TUESDAY, SEPTEMBER 24, 2013

WASTEWATER TREATMENT — SONOMA C & D

TIME		Session
7:30 - 8:20	THE GOOD, THE BAD AND THE UGLY OF ANIMALS IN WASTEWATER TREATMENT PLANTS Dr. David Jenkins, UC Berkeley	1110
8:30 - 9:20	NITRIFICATION/DENITRIFICATION BASICS Ronald G. Schuyler, COWAC	1210
9:20 - 9:40	BREAK	
9:40 - 10:30	UTILIZING MICROSCOPES IN WASTEWATER TREATMENT Steven Leach, Novozymes	1310
10:40 - 11:30	EMERGING TECHNOLOGIES FOR WASTEWATER TREATMENT Sean Scuras, Tetra Tech	1410
11:30 - 12:50	LUNCH	
12:50 - 1:40	FACTS AND FICTION ABOUT ACTIVATED SLUDGE Dr. David Jenkins, UC Berkeley	1510
1:40 - 2:00	BREAK	
2:00 - 2:50	WASTEWATER LAGOON MANAGEMENT Rick Allen, BioLynceus	1610
3:00 - 3:50	REMOVING PHOSPHORUS USING LANTHANUM CHLORIDE INSTEAD OF TRADITIONAL SALTS OF FERRIC AND ALUM Michael Strileski. UNLV	1710

WATER TREATMENT AND SURFACE WATER — NAPA A & B

TIME		Session
7:30 - 8:20	STORMWATER PROTECTION FOR WATER UTILITIES Steven Ross, Las Vegas Valley Water District	1114
8:30 - 9:20	BIO-BASED INVASIVE MUSSEL CONTROL Carolyn Link, Marrone Bio Innovations	1214
9:20 - 9:40	BREAK	
9:40 - 10:30	EFFICIENT, BIOLOGICAL NITRATE REMOVAL OF NITRATE AND OTHER GROUNDWATER CONTAMINANTS USING BIOTTA SYSTEM Jess Brown, Carollo Engineers	1314
10:40 - 11:30	SMART WATER ANALYTICS - TURNING DATA INTO A PLANT PERFORMANCE ASSESSMENT PROGRAM Jeff Neemann, Nick Burns, and Guy Voss, Black & Veatch	1414
11:30 - 12:50	LUNCH	
12:50 - 1:40	PWTP DUAL - MEDIA FILTER PILOT STUDY Lei Hong, Santa Clara Valley Water District	1514
1:40 - 2:00	BREAK	
2:00 - 2:50	C.C. CRAGIN WATER SUPPLY HISTORY Dave A. Dirren, C.E.T., Sunrise Engineering	1614
3:00 - 3:50	THMs: SOURCE, CLEARWELL & TANK CONTROLS Ken Hudnell, University of North Carolina, Medora Corp.	1714

BACKFLOW PREVENTION — NAPA D

TIME		Session
7:30 - 8:20	BACKFLOW: THE HYDRAULIC CONDITION Jim Purzycki, BAVCO	1101
8:30 - 9:20	BACKFLOW PREVENTION ASSEMBLIES AND THEIR APPLICATIONS Scott Allison, O'Connor Sales, Inc.	1201
9:20 - 9:40	BREAK	
9:40 - 10:30	BACKFLOW PREVENTION TESTER TRAINING AND CERTIFICATION Lyle Greenhill, Southern Nevada Backflow Services	1301
10:40 - 11:30	BACKFLOW PREVENTION ASSEMBLY TESTING Lyle Greenhill, Southern Nevada Backflow Services	1401
11:30 - 12:50	LUNCH	
12:50 - 1:40	BACKFLOW PREVENTION AND FIRE SUPPRESSION SYSTEMS Kevin Poe, Watts/Ames Corporation	1501
1:40 - 2:00	BREAK	
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, Cross-Connection Control Specialist, City of Henderson	1701

WATER DISTRIBUTION — GRAND BALLROOM A

TIME		Session
7:30 - 8:20	LIFE CYCLE COSTS FOR TANK COATINGS Rocky Owens, Pacific Tank Solutions	1111
8:30 - 9:20	SOLUTIONS FOR WATER QUALITY ISSUES IN YOUR WATER STORAGE TANK Mark Moore, DN Tanks-Concrete Tank Services	1211
9:20 - 9:40	BREAK	
9:40 - 10:30	WATER CUSTOMER METERING ISSUES AND RESPONSES Stephen E. Davis, ARCADIS U.S.	1311
10:40 - 11:30	HOW TO IMPLEMENT A SUCCESSFUL AMR SYSTEM Jimmy L. Terry, National Meter and Automation, Inc.	1411
11:30 - 12:50	LUNCH	
12:50 - 1:40	MANAGING AND IMPROVING WATER QUALITY Dr. Peter S. Fiske, PAX Water Technologies, Inc.	1511
1:40 - 2:00	BREAK	
2:00 - 2:50	THE DEAD END DANGER ZONE Robert Galvin, The Kupferle Foundry Company	1611
3:00 - 3:50	THE IMPORTANCE OF LARGE METER TESTING AND EVALUATION Scott McElroy, M.E. Simpson Co., Inc.	1711

MAINTENANCE — GRAND BALLROOM B

TIME		Session
7:30 - 8:20	PUMPS, CURVES AND SYSTEM HEAD CURVES, PART I Paul Walton, Evans Hydro	1106
8:30 - 9:20	PUMPS, CURVES AND SYSTEM HEAD CURVES, PART 2 Paul Walton, Evans Hydro	1206
9:20 - 9:40	BREAK	
9:40 - 10:30	BYPASS PUMPING EFFICIENCY Nate Warren, Xylem Dewatering Solutions, Inc.	1306
10:40 - 11:30	EARLY DETECTION OF BEARING FAILURES Greg Lee, LUDECA, Inc.	1406
11:30 - 12:50	LUNCH	
12:50 - 1:40	CONDITION MONITORING THRU OIL ANALYSIS Patrick Forgeron, OMA I, Instructor, Analysts, Inc.	1506
1:40 - 2:00	BREAK	
2:00 - 2:50	ELECTRONIC DATA IN TREATMENT PLANTS William Luksha and Alan Fabiano, Woodard & Curran	1606
3:00 - 3:50	POWERFUL UTILITY DATA ON YOUR iPad Scott Wenger, P.E.,and Nancy Heuman, P.E.,Telegraph Engineering LLC	1706

WASTEWATER COLLECTIONS — SONOMA A & B

TIME		Session
7:30 - 8:20	ONE PIECE NOZZLES ENHANCE SAFETY Reinhart Laimer, USB-Sewer Equipment Corporation	1102
8:30 - 9:20	PERMIT REQUIRED CONFINED SPACE ENTRY EQUIPMENT Lenny Lucero, RKI Instruments/Proactive Safety Training Management, LLC	1202
9:20 - 9:40	BREAK	
9:40 - 10:30	HOW TO CHOOSE THE BEST CONFINED SPACE GAS DETECTOR FOR YOUR APPLICATION Michael Calvo, GFG Instrumentation	1302
10:40 - 11:30	WIRELESS SEWER FLOW MONITORING David R. Brown, Hach Company	1402
11:30 - 12:50	LUNCH	
12:50 - 1:40	DIGITAL SIDEWELL SCANNING VERSUS CONVENTIONAL CCTV Steve Sebastian, Envirosight LLC	1502
1:40 - 2:00	BREAK	
2:00 - 2:50	HIGH DEF 360 - COLLECTION SYSTEM SCAN Jason Walborn, Pro-Pipe	1602
3:00 - 3:50	SEWER COLLECTION SYSTEM CLEANING 101 Ken Billingham, KEG GMBH	1702

SAFETY AND SECURITY — NAPA C

TIME		Session
7:30 - 8:20	THE ACTIVE SHOOTER THREAT - PART I John Chadwell, ESH International, Inc.	1108
8:30 - 9:20	THE ACTIVE SHOOTER THREAT - PART II John Chadwell, ESH International, Inc.	1208
9:20 - 9:40	BREAK	
9:40 - 10:30	THE ACTIVE SHOOTER THREAT - PART III John Chadwell, ESH International, Inc.	1308
10:40 - 11:30	THE ACTIVE SHOOTER THREAT - PART IV John Chadwell, ESH International, Inc.	1408
11:30 - 12:50	LUNCH	
12:50 - 1:40	FACILITY EVALUATIONS FOR FP & CS John Bannen, Severn Trent	1508
1:40 - 2:00	BREAK	
2:00 - 2:50	TRENCH & EVACUATION Rick Prince, Prince Consulting	1608
3:00 - 3:50	ASK THE SAFETY PROFESSIONAL - QUESTIONS & ANSWERS John Bannen, E&H, Severn Trent, Rick Prince, Prince Consulting, and Wayne Ziemann, V.P. and Safety Consultant D/W ESH	1708

STORMWATER — HUNTINGTON ROOM

TIME		Session
7:30 - 8:20	NEVADA'S LARGE MS4 AUDITS Steve McGoff, Nevada Division of Environmental Protection-B.W.P.C.	1113
8:30 - 9:20	LAS VEGAS VALLEY MS4 PROGRAM AND UNIQUE FACTORS Dan Fischer, City of Las Vegas, and Joseph Leedy, CCWRD	1213
9:20 - 9:40	BREAK	
9:40 - 10:30	PARKING LOT DESIGN AND WATER QUALITY BMPs Al Jankowiak, P.E., and Angela MacKinnon, P.E., MWH Americas	1313
10:40 - 11:30	DETENTION BASIN DESIGN-CONTROL & WQ Andrew Trelease, P.E., and Angela MacKinnon, P.E., MWH Americas	1413
11:30 - 12:50	LUNCH	
12:50 - 1:40	ONLY RAIN IN THE STORM DRAIN -REACH TARGET AUDIENCES WITH ADVERTISING Joseph Leedy and Ebrahim Juma, Clark County Water Reclamation District	1513
1:40 - 2:00	BREAK	
2:00 - 2:50	ECOSYSTEM SERVICE ENHANCEMENTS OF THE LAS VEGAS WASH Seth Shanahan, Southern Nevada Water Authority	1613
3:00 - 3:50	CIGARETTE BUTT POLLUTION AND YOU Ken Beckstead and Janel Kapsy, Cigarette Pollution Solutions/Cigarette Butt Services	1713

WEDNESDAY, SEPTEMBER 25, 2013

MAINTENANCE — GRAND BALLROOM B

TIME		Session
7:30 - 8:20	POLYMER COATING & REPAIR SYSTEMS Brien Neill, ENECON Corporation	2106
8:30 - 9:20	CATHODIC PROTECTION FOR WATER STORAGE TANKS Jack Ripley, Corrpro Companies, Inc.	2206
9:20 - 9:40	BREAK	
9:40 - 10:30	NEW FLANGE BOLTING & NSF 61 GASKETS Rich Varalla, TRIPAC FASTENERS	2306
10:40 - 11:30	POINT REPAIR, TRENCHLESS TECHNOLOGY Mike and Dina Warner, SOURCE 1 ENVIRONMENTAL	2406
11:30 - 12:50	LUNCH	
12:50 - 1:40	WATER TANK SELECTION, CONSTRUCTION AND MAINTENANCE PART - 1 Matt Tasch and John Hake, Superior Tank Solutions, Inc.	2506
1:40 - 2:00	BREAK	
2:00 - 2:50	WATER TANK SELECTION, CONSTRUCTION AND MAINTENANCE PART - 2 Matt Tasch and John Hake, Superior Tank Solutions, Inc.	2606
3:00 - 3:50	REPAIRING, JOINING AND TAPPING PIPE Patrick Michael, Golden Sun Marketing	2706

WASTEWATER TREATMENT — SONOMA C & D

TIME		Session
7:30 - 8:20	COMPREHENSIVE RENEWAL PLANNING FOR ASSET MANAGEMENT Rebecca Overacre, David Conner, Carollo Engineers	2110
8:30 - 9:20	IMPROVED SLUDGE DEWATERING BY ADVANCED MIXING OF POLYMERIC FLOCCULANT Yong Kim and John Strack, ProMinent Fluid Controls	2210
9:20 - 9:40	BREAK	
9:40 - 10:30	ACTIVATED SLUDGE MICROBIOLOGY I Ronald G. Schuyler, COWAC	2310
10:40 - 11:30	ACTIVATED SLUDGE MICROBIOLOGY II Ronald G. Schuyler, COWAC	2410
11:30 - 12:50	LUNCH	
12:50 - 1:40	BIOLOGICAL NUTRIENT REMOVAL BASICS Matthew Schowengerdt, P.E., Environmental Operating Solutions	2510
1:40 - 2:00	BREAK	
2:00 - 2:50	PROFESSIONAL OPERATOR CERTIFICATION - THE SCIENCE BEHIND EXAMS AND CREDENTIALING John Solvie, Association of Boards of Certification (ABC)	2610
3:00 - 3:50	USING INTERNS TO CREATE A POOL OF EXPERIENCED GRADE I OPERATORS WASTEWATER TREATMENT FACILITIES CAN HIRE FROM Ken Buck, Clark County Water Reclamation District	2710

ENVIRONMENTAL COMPLIANCE /PRETREATMENT — NAPA D

TIME		Session
7:30 - 8:20	BREAKING BAD: THE ENFORCEMENT RESPONSE PLAN Jeff Carter, Coachella Valley Water District	2107
8:30 - 9:20	PROPER PRETREATMENT SAMPLE COLLECTION FROM FIELD TO LAB - CRITICAL PROTOCOLS David Frohnen, P.E., Silver State Labs - Enviro Tech	2207
9:20 - 9:40	BREAK	
9:40 - 10:30	RAGS STEAL OUR RICHES- NON DISPENSABLE MATERIALS CAUSING PROBLEMS IN SEWER SYSTEMS Mary Sue Thompson, Orange County Sanitation District	2307
10:40 - 11:30	PREPARING FOR AN AUDIT - AUDITING BY THE EPA Roya Sohanaki, Orange County Sanitation District	2407
11:30 - 12:50	LUNCH	
12:50 - 1:40	PRETREATMENT AND COMPLEXITY: A GREASE TRAP EVALUATION THAT MORPHED INTO AN INTERESTING LOW pH CAUSATION STUDY Bill Batten, Thermaco, Inc.	2507
1:40 - 2:00	BREAK	
2:00 - 2:50	THE REGULATORY BILL OF RIGHTS Randy De La Garza, City of Surprise "Environmental"	2607
3:00 - 3:50	COMPLIANCE DATA SYSTEM OVERVIEW-CITY OF TEMPE Michael J Golden, City of Tempe	2707

WATER TREATMENT AND SURFACE WATER — NAPA A & B

TIME		Session
7:30 - 8:20	OPTIMIZING STAGE 2 DBP RULE COMPLIANCE USING DIFFUSED AERATION FOR THM REDUCTION: TWO CASE STUDIES Tom Galeziewski, HDR Engineering, Inc.	2114
8:30 - 9:20	CHALLENGES AND SUCCESSES OF CONSTRUCTING AND COMMISSIONING A NEW MEMBRANE WATER PLANT Brad Tackett and Jesus Angulo, Carollo Engineers and PCL Construction	2214
9:20 - 9:40	BREAK	
9:40 - 10:30	WATER QUALITY AND THE WETLANDS CREATED BEHIND THE EROSION CONTROL STRUCTURES IN THE LAS VEGAS WASH Xiaoping Zhow, Southern Nevada Water Authority	2314
10:40 - 11:30	LOW MAINTENANCE TURBIDITY METERS Randy Turner, Swan Analytical USA	2414
11:30 - 12:50	LUNCH	
12:50 - 1:40	TABLET CHLORINATION VS OTHER METHODS Don Iwanski, Axiall Corp.	2514
1:40 - 2:00	BREAK	
2:00 - 2:50	SPLITTING THE FINISHED WATER SYSTEM AT THE VAL VISTA WTP Gordon Thelin, Carollo Engineers	2614
3:00 - 3:50	RENEWAL PLANNING FOR WATER TREATMENT FACILITIES Rebecca Overacre and David Conner, Carollo Engineers	2714

WASTEWATER COLLECTIONS — SONOMA A & B

TIME		Session
7:30 - 8:20	CLEARING THE FROG'S FROM SEWERS: FATS, ROOTS, OILS AND GREASE Brian Conroy, Dukes Root Control, Inc.	2102
8:30 - 9:20	USE, CARE AND REPAIR HI-PRESSURE SEWER CLEANING HOSE Bernie Hengels & Bob Glick, U.E.M.S.I.	2202
9:20 - 9:40	BREAK	
9:40 - 10:30	SEWER BYPASS PUMPING Jonathan Morales, Rain2Day, Inc.	2302
10:40 - 11:30	QUANTITATIVE SEWER ASSESSMENT Andrew O'Keefe, Electro Scan Inc.	2402
11:30 - 12:50	LUNCH	
12:50 - 1:40	COLLECTION SYSTEM MANAGEMENT Rick Allen, BioLynceus	2502
1:40 - 2:00	BREAK	
2:00 - 2:50	PROJECT DELIVERY AND C.M.O.M. COMPLIANCE John D. Warner, Pima County Regional Wastewater Reclamation	2602
3:00 - 3:50	COLLECTION SYSTEM MAINTENANCE Chris Lopez, Rancho California Water District	2702

SAFETY/SECURITY — NAPA C

TIME		Session
7:30 - 8:20	PERMIT REQUIRED CONFINED SPACE ENTRY EQUIPMENT Lenny Lucero, Regional Sales Mgr., RKI	2108
8:30 - 9:20	LOCKOUT TAGOUT - WHAT TO LOOK FOR Chris Armstrong, Western Territory Manager, Master Lock	2208
9:20 - 9:40	BREAK	
9:40 - 10:30	GHS AND HAZARD COMMUNICATION Joy Flack, Area Director for the Department of Labor, (OSHA) Las Vegas	2308
10:40 - 11:30	HUMOR IN SAFETY Tim Page, CSP, Safety Professional, Total Safety Compliance	2408
11:30 - 12:50	LUNCH	
12:50 - 1:40	ERGONOMICS AND MUSCULOSKELETAL DISORDERS Dr. Robert Ostolaza, Fine Chiropractic Center	2508
1:40 - 2:00	BREAK	
2:00 - 2:50	MONITORING CONFINED SPACES Jason Call, Regional Sales Manager, BW Technologies Honeywell	2608
3:00 - 3:50	SLIPS, TRIPS, AND SHIFT Wayne Ziemann, Vice President & Safety Consultant D/W ESH	2708

WATER DISTRIBUTION — GRAND BALLROOM A

TIME		Session
7:30 - 8:20	CIPP PRESSURE PIPE LINERS - GUIDELINES AND OPTIONS George Bontus, Insituform Technologies Limited	2111
8:30 - 9:20	AIR VALVES: FLOW EFFICIENCY AND SURGES Stew Harvey, Golden Sun Marketing	2211
9:20 - 9:40	BREAK	
9:40 - 10:30	UNDERGROUND UTILITY LOCATING - PART 1 Gene Dahle, Pollard Water	2311
10:40 - 11:30	UNDERGROUND UTILITY LOCATING - PART 2 Gene Dahle, Pollard Water	2411
11:30 - 12:50	LUNCH	
12:50 - 1:40	REPAIRING, JOINING, AND TAPPING PIPE Patrick Michael, Golden Sun Marketing	2511
1:40 - 2:00	BREAK	
2:00 - 2:50	HYDRAULICS AND PUMP CURVES 101 Kara D. Festa, P.E., Westland Resources Inc.	2611
3:00 - 3:50	SURGE IN WATER SYSTEMS Craig Cannizzaro, P.E., Westland Resources Inc.	2711

THURSDAY, SEPTEMBER 26, 2013

MAINTENANCE — GRAND BALLROOM B

TIME		Session
7:30 - 8:20	INTRODUCTION TO METERING PUMPS Don Watkins, Grundfos Pumps	3106
8:30 - 9:20	WELL MAINTENANCE, DATA AND PROCESSES - PART 1 Geoffrey Bates, General Pump Company, Inc.	3206
9:20 - 9:40	BREAK	
9:40 - 10:30	WELL MAINTENANCE, DATA AND PROCESSES - PART 2 Geoffrey Bates, General Pump Company, Inc.	3306
10:40 - 11:30	THE RIGHT IMPELLER, THE RIGHT PUMP Gary Ham, Crane Pumps & Systems	3406
11:30 - 12:50	LUNCH	
12:50 - 1:40	INTEGRATED ROOT CONTROL Justin Fearn, Douglas Products	3506
1:40 - 2:00	BREAK	
2:00 - 2:50	MECHANICAL SEALS Paul Walton, Evans Hydro	3606
3:00 - 3:50	PUMP MATH Paul Walton, Evans Hydro	3706

GROUND WATER & RECHARGE — NAPA D

TIME		Session
7:30 - 8:20	ARSENIC REMOVAL FROM GROUNDWATER James J. Pardini, Isolux Technologies Division, MEL Chemicals, Inc.	3104
8:30 - 9:20	ASR WELL OPERATION AND MAINTENANCE Tom Morris, ASR Systems	3204
9:20 - 9:40	BREAK	
9:40 - 10:30	NOT JUST ANOTHER PUMP IN THE SYSTEM Gary C. Burchard, R.G., Metropolitan Domestic Water Improvement District	3304
10:40 - 11:30	EFFICIENT WELL DESIGN PRINCIPLES Kevin McGillicuddy, P.G., Roscoe Moss Company	3404
11:30 - 12:50	LUNCH	
12:50 - 1:40	OTHER USES FOR OIL AND GAS WELL DATA Jesse Crews, P.G., JRC Geoscience	3504
1:40 - 2:00	BREAK	
2:00 - 2:50	WATER BANKING IN THE WESTERN U.S. Carlos Ronstadt, Brownstein Hyatt Farber Schreck, LLP	3604
3:00 - 3:50	GROUNDWATER IN THE SALT RIVER BASIN Ryan Mitchell, Clear Creek Associates	3704

LABORATORY — NAPA C

TIME		Session
7:30 - 8:20	THE IMPORTANCE OF THE CHAIN OF CUSTODY-BEING A LEGAL DOCUMENT AND WHY Dianne Frydrych, LEGEND Technical Services	3105
8:30 - 9:20	WATERBORNE BACTERIAL PATHOGENS Charles J. Meyer, Southern Nevada Water Authority	3205
9:20 - 9:40	BREAK	
9:40 - 10:30	WASTEWATER LABORATORY PRACTICES Dana LaRance, City of Henderson, Department of Utility Services, Water Quality Laboratory	3305
10:40 - 11:30	FIELD SAMPLING Rita Smith, City of Henderson, Department of Utility Services, Water Quality Laboratory	3405
11:30 - 12:50	LUNCH	
12:50 - 1:40	INSTRUMENT BASED SAMPLING IN LAKE MEAD BY MULTIPLE AGENCIES: HOW CLOSE CAN YOU GET? Todd Tietjen, Southern Nevada Water Authority	3505
1:40 - 2:00	BREAK	
2:00 - 2:50	JAR TESTING: MORE SCIENCE, LESS ART Melody White, Hach Company	3605
3:00 - 3:50	CHEMICAL HANDLING IN THE LABORATORY Steven Ross, Las Vegas Valley Water District	3705

WATER DISTRIBUTION — GRAND BALLROOM A

TIME		Session
7:30 - 8:20	THE AGING BISBEE WATER SYSTEM Andy Haas, Arizona Water Co.	3111
8:30 - 9:20	VARIABLE FREQUENCY DRIVES Daniel Lamm, City of Scottsdale	3211
9:20 - 9:40	BREAK	
9:40 - 10:30	INTELLIGENT WATER AND ORGANIZATIONAL CULTURE Terry Biedermann, General Electric Intelligent Platforms	3311
10:40 - 11:30	CONDITION ASSESSMENT OF LARGE DIAMETER PIPELINES: DRIVERS, TOOLS & TECHNIQUES Timothy M. Thomure, HDR Engineering, Inc.	3411
11:30 - 12:50	LUNCH	
12:50 - 1:40	CONDITION ASSESSMENT OF RESERVIORS: DRIVERS, TOOLS & TECHNIQUES Timothy M. Thomure, HDR Engineering, Inc.	3511
1:40 - 2:00	BREAK	
2:00 - 2:50	ACOUSTIC METHODS FOR DETERMINING REMAINING STRUCTURAL WALL INTEGRITY AND PINPOINTING LEAKS Carl Sharkey, Echologics, LLC	3611
3:00 - 3:50	AMI SYSTEM BENEFITS, SYSTEM SELECTION, PROJECT MANAGEMENT AND DEPLOYMENT STRATEGIES Matthew Roeder, Dana Kepner Company, and Assim Elazami, Sensus Metering	3711

RECLAIM/REUSE — NAPA B

TIME		Session
7:30 - 8:20	DISTRIBUTED VS. CENTRALIZED REUSE Bahman Sheikh, Ph.D., P.E., Water Reuse Specialist Consultant	3109
8:30 - 9:20	RECYCLED WATER EXPANSION IN VENTURA, CA Elisa Garvey, Carollo Engineers	3209
9:20 - 9:40	BREAK	
9:40 - 10:30	INFLUENCER-FOCUSED OUTREACH SYSTEM Ron Wildermuth, West Basin MWD	3309
10:40 - 11:30	POTABLE REUSE: OUR NEXT WATER RESOURCE Bahman Sheikh, Ph.D., P.E., Water Reuse Consultant	3409
11:30 - 12:50	LUNCH	
12:50 - 1:40	WateReuse ASSOCIATION UPDATE Bahman Sheikh, Ph.D., P.E., Water Reuse Consultant	3509
1:40 - 2:00	BREAK	
2:00 - 2:50	SNAP SHOT OF CALIFORNIA WATER REUSE Kim Dean, P.E., Soon Dean and Associates	3609
3:00 - 3:50	TBA	3709

WASTEWATER COLLECTIONS — SONOMA A & B

TIME		Session
7:30 - 8:20	ANALYZING SYSTEM PERFORMANCE ISSUES Lee Dougherty, Flowserve	3102
8:30 - 9:20	EFFECTIVE VAPOR PHASE ODOR CONTROL James Joyce, P.E., V & A Consulting Engineers	3202
9:20 - 9:40	BREAK	
9:40 - 10:30	CONTROLLING ODORS AND CORROSION IN WASTEWATER CONVEYANCE SYSTEMS Scott Henrich, Ipex USA, LLC	3302
10:40 - 11:30	WORK ZONE SAFETY Earl Mahan, Nevada Chapter - American Traffic Safety Services Association	3402
11:30 - 12:50	LUNCH	
12:50 - 1:40	METHODS OF H2S CONTROL IN THE COLLECTION SYSTEM Inken Mello, ECO Oxygen Technologies	3502
1:40 - 2:00	BREAK	
2:00 - 2:50	LOCATING PRIVATE LATERAL INFILTRATION Mark Grabowski, Electro Scan, Inc.	3602
3:00 - 3:50	SUCCESSFUL ADMINISTRATION OF PRIVATE SEWER LATERAL COMPLIANCE INITIATIVES Bob Grenier, TRIC Tools, Inc.	3702

MATH — SONOMA C & D

TIME		Session
7:30 - 8:20	MATH MADE EASY FOR ALL WATER AND WASTEWATER OPERATORS PART 1 Paul Krauth, Utah Division of Wastewater Quality	3112
8:30 - 9:20	MATH MADE EASY FOR ALL WATER AND WASTEWATER OPERATORS PART 2 Paul Krauth, Utah Division of Wastewater Quality	3212
9:20 - 9:40	BREAK	
9:40 - 10:30	MATH MADE EASY FOR ALL WATER AND WASTEWATER OPERATORS PART 3 Paul Krauth, Utah Division of Wastewater Quality	3312
10:40 - 11:30	MATH MADE EASY FOR ALL WATER AND WASTEWATER OPERATORS PART 4 Paul Krauth, Utah Division of Wastewater Quality	3412
11:30 - 12:50	LUNCH	
12:50 - 1:40	MATH MADE EASY FOR ALL WATER AND WASTEWATER OPERATORS PART 5 Paul Krauth, Utah Division of Wastewater Quality	3512
1:40 - 2:00	BREAK	
2:00 - 2:50	MATH MADE EASY FOR ALL WATER AND WASTEWATER OPERATORS PART 6 Paul Krauth, Utah Division of Wastewater Quality	3612
3:00 - 3:50	MATH MADE EASY FOR ALL WATER AND WASTEWATER OPERATORS PART 7 Paul Krauth, Utah Division of Wastewater Quality	3712

INSTRUMENTATION/ ELECTRICAL/CONTROL — NAPA A

TIME		Session
7:30 - 8:20	ELECTRICAL MAINTENANCE FOR SAFETY- PART 1 David Kreger, Emerson Network Power- Electrical Reliability Services, Inc.	3103
8:30 - 9:20	ELECTRICAL MAINTENANCE FOR SAFETY- PART 2 David Kreger, Emerson Network Power- Electrical Reliability Services, Inc.	3203
9:20 - 9:40	BREAK	
9:40 - 10:30	ELECTRICAL MAINTENANCE FOR SAFETY- PART 3 David Kreger, Emerson Network Power- Electrical Reliability Services, Inc.	3303
10:40 - 11:30	FLOW METER DATA CALLING ON LINE 1 Mike Tidwell, Mike Tidwell & Associates, LLC.	3403
11:30 - 12:50	LUNCH	
12:50 - 1:40	CUSTOM SOFTWARE CAN! - Enhance Existing Enterprise Applications Mike Pierson, Pierson Software, Inc.	3503
1:40 - 2:00	BREAK	
2:00 - 2:50	POWER TRANSFER CONTROL METHODOLOGY John A. Travis, Control Power Concepts	3603
3:00 - 3:50	VOLTAGE SYSTEMS & POWER DISTRIBUTION David E. Carhart, National Park Service	3703

WORKSHOP CERTIFICATION

Tuesday, September 24 — JOSHUA Session

7:30 - 11:30 (4 hr. class) — **TEMPORARY TRAFFIC CONTROL WORK ZONE SAFETY** — 1115
John Bannen, & Severn Trent Services

Tuesday, September 24 — REDWOOD Session

12:50 - 3:50 — **OSHA 10 HOUR FOR GENERAL INDUSTRY** — 1215
Tim Page and John Bannen, Total Safety Compliance

Tuesday, September 24 — CYPRESS Session

7:30 - 3:50 — **PERMIT REQUIRED CONFINED SPACE ENTRY CERTIFICATION** — 1315
Rick Prince, Prince Consulting

Tuesday, September 24 — PALM Session

7:30 - 3:50 — ***** 3 DAY CLASS *** NASSCO INFRASTRUCTURE CONDITION ASSESSMENTS (PACP, MACP, AND LACP)** — 1415
Marilyn Shepard, NASSCO Master Trainer, International Training Rehab Technologies

Wednesday, September 25 — REDWOOD Session

7:30 - 3:50 — **OSHA 10 HOUR FOR GENERAL INDUSTRY** — 2115
Tim Page and John Bannen, Total Safety Compliance

Wednesday, September 25 — CYPRESS Session

7:30 - 3:50 — **PERMIT REQUIRED CONFINED SPACE ENTRY CERTIFICATION** — 2215
Rick Prince, Prince Consulting

Wednesday, September 25 — PALM Session

7:30 - 3:50 — ***** 3 DAY CLASS *** NASSCO INFRASTRUCTURE CONDITION ASSESSMENTS (PACP, MACP, AND LACP)** — 2315
Marilyn Shepard, NASSCO Master Trainer, International Training Rehab Technologies

Thursday, September 26 — PALM Session

7:30 - 3:50 — ***** 3 DAY CLASS *** NASSCO INFRASTRUCTURE CONDITION ASSESSMENTS (PACP, MACP, AND LACP)** — 3115
Marilyn Shepard, NASSCO Master Trainer, International Training Rehab Technologies

TOURS

AVAILABLE TO 20 ATTENDEES:
Attendees must have ticket and registered.
Bus loading area in front of Southpoint

Wednesday, September 25, 2013
SESSION 2113
7:30 - 11:30

VENETIAN HOTEL TOUR
ROBUST RECYCLING SOLIDS WASTE MANAGEMENT PROGRAM

Linda Grossman, CCWRD

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 (e.g., driver's license or current passport) along with their ticket as they board the bus.

AVAILABLE TO 90 ATTENDEES:
Attendees must have ticket and registered.
Bus loading area in front of Southpoint

Thursday, September 26, 2013
SESSION 3110
1:00 - 3:50

THE KURT R. SEGLER WASTEWATER TREATMENT FACILITY TOUR - STATE OF THE ART NUTRIENT REMOVAL AND RECLAIMED WATER MANAGEMENT

Howard Analla, City of Henderson,
Kurt R. Segler Water Reclamation Facility

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 (e.g., driver's license or current passport) along with their ticket as they board the bus.