



TRI-STATE SEMINAR ON-THE-RIVER

SEPTEMBER 22-24, 2009

The Tri-State Seminar continues to be the best value for Water & Wastewater operations training anywhere

Changes for 2009

- Tuesday—Thursday (September 22, 2009 to September 24, 2009)
- **Registration Packets for Pre-Registered Attendees will be mailed. The packet will include name badge, receipt and drink tickets. THERE WILL BE A \$25.00 REPRINTING CHARGE IF YOU FORGET TO BRING YOUR PACKET.**
- UP TO 20 PDH / CONTACT HOURS



25TH ANNIVERSARY

If you pre-register and get in Monday, bring your badge and dancing shoes to the Primm Valley Resort's pool area at 7:00 pm and join the celebration!

Twenty-five years of training, twenty-five years of rubbing elbows with guys and gals in the business, twenty-five years of checking out the latest and greatest stuff, twenty-five years of TRI-STATE! I think it's time to celebrate a little, maybe sit down with the "old guys" to hear a story or three

SEMINAR REGISTRATION

**Registration Packets for Pre-Registered Attendees will be mailed.
The packet will include name badge, receipt and drink tickets.**

PLEASE NO CERTIFIED MAIL

ONLINE REGISTRATION IS NOW AVAILABLE AT WWW.TRISTATESEMINAR.COM OR MAIL THE ATTACHED REGISTRATION FORM & PAYMENT

PRE-REGISTER BY 8/31/09 \$75.00

AFTER 8/31/2009 \$100.00

REGISTRATIONS RECEIVED AFTER 9/16/09 WILL NOT BE MAILED—PACKETS WILL BE ONSITE & AVAILABLE ON MONDAY (9/21/09) FROM 4:00 P.M.—6:00 PM AT THE PRIMM VALLEY CONFERENCE CENTER

REGISTRATION HOURS

Monday (9/21/2009) - 4:00 PM—6:00 PM

Tuesday—Thursday (9/22/2009—9/24/2009) 7:00 AM—5:00 PM

THERE WILL BE A \$25.00 REPRINTING CHARGE IF YOU FORGET TO BRING YOUR PACKET CANCELLATION & REFUNDS

Written cancellation notice is required, and must be received at least 30 days prior to the conference date.

A 25% service fee shall be retained on all cancellations.

No refunds shall be given for cancellations made less than 30 days prior to conference.

HOTEL RESERVATIONS

ALL THREE HOTELS WILL BE HOSTING THE 2009 TRI-STATE SEMINAR.

PRIMM VALLEY RESORT & CASINO

BUFFALO BILL'S RESORT & CASINO

WHISKEY PETE'S RESORT & CASINO

CONTACT PRIMM VALLEY RESORTS AT 1-800-FUN-STOP OR 1-800-386-7867

BE SURE TO MENTION YOU ARE ATTENDING THE TRISTATE SEMINAR TO

RECEIVE THE DISCOUNT RATE. MENTION GROUP CODE SCT9229.

CALL EARLY!!!!!!!!!!!!

HOTEL ROOMS BOOK QUICKLY



**PROGRAM INFORMATION
7 CONCURRENT SESSIONS
PRELIMINARY PROGRAM ATTACHED**

***SECURITY*MAINTENANCE*WATER DISTRIBUTION*
*INSTRUMENTATION & ELECTRICAL*WASTEWATER COLLECTIONS*
*WASTEWATER TREATMENT*BACKFLOW*GROUNDWATER*
*SAFETY*MATH*SURFACE WATER*TREATMENT**

**PDH'S / CONTACT HOURS
UP TO 20 HOURS AVAILABLE!!!!**

Attend the Sessions, Scan in and out, and complete the application for hours.

**EXHIBIT HALL HOURS
DESERT STAR ARENA @ BUFFALO BILL'S**

**Over 200 Exhibitors. For information, please go to tristateseminar.com/exhibitors .
Tuesday, September 23—3:30-7:00 PM
Wednesday, September 24—3:30-6:30 PM**

GOLF TOURNAMENT

Golf Schedule

JOIN US AT Primm Valley Golf Club for the annual golf tournament Tuesday, September 22, 2009. Registration: 6:30 a.m. *Tee off: 8:00 a.m. *Lunch & Awards: 12:00 noon (cash bar) No-Host beverage cart will be available on the course.

Dress Code: Soft spikes only. Shirts with sleeves and collars, shorts must be hemmed, no athletic shorts or blue jeans.

Registration

Print, complete, and mail the attached Registration form with full payment to Attn: Annette Duarte, Tri-State Seminar, P.O. Box 11220, Tucson, AZ 85734-1220. Fees \$125.00 per golfer prior to August 31, 2009; \$150 after August 31, 2009.

Golf Tee Sponsorship

The Tri-State Golf Committee is asking for your assistance with the annual tournament. Tee sponsorships are available for \$200. For an additional \$50, you become a Copper sponsor and get listed in the program. [Tee Sponsorships forms are available online.](#)

Firms wishing to donate prizes should contact Mark Graham at 760-328-6896. For hole sponsorship, go to www.tristateseminar.com/golf for the sponsorship flyer.



25TH ANNUAL TRI-STATE SEMINAR

SEPTEMBER 22-24, 2009 (TUESDAY—THURSDAY)
PRIMM, NEVADA



SEMINAR REGISTRATION

Make Check/Money Order Payable to: Tri-State Seminar

C/O Annette Duarte, P.O. Box 11220, Tucson, AZ. 85734 or 201 North Stone Avenue, 8Th Floor, Tucson, AZ. 85701

Please fill in all blanks.

Name for Badge _____

Title _____

Employer _____

Address _____
(Address where Registration Packet should be mailed)

City _____ State _____ Zip _____ Phone _____

FAX _____ Email _____

Guests Attending _____

Credit Card Information (Visa, MasterCard, Amex., Discover Card only)

Credit Card Type: _____ Credit Card #: _____

Three Digit Code: _____ Expiration Date: _____
(Found on back of card)

Cardholder Signature _____

Special Services

- () Please check here if you require special accommodations to fully participate.
Attach a written description of your needs
- () Please check here if you DO NOT wish to have your information/email
 addressed published/shared with our exhibitors.

REGISTRATION FEES			
Early-Registration, Prior to 8/31/09	\$	75.00	Amount Enclosed: _____
Registration - After 8/31/09	\$	100.00	Amount Enclosed: _____
Guest Fee		Number x \$ 15.00	Amount Enclosed: _____
Golf Early-Registration, Prior to 8/31/09		Number x \$125.00	Amount Enclosed: _____
Golf, Registration After 8/31/09		Number x \$150.00	Amount Enclosed: _____
			Total Registration Fees: _____

Golfers Name	_____		
Golfers Name	_____		
Golfers Name	_____		
Golfers Name	_____		
Tee Sponsorship Fee	\$	200.00	Amount Enclosed: _____
Tee Sponsor Name - Please Enclose a Business Card			
Circle your Primary Certification			

Arizona California Nevada Other:

Please Circle your Affiliation)

Wastewater Water

A \$25.00 RE-PRINTING PACKAGE FEE WILL BE CHARGED



Golf Schedule

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Dress Code: Soft spikes only. Shirts with sleeves and collars, shorts must be hemmed, no athletic shorts or blue jeans.

Registration

On-Line registration at the Tri-State website <http://www.tristateseminar.com> or mail the form below with full payment.

Fees \$125.00 per golfer prior to August 31, 2009; \$150 after August 31, 2009.

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GOLF REGISTRATION FORM

Player(s) Names

1) _____ 2) _____
 3) _____ 4) _____

Billing Information:

Name _____ Company _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____ Fax _____ Email _____

FEES & SPONSORSHIPS

Before 8/31/2009	# Players	\$125.00	\$
After 8/31/2009	# Players	\$150.00	\$
Tee Sponsorship	# Signs	\$200.00	\$
Golf Total		TOTAL	\$

Mail Registration Form with Check, Money Order, or Credit Card payable to:
 Tri-State Seminar on-the-River
 Attn: Annette Duarte
 P.O. Box 11220
 Tucson, Arizona 85734-1220

Check or Money Order Enclosed _____ or Credit Card Information (Visa/MasterCard only)
 Credit Card Type _____ Credit Card # _____
 Three Digit Security Code _____ Expiration Date _____

Tri-State Seminar Tuesday, September 22, 2009

CONFERENCE PROGRAM

TIME	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley
	Shadow Ridge	Temptation	Desperado	Mojave	Granite Falls/Three Peaks	Pristine	Ball Room 1
	Laboratory	Water Distribution	Wastewater Treatment/ Operations	Pretreatment	Wastewater Collections	Top Ops	Safety Health and Security
7:30 - 8:30	Registration, Coffee and Welcome						
8:30 - 9:20	Session 50 Speaker TBD Chemical Hygiene	Session 51 Differentiating AMR and AMI Steve Davis Malcolm Pirnie	Session 52 EDC's and the Design of Plants Doug Drury Clark Country Water Reclamation	Session 53 Trunkline Monitoring Gary Balasian George Rodriguez United Water	Session 54 Tracking Down the Roots of Sanitary Sewers Jon C. Schladweiler	Session 55 Promoting Off The Job Safety Vicki Scott Amigo Farms	Session 56 Fall Protection Jackson Dalton Capital Safety
9:20 - 9:40	Break						
9:40 - 10:30	Session 70 Laboratory and Process Control For Operators Leanna Risso Clark County	Session 71 Use of Meter Master Recorders Steve Davis Malcolm Pirnie	Session 72 Gas Detection For Operators Bob Comer	Session 73 The Truth About F.O.G.? John Shaffer	Session 74 Continued Session from Above	Session 75 Energy Management, Carbon Footprint & Renewable Energy In Treatment Facilities Fernando Sarmiento Greeley & Hanson	Session 76 Top 10 OSHA Citations Marjorie Boone JoshuaCasey Corporate Training
10:40-11:30	Session 101 Laboratory and Process Control For Operators Continued from Above	Session 102 Reduce Flow Meter Maintenance with on Board Diagnostics Ted Hindeman	Session 103 Training on Grinders and Separation Systems Glenn Gordon, JWC Env.	Session 104 The Truth About F.O.G. Part II John Shaffer	Session 105 New Technology for FRP CIPP "UV CURED" Monte Farrow		Session 107 Status of Safety in The Wastewater Industry John Bannen, Workplace Safety Specialists
11:30 - 12:50	Lunch						
	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley
	Shadow Ridge	Temptation	Desperado	Mojave	Granite Falls /Three Peaks	Reflections	Ball Room
	Laboratory	Water Distribution	Wastewater Treatment/ Operations	Pretreatment	Wastewater Collections	Top Ops	Safety Health and Security
12:50 - 1:40	Session 108 Jar Testing for Better Plant Performance Bruce Dacko Board Member	Session 109 Water System Energy Efficiency Kara Festa Mark Taylor West Land Resources	Session 110 Regionalization of Utility Services Manuel Benitez San Bernadino County	Session 111 Dental Best Management Practices and Amalgam Separators Al Dube Solmetex	Session 112 Remote Monitoring Keeping "IT" from Happening David Drake Hadronex Inc.	Session 113 It's Lonely at the Top Fred Kriess Jr. Severn Trent	Session 114 Drugs and Pharmaceuticals? Are you Serious? Brad Prill ISPI
1:40 - 2:00	Break						
2:00 - 2:50	Session 115 Working with a Commercial Laboratory Dianne Frydrych Legend Technical Services	Session 116 Water Quality in Distribution Matt Tasch Utility Services	Session 117 Establishing Operations and Maintenance Duties Larry Goodson AQPC	Session 118 The History of Flow Monitoring Richard Delgado HACH	Session 119 Understanding the Power/Physics of Vacuum and How it Works Philip Stein	Session 120 How to Become Useless Mike Popichack Popichak Environmental	Session 121 Protecting the Emergency Responder Dawn Johnson FD Safety
3:00 - 3:50	Session 122 Sampling, Monitoring and Lab Forms Dianne Frydrych	Session 123 Line Replacement and Rehabilitation Speaker TBD*	Session 124 Bryozoan The Unrecognized Treatment Plant Menace Brian Bernard Carollo, Engineers	Session 125 Pretreatment Case Study EPA Criminal Investigation Department	Session 126 Session continued from above.	Session 127 Speaker TBD*	Session 128 Evaluating Workplace Exposures Chris Hansen AIHA of Arizona
3:30 - 7:00	Exhibitors - Buffalo Bill's Area						

Tri-State Seminar
Wednesday, September 23, 2009
CONFERENCE PROGRAM

	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Whiskey Pete's
	Ballroom	Shadow Ridge/Carol Creek	Mojave/Desperado	Granite Falls/Three Peaks	Temptation	Pristine	Ballroom
TIME	Safety, Health and Security	Wastewater Treatment/Operations	Maintenance	Wastewater Collections	Water Distribution	Instrumentation/Electrical	Math / Testing Preparation
7:30 - 8:20	Confined Space John Bannan Workplace Safety Specialists	Session 202 Energy Optimization at Hill Canyon Treatment Plant Chuck Rogers City of Thousand Oaks	Session 203 Flange Bolting Rich Varalla Tripac Fasteners	Session 204 The Nitty Gritty on Pipe Cleaning Part 1 Duane Johnson	Session 205 Joint Restraint Accomodating Force Patrick Michael Golden Sun	Session 206 Building and Using, Interactive Adobe Forms Mike Tidwell	Session 207 MATH Part 1 Eric Wahlberg Brown & Caldwell
8:30 - 9:20		Session 209 New Blower Technology Art Anderson Saddleback Environmental	Session 210 Overview of Pumps John Ivins ESSCO Pumps	Session 211 The Nitty Gritty on Pipe Cleaning Part 2 Duane Johnson	Session 212 Horizontal Directional Drilling Steve Harvey GSM	Session 213 Electrical Safety in the Workplace David Kreger	Session 214 MATH Part 2 Eric Wahlberg Brown & Caldwell
9:20 - 9:40	Break						
9:40 - 10:30	Confined Space John Bannan Workplace Safety Specialists	Session 216 Instruments for Operators Steve Broggie City of Thousand Oaks	Session 217 Pumps Curves and System Head Curves John Ivins	Session 218 Pipeline Inspections Jim Aanderud Innerline Engineering	Session 219 Design and Mntce. Of Air Valves Cristi Graca & Stew Harvey	Session 220 Electrical Safety Part 2 (Continuation) David Kreger	Session 221 MATH Part 3 Eric Wahlberg Brown & Caldwell
10:40 - 11:30		Session 223 BNR Alan Krieger Simi Valley	Session 224 Developing a Maintenance Program Paul Walton Evans Hydro	Session 225 Manhole Inspections, The Sometimes Forgotten Link Dennis Pollack	Session 226 Responding to a Recorded Pump Station Failure Chris Hill Metro Water District	Session 227 Electrical Safety Part 3 (Continuation) David Kreger	Session 228 MATH Part 4 Eric Wahlberg Brown & Caldwell
11:30 - 12:50	Lunch						
	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Primm Valley	Whiskey Pete's
	Ballroom	Shadow Ridge/Carol Creek	Mojave/Desperado	Granite Falls/Three Peaks	Temptation	Pristine	Ballroom
TIME	Safety, Health and Security	Wastewater Treatment/Operations	Maintenance	Wastewater Collections	Water Distribution	Instrumentation/Electrical	Math/Testing Preparation
12:50-1:40	Session 229 It "Pays" to be Safe Fredd Kriess Jr. Severn Trent	Session 230 Archaea Augmentation and Coliform Reduction Chad Meyer Corrollo Engineers	Session 231 Intro to Vibration Analysis Jay Dunkelman Emerson	Session 231 Trenchless Pipe Rehabilitation Dave Badgely Sancon	Session 232 Quagga Mussel Peggy Roefer	Session 233 Interface Measurement for Clarifiers and Thickners Scott Spencer	Session 234 MATH Part 5 Eric Wahlberg Brown & Caldwell
1:40 - 2:00	Break						
2:00 - 2:50	Session 235 Energy Control Procedures Brad Prill ISPI	Session 236 MBR Basics Dave Commons City of Las Vegas	Session 237 Misalignment Jay Dunkelman	Session 238 The Nuts and Bolts of GIS Mark Hill RBF Consulting	Session 239 Speaker TBD*	Session 240 MCC Arc Flash Hazards Guillermo Serrano	Session 241 MATH Part 6 Eric Wahlberg Brown and Caldwell
3:00 - 3:50	Session 241 Humor in Safety Tim Page-Bottorff & John Kevin-Cobb	Session 242 Odor Control Margaret Regan MWH Global	Session 243 Basics of Oil Analysis Cory Forgeron Analytical Systems Inc.	Session 244 Procedures for Responding to an SSO CWEA SSCSC	Session 245 Speaker TBD*	Session 246 Intro to PLC's Loren Shifley	Session 247 MATH Part 6 Eric Wahlberg Brown & Caldwell
3:30 - 6:30	Exhibitors - Buffalo Bill's Arena						

Tri-State Seminar Thursday, September 24, 2009

Conference Program

	Primm Valley Temptation	Primm Valley Mojave	Primm Valley Granite Falls/Three Peaks	Primm Valley Pristine	Primm Valley Desperado	Primm Valley Shadow Ridge	Primm Valley Ball Room
TIME	Surface/Ground Water	Backflow Prevention	Wastewater Collections	Disinfection	Environmental Compliance	Vessel, Pipe, Tank Maintenance	Maintenance
8:00 - 8:50	Session 301 Stormwater Management: A tale of Four Cities James Baird Romtec	Session 302 Backflow Prevention Basics Violet Sivik & Eugene Bragazzi	Session 303 Grease Reduction Additives in Collection Systems Marcus Lenger and Robert Carr	Session 304 Chemical Metering Pumps and Accessories Rich Hopkins Hopkins Technical Products	Session 305 Classification and Labeling of Chemicals Global Harmonized System (GHS) Speaker TBD	Session 306 Water Tank Maintenance Thom Tackman PSI	Session 307 Thermography Sal Difrancia ATT Infrared Services
9:00 - 9:50	Session 308 Impact of Rodeo-Chediski Fire on TOC and TTHM Dipti Shah Town of Gilbert	Session 309 Backflow Prevention Assembly Testing Violet Sivik and Eugene Bragazzi	Session 310 Open Chanel Flow Monitoring Paul Mitchell ADS Environmental Services	Session 311 Disinfection Alternatives Rick Reed Chemical Feed Technologies	Session 312 Indoor Air Quality Scott Mosely City of Tempe	Session 313 Water Tank Maintenance Session Continued From above	Session 313 Mechanical Seals Brian Hornsby Global Seal
9:50 - 10:10	Break						
10:10 - 11:00	Session 314 Stormwater Management Don Wasco City of Carlsbad	Session 315 Fire Hydrant Vulnerability D. Michael Walden	Session 316 360 Degree Digital Pipe Scanning Eric Sullivan Atlas Inspection	Session 317 Medium Pressure UV Disinfection Martin Lipschultz City of Las Vegas	Session 318 Hazardous Waste For Operators Malcolm Montgomery	Session 319 Water Tank Maintenance Session Continued From above	Session 320 Maintenance on Grinders and Separators Scott Kelly JWC Env.
11:10 - 12:00	Session 321 Stormwater Management Don Wasco City of Carlsbad	Session 322 BFA's of Fire Suppression Systems Kevin Poe	Session 323 Developing a Lateral Inspection Program Manuel Romero City of Santa Barbara	Session 324 Making Bleach Made Easy Gunnar Thordarson PSI	Session 325 Session Continued from Above	Session 326 Water Tank Maintenance Session Continued From above	Session 327 Turbine Pump Tear-down and Assembly Paul Walton
12:00 - 12:40	Lunch						
	Primm Valley Temptation	Primm Valley Mojave	Primm Valley Granite Falls/Three Peaks	Primm Valley Pristine	Primm Valley Desperado	Primm Valley Shadow Ridge	Primm Valley Ball Room
TIME	Surface/Ground Water	Backflow Prevention	Wastewater Collections	Disinfection	Environmental Compliance	Reclaim/Reuse	Maintenance
12:50 - 1:40	Session 328 Ground Water Recharge Paul Krauth Utah Division of Water Quality	Session 329 Backflow Prevention Assembly Repair Part 1 Jim Purzycki Bavco	Session 330 Laterals and How They are Managed George Solano Mathew Thompson	Session 331 Avra Co-Op Chris Ward, Thom Tackman, Kara Festa PSI	Session 332 An Overview of the CALARP Speaker TBD	Session 333 Speaker TBD	Session 334 Well Maintenance Geoffrey Bates General Pump
1:40 - 2:00	Break						
2:00 - 2:50	Session 335 Ground Water Recharge Part II Paul Krauth Utah Division of Water Quality	Session 336 Backflow Prevention Assembly Repair Part 2 Jim Purzycki Bavco	Session 337 Capital Planning Through Real Time Monitoring David Drake Hardonex	Session 338 Session Continued From Above	Session 339 HMBP What your CUPA Wants Fresno County CUPA Representative	Session 340 Operating Recycled Water Systems Tom Holliman Lee and Ro	Session 341 Application and Maintenance of VFD's Art Yee Industrial Tech Services
3:00 - 3:50	Session 342 Curbing Storm Drain Run Off Don Wasco City of Carlsbad	Session 343 Backflow Prevention Assembly Repair Part 3 Jim Purzycki Bavco	Session 344 Sewer Line Locating Ron Soyka WCT Products	Session 345 Chemical Disinfection Jim Wright Statewide Disinfection Service	Session 346 Session Continued from Above	Session 347 Case Study of Recycled Water System Tom Holliman Lee and Ro	Session 348 Using Coatings for Repair Scott Wilson Belzona Systems
Conference Concludes							