kelly

☐ **Jo MacKenzie** [view details]

☐ **Joseph Kelly** [view details]

Continue **Cancel**

California Special
Districts Association
Districts Stronger Together

2018 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information MUST accompany your nomination form and Resolution/minute order:

Name: Jo MacKenzie

District/Company: Vista Irrigation District

Title: President, Board of Directors

Elected/Appointed/Staff: Elected

Length of Service with District: 26 years

1. **Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):**
   - President 2011, Vice President 2010, Treasurer 2008-2009
   - CSDA Legislative Advocate of the Year 2010
   - Finance Corporation 2007-present, President 2012, 2013, 2015- present
   - Special District Leadership Foundation Board of Directors, Treasurer 2014-present
   - Fiscal and Audit Committees; Membership Committee 2011- present
   - Legislative Committee 2004-present; Chair, 2006-2010 and 2012
   - San Diego Chapter, Board of Directors 1993-present, President 1998-2000
   - Graduate of CSDA Governance Academy
   - Attend Annual Conference and Legislative Days

2. **Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):**
   - ACWA: Past Board Director; Local Government, Chair 2014-2015 and Membership Committees
   - ACWA Region 10 Board, Vice Chair, Alternate Chair, Director 1997-2010
   - Special District Official of the Year by PublicCEO 2011

3. **List local government involvement (such as LAFCO, Association of Governments, etc.):**
   - San Diego LAFCO, 1994-present, Current Chair; served on Advisory Committee for 14 years
   - CALAFCO Board member
   - Served on City of San Marcos Planning and Traffic Commissions
   - Personally initiated the City of San Marcos Budget Review Committee in 1980, Chair 1996-2006

4. **List civic organization involvement:**
   - San Marcos Chamber of Commerce, Lifetime Ambassador
   - Graduate Leadership 2000, Cal State San Marcos
   - Soroptimist International

Candidate Statement-Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office after May 31, 2018 will not be included with the ballot mailing.

Jo MacKenzie, Director
Vista Irrigation District



*** DEDICATED * EXPERIENCED LEADER**

*** FISCALLY RESPONSIBLE**

*** COMMITTED TO SPECIAL DISTRICTS**

I would be honored to continue representing the Southern Network on the CSDA Board of Directors.

I am dedicated to CSDA's mission and I pledge to continue building on CSDA's foundation of education programs, legislative advocacy, and public outreach. During my tenure, special districts have gained recognition as the third leg of local government. It is important that CSDA continues to be the voice of California's special districts in the Capitol.

Representing the Southern Network, I will bring to the California Special District Association years of experience in local government including LAFCO, and a strong understanding of how CSDA can best serve its members.

I have served as CSDA President, Treasurer, and the Chair of the Legislative Committee. I know the commitment and time it takes to be an effective board member. A flexible schedule is paramount to being a successful director. I have attended all board of directors and assigned committee meetings, read through a myriad of legislation, and hundreds of pages of Board packets in order to provide the leadership necessary for the association to run efficiently and effectively to serve the needs of the diverse special districts.

I have completed CSDA's Special District Leadership Academy, a requirement to serve on the Board. Under my leadership, my district, Vista Irrigation District, has obtained the Special District Leadership Foundation District of Distinction Accreditation, Gold, and the District Transparency Certificate of Excellence.

I believe it is important to the continued success and growth of CSDA that the Board of Directors remain committed to its **mission: to provide legislative advocacy, education, and member services for all special districts.**

Your district's vote will be greatly appreciated!

VISTA IRRIGATION DISTRICT

1391 Engineer Street • Vista, California 92081-8840
Phone (760) 597-3100 • Fax: (760) 598-8757
www.vidwater.org

Board of Directors

Paul E. Dorey, *President*
Jo MacKenzie
Marty Miller
Patrick H. Sanchez
Richard L. Vásquez

Administrative Staff

Eldon L. Boone
General Manager / Treasurer
Brett L. Hodgkiss
Assistant General Manager
Lisa R. Soto
Board Secretary
Joel D. Kuperberg
General Counsel

June 18, 2018

Re: Jo MacKenzie for CSDA Board of Directors, Southern Network, Seat A

Dear Board President:

On March 7, 2018, the Vista Irrigation District (VID) Board nominated Jo MacKenzie to the CSDA Board of Directors for the Southern Network, Seat A. As President of the Board, I'm requesting that your Board cast its vote for Jo MacKenzie, CSDA Board of Directors. The electronic balloting starts this week.

Jo's enthusiasm, commitment, and comprehensive knowledge of special districts have brought a high level of experience to the CSDA Board of Directors. Jo believes it is important that CSDA continue to be the voice of all special districts, and continue to build on the present foundation of legislative advocacy, educational programs, and public outreach.

Currently serving on the CSDA Board as a Past President (President, 2011). Jo served as Chair of the Legislative Committee from 2006-2010, and again in 2012. She was named Legislative Advocate of the Year in 2010. Jo currently serves as President of the CSDA Finance Corporation, and she also serves as Treasurer of the Special District Leadership Foundation. Jo has been very active with the San Diego Chapter of CSDA and served as its President 1998-2000.

Jo was elected to the VID Board of Directors in 1992, and has since served as President seven times. She is current Chair of San Diego LAFCO, and has continually served on LAFCO in various capacities since 1994. Jo is a past Board Director for ACWA and serves on the ACWA Local Government Committee (Chair 2014-15) and on the ACWA Membership Committee. She is active in her local community, having served on the City of San Marcos Planning Commission, Traffic/Safety Commission, Budget Review Committee and Affordable Housing Task Force. Jo has also been active in the San Marcos Chamber of Commerce for 30 years, serving as a Board Member and a Life Member Ambassador.

During my Board's nomination of Jo for re-election to the CSDA board, my comments was as follows:

> *"She's been their [CSDA's] loyal representative, for sure. And when it comes time to supporting all of their projects, you know that she provides the emphasis."*

I urge your Board to vote for Jo MacKenzie for Southern Network Director. Thank you for your support!

Very truly yours,

Paul E. Dorey
President, Board of Directors

California Special
Districts Association
CSDA *Districts Stronger Together*

2018 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information MUST accompany your nomination form and Resolution/minute order:

Name: *Joseph Kelly*

District/Company: *Big Bear Airport District*

Title: *Director*

Elected/Appointed/Staff: *Elected Member - Board of Directors*

Length of Service with District: *3.5 years*

- **Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):**

2016 Special District Leadership Academy
2018 Special District Leadership Academy
Association of San Bernardino County Special Districts Membership

- **Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):**

Institute for Local Government - Public Engagement Certificate and Subscriber
Jefferson Madison Society, President

- **List local government involvement (such as LAFCo, Association of Governments, etc.):**

Contributor in Numerous Events/Meetings of:
City of Big Bear Lake
Bear Valley Municipal Water District
Big Bear Community Services District
Bear Valley Healthcare District
Bear Valley Unified School District

- **List civic organization involvement:**

Better Big Bear
Bear Valley Historical Society
Big Bear Business Bunch
Big Bear Pilots Association

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office after May 31, 2018 will not be included with the ballot.**

Joseph Kelly, Director
Big Bear Airport District



A Message from Joseph Kelly
Candidate for the California Special Districts Association
Board of Directors

Hello, I am Joseph Kelly, your candidate for the California Special Districts Association (CSDA) Board of Directors. As an elected official, I understand the concept of serving our constituents. When elected to the CSDA Board, I will serve you.

CSDA is our "go to" organization, for training, support, data, answers and legislative outreach. During my tenure on the Big Bear Airport District Board of Directors, I have drawn on many of the resources provided by our membership in CSDA. These resources will not only continue, but get better with my input in Sacramento.

Technical innovations, communication and legislative support is what I bring to the table. I have no complaints about CSDA. To the contrary, I only seek to add my voice to make CSDA an ever improving association. I ask for your vote, the vote of your agency,
to elect me to the CSDA Board of Directors.

Special Districts like yours provide vital services to a major portion of California.
We as representatives require the support CSDA provides to help us carry out our responsibilities. We serve in every type of district from small rural areas to large metropolitan areas. One thing in common is that our constituents rely on us to provide services, without fail; and we are held accountable.

Each district faces its own challenges. In addition to these, some general concerns to me are:

- UNFUNDED MANDATES from Sacramento which are growing
- PREVAILING WAGE regulations impact on districts which don't have the large base of contractors
- NETWORKING AND COMMUNICATION between agencies to find solutions to problems in common
- ENCOURAGING INPUT from Special Districts as to their needs from CSDA

(spartanizer@live.com) *The opinions expressed herein are those of the candidate*

P A L M D A L E W A T E R D I S T R I C T

B O A R D M E M O R A N D U M

DATE: July 2, 2018 **July 9, 2018**

TO: BOARD OF DIRECTORS **Board Meeting**

FROM: Mr. Dennis D. LaMoreaux, General Manager

RE: ***AGENDA ITEM NO. 7.2 – CONSIDERATION AND POSSIBLE ACTION ON REVISION TO THE DISTRICT'S RULES AND REGULATIONS ARTICLE 4.05: "OFFICERS OF THE BOARD" AND ARTICLE 4.06: "DUTIES AND OBLIGATIONS OF THE OFFICERS OF THE BOARD" TO ADD THE POSITION OF ASSISTANT SECRETARY. (NO BUDGET IMPACT – GENERAL MANAGER LaMOREAUX)***

Recommendation:

Staff recommends the Board approve revisions to the District's Rules and Regulations Article 4.05: "Officers of the Board" and Article 4.06: "Duties and Obligations of the Officers of the Board" to add the position of Assistant Secretary.

Alternative Options:

The alternative is to not revise the Rules and Regulations.

Impact of Taking No Action:

The impact of taking no action is there is no position to attest to documents in the absence of the Secretary.

Background:

In instances where the Secretary is absent from a meeting where Board minutes are approved, the Vice President currently signs the minutes. The Vice President, however, cannot certify or attest to documents in the Secretary's absence. Staff recommends the title of Assistant Secretary be added to replace the current Director position on the Board of Directors with this position performing all duties of the Secretary in the Secretary's absence.

Strategic Plan Initiative/Mission Statement:

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

Budget:

There is no impact to the Budget from this item.

Supporting Documents:

- Redlined Rules and Regulations Articles 4.05 and 4.06

Board to waive the full reading of the ordinance. The ordinance may then be passed.

3. The ordinance shall become effective thirty (30) days after adoption and shall be published, within ten (10) days after its adoption, at least once for one week in a newspaper of general circulation within the boundaries of the District.

4.05 OFFICERS OF THE BOARD

The officers of the Board shall be:

President, Vice President, Treasurer, ~~and~~ Secretary, and Assistant Secretary.

Officers shall be elected by a 3/5 majority vote of the Board. The Board shall reorganize every two years, following an election, unless by a 3/5 majority vote the Board approves a reorganization at any other time.

4 . 06 DUTIES AND OBLIGATIONS OF THE OFFICERS OF THE BOARD

Other than the duties and obligations specified herein, Officers have no rights or authority different from any other Director. In addition to such duties and obligations imposed by law or by action of the Board of Directors, the duties of each Officer of the District are as follows:

4.06.1 PRESIDENT

Preside over and conduct all meetings of the Board, including maintaining the order pursuant to the Rules of Procedure adopted by the Board and attached hereto as Appendix DD, to ensure constructive and democratic meetings and help, not hinder, the business and discussion of the Board. Carry out the resolutions and orders of the Board. Exercise other powers and perform other duties as prescribed by the Board in these Rules and Regulations and by other actions of the Board. Approve Board meeting agendas. Form or disband standing and ad hoc committees. Appoint committee members and the Chair of said committees. Sign all agreements to which the District is a party. Write and/or sign correspondence on behalf of the Board and

PWD. In the event of an early vacancy in the office of the Presidency, the Vice President shall become the President.

4.06.2 VICE PRESIDENT

Exercise the duties of the President in the absence of, when the President stands down, or when the President is unable to continue in his/her duties due to any other reason. In the event of an early vacancy in the position of Vice-President, the Board shall elect a new Vice-President in accordance with Section 4.04.

4.06.3 TREASURER

Sign financial instruments as required and serve as the Finance Committee Chair. The Treasurer acts on behalf of the President in the event the President and Vice President are unable to do so. In the event of an early vacancy in the position of ~~Vice-President~~ Treasurer, the Board shall elect a new ~~Vice-President~~ Treasurer in accordance with Section 4.04.

4.06.4 SECRETARY

Certify or attest to the actions taken by the Board. Sign the minutes of the Board meeting following their approval. In the absence of the Secretary from any meeting at which the Board approved meeting minutes, the ~~Vice-President~~ Assistant Secretary, if present, shall sign the meeting minutes. In the event of an early vacancy in the position of ~~Vice-President~~ Secretary, the Board shall elect a new ~~Vice-President~~ Secretary in accordance with Section 4.04.

4.06.5 ASSISTANT SECRETARY

Exercise the duties of the Secretary in the absence of or when the Secretary is unable to continue in his/her duties due to any other reason. In the event of an early vacancy in the position of Assistant Secretary, the Board shall elect a new Assistant Secretary in accordance with Section 4.04.

AGENDA ITEM NO. 7.3

Hotel and Travel Accommodations

Event Name/Date:

2018 Tri-State Seminar September 25 - 27, 2018 Las Vegas, Nevada

CONTACT INFORMATION

First Name | Last Name | Date

ACCOMMODATION INFORMATION

Rooms and rates are subject to availability. Complete and submit this form as soon as possible to guarantee a room at the host hotel. In the event that the host hotel is booked, every effort will be made to secure a room at the closet hotel within comparable rates to the event discounted rate.

Arrival Date | Departure Date | No. of guests | Room Type

Do you require a smoking room?

○ Yes ○ No

Do you need transportation from the airport to the hotel?

○ Yes ○ No

Flight Number | Time

ADDITIONAL INFORMATION/REQUESTS

Staff Representative

SURF YOUR WAY TO THE

2018 TRI-STATE SEMINAR

SEPTEMBER 25-27, 2018

Tri-State Seminar, LLC
NWEA
CWEA
AZ WATER
EDUCATING WATER PROFESSIONALS

SOUTH POINT HOTEL & CASINO

ALL UNDER ONE ROOF

- Over 300 exhibitors
- Over 200 classes with leading experts
- Special tours and add-on workshops
- Up to 21 contact hours available

FOR HOTEL RESERVATIONS

www.southpointcasino.com

Group Code: TRI0923, $95/night

REGISTRATION

$99 PER PERSON

(After 9/1/18 - $125)

Registration Open June 1, 2018



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Surf YOUR WAY TO THE 2018 TRI-STATE SEMINAR

SEPTEMBER 25-27, 2018

SOUTH POINT HOTEL AND CASINO, LAS VEGAS, NV

EARLY BIRD REGISTRATION ONLY $99

ATTENDEE REGISTRATION FORM

Please fill in all the blanks

Name _____ Title _____

Employer _____

Address _____

City _____ State _____ Zip _____

Phone Number_____ Fax Number _____

Attendee Email _____

Guests Attending _____

CREDIT CARD INFORMATION

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

Credit Card #_____ Security Code (CCV) _____

Expiration Date _____ Card Holder Signature_____

SPECIAL SERVICES

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

☐ Please check here if you DO NOT wish to have your contact information shared with our sponsors and exhibitors.

TOURS & WORKSHOPS LISTED ON SECOND PAGE

REGISTRATION

Early-Registration prior to 8/31/18	$99.00	Amount Enclosed:
Registration After 8/31/18	$125.00	Amount Enclosed:
Guest Fee	Number x $15.00	Amount Enclosed:
Workshop(s)	Total Page Two	Amount Enclosed:
Tours		Amount Enclosed:
Golf, Registration Prior 8/31/18	Number x $130.00	Amount Enclosed:
Golf, Registration After 8/31/18	Number x $155.00	Amount Enclosed:
		Total Registration Fees: $
Golfers Name		Golfers Name
Golfers Name		Golfers Name
Tee Sponsorship Fee	$250.00	Amount Enclosed:

TOURS (Extra Fee)

Deadline: 8/31/18
Space is limited

Tuesday
Hoover Dam
54 seats

Wednesday & Thursday
Venetian Hotel
20 seats

Wednesday
Springs Preserve
54 seats

Refund Deadline – August 31, 2018. All refunds subject to a 25% Cancellation Fee.

Make check/money order payable to: **Tri-State Seminar LLC** and mail c/o Annette Duarte, P.O. Box 11220, Tucson, AZ 85734 OR 201 N Stone Avenue, 8th Floor, Tucson, AZ 85701 • **OR** Fax to (520) 791-6624 with credit card information.

OPTIONAL TOURS & WORKSHOPS

Course	Days	Cost
NASSCO PACP Re-Certification (1 Day)	Monday	☐ $625
MS4 Compliance and Code Enforcement Inspector Re-Certification (½ Day)	Monday	☐ $150
Hoover Dam Tour (54 seats) (Background Check Required)	Tuesday	☐ $65
MS4 Compliance & Code Enforcement Inspector (CCEI)	Tuesday	☐ $255
NASSCO Pipes (PACP) Certification Assessment Program (2 Days)	Tuesday/Wednesday	☐ $825
OSHA 10-Hour Construction Course (1½ Days)	Tuesday/Wednesday	☐ $75
Venetian Hotel & Casino Tour (20 seats)	Wednesday	☐ $30
Springs Preserve Guided Tour (54 seats)	Wednesday	☐ $50
Venetian Hotel & Casino Tour (20 seats)	Thursday	☐ $30
NASSCO MACP Certification (PACP IS A PRE-REQUISITE FOR THIS CLASS)	Thursday	☐ $100
NASSCO LACP Certification (PACP IS A PRE-REQUISITE FOR THIS CLASS)	Thursday	☐ $100
		Total: $

















HOTEL & TRAVEL

South Point • Las Vegas

Hotel . Casino . Spa
9777 Las Vegas Blvd. South
Las Vegas, NV 89183
702-796-7111
866-796-7111

Reservations for the 2018 seminar can be made by calling South Point and referenci code - TRI0923. Or online by clicking RESERVATIONS.

HOTEL RESERVATIONS

$95 Monday-Thursday – Deluxe Room
Group Code: **TRI0923**
Deadline for hotel reservations: **September 3, 2018**
702-796-7111
866-796-7111

South Point Shuttle Service

Airport Shuttle – call 866-791-7626 (ask for Shuttle Reservations) 24 hours in advance. Se will be allowed to board. If not full, seating will be on first come, first serve basis

Nearby Shopping

Las Vegas Premium Outlets
Variety of popular brands at affordable prices
7400 Las Vegas Boulevard South
Town Square Las Vegas
Shopping, dining and entertainment center
6605 Las Vegas Boulevard South

Entertainment at South Point Hotel Casino and Spa

- 64-lane Bowling Center
- Costa Del Sur Spa & Salon
- South Point Barber Shop
- 16-theatre movie complex
- Showroom

- 600 seat Bingo Room

RESTAURANTS

South Point offers 12 different restaurants to choose from and this year they are expanding accommodate our seminar attendees. *Note: You must wear your seminar badge to be se*

- The Garden Buffett will open on Tuesday & Wednesday at 6:30am
- Baja Miguels will be open on Tuesday from 11am-10pm (normally closed)

MAP LOCATION



2018 TRI-STATE SEMINAR PROGRAM AGENDA

TUESDAY, SEPTEMBER 25, 2018

7:00 A.M. - 7:30 A.M. - JAVA JOLT	**WASTEWATER TREATMENT** **LeAnna Risso, Chair**	**SONOMA C & D**	**SESSION**
	7:30-8:20	**EXTERNAL CARBON FOR WASTEWATER TREATMENT** *Rick Allen, BioLynceus Environmental Solutions*	1110
	8:30-9:20	**PIMA COUNTY ADDRESSES P CONCERNS** *Jerry Bish, Greeley & Hansen*	1210
	9:40-10:30	**CENTRIFUGAL PUMPS- PART 1** *Sidney Innerebner, Indigo Water Group*	1310
	10:40-11:30	**CENTRIFUGAL PUMPS- PART 2** *Sidney Innerebner, Indigo Water Group*	1410
	1:00-1:50	**THE "TEST" OF A CLARIFIER...IS IN THE 'TESTING'!** *John Esler, Clarifier Performance Evaluations, Inc.*	1510
	2:00-2:50	**CLOSED VESSEL ULTRAVIOLET TECHNOLOGY FOR MUNICIPAL WW** *Patrick Bollman, Evoqua Water Technologies*	1610
	3:00-3:50	**RARE EARTH TECHNOLOGY FOR P REMOVAL & ENHANCED SLUDGE PROPERTIES** *Jim Gallman, Neo Materials*	1710
	INSTRUMENTATION/ELECTRICAL & CONTROL **Peter Beaulieu, Chair/Greg Quist, Co-Chair**	**NAPA A & B**	**SESSION**
	7:30-8:20	**CALIBRATION OF PROCESS AUTOMAITON INSTRUMENTS** *Jeffery Blue, Southern Nevada Water System*	1114
	8:30-9:20	**FORM-WOUND MOTOR REPAIR** *Aaron Hall, CH2M*	1214
	9:40-10:30	**PUTTING THERMAL IMAGING TO WORK FOR YOU** *Heath Szymanski, Clark County Water Reclamation District*	1314
11:30 A.M. - 1:00 P.M. - LUNCH	10:40-11:30	**ELECTRICAL SAFETY, PREVENTIVE MAINTENANCE & NFPA 70E** *Tim Rohrer, Exiscan*	1414
	1:00-1:50	**POWER DISTRIBUTION SYSTEM CONCEPTS FOR ARC FLASH HAZARD REDUCTION** *Heber Torres, Slater Hanifan Group*	1514
	2:00-2:50	**ELECTRICAL POWER QUALITY MONITORING & SUB-METERING** *Sanjeev Niroula, Electro Industries*	1614
	3:00-3:50	**TODAY'S CRITICAL POWER SYSTEMS IN YOUR PLANT** *Kurt Richard, RAMTEK, Mission Critical Solutions*	1714
	BACKFLOW PREVENTION **Eugene, Bragazzi, Chair**	**NAPA C & D**	**SESSION**
	7:30-8:20	**OPERATING PRINCIPLES OF CROSS CONNECTION CONTROL** *Jim Purzycki, BAVCO*	1101
	8:30-9:20	**TROUBLESHOOTING BACKFLOW PREVENTION ASSEMBLIES** *Jim Purzycki, BAVCO*	1201
	9:40-10:30	**REPAIR OR REPLACE? THE WHY AND WHEN** *Jim Purzycki, BAVCO*	1301
	10:40-11:30	**COMMON FIELD MODIFICATIONS & THEIR EFFECT ON APPROVAL** *Paul Schwartz, USC FCCC & Hydraulic Research*	1401
	1:00-1:50	**DETECTOR ASSEMBLIES ON FIRE SPRINKLER SYSTEMS** *Paul Schwartz, USC FCCC & Hydraulic Research*	1501
9:20 A.M. - 9:40 A.M. - JAVA JOLT	2:00-2:50	**LAS VEGAS WATER DISTRICT BACKFLOW RETROFIT PROGRAM** *Adriana Ventimiglia, LVVWD*	1601
	3:00-3:50	**MANAGING THE MONSTER OF THE BACKFLOW PREVENTION PROGRAM** *Richard Dalton, City of Tempe, AZ*	1701
	WATER DISTRIBUTION **Ken Snow, Chair/Steve Davis, Co-Chair**	**GRAND BALLROOM A**	**SESSION**
	7:30-8:20	**UNDERSTANDING YOUR WATER TANK AND IT'S CONDITION** *Kevin Barnes, Ferguson Waterworks*	1111
	8:30-9:20	**WATER DISTRIBUTION FIELD MANAGEMENT OPTIMIZATION** *Dave Tracey and Adam Barnett, LuminUltra Technologies Ltd.*	1211
	9:40-10:30	**UTILITY CIP MANAGEMENT** *Steve Notch, Town of Gilbert, AZ*	1311
	10:40-11:30	**PRESSURE PIPELINE REHABILITATION TECHNOLOGY** *Mike Ambroziak, Construction Product Marketing*	1411
	1:00-1:50	**CONNECT AND OPERATIONALIZE ENTERPRISE DATA** *George Cardenas, Phelan Pinon Hills Community Services District*	1511
	2:00-2:50	**LESS PAPER, MORE INSIGHTS** *Jamie Persino, Sedaru*	1611
	3:00-3:50	**IMPROVING WATER SYSTEM OPERATIONS & CUSTOMER SERVICE** *Richard Sanders, Zenner USA*	1711

7:00 A.M. - 7:30 A.M. - JAVA JOLT
11:30 A.M. - 1:00 P.M. - LUNCH
9:20 A.M. - 9:40 A.M. - JAVA JOLT

2018 TRI-STATE SEMINAR PROGRAM AGENDA

TUESDAY, SEPTEMBER 25, 2018

7:00 A.M. - 7:30 A.M. - JAVA JOLT	**MAINTENANCE** **Dave Badgley, Chair/Rick Jesmok, Co-Chair**	**GRAND BALLROOM B**	**SESSION**
	7:30-8:20	**BASIC PUMPS** *Kevin Baughman, RCAC*	1106
	8:30-9:20	**BASICS OF MOTOR TESTING: CUZ THE JOB YOU SAVE COULD BE YOUR OWN!** *Mike Schneidr, ALL-TEST Pro, LLC*	1206
	9:40-10:30	**SUBMERSIBLE LIFT STATION TROUBLESHOOTING-OPTIMIZING PERFORMANCE** *Rick Jesmok, FlowNControl*	1306
	10:40-11:30	**WHO'S IN CONTROL..CONTROL STRATEGY & MAINTENANCE OF LIFT STATIONS** *Troy Hertog, PRIMEX*	1406
	1:00-1:50	**BUILDING AN IN-HOUSE RCM PROGRAM: LESSONS LEARNED** *Paul Hughes, PinnacleART*	1506
	2:00-2:50	**O&M MANUAL UPDATES: HOW TO OPTIMIZE OPERATIONS & MAINTENANCE**	1606
	3:00-3:50	**THE BEST TOOL IN YOUR TOOL BELT IS YOUR CELL PHONE** *David Rockacy, DatalinQR*	1706
	WASTEWATER COLLECTIONS **Stephen Johns, Chair/Sal Cruz, Co-Chair**	**SONOMA A & B**	**SESSION**
	7:30-8:20	**WINNING THE WAR AGAINST WIPES** *Dave Barkley, JWC Environmental, LLC*	1102
	8:30-9:20	**TYPES OF LIFT STATIONS & ASSOCIATED COSTS/A CASE STUDY** *Michael Tuel, Smith & Loveless, Inc.*	1202
	9:40-10:30	**BEST PRACTICES: USE, CARE & REPAIR OF HIGH PRESSURE SEWER CLEANING HOSE**	1302
11:30 A.M. - 1:00 P.M. - LUNCH	10:40-11:30	**SEWER CLEANING VEHICLES WITH WATER RECYCLING TECHNOLOGY** *Stefanie Wiedemann, Wiedemann Envirotec GmbH & Co KG*	1402
	1:00-1:50	**COMBINATION MACHINE MAINTENANCE** *Carey Olcott, Haaker Equipment Company*	1502
	2:00-2:50	**INNOVATIVE OVERFLOW PREVENTION: USING ECHOS FOR DETECTION** *Paul Mitchell, ADS Environmental Services*	1602
	3:00-3:50	**LATERAL SOLUTIONS** *Jason Walborn, Pro-Pipe*	1702
	SAFETY/HEALTH/SECURITY **James Taylor, Chair/ Frederick Tack, Co-Chair**	**BRUNSWICK ROOM**	**SESSION**
	7:30-8:20	**DOMESTIC TERRORISM AWARENESS - PART 1** *Special Agent Jay Beasley, Federal Bureau of Investigation*	1108
	8:30-9:20	**DOMESTIC TERRORISM AWARENESS - PART 2** *Special Agent Jay Beasley, Federal Bureau of Investigation*	1208
	9:40-10:30	**CHOOSING THE BEST GAS DETECTOR/CALIBRATION & TESTING REQUIREMENTS** *Michael Calvo, GfG Instrumentation*	1308
	10:40-11:30	**OSHA SILICA RULE** *Nick Kato, Town of Gilbert, AZ*	1408
	1:00-1:50	**WATER UTILITY SERVICE GENERAL SAFETY** *Dale Becker, TTi/MC Consultants Inc.*	1508
	2:00-2:50	**SAFETY AT THE WORKPLACE: ACTIVE SHOOTER - PART 1** *Rick Buffington, Riverside Sheriff Department*	1608
	3:00-3:50	**SAFETY AT THE WORKPLACE: ACTIVE SHOOTER - PART 2** *Rick Buffington, Riverside Sheriff Department*	1708
9:20 A.M. - 9:40 A.M. - JAVA JOLT	**STORMWATER** **Jenn Davis, Chair/Nikita Lingenfelter, Co-Chair**	**BOWLING CENTER SQUAD ROOM**	**SESSION**
	7:30-8:20	**WQ MANAGEMENT PLANS & ASSOCIATED STORMWATER TREATMENT DEVICES** *Joseph Rosales, City of Montclair, CA*	1113
	8:30-9:20	**FILL 3 NEEDS WITH 1 BMP** *Jarrod Miller, WSP*	1213
	9:40-10:30	**TRACING THE STEPS FROM COMPLIANCE THRU POST-IMPLEMENTATION** *Dawn Petschauer and Seth Carr, LA Sanitation Watershed Protection Division*	1313
	10:40-11:30	**IMPROVING STORMWATER RUNOFF QUALITY THRU ASSET MANAGEMENT** *Grant Sharp, County of Orange/OC Public Works*	1413
	1:00-1:50	**STORMWATER PROTECTION FOR WATER UTILITIES** *Steven Ross, Las Vegas Valley Water District*	1513
	2:00-2:50	**THE CREATION OF NDOT's STORMWATER PROGRAM** *Dave Gaskin, Nevada Department of Transportation (NDOT)*	1613
	3:00-3:50	**OPTIONS FOR STORMWATER RATE CALCULATIONS** *Catherine Hansford, Hansford Economic Consulting*	1713

7:00 A.M. - 7:30 A.M. - JAVA JOLT
11:30 A.M. - 1:00 P.M. - LUNCH
9:20 A.M. - 9:40 A.M. - JAVA JOLT

2018 TRI-STATE SEMINAR PROGRAM AGENDA

WEDNESDAY, SEPTEMBER 26, 2018

7:00 A.M. - 7:30 A.M. - JAVA JOLT	**MAINTENANCE** **Dave Badgley, Chair/Rick Jesmok, Co-Chair**	**GRAND BALLROOM B**	**SESSION**
	7:30-8:20	**CATHODIC PROTECTION OF MULTIPLE INTERCONNECTED PIPELINES** *Dale Claassen, Las Vegas Valley Water District*	**2106**
	8:30-9:20	**OVERVIEW OF CLASSIC & NEW STATE OF THE ART PIPELINE REHAB TECHNOLOGIES** *Dave Badgley, Performance Pipeline Technology*	**2206**
	9:40-10:30	**CONDITION ASSESSMENT OF REINFORCED CONCRETE STRUCTURES** *Bryan Osborne, Clark County Water Reclamation District*	**2306**
	10:40-11:30	**WE COME FROM DOWN UNDER (AUSTRALIA):WITH SOLUTIONS FOR ODOR & CORROSION PROBLEMS** *Michael Wheatland, Calex*	**2406**
	1:00-1:50	**CONFUSIONS AND SOLUTIONS WITH SPECIALITY COATINGS** *Greg Wallace, Kerneos SewperCoat*	**2506**
	2:00-2:50	**NOVEL CORROSION-RESISTANT MANHOLE CONSTRUCTION METHODS** *Jed Friesen, Predl Systems*	**2606**
	3:00-3:50	**REDUCING INFLOW & INFILTRATION IN MANHOLES AND VAULTS** *Lee Haessig, Cretex Specialty Products*	**2706**
	WASTEWATER TREATMENT **LeAnna Risso, Chair**	**SONOMA C & D**	**SESSION**
	7:30-8:20	**SOLVING NUTRIENTS: HOW TO BIOLOGICALLY DENITRIFY** *Will McHale, Nexom*	**2110**
	8:30-9:20	**WATER WORK** *Pamela Murawski, Office of Water Programs*	**2210**
	9:40-10:30	**OCCURRENCE OF ANTIOBIOTIC RESISTANCE IN WWTP** *Majid Neyestani, Greeley & Hansen*	**2310**
11:30 A.M. - 1:00 P.M. - LUNCH	10:40-11:30	**10 YRS OF SUCCESSFUL ENHANCED PRIMARY TREATMENT POINT LOMA WWTP** *Inken Mello, USP Technologies*	**2410**
	1:00-1:50	**GRIT HAPPENS! YOU DON'T KNOW WHAT YOU ARE MISSING** *Pat Herrick, Hydro International*	**2510**
	2:00-2:50	**FINE START! PRIMARY TREATMENT UTILIZING FINE SCREENS AT THE HEADWORKS** *Jesus Rodriguez, JWC Environmental*	**2610**
	3:00-3:50	**ONE DIRTY WATER: BRIDGING THE ORGANIZATIONAL GAP** *Benjamin Marquart, City of San Luis Obispo*	**2710**
	ENVIRONMENTAL COMPLIANCE/PRETREATMENT **Nicole deMoet, Chair/Nathan Ellis, Co-Chair**	**NAPA A & B**	**SESSION**
	7:30-8:20	**INDUSTRIAL BAKERIES, "COTTAGE FOOD" & PRETREATMENT** *Chelsey Weaver, City of Phoenix, AZ*	**2107**
	8:30-9:20	**THE BUILDING BLOCKS OF FOG, HOW TO IMPLEMENT A FOG CONTROL PLAN** *Joseph Jenkins, EEC Environmental*	**2207**
	9:40-10:30	**WHAT'S THAT SMELL? MANAGING H2S** *Rick Allen, BioLynceus Environmental Solutions*	**2307**
	10:40-11:30	**STONE BREWERY - AN INDUSTRIAL BREWING TREATMENT PLANT OVERVIEW** *Charlie Arnold, Stone Brewing Co*	**2407**
	1:00-1:50	**2017 - A VINTAGE YEAR FOR FIELD INVESTIGATIONS** *John Boyd, Los Angeles County Sanitation Districts*	**2507**
	2:00-2:50	**COMPLIANCE ISSUES FOR CANNABIS CULTIVATION** *Arthur Deicke and Chris Murray, Environmental Pollution Solutions LLC*	**2607**
	3:00-3:50	**EPA PRETREATMENT UPDATE** *Amelia Whitson, U.S. Environmental Protection Agency, Pacific Southwest Region*	**2707**
	SURFACE WATER & WATER TREATMENT **Raj Chavan, Chair/Blake Gonska, Co-Chair**	**NAPA C & D**	**SESSION**
	7:30-8:20	**TURBIDITY - HISTORY, MEASUREMENT, AND CURRENT TECHNOLOGIES** *Randy Turner, SWAN Analytical USA*	**2114**
	8:30-9:20	**TECHNIQUES FOR ACCURATE MEASUREMENT OF LOW-LEVEL TURBIDITY SAMPLES** *Peter Strimple, INFRAMARK*	**2214**
	9:40-10:30	**HEXAVALENT CHROMIUM REMEDIATION: AFFORDABLE & RELIABLE Cr(VI) TREATMENT** *Vladimir Dozortsev and Tom Williams, Aqua Metrology Systems*	**2314**
	10:40-11:30	**FUNDAMENTALS OF DISINFECTION 101** *Steven Winfree, Stantec*	**2414**
	1:00-1:50	**CHEMICAL METERING PUMP AND ACCESSORIES** *Richard Hopkins, Hopkins Technical Products, Inc.*	**2514**
	2:00-2:50	**COMPARISON OF LASER TURBIDITY TO PARTICLE COUNTS** *Roger Sedlacek and Dr. Cary Jackson, HACH*	**2614**
	3:00-3:50	**USING PARTICLE COUNTERS W/TURBIDIMETERS TO OPTIMIZE PERFORMANCE** *John Clark, Chemtrac*	**2714**

7:00 A.M. - 7:30 A.M. - JAVA JOLT
11:30 A.M. - 1:00 P.M. - LUNCH
9:20 A.M. - 9:40 A.M. - JAVA JOLT

2018 TRI-STATE SEMINAR PROGRAM AGENDA

WEDNESDAY, SEPTEMBER 26, 2018

7:00 A.M. - 7:30 A.M. - JAVA JOLT	**STORMWATER** **Jenn Davis, Chair/Nikita Lingenfelter, Co-Chair**	**BOWLING CENTER SQUAD ROOM**	**SESSION**
7:30-8:20	**STORMWATER MANAGEMENT: IT'S EVERYONES RESPONSIBILITY** *Scott Mitchell, City of Lake Havasu, AZ*		**2113**
8:30-9:20	**MAKING A WET SUBJECT A HOT TOPIC! TRAINING TECHNIQUES THAT MOTIVATE** *T. Luke Owen, NPDES Stormwater Training Institute*		**2213**
9:40-10:30	**WHAT STORMWATER CERTIFICATION DO I NEED?** *Misti Burkman and Kaelah Chaney, CDM Smith*		**2313**
10:40-11:30	**THE NEW FACE OF STORMWATER MANAGEMENT** *Bill Dean, BCK Programs, LLC*		**2413**
1:00-1:50	**WAIT! DIDN'T WE ALREADY DO THAT? A PROGRESSIVE NEED TO PROMOTE SW GOALS** *Theresa Jones, City of Reno, NV*		**2513**
2:00-2:50	**WATER SAMPLING** *John Cummings, NV5, Inc.*		**2613**
3:00-3:50	**CONDUCTING WET WEATHER INSPECTIONS IN AN ARID ENVIRONMENT** *Misty Burkman and Christina Grijalva, CDM Smith*		**2713**
	WASTEWATER COLLECTIONS **Stephen Johns, Chair/Sal Cruz, Co-Chair**	**SONOMA A & B**	**SESSION**
7:30-8:20	**CHOOSING THE BEST GAS DETECTOR/CALIBRATION & BUMP TEST** *Michael Calvo, GfG Instrumentation*		**2102**
8:30-9:20	**PUMPS 201** *Chris Augustine, Stantec*		**2202**
9:40-10:30	**DIGITAL SIDE-SCANNING TECHNOLOGY** *Matthew Olson, CUES, Inc.*		**2302**
11:30 A.M. - 1:00 P.M. - LUNCH			
10:40-11:30	**VACUUM TRUCK DEWATERING REVOLUTION-WATER RECYCLING** *David Haynes, Super Products, LLC*		**2402**
1:00-1:50	**APPROPRIATE CLEANING PIPE METHODS FOR DIFFERENT SEWER PIPE MATERIALS** *Jeffrey Boschert, National Clay Pipe Institute*		**2502**
2:00-2:50	**WHEN ONE PLUS ONE EQUALS THREE- HOW DATA FUSION MAKES LIFE EASIER** *Greg Quist, SmartCover Systems and Rincon Water District*		**2602**
3:00-3:50	**REDUCING I&I TRHOUGH MAINLINE CIPP LINING, MANHOLE LINING & LATERAL REPAIRS** *Travis Fisher, Ojai Valley Sanitary District*		**2702**
	SAFETY/HEALTH/SECURITY **James Taylor, Chair/ Frederick Tack, Co-Chair**	**BRUNSWICK ROOM**	**SESSION**
7:30-8:20	**SAFETY AT THE WORKPLACE: ACTIVE SHOOTER - PART 1** *Rick Buffington, Riverside Sheriff Department*		**2108**
8:30-9:20	**SAFETY AT THE WORKPLACE: ACTIVE SHOOTER - PART 2** *Rick Buffington, Riverside Sheriff Department*		**2208**
9:40-10:30	**ARC FLASH ASSESSMENTS & REQUIREMENTS IN ELECTRICAL SAFETY PROGRAMS** *Greg Hollingsworth, Masters Compilance Consulting*		**2308**
10:40-11:30	**TRENCHING & SHORING AWARENESS AND SAFETY** *Bret Druesne, United Rentals*		**2408**
1:00-1:50	**CONFINED SPACE AWARENESS TRAINING** *TBD, United Rentals*		**2508**
9:20 A.M. - 9:40 A.M. - JAVA JOLT			
2:00-2:50	**INTERNAL SAFETY AUDITING PROGRAM DEVELOPMENT** *James Taylor, GHD Inc.*		**2608**
3:00-3:50	**HOW TO ESTABLISH INTERNSHIPS AT YOUR UTILITY** *Steven Chavis, Napa Sanitation District*		**2708**
	WATER DISTRIBUTION **Ken Snow, Chair/Steve Davis, Co-Chair**	**GRAND BALLROOM A**	**SESSION**
7:30-8:20	**CHLORAMINE RESIDUAL OPTIMIZATION AND MANAGEMENT** *Kevin Sanner and Andrew Seidel, UGSI Solutions*		**2111**
8:30-9:20	**ACTIVE CONTROL OF THM LEVELS IN DRINKING WATER & DISTRIBUTION SYSTEMS** *Ethan Brooke, PAX Water*		**2211**
9:40-10:30	**WATER SYSTEM RESILIENCY DURING SYSTEM UPSET** *Joseph C. Smith, Jr., Town of Gilbert, AZ*		**2311**
10:40-11:30	**WATER LOSS: SAVING WATER & SAVING CAPITAL - IT'S WORTH IT** *Simon Wick, Matchpoint Water Asset Management*		**2411**
1:00-1:50	**PRE-MAINTENANCE EVALUATIONS: THE FIRST STEP** *Gregory R. "Chip" Stein, Tank Industry Consultants*		**2511**
2:00-2:50	**LIFE CYCLE COST ECONOMICS FOR SMALL WATER METER REPLACEMENT** *Stephen Davis, Metering Technology Consultants*		**2611**
3:00-3:50	**TECHNOLOGY OUT OF THIS WORLD: GEOSPATIAL DATA** *Sarah Christman, Matchpoint Water Asset Management*		**2711**

7:00 A.M. - 7:30 A.M. - JAVA JOLT
11:30 A.M. - 1:00 P.M. - LUNCH
9:20 A.M. - 9:40 A.M. - JAVA JOLT

2018 TRI-STATE SEMINAR PROGRAM AGENDA

WEDNESDAY, SEPTEMBER 26, 2018

LABORATORY Julia Lew, Chair/Dana LaRance, Co-Chair		MONTEREY BAY	SESSION
7:30-8:20	**LEGALLY DEFENSIBLE LABORATORY DATA** *Michelle Wade, Wade Consulting and Solutions*		**2103**
8:30-9:20	**LABORATORY TURBIDITY: HOW TO ENSURE ACCURACY & REPEATABILITY** *Roger Sedlacek, HACH*		**2203**
9:40-10:30	**QC & TROUBLESHOOTING FOR pH, DO, CHLORINE & TURBIDITY ANALYSES** *Peter Strimple, INFRAMARK*		**2303**
10:40-11:30	**ONLINE AMPEROMETRIC CHLORINE ANALYZERS - DO THEY WORK?** *John Clark, Chemtrac*		**2403**
1:00-1:50	**MICROSCOPIC BIOLOGICAL SURVEYS (MBS) & WHY THEY ALWAYS MATTER** *Ken Burgener, NDSD*		**2503**
2:00-2:50	**LEGIOLERT: A TOOL TO UNDERSTAND THE RISK OF LEGIONNAIRES' IN WATER SYSTEMS** *Shawn Dubois, IDEXX*		**2603**
3:00-3:50	**CORRELATIONS BETWEEN BOD5 AND TOC IN WASTEWATER** *Dana LaRance, City of Henderson, NV*		**2703**

2018 TRI-STATE SEMINAR PROGRAM AGENDA

THURSDAY, SEPTEMBER 27, 2018

7:00 A.M. - 7:30 A.M. - JAVA JOLT

11:30 A.M. - 1:00 P.M. - LUNCH

9:20 A.M. - 9:40 A.M. - JAVA JOLT

MAINTENANCE Dave Badgley, Chair/Rick Jesmok, Co-Chair		GRAND BALLROOM B	SESSION
7:30-8:20	**GIS UTILITY MANAGEMENT FOR LOCAL GOVERNMENTS** *Erik Greene, City of Hesperia, CA*		3106
8:30-9:20	**WHAT OWNERS & ENGINEERS SHOULD KNOW TO ELIMINATE CORROSION ABOVE THE WATER LINE**		3206
9:40-10:30	**MANAGING WATER STORAGE IN EXTREME ENVIRONMENTS** *Sharla Gibson, Atkins-Member of the SNC-Lavalin Group*		3306
10:40-11:30	**CONDITION ASSESSMENT & ASSET MGMT. ALTERNATIVES FOR SMALL AGENCIES** *David Martin, The PRD Group, Inc.*		3406
1:00-1:50	**HYDRAULIC AERATION AND ODOR CONTROL** *Richard St-Aubin, IPEX USA, LLC*		3506
2:00-2:50	**LADDER SAFETY TRAINING: ONE WRONG STEP CAN KILL** *Nick Kato, Town of Gilbert, AZ*		3606
3:00-3:50	**ELECTRICAL SAFETY & MAINTENANCE PER NFPA 70E** *John Hagstrom, Electrical Reliability Services, Inc.*		3706
GROUNDWATER AND RECHARGE **Geno Mammini, Chair**		**SONOMA C**	**SESSION**
7:30-8:20	**A BROKEN RECHARGE FACILITY, ANGRY CUSTOMERS, & A CONSTRUCTED SOLUTION** *Eric Braun, Town of Gilbert, AZ*		3104
8:30-9:20	**HOW TO WRITE THE PERFECT WATER WELL REDEVELOPMENT SPECIFICATION** *Michael Bodart, General Pump Company, Inc.*		3204
9:40-10:30	**THREE Ps FOR EFFECTIVE & RESILIENT WATER WELL REHABILITATION - PART 1** *Don Hanson, Clear Creek Assoc. and Todd Eden, HCT, LLC*		3304
10:40-11:30	**THREE Ps FOR EFFECTIVE & RESILIENT WATER WELL REHABILITATION - PART 2** *Don Hanson, Clear Creek Assoc. and Todd Eden, HCT, LLC*		3404
1:00-1:50	**OPERATING DATA & LESSONS LEARNED FROM MICROVI NITRATE REMOVAL SYSTEM** *Kirsten Sims, WesTech Engineering*		3504
2:00-2:50	**SLUG TESTS TO OPTIMIZE GROUNDWATER WELL DESIGN** *Geno Mammini, Clear Creek Associates*		3604
3:00-3:50	**MONITORING & REPORTING FOR RECHARGE FACILITIES IN NEW MEXICO** *Liie Hill, Daniel B. Stephens & Associates*		3704
SURFACE WATER & WATER TREATMENT **Raj Chavan, Chair/Blake Gonska, Co-Chair**		**NAPA C & D**	**SESSION**
7:30-8:20	**USE OF MIXED OXIDANTS TO IMPROVE WQ IN A DISTRIBUTION SYSTEM** *Robert Newton, Johnson Matthey - MIOX*		3105
8:30-9:20	**FILTRATION AT ITS FINEST** *Regina Dennis and Brittany Radke, Stantec*		3205
9:40-10:30	**ONLINE INSTRUMENT FOR RAW-WATER THM PRECURSOR ANALYSIS** *Rick Bacon, Aqua Metrology Systems*		3305
10:40-11:30	**REMOVAL OF PERFLUORINATED CHEMICALS (PFCs) FROM GROUNDWATER** *Harsh Ashani, Greeley and Hansen and Onur Apul, UMASS Lowell*		3405
1:00-1:50	**PASS ON THE PEPTO, WE HAVE UV** *Patrick Bollman, Evoqua Water Technologies*		3505
2:00-2:50	**LIQUID IONIC COPPER OFFERS 3-FOR-1 AS DRINKING WATER PRE-TREATMENT** *David Hammond, Earth Science Labs, Inc.*		3605
3:00-3:50	**ON-SITE HYPOCHLORITE GENERATION: A DISINFECTION ALTERNATIVE** *Gunnar Thordarson, UGSI Process Solutions*		3705
WATER DISTRIBUTION **Ken Snow, Chair/Steve Davis, Co-Chair**		**GRAND BALLROOM A**	**SESSION**
7:30-8:20	**UNDERSTANDING WATER SYSTEM DISINFECTION** *Liie Hill, Daniel B. Stephens & Associates*		3111
8:30-9:20	**WHAT IS HAPPENING IN THE WORLD OF AMI?** *Kevin Barnes, Ferguson Waterworks*		3211
9:40-10:30	**HOW THE CITY OF ELMHURST ATTACKED UFW** *Paul Burris, City of Elmhurst, IL and Erin Perry, Siemans*		3311
10:40-11:30	**THE ROLE OF "SMART TANKS" IN DISTRIBUTION WATER QUALITY MANAGEMENT** *Kevin Sanner and Andrew Seidel, UGSI Solutions*		3411
1:00-1:50	**DISTRIBUTION SYSTEM MAINTENANCE** *Liie Hill, Daniel B. Stephens & Associates*		3511
2:00-2:50	**ICE PIGGING - CLEANING MAINS WITH ICE** *Keith Jones and Paul Treloar, Suez-Advanced Solutions*		3611
3:00-3:50	**AIR IN PIPES: CASE STUDIES** *Chris MacDonald, CPM*		3711

2018 TRI-STATE SEMINAR PROGRAM AGENDA

THURSDAY, SEPTEMBER 27, 2018

7:00 A.M. - 7:30 A.M. - JAVA JOLT

RECLAIM/REUSE Michael Hansford, Chair	NAPA A & B	SESSION
7:30-8:20	THE FRAMEWORK FOR POTABLE REUSE IN ARIZONA *Timothy Thomure, Tucson Water*	3109
8:30-9:20	PIPELINE CHALLENGES IN ENVIRONMENTAL AREAS OF CONCERN *Rick Allen, BioLynceus Environmental Solutions*	3209
9:40-10:30	TERTIARY FREE CHLORINE DISINFECTION DEMO - CITY OF BRENTWOOD WWTP	3309
10:40-11:30	KEEP CALM & CONSERVE: WATER CONVERSATION IN AN ARID ENVIRONMENT *Chris Elliott, USMC 29 Palms Environmental Affairs*	3409
1:00-1:50	YUMA DESALTING PLANT: PAST, PRESENT, AND FUTURE *Luis Cruzado, Bureau of Reclamation*	3509
2:00-2:50	INCREASING INFLUENT FLOWS TO GW REPLENISHMENT SYSTEM - OCSD *Umesh Murthy, Orange County Sanitation District*	3609
3:00-3:50	TURBIDITY METERS FOR DETERMINING CONTINUOUS MEMBRANE INTEGRITY IN MBRs *Dave Commons, HACH and Frasier Speaks, City of North Las Vegas NV*	3709

11:30 A.M. - 1:00 P.M. - LUNCH

WASTEWATER COLLECTIONS Stephen Johns, Chair/Sal Cruz, Co-Chair	SONOMA A & B	SESSION
7:30-8:20	GOLF COURSE SEWER CLEANING SOLUTION *Rusty Nezat, Jigawon, Inc.*	3102
8:30-9:20	CONFUSIONS AND SOLUTIONS WITH SPECIALTY COATINGS *Gregory Wallace, Kerneos, Inc.*	3202
9:40-10:30	GRAVITY SEWER REHABILITATION DESIGN *Firat Sever, QuakeWrap, Inc.*	3302
10:40-11:30	FATS, OILS, AND GREASE CONTROL THROUGH UP-STREAM TREATMENT *John Rowe, Office of Water Programs at Sacramento State*	3402
1:00-1:50	USING HYDROXLY RADICALS TO TREAT ODORS *Jennifer Kirkpatrick, Vapex Environmental Technologies*	3502
2:00-2:50	PRE-TREATMENT OF WW STREAMS BY DO ADDITION & SEWAGE AGITATION *Jesse Black, Construction Product Marketing*	3602
3:00-3:50	HOW A NOVEL PLANT-BASED DEGREASER & LARGE BUBBLE MIXER REDUCED O&M *Patrick Antle, Protein Matrix*	3702

9:20 A.M. - 9:40 A.M. - JAVA JOLT

WASTEWATER TREATMENT LeAnna Risso, Chair	BRUNSWICK ROOM	SESSION
7:30-8:20	MATH MADE EASY AND OTHER LIES -PART 1 (AREAS) *Paul Krauth, Statepoint Engineering*	3112
8:30-9:20	MATH MADE EASY AND OTHER LIES -PART 2 (VOLUMES) *Paul Krauth, Statepoint Engineering*	3212
9:40-10:30	MATH MADE EASY AND OTHER LIES -PART 3 (FLOW RATES) *Paul Krauth, Statepoint Engineering*	3312
10:40-11:30	MATH MADE EASY AND OTHER LIES -PART 4 (DETENTION TIMES) *Paul Krauth, Statepoint Engineering*	3412
1:00-1:50	MATH MADE EASY AND OTHER LIES -PART 5 (PUMPING HORSEPOWER) *Paul Krauth, Statepoint Engineering*	3512
2:00-2:50	MATH MADE EASY AND OTHER LIES -PART 6 (DOSING) *Paul Krauth, Statepoint Engineering*	3612
3:00-3:50	MATH MADE EASY AND OTHER LIES -PART 7 (PUTTING IT ALL TOGETHER) *Paul Krauth, Statepoint Engineering*	3712

The workbook used last year will be used again this year. If you bought one last year and plan to attend any of the Math sessions, please bring your book with you. A **limited** supply of workbooks will be available for purchase at the door for $10 (cash only)

HANG ONTO YOUR BADGE ONCE THE SEMINAR IS OVER, YOU WILL NEED YOUR CONFIRMATION NUMBER TO RETRIEVE YOUR CEU / PDH CERTIFICATE

SAVE-THE-DATE - 35th Annual Tri-State Seminar: September 24-26, 2019

2018 TRI-STATE SEMINAR OPTIONAL TOURS

TUESDAY, SEPTEMBER 25, 2018

	TOURS		SESSION
7:30-2:00	**HOOVER DAM TOUR** **(lunch on your own at Dam)** *Guided Tour* **Cost: $65 per person (limited to 54 people)**	**Bus Loading - South Point**	**1901**

WEDNESDAY, SEPTEMBER 26, 2018

	TOURS		SESSION
8:30-3:00	**SPRINGS PRESERVE TOUR** **(lunch on your own at the Preserve)** *Guided Tour* **Cost: $50 per person (limited to 54 people)**	**Bus Loading - South Point**	**2901**
1:30-3:50	**VENETIAN HOTEL AND CASINO TOUR -** **Robust Recycling Program** *Guided Tour* **Cost: $30 per person (limited to 20 people)**	**Bus Loading - South Point**	**2902**

THURSDAY, SEPTEMBER 27, 2018

	TOURS		SESSION
9:30-11:50	**VENETIAN HOTEL AND CASINO TOUR** **-Robust Recycling Program** *Guided Tour* **Cost: $30 per person (limited to 20 people)**	**Bus Loading - South Point**	**3902**

2018 TRI-STATE SEMINAR OPTIONAL WORKSHOPS

MONDAY, SEPTEMBER 24, 2018

	WORKSHOP CERTIFICATION		SESSION
7:30-3:50	**1-DAY CLASS** **NASSCO PACP RE-CERTIFICATION --$625** *Marilyn Shepard, NASSCO Master Trainer*	PALM	0813
1:00-3:50	**1/2-DAY CLASS** **MS4 COMPLIANCE AND CODE ENFORCEMENT INSPECTOR RE-CERTIFICATION (CCEI) --$150** *T. Luke Owen, NPDES Stormwater Training Institute*	CYPRESS	0814

IMPORTANT PACP POLICY

Certification shall be valid for a period of 3 years from the date of issuance. PACP Users who are not re-certified within this 3-year period shall be afforded a 1-year grace period during which they are eligible to attend a re-certification class. If certification lapses beyond the 1-year grace period, those individuals may only become certified by successfully passing the initial PACP Certification Class.

Note:

1. Individuals who are within the 1-year grace period are NOT considered certified.
2. Individuals who were certified in MACP and LACP, but fail to re-certify in PACP within the 1-year grace period, may only be MACP or LACP certified by successfully passing the initial MACP

TUESDAY, SEPTEMBER 25, 2018

	WORKSHOP CERTIFICATION		SESSION
7:30-3:50	**2-DAY CLASS** **NASSCO PIPES (PACP) CERTIFICATION ASSESSMENT PROGRAM--$825** (see Thursday workshop listing for MACP & LACP) *Marilyn Shepard, NASSCO Master Trainer*	PALM	1815
7:30-3:50	**1.5-DAY CLASS** **OSHA 10-HOUR CONSTRUCTION COURSE--$75** *Carlos Paiz - Coachella Valley Water District*	JOSHUA	1816
7:30-3:50	**MS4 COMPLIANCE & CODE ENFORCEMENT INSPECTOR (CCEI)--$255** *T. Luke Owen, NPDES Stormwater Training Institute*	CYPRESS	1817

2018 TRI-STATE SEMINAR OPTIONAL WORKSHOPS

WEDNESDAY, SEPTEMBER 26, 2018

	WORKSHOP CERTIFICATION		SESSION
7:30-3:50	**2-DAY CLASS** NASSCO PIPES (PACP) CERTIFICATION ASSESSMENT PROGRAM--$825 (see Thursday workshop listing for MACP & LACP) *Marilyn Shepard, NASSCO Master Trainer*	PALM	2815
7:30-11:30	**1.5-DAY CLASS** OSHA 10-HOUR CONSTRUCTION COURSE--$75 *Carlos Paiz - Coachella Valley Water District*	JOSHUA	2816

THURSDAY, SEPTEMBER 27, 2018

	WORKSHOP CERTIFICATION		SESSION
7:30-11:30	NASSCO MACP CERTIFICATION --$100 (PACP IS A PRE-REQUISITE FOR THIS CLASS) *Marilyn Shepard, NASSCO Master Trainer*	PALM	3815
1:00-3:50	NASSCO LACP CERTIFICATION --$100 (PACP IS A PRE-REQUISITE FOR THIS CLASS) *Marilyn Shepard, NASSCO Master Trainer*	PALM	3816

SPECIAL EVENTS

At Tri-State Seminar we realize that sometimes the most educational discussions happen o
with other water professionals. Sharing stories and experiences and referring vendors fror
valuable aspects of our seminar.

We have several of these opportunities organized and available to our attendees for free a
fee. Choose from the following or organize your own networking:

Monday, September 24, 2018

- Welcome Reception/Pool Party

Tuesday, September 25, 2018

- Golf Tournament at Revere Golf Club
- Hoover Dam Tour - SOLD OUT
- Exhibit Hall

Wednesday, September 26, 2018

- Springs Preserve Tour
- Venetian Hotel/Casino Tour
- Young Professionals Luncheon (invitation only)
- Exhibit Hall

Thursday, September 27, 2018

- Venetian Hotel/Casino Tour

Hotel and Travel
Accommodations

Event Name/Date:

WaterSmart Innovations Conference & Exposition 2018 October 3 - 5, 2018 Las Vegas, Nevada

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CONTACT INFORMATION

First Name | Last Name | Date

ACCOMMODATION INFORMATION

Rooms and rates are subject to availability. Complete and submit this form as soon as possible to guarantee a room at the host hotel. In the event that the host hotel is booked, every effort will be made to secure a room at the closet hotel within comparable rates to the event discounted rate.

Arrival Date | Departure Date | No. of guests | Room Type

Do you require a smoking room?

○ Yes ○ No

Do you need transportation from the airport to the hotel?

○ Yes ○ No

Flight Number | Time

ADDITIONAL INFORMATION/REQUESTS

Staff Representative



Welcome to WaterSmart Innovations 2018 Registration

Please read the important information below and then continue to registration.

What to | Release | Registration | Badge | Pre- | Tours | Payment

What to Expect

Continue to Registration

Full Conference Registration

Full Registration includes: professional sessions, opening session, AWE and EPA Awards Luncheon, breaks, unlimited exhibit hall admission and Thursday night's exhibit hall cocktail reception.

Full Conference Registration is $395.00.

Exhibits Only Registration

An Exhibits Only badge includes unlimited exhibit hall admission.

Hotel:

South Point Hotel and Conference Center
9777 Las Vegas Blvd. South
Las Vegas, NV 89123

WaterSmart Innovations is being held at the South Point Hotel and Conference Center located in the heart of the premiere southwest Las Vegas valley, just minutes away from the famous Las Vegas Strip. Some of our many amenities include a 16-screen Century Theatre movie complex, 64-lane bowling center and a handful of restaurants that cater to all appetites and tastes. Our casino features a large selection of table games and the latest slot and video poker machines. Our distinctive hotel features spacious rooms and suites with 42-inch LED televisions, Point Plush mattresses and Wireless Fidelity throughout. A unique feature to this property is its Equestrian Center, which is the finest horse facility in the country. South Point also has a fabulous 400-seat showroom that features headliner entertainment and dancing to live bands on weekends. Stop by the South Point Hotel, Casino and Spa today, we are sure you will want to stay.

Reservations for hotel rooms will begin in May 2018.

Upgraded rooms available at a $10 per night fee. Click here for information on Renovated guest rooms.

Room Rates :

Sunday - Thursday: $90.00 13.38% Room Tax (Room Tax Subject to Change)

Friday & Saturday: $120.00 13.38% Room Tax (Room Tax Subject to Change)

Please note that on your hotel registration confirmation it will appear that a $21.00 resort fee will be charged. The hotel has implemented the resort fee; however the fee has been waived for the 2018 WSI Conference attendees.

Reservations must be made by September 10, 2018 to receive Group rates and benefits.

To reserve your room please call the South Point directly at 866-791-7626. Reference group code WAT2018 for best rates available. To reserve your room online, please use this link.

WaterSmart Innovations Conference and Exposition 2018

October 3 - 5, 2018
South Point Hotel and Conference Center
9777 South Las Vegas Boulevard
Las Vegas, NV 89183

The 11th annual WaterSmart Innovations Conference and Exposition, Oct. 3-5, 2018 in Las Vegas, is a premier venue to showcase new water-efficiency technology; build and strengthen effective, interdisciplinary relationships; and establish your company as an international leader in innovative water efficiency technology and services. Visit WaterSmartInnovations.com for more information.

Schedule:

At WaterSmart Innovations, attendees will connect with the resources they need in an atmosphere of networking, collaboration and learning. The conference offers a wide range of professional and poster sessions, pre-show workshops, post-show technical tours and an expansive exhibit hall.

- **Tuesday, October 2**

8:00 am - 12:00 pm	Pre-show workshops
8:00 am - 5:00 pm	Exhibitor setup
8:00 am - 5:00 pm	Exhibitor registration open (Conference Area)
8:30 am - 3:30 pm	AWE Committee Meeting
12:00 pm - 5:00 pm	Conference registration open
1:00 pm - 5:00 pm	Pre-show workshops
5:15 pm - 7:30 pm	AWE Annual Meeting

- **Wednesday, October 3**

7:00 am - 9:00 am	SWAT Roundtable meeting
8:00 am - 5:00 pm	Conference registration open
9:15 am - 10:15 am	Keynote opening session

10:15 am - 12:00 pm	Coffee break & Give-away drawings, WSI 2018 Expo Hall
10:15 am - 5:00 pm	Expo Hall open
11:00 am - 12:00 pm	Poster sessions, WSI 2018 Expo Hall
1:00 pm - 5:05 pm	Professional sessions
2:10 pm - 3:15 pm	Coffee break & Give-away drawings, WSI 2018 Expo Hall

- **Thursday, October 4**

8:00 am - 5:00 pm	Conference registration open
9:00 am - 11:30 am	Professional sessions
11:30 am - 1:30 pm	Luncheon - AWE/EPA WaterSense Awards
1:30 pm - 2:15 pm	Give-away drawings, WSI 2018 Expo Hall
1:30 pm - 6:30 pm	Expo Hall open
2:15 pm - 4:45 pm	Afternoon professional sessions
4:45 pm - 5:45 pm	Poster sessions, WSI 2018 Expo Hall
4:45 pm - 6:30 pm	Sponsored cocktail reception, and Give-away Drawings, WSI 2018 Expo Hall
7:00 pm - 8:30 pm	Booth dismantle

- **Friday, October 5**

8:00 am - 12:05 pm	Booth dismantle
8:00 am - 12:05 pm	Conference registration open
9:00 am - 9:30 am	Professional sessions
9:40 am - 11:10 am	Professional panels
9:45 am	Mega Resort tour check in at Conference registration lobby
10:00 am - 5:00 pm	Technical tours
11:30 am	Springs Preserve and Wetlands tour check in at Conference registration lobby
11:30 am	Hoover Dam tour check in at Conference registration lobby

Schedule subject to change without notice.

Pre-show workshops:

Several pre-show workshops scheduled for Tuesday, October 2, will provide water-efficiency professionals with added bang for their WSI buck. Although not included in the WSI conference registration fee, the pre-show workshops cover a range of topics of interest to professionals working in a broad spectrum of disciplines. Each half-day workshop is $50.00. Full-day workshops are $80.00. Participants have the option of taking both the Conservation 101 and Cost-Benefit Analysis workshops for the discounted rate of $80. You will have the opportunity to sign up for them in the registration process. If you are not attending the full conference, you can register as a guest or Expo only and add the workshop to your registration.
Check out the workshop schedule and get more information about these valuable learning opportunities here.

Date/Time/Room	Name	Speaker	Price
Tuesday, October 2 8:00 am - 12:00 pm Napa A	Water Conservation 101: Get Ready, Set and Go!	Amy Vickers, Amy Vickers & Associates, Inc.	$50.00
Tuesday, October 2 8:00 am - 12:00 pm Napa C	Cooling Towers	Mark Gentili, Los Angeles Department of Water and Power	$50.00
Tuesday, October 2 8:00 am - 5:00 pm Napa D	ICI Water Conservation Program	Bill Hoffman, H.W.(Bill) Hoffman & Associates,LLC	$80.00
Tuesday, October 2 1:00 pm - 5:00 pm Napa A	Benefit - Cost Analysis	William Maddaus, Maddaus Water Management Inc. Michelle Maddaus, Maddaus Water Management Inc.	$50.00

Water Conservation 101: Get Ready, Set and Go!

Presenters:
Amy Vickers, Amy Vickers & Associates, Inc.

For water efficiency beginners, experienced managers, and all other interested parties, this workshop will provide an overview of the essential ingredients and steps involved in developing a successful water conservation plan and program. An overview of the latest in water-saving technologies, policies, analytical models and software tools (e.g., AWE Water Conservation Tracking Tool, AWWA Water Audit software, and EPA WaterSense Water Budget Tool) will be provided along with case studies and other tips to connect and thrive in the world of water conservation and efficiency. "How to" steps and topics to be covered will include:

1. Definitions of a Successful Water Conservation Program
2. Water-Saving Goals
3. Data Analytics: Customer and System Water Use Profiles
4. State-Of-The-Art In Water-Saving Measures And Incentives
5. Potential Water Savings, Benefits And Costs
6. Water Conservation Planning-Budget, Staffing, Schedule
7. Program Implementation
8. Program Monitoring and Evaluation
9. Water Conservation Network
10. Southern Nevada Water Authority: Program Overview

Cooling Towers

Presenters:
Mark Gentili, Los Angeles Department of Water and Power

4-hour pre-show workshop where attendees will learn about the water savings potential for cooling tower/evaporative condenser projects.

1. Where are Cooling Towers and Evaporative Condensers and how do they function?

2. Cooling Tower/Evaporative Condenser tonnage calculations

3. Why is Cooling Tower/Evaporative Condenser water treated?

4. Reading and analyzing water treatment reports

5. Cycles of concentration- the key to water conservation

6. Water savings calculations

7. The importance of metering

8. How much work is involved in monitoring a cooling tower project?

9. State of the art water treatment and monitoring equipment

10. New and old types of water treatment systems

The course content and visuals are from actual, recent, cooling tower/evaporative condenser projects done by Los Angeles Department of Water and Power commercial customers. The workshop is geared to teach Water Conservation employees about the potential water savings with cooling towers and evaporative condensers.

ICI Water Conservation Program

Presenters:
Bill Hoffman, H.W.(Bill) Hoffman & Associates,LLC

The workshop will be a one-day workshop that will provide an overview of both the technology of ICI water conservation and provide examples of ways to establish, and finance programs. This will include ways that utilities can use ICI programs to "buy back" capacity in their systems to accommodate growth without having to expand water supplies or treatment systems.

Benefit - Cost Analysis

Presenters:
William Maddaus, Maddaus Water Management Inc.
Michelle Maddaus, Maddaus Water Management Inc.

A half day workshop will be held to educate participants with how to conduct a cost-benefit analysis of water conservation measures. This workshop has been given successfully at the International Water Demand Management Conference held in Jordan in June 2004 and International Water Association Efficient 2005 Conference in Santiago, Chile, AWWA Water Sources Conference 2006 in Albuquerque, AWWA Water Sources Conference 2008 in Reno, Nevada, AWWA Sustainable Water Management Conference 2010 in Albuquerque New Mexico and .the Water Smart Innovations Conference 2012 in Las Vegas

Benefit-Cost analysis has been used for years to prioritize water conservation measures. Individual water conservation measures are considered to be cost-effective when benefits exceed

costs. Once individual measures have been found to be cost-effective, they can be combined into an overall water conservation program. Benefit-Cost analysis depends on accurate forecasts of conservation measure water savings, costs, and benefits. Benefits and costs are normally compared in a present worth analysis.

(a) Workshop Objective
Provide an understanding of how to prepare a cost-benefit analysis of conservation measures and then use the results to select a cost-effective conservation program.

Pre-show workshops:

Showcasing some of Southern Nevada's more prominent water-efficiency practices and water resources, WaterSmart Innovations invites conference attendees to participate in technical tours Friday, October 5.

Springs Preserve tour is $25 and all others are $35 per registered WSI 2018 participant. Tours will depart from the South Point Hotel and Conference Center. We recommend you wear comfortable clothing and shoes (no flip-flops, please).

Due to security measures, all tour participants will be required to present a valid photo ID (i.e. driver's license or current passport) along with their ticket as they board the bus. On-site facility personnel may also ask to see your photo ID.

If you want to bring a guest, please have the guest complete a separate registration, select the Expo only badge, select the tour, and complete the registration.

The number of participants is limited for each of these popular facility tours, so register early. Registration opens May 1, 2018.



Springs Preserve

Friday, October 5, 11:45 am - 5:00 pm

Available: 28, Used: 8

Green isn't just a color, it's a way of life. The 180-acre Springs Preserve is a world-class center for sustainable living. This tour highlights sustainable technologies that make the Springs Preserve the largest Platinum LEED rated commercial building in the Southwest. Structures include innovative construction techniques such as rammed earth and hay bales. A constructed wetland captures and treats all wastewater onsite, then reuses the treated water to flush toilets. Eight acres of beautiful desert gardens highlight opportunities for responsible use of landscape water. This tour includes complimentary lunch at the Springs Preserve Divine Cafe, with a gorgeous overlook view of the facility and the Las Vegas Strip in the distance. Check in by 11:30 a.m., depart at 11:45 a.m.; return to hotel by 5 p.m.



Hoover Dam

Friday, October 5, 11:45 am - 5:00 pm

Available: 20, Used: 15

Hoover Dam-built during the Great Depression to "tame" the Colorado River-still stands today as one of the world's engineering marvels. Our tour of this National Historic Landmark will include viewing the dam's huge penstocks and power plant generators, as well as rarely seen inspection galleries-tunnels that still bear inspection markings written on the walls from decades past. You'll see first-hand the impacts of drought upon North America's largest man-made reservoir, Lake Mead. Tour does not include lunch, please eat before departure or you can bring your lunch to eat on the bus. Water will be provided. Check in at 11:30 a.m.; depart at 11:45 a.m.; return to hotel by 5 p.m.



Wetlands Park

Friday, October 5, 11:45 am - 5:00 pm

Available: 22, Used: 2

The largest oasis of green in the Las Vegas Valley isn't a golf course or a park, it's the Las Vegas Wetlands Park. This historic drainage has been transformed over the last two decades through a collaborative effort involving nearly 30 agencies and thousands of community volunteers. With an average flow of about 200 million gallons per day, most of which is discharge from the valley's four wastewater treatment plants, this waterway was once a heavily-eroded channel dominated by invasive salt cedar and littered with illegal dump sites. Today, the Wetlands is a natural preserve teeming with native wildlife. In addition to the visible ecological benefits, the wetlands perform an important role in filtering and polishing water before it reaches the Colorado River. This waterway is a vital link in a cycle that allows Las Vegas to bolster our water supply by 70 percent through reuse, while improving the watershed, providing effective wildlife habitat and creating new recreational opportunities. Comfortable, sensible footwear is a must. Sunscreen and water will be provided. And don't forget your camera, you never know what surprises nature will offer up! Tour does not include lunch, please eat before departure or you can bring your lunch to eat on the bus. Check in at 11:30 p.m.; depart at 11:45 p.m.; return to hotel by 5 p.m.



Mega-Resort Efficiency Tour

Friday, October 5, 10:00 am - 1:30 pm

Available: 24, Used: 6

Located on the legendary Las Vegas Strip, The Palazzo Resort is part of a master-planned development which combines The Palazzo and the Sands Expo and Convention Center to form the largest LEED-rated green building on the planet. Join us on a "behind-the-curtain" tour for a look at The Palazzo, with visits to the hotel Atrium, a luxury suite completed with energy efficient lighting and low water-use fixtures, the kitchen, recycling center and the innovative cooling system which saves 50 million gallons water a year. Learn how Las Vegas' gigantic luxury resorts capitalize on scale and know-how to be more efficient on a per-room basis than a typical chain hotel. Check in at 9:45 a.m.; depart at 10 a.m.; return to hotel by 1:30 p.m.

MINUTES OF MEETING OF THE PERSONNEL COMMITTEE OF THE PALMDALE WATER DISTRICT, MARCH 21, 2018:

A meeting of the Personnel Committee of the Palmdale Water District was held Wednesday, March 21, 2018, at 2029 East Avenue Q, Palmdale, California, in the Board Room of the District office. Chair Estes called the meeting to order at 10:00 a.m.

1) Roll Call.

Attendance:	**Others Present:**
Personnel Committee:	Dennis LaMoreaux, General Manager
Joe Estes, Chair	Robert Alvarado, PWD Director
Vincent Dino, Committee Member	Mike Williams, Finance Manager
	Jennifer Emery, Human Resources Director
	Laura Gallegos, Public Affairs Specialist
	Dawn Deans, Executive Assistant
	0 members of the public

2) Adoption of Agenda.

It was moved by Director Dino, seconded by Director Estes, and unanimously carried by all members of the Committee present at the meeting to adopt the agenda, as written.

3) Public Comments for Non-Agenda Items.

There were no public comments for non-agenda items.

4) Action Items:

4.1) Consideration and Possible Action on Approval of Minutes of Meeting Held November 21, 2017.

It was moved by Committee Member Dino, seconded by Chair Estes, and unanimously carried by all members of the Committee present at the meeting to approve the minutes of the Personnel Committee meeting held November 21, 2017, as written.

4.2) Consideration and Possible Action on Revisions to Employee Handbook. (No Budget Impact at This Time – Human Resources Director Emery)

Human Resources Director Emery provided a detailed overview of the proposed revisions to the Employee Handbook, and after a brief discussion of several revisions, it was moved by Committee Member Dino, seconded by Chair Estes, and unanimously carried by all members of the Committee present at the meeting that the Committee concurs with staff's recommended revisions to the Employee Handbook and that this item be presented to the full Board for consideration at the March 28, 2018 Regular Board meeting.

4.3) Consideration and Possible Action on Revision to Organizational Chart Moving the Customer Care Department Directly Under the General Manager Position. (No Budget Impact – Human Resources Director Emery/General Manager LaMoreaux)

Human Resources Director Emery provided an overview of the proposed revision to the Organizational Chart, and after a brief discussion of this revision, it was moved by Committee Member Dino, seconded by Chair Estes, and unanimously carried by all members of the Committee present at the meeting that the Committee concurs with staff's recommended revision to the Organizational Chart moving the Customer Care Department directly under the General Manager position and that this item be presented to the full Board for consideration at the March 28, 2018 Regular Board meeting.

4.4) Consideration and Possible Action on Changing the Job Title of One Customer Account Technician to Payroll Specialist and Revision to Salary Range for This Position. (No Budget Impact – Human Resources Director Emery/General Manager LaMoreaux)

Human Resources Director Emery provided an overview of the need to change a job title and salary range for one position, and after a brief discussion of this change, it was moved by Committee Member Dino, seconded by Chair Estes, and unanimously carried by all members of the Committee present at the meeting that the Committee concurs with staff's recommended revision to change the job title of one Customer Account Technician to Payroll Specialist and revise the salary range for this position and that this item be presented to the full Board for consideration at the March 28, 2018 Regular Board meeting.

4.5) Consideration and Possible Action on Increase to Waiver Amount From $450.00 to $650.00 for Opting Out of Palmdale Water District Healthcare Benefits Package. ($21,600.00 – Budgeted – Human Resources Director Emery)

Human Resources Director Emery provided an overview of the proposed revision for opting out of District healthcare benefits, and after a brief discussion of this revision, it was moved by Committee Member Dino, seconded by Chair Estes, and unanimously carried by all members of the Committee present at the meeting that the Committee concurs with staff's recommendation to increase the waiver amount from $450.00 to $650.00 for opting out of Palmdale Water District's healthcare benefits package and that this item be presented to the full Board for consideration at the March 28, 2018 Regular Board meeting.

4.6) Consideration and Possible Action to Extend Funding for Internship Program. (Human Resources Director Emery)

Human Resources Director Emery provided an overview of the grant funding available from the South Central Coast Regional Consortium for an Internship Program, and after a brief discussion of the benefits of the Internship Program, it was moved by Committee Member Dino, seconded by Chair Estes, and unanimously carried by all members of the Committee present at the meeting that the Committee concurs with staff's recommendation to pursue $15,000.00 in grant funding from the South Central Coast Regional Consortium for an Internship Program.

Chair Estes requested a list of past interns and their achievements be presented at a future date.

5) Information Items:

5.1) Other.

Human Resources Director Emery provided an update on the recruitment process for the Facilities Manager and Assistant General Manager positions.

She then informed the Committee that an Intern through Work Source is employed in the Customer Care Department and will be with the District for nine months.

There were no further information items.

6) Board Members' Requests for Future Agenda Items.

There were no further requests for future agenda items.

7) Adjournment.

There being no further business to come before the Personnel Committee, the meeting was adjourned at 10:35 a.m.

Chair