




Costa Mesa Sanitary District

....an Independent Special District

Memorandum

To: Board of Directors

From: Scott Carroll, General Manager 

Date: August 27, 2015

Subject: Tri-State Seminar

Summary

Tri-State Seminar is a group of water and wastewater professionals from Arizona, Nevada and California that meet once a year to share the latest information and technology in the industry. The conference is supported by the California Water Environment Association (CWEA), Nevada Water Environment Association (NWEA) and Arizona Water Association (AWA).

Staff Recommendation

That the Board of Directors approves sending Steve Cano, Wastewater Superintendent, to the Tri-State Seminar in Las Vegas, Nevada.

Analysis

This three day conference focuses on the water and wastewater industry. For wastewater collections, some of the topics that will be discussed include the following:

- Fold and Form PVC Liners
- O&M Considerations for Pressure Sewer Systems
- The Science of Pipe Cleaning
- SSO Spill Volume Estimation
- Manhole Rehabilitation Solutions
- Developing Efficient Maintenance Program.

In addition, there will be 300 exhibitors showcasing the latest technologies in the wastewater industry. Board approval is needed because this conference is being held out of California.



Strategic Plan Element & Goal

This item supports achieving the objective and strategy for Strategic Element No. 6.0, *Personnel / Organizational Management*, which states:

Objective: To employ and retain a high quality motivated workforce.

Strategy: We will do this by utilizing sound policies and personnel practices, offering competitive compensation and benefits, providing opportunities for training, development and professional growth, while ensuring a safe and secure workforce.”

Legal Review

Not applicable.

Environmental Review

Attendance at a seminar is an administrative matter and is not a disturbance of the environment similar to grading or construction and is not a project under CEQA or the District’s CEQA Guidelines.

Financial Review

The total cost for the conference is **\$633.00**, which includes airfare, hotel, registration and food. Courtesy transportation is provided by the hotel. Funding for this conference is available in the budget.

Public Notice Process

Copies of this report are on file and will be included with the entire agenda packet for the August 27, 2015 Board of Directors study session at District Headquarters and on District’s website at www.cmsdca.gov.

Alternative Actions

1. Do not approve sending Steve Cano to the conference.

Attachments A: Reasons to Attend Tri-State Seminar
B: Program Schedule

REASONS TO ATTEND

Just telling your supervisor and agency that the Tri-State Seminar is an amazing conference is not going to be enough in this day and age. So, we have put together a few tips to assist you in showing just how valuable the information you will receive is.

- 1) You will discover ideas and tools to take back to your agency. These ideas can help you deliver results and contribute to your agency achieving its goals.
- 2) You can connect with other water and wastewater professionals to share success stories, exchange ideas, and ask questions.
- 3) You can speak directly with exhibitors who offer the latest technologies and advances in the industry.
- 4) Offer to prepare and deliver a short presentation to your peers who are not able to attend. Take detailed notes and get handouts to help you.
- 5) Be ready with a plan for covering your job duties while you are at the conference.
- 6) Offer to share a room to reduce room costs and carpool (if possible) to reduce travel expenses.
- 7) Adhere to the conference deadlines to get the best rates possible!

Remember it is not about you and how much you want to go to Las Vegas for the conference; instead focus on what you will bring back to your agency as a return on their investment by sending you!





TRI-STATE SEMINAR 2015

TUESDAY, SEPTEMBER 22, 2015				
WASTEWATER TREATMENT		SONOMA C & D	SESSION	
7:30-8:20	INNOVATIVE APPROACHES TO BIOLOGICAL RETROFITS Steve Meyers, Ovivo		1110	
8:30-9:20	MANAGING H2S FOR ODORS AND CORROSION CONTROL Rick Allen, BioLynceus		1210	
9:40-10:30	OPTIMIZATION OPTIONS FOR NUTRIENT REMOVAL Ali Trollier and Kevin Menning, HACH		1310	
10:40-11:30	WASTEWATER MICROBIOLOGY PROBLEMS AND SOLUTIONS Ryan Hennessy, Microbial Discovery Group		1410	
12:50-1:40	CHEMICAL METERING PUMPS, ACCESSORIES, AND SYSTEMS Richard Hopkins, Hopkins Technical Products, Inc.		1510	
2:00-2:50	NON-CONTACT UV SYSTEMS; AN INTRODUCTION Taylor Reynolds, Enaqua		1610	
3:00-3:50	REAL SCIENCE OF POLYMER ACTIVATION Yong Kim, UGS Chemical Feed, Inc.		1710	
WATER TREATMENT AND SURFACE WATER		NAPA A & B	SESSION	
7:30-8:20	MICROFIBER CLOTHLOWERS RO SYSTEM MAINTENANCE Dave Holland, Aqua-Aerobic Systems		1114	
8:30-9:20	CHLORAMINATION FOR QUAGGA MUSSEL CONTROL Julia Lew, Southern Nevada Water Authority		1214	
9:40-10:30	TRIHALOMETHANE COMPLIANCE: SOURCE TO TAP H. Kenneth Hudnell and David Summerfield, Medora Corporation		1314	
10:40-11:30	ACTIVE CONTROL OF THM LEVELS IN DRINKING WATER Ethan Brooke, PAX Water Technologies		1414	
12:50-1:40	CHEMICAL METERING PUMPS, ACCESS, AND SYSTEMS Richard Hopkins, Hopkins Technology Products, Inc.		1514	
2:00-2:50	AUTOMATED DISINFECTANT RESIDUAL CONTROL Helda Crocker, PAX Water Technologies		1614	
3:00-3:50	ASSET MANAGEMENT FOR WATER ASSETS David Conner, Carollo Engineers		1714	
BACKFLOW PREVENTION		NAPA C & D	SESSION	
7:30-8:20	THE HYDRAULIC CONDITION Jim Purzycki, BAVCO		1101	
8:30-9:20	BACKFLOW PREVENTION ASSEMBLIES AND THEIR APPLICATIONS Scott Allison, O'Connor Sales, Inc.		1201	
9:40-10:30	BACKFLOW PREVENTION ASSEMBLY TESTING PROCEDURE Lyle Greenhill, Southern Nevada Backflow Services		1301	
10:40-11:30	BACKFLOW TROUBLE SHOOTING AND TESTING PROCEDCURES Randy de la Garza, City of Surprise AZ		1401	
12:50-1:40	BACKFLOW PREVENTION AND FIRE SUPPRESSION SYSTEMS Kevin Poe, Watts/Ames Corporation		1501	
2:00-2:50	RESPONSE TO A BACKFLOW INCIDENT Jim Purzycki, BAVCO		1601	
3:00-3:50	OPERATION OF AN EFFECTIVE CCC PROGRAM Eugene Bragazzi, City of Henderson NV		1701	
WATER DISTRIBUTION		GRAND BALLROOM A	SESSION	
7:30-8:20	AMI - EVALUATION FOCUSES Bernard Dunham, Delta Engineering Sales		1111	
8:30-9:20	WATER LOSS MANAGEMENT - LEAK DETECTION Dan Milliron, National Meter & Automation		1211	
9:40-10:30	REDUCING LOSSES FROM COMMERCIAL CUSTOMERS Gilbert Hamburg, Gilbert Hamburg, Esq.		1311	
10:40-11:30	AN INFRASTRUCTURE-FREE AMI ALTERNATIVE Jimmy Terry, Jr., National Meter and Automation, Inc.		1411	
12:50-1:40	METHODS OF PIPE REPAIR Scott Bennett, Romac Industries		1511	
2:00-2:50	CELLULAR PUBLIC CARRIER NETWORKS FOR YOUR AMI Millard Jones, Metron/Farrier Transparent Technologies		1611	
3:00-3:50	DISTRIBUTION NETWORK MONITORING Paul Meschino, Utility Service Group		1711	
			SESSION	
7:30-3:50	**3-DAY CLASS** NASSCO PIPES, LATERALS, & MANHOLES CERTIFICATION ASSESSMENT PROGRAM (PACP, MACP, AND LACP) Marilyn Shepard, NASSCO Master Trainer, Intl Training & Rehab Tech.	TURTLE BAY	1815	
7:30-3:50	FIRST RESPONDER OPERATIONS (HAZWOPER) Rogelio Horta, ehs Inc.	CYPRESS	1816	
7:30-3:50	TEMPORARY TRAFFIC CONTROL TECHNICIAN American Traffic Safety Services Assoc. (ATSSA)	REDWOOD	1817	
			SESSION	
7:30-8:20	AN EFFECTIVE CORROSION CONTROL PROGRAM Dale Claassen, Las Vegas Valley Water District		1106	
8:30-9:20	CONDITION ASSESSMENT OF CONCRETE STRUCTURES Bryan Osborne, Clark County Water Reclamation District		1206	
9:40-10:30	WHY COAT YOUR CONCRETE TANK? Jonathan Cato and Dawn Halpern, Utility Service Group		1306	
10:40-11:30	MH & VAULT INSPECTION, MAINTENANCE, REHAB, OR REPLACEMENT Dave Badgley, Badgley & Assoc.		1406	
12:50-1:40	IT'S A PUMP'S LIFE: OPTIMIZING RUN TIME Rick Jesmok, Flow & Control and Rick Barile, ABS/Sulzer		1506	
2:00-2:50	VORTEX INSERTS FOR ODOR/CORROSION CONTROL Richard Valdez, IPEX USA, LLC and Dave Badgley, Badgley & Assoc.		1606	
3:00-3:50	ODOR CONTROL FOR WATER & SEWER APPLICATIONS Lynn Wager-Powers & Ryan Powers, Robert H. Wager Company, Inc.		1706	
		SONOMA A & B	SESSION	
7:30-8:20	FOLD AND FORM PVC LINERS FOR SEWER REHAB Richard Valdez, IPEX USA, LLC and Dave Badgley, Badgley & Assoc.		1102	
8:30-9:20	A PRESCRIPTION FOR A HEALTHY SEWER John Harrell, Helix Laboratories		1202	
9:40-10:30	O&M CONSIDERATIONS FOR PRESSURE SEWER SYSTEMS Keith McHale, Environment One Corporation		1302	
10:40-11:30	JET UP! TAKING SCIENCE TO THE SEWER! Scott Paquet and Tony DeCarlo, Nozzleg, Inc.		1402	
12:50-1:40	MANAGING H2S FOR ODORS AND CORROSION CONTROL - PART 1 Rick Allen, BioLynceus		1502	
2:00-2:50	MANAGING H2S FOR ODORS AND CORROSION CONTROL - PART 2 Rick Allen, BioLynceus		1602	
3:00-3:50	ACOUSTIC INSPECTION OF SANITARY SEWER LINES George Selembo, Infosense, Inc.		1702	
		BRUNSWICK ROOM	SESSION	
7:30-8:20	CONFINED SPACE AWARENESS - PART 1 Pamela Martin, State of Nevada, SCATS		1108	
8:30-9:20	CONFINED SPACE AWARENESS - PART 2 Pamela Martin, State of Nevada, SCATS		1208	
9:40-10:30	HIGHLIGHTS OF THE NEW 2015 ANSI Z244 LOCKOUT STANDARD Todd Grover, Master Lock		1308	
10:40-11:30	OSHA UPDATES TO THE RECORD KEEPING STANDARD Joy Flack, OSHA		1408	
12:50-1:40	REDUCING RISKS WHEN INSTALLING WATER PIPES Michael Neill & Andy Gray, Infra-Tect, Inc.		1508	
2:00-2:50	TRENCHING AND EXCAVATION Jorge Flores, ETC Compliance Solutions		1608	
3:00-3:50	MONITORING CONFINED SPACES Jason Call, BMW Honeywell		1708	
		MONTEREY BAY	SESSION	
7:30-8:20	TAKING THE REIN'S WITHOUT GETTING DRENCHED Justin Bern, City of Scottsdale AZ		1113	
8:30-9:20	NELLIS AFM MS4 Russ Collins, 99th Civil Engineer Squadron		1213	
9:40-10:30	100 MEMBER PPT - A RECIPE FOR SUCCESS & INSPECTION TECH. Lisa Farinas, City of Phoenix Aviation Dept. & Julia Chivington-Buck & N. Rao Sankarmanchi, CDM Smith		1313	
10:40-11:30	3 FUNDAMENTALS FOR BEHAVIOR CHANGE CAMPAIGN Stephen Groner, S. Groner Associates, Inc.		1413	
12:50-1:40	SIMPLE AND EFFECTIVE MS4 INSPECTIONS T. Luke Owen, NPDES Stormwater Training Institute		1513	
2:00-2:50	ASSESSING STORMWATER PROGRAM EFFECTIVENESS Karen Ashby, Larry Walker Assoc.		1613	
3:00-3:50	SOUND THE ALARM, FIRE FIGHTING AND STORMWATER Lisa Farinas and Emmett Boyd, City of Phoenix Aviation Department; Rebecca Sydnor, Amec FosterWheeler; and Misti Burkman, CDM Smith		1713	
		WORKSHOP CERTIFICATION	SESSION	
7:30-3:50	ASBESTOS CLASS II WORKER Dale Becker, Asbestos Training Institute	MORRO BAY	1818	
7:30-11:30	ACTIVE SHOOTER THREAT John Isaac-Chadwell, ehs Inc	JOSHUA	1819	
12:50-3:50	ACTIVE SHOOTER THREAT John Isaac-Chadwell, ehs Inc	JOSHUA	1820	

9:20 A.M. - 9:40 A.M. - BREAK

11:30 A.M. - 12:50 P.M. - LUNCH

1:40 P.M. - 2:00 P.M. - BREAK



TRI-STATE SEMINAR 2015

WEDNESDAY, SEPTEMBER 23, 2015				9:20 A.M. - 9:40 A.M. - BREAK			
MAINTENANCE		GRAND BALLROOM B	SESSION	11:30 A.M. - 12:50 P.M. - LUNCH			
7:30-8:20	SACRIFICIAL ANODE ISSUES ON DISTRIBUTION PIPE <i>Dale Classsen, Las Vegas Valley Water District</i>		2106	9:20 A.M. - 9:40 A.M. - BREAK			
8:30-9:20	PIPE JOINT ISOLATION - REDUCE CORROSION ON DI PIPES <i>Michael Neill & Andy Gray, Infra-Tect, Inc.</i>		2206				
9:40-10:30	LARGE DIAMETER PVC GRAVITY W & WW PIPE REHAB & REPAIR <i>Dave Gellings, TRI Trenchless</i>		2306				
10:40-11:30	AIR VALVE MAINTENANCE - CRITICAL TO OPERATION <i>Stew Harvey, Golden State Marketing (GSM)</i>		2406				
12:50-1:40	ARV ODOR CONTROL FOR AIR RELIEF VALVES <i>Lynn Wager-Powers & Ryan Powers, Robert H. Wager company, Inc.</i>		2506				
2:00-2:50	REDUCING RISKS INSTALING W & WW PRESSURE PIPES <i>Michael Neill & Andy Gray, Infra-Tect, Inc.</i>		2606				
3:00-3:50	TRENCHLESS PIPE JOINT & SPOT REPAIRS <i>Mike Fox and Jim Lawton, HydraTech Engineered Products, LLC</i>		2706				
WASTEWATER TREATMENT		SONOMA C & D	SESSION				
7:30-8:20	OPTIMIZING CLARIFIER PERFORMANCE - PART 1 <i>John Essler, Clarifier Performance Evaluations, Inc.</i>		2110				
8:30-9:20	OPTIMIZING CLARIFIER PERFORMANCE - PART 2 <i>John Essler, Clarifier Performance Evaluations, Inc.</i>		2210				
9:40-10:30	OPTIMIZING CLARIFIER PERFORMANCE - PART 3 <i>John Essler, Clarifier Performance Evaluations, Inc.</i>		2310				
10:40-11:30	OPTIMIZING CLARIFIER PERFORMANCE - PART 4 <i>John Essler, Clarifier Performance Evaluations, Inc.</i>		2410				
12:50-1:40	CENTRATE ADDITION FOR THM CONTROL <i>Michael Kozlowski, Pima County Regional WRD and Harnesh Saini, Aqua Metrology Systems</i>		2510				
2:00-2:50	SOLIDS OPTIMIZATION IN BIOREACTORS <i>Michael Hernandez and Andi Trollier, HACH</i>		2610				
3:00-3:50	ELECTRONIC ROUNDS - STRANDED ASSET MONITORING <i>Eric Nelson and Chris Grant, Pima County Regional WRD</i>		2710				
ENVIRONMENTAL COMPLIANCE/PRETREATMENT		NAPA C & D	SESSION				
7:30-8:20	QA/QC FOR THE PRETREATMENT INSPECTOR <i>John Watson, JW Environmental Consulting, LLC</i>		2107				
8:30-9:20	BASIC SAMPLING AND FLOW MONITORING PRINCIPLES - PART 1 <i>Amy & Dennis Gamache, Western Environmental Equipment Company</i>		2207				
9:40-10:30	BASIC SAMPLING AND FLOW MONITORING PRINCIPLES - PART 2 <i>Amy & Dennis Gamache, Western Environmental Equipment Company</i>		2307				
10:40-11:30	BASIC SAMPLING AND FLOW MONITORING PRINCIPLES - PART 3 <i>Amy & Dennis Gamache, Western Environmental Equipment Company</i>		2407				
12:50-1:40	FOG: MANAGING FOG PRODUCERS - PART 1 <i>Rick Allen, BioLynceus</i>		2507				
2:00-2:50	FOG: MANAGING FOG PRODUCERS - PART 2 <i>Rick Allen, BioLynceus</i>		2607				
3:00-3:50	EPA PRETREATMENT UPDATE <i>Amelia Whitson, U.S. EPA Pacific Southwest Region 9 Coordinator</i>		2707				
INSTRUMENTATION/ELECTRICAL & CONTROL		NAPA A & B	SESSION				
7:30-8:20	BIG DATA AND WATER - TURN DATA INTO DECISIONS <i>Gregory Quist, Rincon Del Diablo MWD & David Drake, Hadronex</i>		2114				
8:30-9:20	CLOUD SCADA, IS IT RIGHT FOR YOU? <i>Troy Hertog, ICS Healy-Ruff</i>		2214				
9:40-10:30	ELECTRICITY DOES MIX WITH WATER <i>Sargent Benson & Sean Vallesteros, Las Vegas Valley Water District</i>		2314				
10:40-11:30	ELECTRIC MOTORS: TDH VS AMPS <i>David Carhart & Joel Marston, National Park Service</i>		2414				
12:50-1:40	LEAK DETECTION MULTI-LAYER HYBRID ALGORITHM <i>Dr. Milos Stojkovic, Rhyton Global & Vlaeta Minerkovic, Netico Solutions</i>		2514				
2:00-2:50	OPERATORS MAKE THE BEST ENGINEERS <i>Jeremy Peterson & Roberty Messic, Ripple Industries</i>		2614				
3:00-3:50	ONLINE MONITORING OF CUI/SE AT MINE CLOSURE <i>Vladimir Dozorisev, Aqua Metrology Systems & Katherine Stoll, University of Arizona</i>		2714				
WORKSHOP CERTIFICATION			SESSION				
7:30-3:50	**3-DAY CLASS** NASSCO PIPES, LATERALS, & MANHOLES CERTIFICATION ASSESSMENT PROGRAM (IPACP, MACP, AND LACP) <i>Marilyn Shepard, NASSCO Master Trainer, Int'l Training & Rehab Tech.</i>	TURTLE BAY	2815				
7:30-3:50	NIGHTTIME TEMPORARY TRAFFIC CONTROL TECHNICIAN <i>American Traffic Safety Services Assoc. (ATSSA)</i>	REDWOOD	2816				
7:30-3:50	CONFINED SPACE ENTRY <i>Rick Prince, Workplace Specialists</i>	CYPRESS	2817				
7:30-11:30	ACTIVE SHOOTER THREAT <i>John Isaac-Chadwell, elis Inc</i>	JOSHUA	2819				
12:50-3:50	ACTIVE SHOOTER THREAT <i>John Isaac-Chadwell, elis Inc</i>	JOSHUA	2820				
WASTEWATER COLLECTIONS		SONOMA A & B	SESSION				
7:30-8:20	MANAGING IN A WORLD OF REAL TIME MONITORING <i>David Drake, Hadronex, Inc.</i>		2102				
8:30-9:20	AIR MOVEMENT AND THE HOW AND WHY IT WORKS - PART 1 <i>P hil Stein, Guzzler Manufacturing (Retired)</i>		2202				
9:40-10:30	AIR MOVEMENT AND THE HOW AND WHY IT WORKS - PART 2 <i>P hil Stein, Guzzler Manufacturing (Retired)</i>		2302				
10:40-11:30	THE SCIENCE OF PIPE CLEANING <i>Ken Billingham, KEG Technologies</i>		2402				
12:50-1:40	COMBINATION MACHINE MAINTENANCE <i>Carey Olcott, Heaker Equipment Company</i>		2502				
2:00-2:50	SSO SPILL VOLUME ESTIMATION <i>Dan Stevenson, City of Emeryville CA</i>		2602				
3:00-3:50	INTERGRATED ROOT MANAGEMENT <i>Justin Fearn, Douglas Products</i>		2702				
SAFETY/HEALTH/SECURITY		BRUNSWICK ROOM	SESSION				
7:30-8:20	ARC FLASH SAFETY AND PREVENTION <i>Aaron J. Hall, CH2M Hill</i>		2108				
8:30-9:20	SLIP, TRIP, AND FALL PREVENTION <i>James Taylor, GHD, Inc.</i>		2208				
9:40-10:30	HAZARDOUS MATERIALS LABELING AND STORAGE, WHY IS IT SO CONFUSING? <i>Diane Hale, ESH</i>		2308				
10:40-11:30	THE CULTURE & DEDICATION FOR A REPUTABLE WATER TREATMENT PLANT <i>Kyle Ellis, City of Sparks - Truckee Meadows Water Reclamation Facility</i>		2408				
12:50-1:40	ERGONOMICS AND MUSCULOSKELETAL DISORDERS <i>Dr. Robert Ostolaza, Fine Chiropractic Center</i>		2508				
2:00-2:50	CHLORINE SAFETY <i>Mike Zaragoza, Hill Brothers Chemical</i>		2608				
3:00-3:50	SAFETY IN DESIGN <i>Tack, GHD</i>	Frederick	2708				
WATER DISTRIBUTION		GRAND BALLROOM A	SESSION				
7:30-8:20	ALTERNATIVE WATER STORAGE TANK ASSET MANAGEMENT <i>Kevin Barnes, Utility Service Group</i>		2111				
8:30-9:20	THE TRUE COSTS OF IN-HOUSE BILLING <i>Fred Rice & Dave Edwards, Spectrum Utilities</i>		2211				
9:40-10:30	REPAIRING, JOINING, K AND TAPPING PIPE <i>Stew Harvey, GSM</i>		2311				
10:40-11:30	WATER QUALITY ISSUES IN WATER TANKS <i>Mark Moore, DN Tanks</i>		2411				
12:50-1:40	RETROFITTING OLDER CONCRETE TANKS <i>Mark Moore, DN Tanks</i>		2511				
2:00-2:50	NON-REVENUE WATER MANAGEMENT <i>Mike Simpson, M.E. Simpson Co., Inc.</i>		2611				
3:00-3:50	GETTING THE AIR OUT OF PIPES USING AIR VALVES <i>Patrick Michael, Golden Sun Marketing</i>		2711				
STORMWATER		MONTEREY BAY	SESSION				
7:30-8:20	STATE STORMWATER COMPLIANCE INSPECTIONS <i>Chris Gravenstin, NDEP</i>		2113				
8:30-9:20	WITH GREAT POWER, COMES GREAT RESPONSIBILITY <i>Jennifer Brown, City of Malibu, CA</i>		2213				
9:40-10:30	SELECTION AND DESIGN OF BMPs OF PUBLIC WORKS <i>Chris Crompton, Orange County Public Works & Cory Jones, SCS Engineers</i>		2313				
10:40-11:30	STORMWATER TRASH CAPTURE DEVICE O&M <i>Dan Stevenson, City of Emeryville, CA</i>		2413				
TOURS			SESSION				
12:50-3:50	VENETIAN HOTEL TOUR <i>Jenn Davis, MWH Americas</i>	Bus Loading - South Point	2901				
8:00-3:00	HOOVER DAM TOUR <i>Guided Tour</i>	Bus Loading - South Point	2902				
WORKSHOP CERTIFICATION			SESSION				
12:50-3:50	**1.5-DAY CLASS** MS4 COMPLIANCE & CODE ENFORCEMENT INSPECTOR <i>T. Luke Owen, NPDES Stormwater Training Institute</i>	MONTEREY BAY	2818				
7:30-3:50	**2-DAY CLASS** NASSCO INSPECTOR TRAINING CERTIFICATION PROGRAM (ITCP) <i>Rocky Capehart</i>	MORRO BAY	2821				

9:20 A.M. - 9:40 A.M. - BREAK

11:30 A.M. - 12:50 P.M. - LUNCH

1:40 P.M. - 2:00 P.M. - BREAK

9:20 A.M. - 9:40 A.M. - BREAK

11:30 A.M. - 12:50 P.M. - LUNCH

1:40 P.M. - 2:00 P.M. - BREAK



TRI-STATE SEMINAR 2015

THURSDAY, SEPTEMBER 24, 2015

9:20 A.M. - 9:40 A.M. - BREAK

11:30 A.M. - 12:50 P.M. - LUNCH

1:40 P.M. - 2:00 P.M. - BREAK

MAINTENANCE		GRAND BALLROOM B	SESSION
7:30-8:20	ADVANCING YOUR CAREER IN WATER & WASTEWATER Chris Lopez, Technical Certification Instruction		3106
8:30-9:20	ENERGY MATTERS - USE WISELY Rick Allen, BioLyneus		3206
9:40-10:30	WATER TANK DESIGN, CONSTRUCTION, & MAINTENANCE - PART 1 Gregory "Chip" Stein, Tank Industry Consultants		3306
10:40-11:30	WATER TANK DESIGN, CONSTRUCTION, & MAINTENANCE - PART 2 Gregory "Chip" Stein, Tank Industry Consultants		3406
12:50-1:40	BUILDING RELIABILITY INTO MAINTENANCE Gerald Fejarang & Nathanael Ince, Pinnacle Advanced Reliability Technologies		3506
2:00-2:50	WATER & WASTEWATER TREATMENT PLANT SAFETY AND ACCESSIBILITY Bryan Osborne, Clark County Water Reclamation District (CCWRD)		3606
3:00-3:50	CHOOSING THE BEST CONFINED SPACE GAS DETECTOR Michael Calvo, GIG Instrumentation		3706
GROUNDWATER AND RECHARGE		SONOMA C	SESSION
7:30-8:20	OPERATING GROUNDWATER PUMPS EFFICIENTLY Cynthia Fischer, City of Fresno, CA		3104
8:30-9:20	ADVANCES IN ASR WELL DESIGN AND OPERATION Nathan Nutter, Carollo Engineers		3204
9:40-10:30	REHABILITATION OF A FRESH WATER SUPPLY WELL Joiree Duran & Bob St. Louis, Newmont Mining Corporation		3304
10:40-11:30	WATER WELL-NESS, GAME CHANGING RESEARCH Todd Eden, HCT - HercChemTech, LLC		3404
12:50-1:40	NEAR-SURFACE GEOPHYSICS FOR GROUNDWATER Jesse Crews, Center for Groundwater Evaluation & Management, Stanford University		3504
2:00-2:50	SLUG TESTS FOR A BETTER SUPPLY WELL DESIGN Don Hanson, Clear Creek Associates		3604
3:00-3:50	SUSTAINABLE APPROACH TO WELL ASSET MANAGEMENT Jack Powell & Dawn Helpern, Utility Service Group		3704
WATER TREATMENT & SURFACE WATER		NAPA C & D	SESSION
7:30-8:20	TABLET CHLORINATION VS. OTHER METHODS Don Iwanski, Axial Corp.		3105
8:30-9:20	FILTER MEDIA EVALUATION PILOT STUDY AT SNWA Julie Lew, Southern Nevada Water Authority (SNWA)		3205
9:40-10:30	EMERGENCE OF BIOLOGICAL TREATMENT FOR POTABLE WATER APPS Chad Miller, A2Edge Water Technologies, LLC		3305
10:40-11:30	THE USE OF TANGENTIAL FLOW ULTRAFILTRATION Mitchell Stoker and Alan Sims, Southern Nevada Water Authority (SNWA)		3405
12:50-1:40	TRIBAL WATER QUALITY ADVANCEMENT Brian Wadsworth, Pyramid Lake Paiute Tribe		3505
2:00-2:50	INTAKE NO. 3 - TUNNELING UNDER LAKE MEAD Noah Hoels, Southern Nevada Water Authority (SNWA)		3605
3:00-3:50	THM REDUCTION USING SPRAY AERATION Lyle Mariani, Las Vegas Valley Water District		3705
WATER DISTRIBUTION		GRAND BALLROOM A	SESSION
7:30-8:20	DISTRIBUTION SYSTEM WATER TREATMENT David Summerfield and H. Kenneth Hudnel, Medora Co. - SolarBee/GridBee		3111
8:30-9:20	WHOSE CERTIFICATION IS IT ANYWAY? Max Sosa, NDEP		3211
9:40-10:30	REDUCE RISKS IN INSTALLING WATER PIPES Michael Neill, Infra-Tect, Inc.		3311
10:40-11:30	HYDRANT AND VALVE TRAINING Kirk Stoltzner, EJ USA, Inc.		3411
12:50-1:40	CONDITION ASSESSMENT OF CONCRETE STRUCTURES Bryan Osborne, Clark County Water Reclamation District (CCWRD)		3511
2:00-2:50	PLANNING FOR DISTRICT METERED AREAS Stephen Davis, Metering Technology Consultant		3611
3:00-3:50	FINDING LEAKS BEFORE THEY BECOME PROBLEMS Steve Bruskwicz, Aclara		3711
WORKSHOP CERTIFICATION			SESSION
7:30-3:50	**3-DAY CLASS** NASSCO PIPES, LATERALS, & MANHOLES CERTIFICATION ASSESSMENT PROGRAM (PACP, MACP, AND LACP) Marilyn Shepard, NASSCO Master Trainer, Int'l Training & Rehab. Tech.	TURTLE BAY	3815
7:30-3:50	TRENCHING AND EXCAVATION COMPETENT PERSON Dick Schnieder, Trench Shoring Company	JOSHUA	3816
7:30-3:50	CONFINED SPACE ENTRY Rick Prince, Workplace Specialists	CYPRESS	3817
7:30-3:50	TEMPORARY TRAFFIC CONTROL TECHNICIAN American Traffic Safety Services Assoc. (ATSSA)	REDWOOD	3819
RECLAIM/REUSE		NAPA A & B	SESSION
7:30-8:20	"BUTTS TO WATTS" CIGARETTE WASTE RECYCLING Ken Beckstead, Cigarette Pollution Solutions		3109
8:30-9:20	CELLULAR PUBLIC CARRIER NETWORKS FOR YOUR AMI Millard Jones and Matt Laird, Metron-Farmer/Transparent Technologies		3209
9:40-10:30	CHARACTERIZING MEMBRANE/OZONE PERFORMANCE Doug Drury, Clark County Water Reclamation District (CCWRD)		3309
10:40-11:30	POTABLE REUSE TREATMENT AND TECHNOLOGIES Erica Marti, Southern Nevada Water Authority (SNWA)		3409
12:50-1:40	TITLE 22 TREATMENT SYSTEMS FOR SMALL WWTPs Peachie Maher Hylowitz, Aniael Water Systems, Charles Grace, GES, and John Turner, Phoenix Civil Eng.		3509
2:00-2:50	COMMUNITY H2O HARVESTING, THE MISSING ELEMENT Jonas Sigalla, Evaporative Control Systems		3609
3:00-3:50	RECLAIM AND REUSE OR RETURN...? LeAnna Rizzo, Clark County Water Reclamation District (CCWRD)		3709
WASTEWATER COLLECTIONS		SONOMA A & B	SESSION
7:30-8:20	COLLECTIONS WASTEWATER AFTER 35 YEARS Ralph Palomares, El Toro Water District		3102
8:30-9:20	INFRASTRUCTURE: PAST, PRESENT AND FUTURE John Warner, Pima County Regional Wastewater Reclamation		3202
9:40-10:30	SANITARY SEWER HYDRAULICS - PART 1 Bryan Osborne, Clark County Water Reclamation District		3302
10:40-11:30	SANITARY SEWER HYDRAULICS - PART 2 Bryan Osborne, Clark County Water Reclamation District		3402
12:50-1:40	DEVELOPING EFFICIENT MAINTENANCE PROGRAMS Chris Lopez, Technical Certification Instruction		3502
2:00-2:50	MANHOLE REHABILITATION SOLUTIONS Demetri Rapanos, Epoxytec		3602
3:00-3:50	SUSTAINABILITY WITH POLYMER STRUCTURES Phil Gale and Mike Brusio, Geneva Polymer Products/Armrock		3702
MATH		BRUNSWICK ROOM	SESSION
7:30-8:20	MATH MADE EASY AND OTHER LIES -PART 1 (AREAS) Paul Krauth, Utah Division of Wastewater Quality		3112
8:30-9:20	MATH MADE EASY AND OTHER LIES -PART 2 (VOLUMES) Paul Krauth, Utah Division of Wastewater Quality		3212
9:40-10:30	MATH MADE EASY AND OTHER LIES -PART 3 (FLOW RATES) Paul Krauth, Utah Division of Wastewater Quality		3312
10:40-11:30	MATH MADE EASY AND OTHER LIES -PART 4 (DETENTION TIMES) Paul Krauth, Utah Division of Wastewater Quality		3412
12:50-1:40	MATH MADE EASY AND OTHER LIES -PART 5 (PUMPING HORSEPOWER) Paul Krauth, Utah Division of Wastewater Quality		3512
2:00-2:50	MATH MADE EASY AND OTHER LIES -PART 6 (DOSING) Paul Krauth, Utah Division of Wastewater Quality		3612
3:00-3:50	MATH MADE EASY AND OTHER LIES -PART 7 (PUTTING IT ALL TOGETHER) Paul Krauth, Utah Division of Wastewater Quality		3712
LABORATORY		SONOMA D	SESSION
7:30-8:20	E.coli/COLIFORM TESTING WITH COLILERT (DST) Gil Dichter & Shawn Dubois, IDEXX Laboratories		3103
8:30-9:20	PATHOGENIC FREE LIVING AMOEBAE AND SNWA Alan Sims & Mitch Stoker, Southern Nevada Water Authority (SNWA)		3203
9:40-10:30	LABORATORY ETHICS AND IMPROPER LAB PRACTICES Donald LaFara, NDEP		3303
10:40-11:30	DETERMINING ALKALINITY IN WATER SOURCES Piotr Nowinski, Clark County Dept. of Air Quality & Dana LaRance, City of Henderson NV		3403
12:50-1:40	WATERBORNE VIRAL PATHOGENS Charles Meyer, Southern Nevada Water Authority (SNWA)		3503
2:00-2:50	STREAMLINING ORGANICS MEASUREMENTS Ali Trollier & Kevin Menning, HACH		3603
3:00-3:50	THE BASICS: PROPER WATER SAMPLING & MONITORING Crystal Montecinos, Sierra Environmental Monitoring		3703
TOURS			SESSION
9:20-11:30	VENETIAN HOTEL TOUR Jenn Davis, MWH Americas	Bus Loading - South Point	3901
WORKSHOP CERTIFICATION			SESSION
7:30-3:50	**1.5-DAY CLASS** MS4 COMPLIANCE & CODE ENFORCEMENT INSPECTOR T. Luke Owen, NPDES Stormwater Training Institute	MONTEREY BAY	3818
7:30-3:50	**2-DAY CLASS** NASSCO INSPECTOR TRAINING CERTIFICATION PROGRAM	MORRO BAY	3821

9:20 A.M. - 9:40 A.M. - BREAK

11:30 A.M. - 12:50 P.M. - LUNCH

1:40 P.M. - 2:00 P.M. - BREAK