

GROUNDWATER & WATER WELLS

Current groundwater issues in South Texas
Effective & economic well design and operation
(Conference/workshop - 8:00am to 4:20pm)



Thursday November 16th 2017
Holiday Inn San Antonio Downtown Market Square
318 W Cesar E. Chavez Blvd., San Antonio, TX 78204



An American Ground Water Trust education program



Continuing Education

AGWT will issue Certificates of Attendance (Engineers & other professions)
Water Well Drillers/Pump Installers – Approved 8 Hours Course #17862; Provider #1701



Program Sponsors

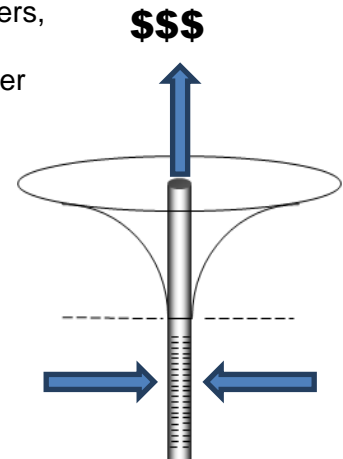


Who should be there?



Groundwater managers, utility supply professionals, well contractors, pump installers, water well equipment suppliers, water well owners, end-users and operators of high-yield water wells, groundwater specialists, water supply engineering & design consultants, water supply permitting and water quality regulatory officials

- REDUCING WATER WELL LIFE-CYCLE COSTS
- WHAT DOES AQUIFER SUSTAINABILITY MEAN?
- GROUNDWATER SUPPLY ASSET MANAGEMENT
- SELECTIVE ZONAL GROUNDWATER EXTRACTION
- MATCHING DRILLING TECHNOLOGY TO THE GEOLOGY
- DEEP WELL INJECTION DISPOSAL WELLS IN SOUTH TEXAS
- WELL HYDRAULICS: PUMP SELECTION TO MAXIMIZE YIELD
- ROLE OF GROUNDWATER IN LONG TERM SUPPLY PLANNING
- USING CHEMICALS TO INCREASE WATER WELL PRODUCTIVITY
- WELL DESIGN CRITERIA TO OPTIMIZE RETURN ON INVESTMENT
- COMMUNICATING INNOVATIONS IN WELL DESIGN & OPERATION
- DEVELOPING THE BRACKISH WATER RESOURCES OF SOUTH TEXAS
- HOW AND WHY TO SELECT INTELLIGENT PUMP VARIABLE FREQUENCY DRIVES



7:00am – 8:00	REGISTRATION (coffee & pastries)
8:00 – 8:10	GROUNDWATER SUSTAINABILITY: WHAT DOES IT MEAN? CAN IT BE ACHIEVED? Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH
8:10 – 8:50	DEEP WELL INJECTION DISPOSAL WELLS IN SOUTH TEXAS Grant L. Snyder, Vice-President/ Principal Hydrogeologist, GLS Solutions, Inc., San Antonio, TX
8:50 – 9:35	THE CHALLENGE OF COMMUNICATING INNOVATIONS ON WATER WELL DESIGN, OPERATION EFFICIENCY AND MAINTENANCE TO ENGINEERS, CONTRACTORS AND END-USERS Kevin McGillicuddy, Senior Hydrogeologist, Roscoe Moss Company, Los Angeles, CA
9:35 – 10:20	HOW TO DRIVE DOWN LIFE-CYCLE COSTS WITH WELL MANAGEMENT AND MAINTENANCE Neil Mansuy, Vice President - Technical, Subsurface Technologies, Kansas City, MO
10:20 – 10:40	BREAK
10:40 – 11:20	SELECTIVE ZONAL GROUNDWATER EXTRACTION AS AN ALTERNATIVE TO TREATMENT. Noah Heller, BESST Inc, San Rafael, CA, Steve Young, INTERA Inc, Austin, TX Mitchell Brouman, Field Data Solutions, Houston, TX
11:12 - 12:00pm	ECONOMICS OF DEVELOPING THE BRACKISH WATER RESOURCES OF SOUTH TEXAS Hughbert Collier, Vice President, Collier Consulting, Stephenville, TX
12:00 – 1:00	LUNCH (Included)
1:00 – 1:50	THE BASICS OF WELL HYDRAULICS (FROM AQUIFER TO WELL TO PUMP) SELECTION AND MAINTENANCE OF PUMPS FOR MAXIMIZING WELL YIELD/ COST BENEFITS David Kill, P.E., Training Consultant, Xylem Goulds Water Technology, St. Paul, MN
1:50 - 2:40	INTELLIGENT PUMP VARIABLE FREQUENCY DRIVES MAXIMIZE PRODUCTION AND EFFICIENCY Dan Peters, Applications Engineer, Yaskawa America, Inc., Cypress, CA
2:40 – 2:50	BREAK
2:50 – 3:30	WELL PERFORMANCE SOLUTIONS Kevin McGinnis, President, Cotey Chemicals, Lubbock, TX
3:30 - 4:10	BENEFITS OF REVERSE CIRCULATION: MATCHING DRILLING TECHNOLOGY TO GEOLOGICAL CONDITIONS Fred Rothauge, Business Development Manager, Hydro Resources, Fort Lupton, CO
4:10 – 4:20	WRAP-UP AND CONTINUING EDUCATION SIGN-OUT