

OPERATIONAL PREPAREDNESS

Are You Ready for the Storm?

August 8, 2018 | 8:00 AM - 4:30 PM | Addison, TX

Addison Conference Center, 15650 Addison Rd, Addison, TX 75001

Presented by

WEAT Safety & Security Committee
WEAT Electrical & Instrumentation Committee



Water Environment
Association of Texas

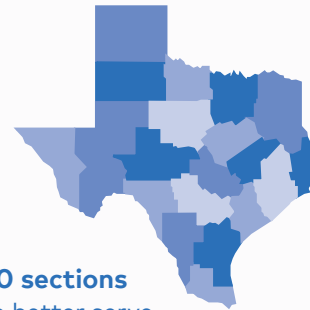
Welcome

Welcome to the third biennial Operational Preparedness Symposium. As federally designated Critical Infrastructure facilities, it is important for water and wastewater utilities to guard against potential disruptions caused by both natural disasters and human conduct. In light of consistently increasing cyber attacks and severe storms which have ravaged Texas in recent years, the WEAT Safety and Security Committee and the WEAT Electrical and Instrumentation Committee have collaborated to produce this program for knowledge sharing between utilities across Texas as well as local, state, and federal government agencies.

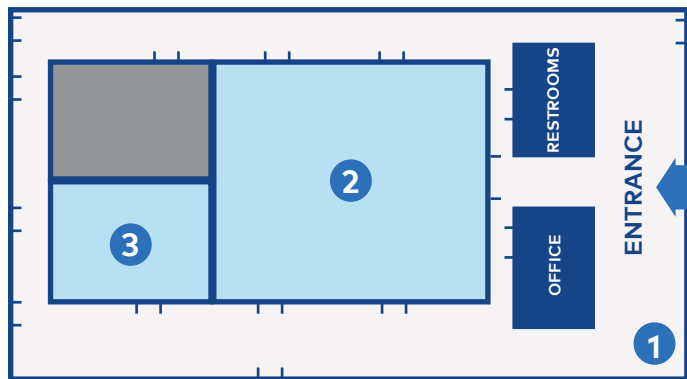
This year's focus is **ARE YOU READY FOR THE STORM?** to cover both literal and metaphorical storms which may affect the water/wastewater industry.

Water Environment Association of Texas

WEAT is your expert on water quality in the state of Texas. We exist to preserve, protect, and enhance the state's water resources for Texans to enjoy.



20 sections
to better serve
our members



CONFERENCE MAP

- 1 Registration
- 2 Breakfast & Lunch
- 2 Safety & Security Sessions
- 3 Electrical & Instrumentation Sessions

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AGENDA

SAFETY & SECURITY : Buckhorn/Sycamore/Sophora Rooms		ELECTRICAL & INSTRUMENTATION : Acacia Room	
7:30 AM		Registration and Networking	
8:00 AM	Welcoming Remarks Rick Hidalgo, PE - President - Signature Automation Julie Nahrgang - Executive Director - WEAT Jeff Sober, PE - Past President - WEAT		
8:30 AM	DHS Cybersecurity Assessments and Resources Chad Adams - Cybersecurity Advisor, Region VI - U.S. Dept. of Homeland Security, Office of Cybersecurity and Communications	Trinity Watershed Management Storm Water Protection Dhruv Pandya - Assistant Director, Trinity Watershed Management - City of Dallas	
9:15 AM		Networking Break	
9:30 AM	Cyber War Game: How Will You React? *Table Top Exercise Doug Short, CISM - Chief Information Security Officer - Trinity River Authority Todd Hatcher, CISSP, CEH - IT Cyber Security Operations Specialist - Tarrant Regional Water District John Bennett - Program Manager - Trinity River Authority Denton Creek Regional Wastewater System Kyle Parks - Security Consultant - Delta Risk LLC Juliana Wafer, PE - Senior Project Manager - Signature Automation	Media Relations During a Crisis Response *Panel Discussion George Luke, PE - Engineering Manager - Gupta and Associates Mary Gugliuzza - Media Relations and Communications Coordinator - City of Fort Worth Water Department Kevin Oden, CEM - Assistant Emergency Management Coordinator - City of Dallas Janet Rummel - Public Relations and Communications Officer - North Texas Municipal Water District	
11:00 AM	In the Face of Uncertainty: Preparation, Communication, and Performance Brad Peck, CSP - Director, Safety & Health - Gulf Coast Authority	Reliable Remote Communications Tim Reid - Enterprise IT Infrastructure Manager - Tarrant Regional Water District Jason Reedy - SCADA Automation Operator - Tarrant Regional Water District	
11:45 AM		Lunch and Keynote Address Sarah Haak, MBA, MSHSM - District Coordinator Garland, Field Response - Texas Div. of Emergency Management, Texas Homeland Security, Texas Dept. of Public Safety	
1:00 PM	Weathering the Storm *Panel Discussion Andy Paulson, PE - Design Manager - Signature Automation Dan Halter, PE, ENV SP - Senior Program Manager - Dallas Water Utilities Central Wastewater Treatment Plant Kenneth Knight - SCADA System Specialist - Corpus Christi Water Utilities Sean McMillan, PE - Electrical Division Manager - Jones & Carter Brad Peck, CSP - (see presentation above)	TRA CRWS Power Outage: April 21, 2018 *Panel Discussion George Luke, PE - Engineering Manager - Gupta and Associates Rudy Hinkle - Electrical Maintenance Supervisor - Trinity River Authority Mike Querry - Construction Inspection Supervisor - Trinity River Authority Mike Young - Manager of Operations - Trinity River Authority Central Regional Wastewater System	
2:15 PM	Preparedness Training Assistance Provided by Texas Dept. of Public Safety Paul Hahn Jr - Training Unit Supervisor, Preparedness / FEMA Region VI Liaison to NDPC - Texas Div. of Emergency Management, Texas Homeland Security, Texas Dept. of Public Safety	Garland Wastewater Treatment Process Redundancy Bill Gase - Director of Wastewater Treatment - City of Garland Alex Stuart - Plant Superintendent - City of Garland Duck Creek Wastewater Treatment Plant	
3:00 PM		Networking Break	
3:15 PM	Emergency Preparedness Action Planning *Panel Discussion David Milligan, CSP - Health and Safety Manager - North Texas Municipal Water District Paul Hahn Jr - (see presentation above) JB Gregory, M.Ed - Environmental Health and Safety Training Manager - OSHA Training Institute Education Center, Texas A&M Engineering Extension Service Darrell Lofton - Team North Regional Manager - Texas OSHA Consultation Program (OSHCN), Texas Dept. of Insurance Division of Workers' Compensation	Portable Generator vs Permanently Installed *Panel Discussion Anthony Scudleri, PE - Design Manager - Prime Controls Jon Kendall - Electrical Supervisor - City of Arlington M. Scott Thomas - General Manager, Sales Application Engineering - Cummins Sales and Service Ronnie Tyler - EPG Sales - Holt-Cat	

Program Hosts

TECHNICAL CHAIRS



SAFETY & SECURITY COMMITTEE CO-CHAIR / PROGRAM HOST

Rick Hidalgo, PE

Rick is President of Signature Automation, an engineering design firm specializing in electrical, instrumentation and control systems in the water/wastewater industry. He began his career in 1988 as a systems integrator, programming and commissioning industrial control systems for clients throughout the U.S. In 1998, Rick transitioned to the design arena and has since delivered projects ranging from master planning through final commissioning. In 2012, he co-founded Signature Automation, which was recognized in 2017 by the Dallas Business Journal as one of the fastest growing, privately held companies in the area. Rick is a longtime WEAT volunteer, currently serving as Vice President, as Co-Chair of the Safety & Security Committee, and as a member of the Electrical & Instrumentation Committee. In 2013, he joined forces with Kyle Parks and Chris Fogle to organize the first Operational Preparedness Symposium. Since then, he has garnered the assistance of numerous volunteers from the two WEAT committees to make this recurring event a success.



SAFETY & SECURITY COMMITTEE CO-CHAIR / MODERATOR

David Milligan, CSP

David is the Health and Safety Manager for North Texas Municipal Water District (NTMWD), and leads a team of professionals to identify hazards in the workplace and recommend effective risk mitigation strategies. He is a member of the Z490 Accredited Standards Committee of the American National Standards Institute (ANSI) Z490 Criteria for Accepted Practices in Safety, Health & Environmental Training standard. Prior to joining NTMWD, David served in Safety and Occupational Health positions with the U.S. Army Corps of Engineers, NASA, Texas A&M University Engineering Extension Service (TEEX), and Disneyland Resort. As a former U.S. Army Aviation Safety Officer, David held various safety and health positions and supervised both military and civilian personnel. At the invitation of the Assistant Secretary of Labor, OSHA, he also served as a U.S. Delegate to the 5th EU-US Joint Conference on Occupational Safety and Health, 2007, in Cascais, Portugal.



ELECTRICAL & INSTRUMENTATION COMMITTEE COORDINATOR / MODERATOR

George Luke, PE

George is the Engineering Manager at Gupta and Associates, where he manages a staff that includes 12 PEs and over 20 other professionals. He is an electrical design engineer with 35 years of professional engineering and project management experience. His background includes electrical distribution and controls as well as instrumentation and controls engineering with extensive applications in both domestic and international projects. He has designed and managed projects for oil/gas operations, semiconductor manufacturing, and water and wastewater facilities.

HOST ORGANIZATION - WEAT



EXECUTIVE DIRECTOR

Julie Nahgang



PAST PRESIDENT

Jeff Sober, PE



Featured Guests

KEYNOTE SPEAKER



KEYNOTE SPEAKER

Sarah Haak, MBA, MSHSM - *Texas Department of Public Safety*

Sarah is a District Coordinator with the Texas Division of Emergency Management (TDEM). Her area of responsibility (AOR) is district 4B in North Central Texas, which covers 144 jurisdictions including the DFW Metroplex. She is responsible for coordinating and delivering emergency management and homeland security programs at the state level with local governments, emergency response organizations, regional organizations, other state agencies, volunteer groups and private industry. During her time with TDEM she has responded to 7 federally declared disasters and a multitude of state and local disasters including the 2014 Ebola incident, the 2016 Dallas Police Shootings, and Hurricane Harvey in 2017. Prior to joining TDEM, Sarah spent 10 years working with the Federal Government in Washington, DC, including 3 years of policy analytics with the Department of Homeland Security and 7 years at the National Institutes of Health.

SAFETY & SECURITY

listed in order of appearance



PRESENTER - DHS Cybersecurity Assessments and Resources

Chad Adams - *U.S. Department of Homeland Security (DHS)*

Chad is a Cyber Security Advisor for DHS Region Six with the Office of Cyber Security and Communications, where he provides cyber related support, assessments, outreach, and incident coordination with government organizations and agencies for the Critical Infrastructure sector. He has over 15 years of experience in Cyber Security, threat mitigation, risk management, advanced IT support, and complex system design and support. Chad holds a degree in Information Systems Management and Security as well as various certifications in complex system design, support, security, management, and IT support. Chad previously worked for Quest Software, Inc. and also Dell Computers as a Unix/Linux complex systems agent supporting Government and Large Sector organizations. More recently, he worked in Government service as a team leader in cyber security assessments, federal cyber security audits, and threat mitigation.



MODERATOR - Cyber War Game: How Will You React?

Doug Short, CISM - *Trinity River Authority of Texas*

Doug is the Chief Information Officer for the Trinity River Authority of Texas, where he leads all aspects of information technology and security. The Trinity River Authority of Texas (TRA) is a conservation and reclamation district providing water and wastewater treatment, along with recreation and reservoir facilities, for municipalities within the nearly 18,000-square-mile Trinity River basin. Prior to joining TRA, Doug served 28 years in the U.S. Air Force, retiring as a Lieutenant Colonel in 2014. His career highlights include service on the Joint Chiefs of Staff, command of two squadrons, and standup of the Air Force's Undergraduate Cyber Training Course.



PANELIST - Cyber War Game: How Will You React?

John Bennett - *Trinity River Authority of Texas*

John has been the Manager of the TRA Denton Creek Regional Wastewater System since 2003. His plant treats 100% of the flow from Texas Motor Speedway during NASCAR sanctioned events three times a year. Under his leadership, the DCRWS staff has not had a TCEQ permit infraction during any NASCAR-sanctioned events and in 2012 was recognized with its eighth NACWA Platinum Award for eight years without any NPDES permit excursions. In addition to his role with TRA, he is also a former President of WEAT. Throughout his career, he has held several leadership positions at the local executive committee and state board level. He founded WEAT's Safety Committee in 1999 and received the Sidney Bedell Award in 2011 for outstanding contributions to the water environment profession, as well as to the state and national professional organizations.





PANELIST - Cyber War Game: How Will You React?

Todd Hatcher, CISSP, CEH - Tarrant Regional Water District

Todd is an IT Cyber Security Operations Specialist at Tarrant Regional Water District (TRWD), where he shapes the organization's cybersecurity posture and works directly with upper management, staff, product development, and new technology to improve the IT systems' readiness for ever-changing threat vectors. He has over 20 years of IT leadership experience including past roles serving as the IT Infrastructure Manager for TRWD and Sr. Information Technology Analyst for the City of Fort Worth Water Department. Todd is a Certified Information Systems Security Professional (CISSP) and a Certified Ethical Hacker (CEH), and he has implemented a new Security Operations Center as well as a Cyber Training Awareness Program since assuming his current role in 2016.



PANELIST - Cyber War Game: How Will You React?

Kyle Parks - Delta Risk LLC

Kyle is a Security Consultant Associate with Delta Risk LLC. He has 7+ years of experience managing the development of an internal security practice that focused on Physical Security, Cybersecurity, IT/Networking and Emergency Management. Kyle has been the Project Manager on various security projects for clients in the water, wastewater and aviation industries. He brings innovative insight and knowledge of security aspects to Delta Risk which he gained from his studies and military background. Kyle's experience, coupled with his knowledge from working closely with various agencies such as DHS, TSA, and the USEPA, has rendered him well suited for evaluating and overseeing many aspects of security, both physical and cyber.



PANELIST - Cyber War Game: How Will You React?

Juliana Wafer, PE - Signature Automation

Juliana is a Senior Project Manager based in Signature Automation's San Antonio office. She is a licensed control systems engineer with 10+ years of experience in automation and a background in control systems integration, configuration, programming, and commissioning. Juliana brings a wealth of knowledge of the inner workings of control systems gained through her past experiences on a multitude of platforms. She has programmed a wide variety of controllers, HMIs, and OITs and has provided SCADA operations and maintenance training to support the systems she has commissioned. Her experience includes 24/7 on-call services to troubleshoot process control and monitoring issues for water/wastewater utilities across Texas.



PRESENTER - In the Face of Uncertainty: Preparation, Communication, and Performance
PANELIST - Weathering the Storm

Brad Peck, CSP - Gulf Coast Authority

Brad is the Director of Safety and Health for Gulf Coast Authority (GCA), which provides industrial and municipal wastewater treatment services in the Houston, Texas, area. GCA's internal planning efforts left the utility well prepared for Hurricane Harvey in 2017, with all but one facility able to maintain continuous operations at maximum capacity throughout the storm despite mobility issues which prevented operator shift changes for as long as three days.



MODERATOR - Weathering the Storm

Andy Paulson, PE - Signature Automation

Andy is the Design Manager at Signature Automation, where he focuses on assessment and design of instrumentation and control systems, security systems, and supervisory control and data acquisition (SCADA). He is a licensed control systems engineer with 15+ years of design, project management, and construction management experience in the water/wastewater, private industry, and oil and gas sectors. His engineering experience and expertise includes instrumentation, process control, programmable logic controllers (PLC), distributed control systems (DCS), panel design, wired and wireless networking, radio communications, security systems, and electrical design.





PANELIST - Weathering the Storm

Dan Halter, PE, ENV SP - Dallas Water Utilities

Dan is the Plant Manager of the Dallas Water Utilities (DWU) Central Wastewater Treatment Plant. His plant is a publicly owned, ISO 9001, 14001 and OHSAS 18001 certified facility permitted to treat 170 million gallons of raw wastewater per day with a peak of 350 MGD. In his almost 20 years of service, Dan has implemented several innovative changes including developing a nationally recognized predictive maintenance program and overseeing the implementation of the Lean Six Sigma program at his facility. In Spring 2015, he led the plant through five major weather events in a span of four weeks which caused major flooding and power issues. The area had been in drought conditions for the previous five years and as a result, knowledge retainage and knowledge lost through retirements made operating the plant very challenging.



PANELIST - Weathering the Storm

Kenneth Knight - Corpus Christi Water Utilities

Kenneth Knight is a Senior System Specialist for the SCADA program at the O.N. Stevens Water Treatment Plant in Corpus Christi, Texas. He programs, builds, develops and troubleshoots PLCs and other SCADA system related hardware and software. His background is in process automation, electrical repair and theory, communications and radar. Prior to joining the City, he spent 10 years in the US Navy as an Electronics Technician and then five years in the oilfield as an Automation Technician and Foreman.



PANELIST - Weathering the Storm

Sean McMillan, PE - Jones/Carter

Sean is the Division Manager for the Electrical Division of the Jones|Carter Water Practice. He is a licensed control system engineer and ISA/IEC 62443 Cybersecurity Expert with experience in the electrical, instrumentation, and SCADA design of multiple wastewater treatment plant, lift station, water plant and utility projects. As Jones|Carter is the district engineer for many municipal utility districts that were affected by Hurricane Harvey, Sean assisted those districts with recovery efforts by helping them to restore equipment back online and plan for how to prepare for the next storm.



PRESENTER - Preparedness: An Overview of Training Assistance Provided by Texas Dept. of Public Safety
PANELIST - Emergency Preparedness Action Planning

Paul Hahn Jr - Texas Department of Public Safety (DPS)

Paul currently serves as the Texas Division of Emergency Management Training Unit Supervisor for Texas DPS. His past roles with the agency include serving as one of two State Training Officers and the State Administrative Training Point of Contact for the Division of Emergency Management. Prior to joining Texas DPS in 2010, he served 22 years in the U.S. Navy, retiring as a Chief Petty Officer in the Master at Arms Rating (Navy Law Enforcement Specialist). After retirement, he held multiple civilian roles in the Department of the Navy and later joined Battelle Memorial in Naples, Italy, where he oversaw Emergency Management Training and Collaborative Exercises for all of U.S. Naval Region Europe and North Africa. While in Italy, he also completed a brief stint as a Security Specialist with the Naval Criminal Investigative Service (NCIS).



PANELIST - Emergency Preparedness Action Planning

JB Gregory, M.Ed - TEEX OSHA Training Institute Education Center

JB serves as the Environmental Health and Safety Training Manager for the TEEX OSHA Training Institute Education Center in Mesquite, TX. He has over 30 years of experience working with federal, state, and local agencies as well as private employers in the field of occupational safety and regulatory compliance. Prior to being promoted to Training Manager, he served as a Senior Instructor for TEEX for 15 years. JB has worked in the field of occupational safety with both national and international clients in companies ranging from 2 to over 800,000 employees in both union and non-union environments. He received his M.Ed. in 2005 from the University of Oklahoma with an emphasis in adult training and development.





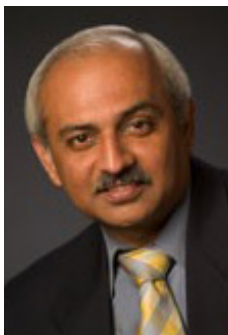
PANELIST - Emergency Preparedness Action Planning

Darrell Lofton - *Texas OSHA Consultation Program*

Darrell has been the Team North Regional Manager of the Texas OSHA Consultation program at the Texas Department of Insurance, Division of Workers' Compensation (TDI) for eight years, where he manages consultants in eight field offices from Tyler to Lubbock and Denton to Waco. Prior to assuming this role, he served as a consultant with TDI for two years, performing over 200 visits with a variety of employers. He has 20 years of prior safety and health experience in agriculture, warehousing, manufacturing, construction, and aviation in both civilian and military settings. Darrell holds a bachelor's degree in Professional Aeronautics with a minor in Aviation/Aerospace Safety and a Masters of Aeronautical Science with specializations in Management and Safety Systems from Embry-Riddle Aeronautical University. He received his Certified Safety and Health Official in Construction from Texas Engineering and Extension Service (TEEX).

ELECTRICAL & INSTRUMENTATION

listed in order of appearance



PRESENTER - Trinity Watershed Management Storm Water Protection

Dhruv Pandya - *City of Dallas*

Dhruv is the Assistant Director of Trinity Watershed Management with Dallas Water Utilities. Dhruv has been with the City of Dallas almost 32 years. He was honored with an Individual Achievement Award by the city in 1996 and 2000, was named Employee of the Year in 1988, and was given a Director's Award for Productivity, Achievement and Innovation in 1995.

MODERATOR - Media Relations During a Crisis Response

MODERATOR - TRA CRWS Power Outage: April 21, 2018

George Luke, PE - *Gupta and Associates*

Refer to biography on page 4.



PANELIST - Media Relations During a Crisis Response

Mary Gugliuzza - *City of Fort Worth*

Mary is the Media Relations and Communications Coordinator for the City of Fort Worth Water Department, where she has worked for more than 22 years. During her career with Fort Worth Water, she has overseen internal and external communications, media relations, crisis communications and public involvement for events such as boil water notices, main breaks that flooded homes, collapsed wastewater lines, and now permitting of a new wastewater treatment plant. Mary is Chair of the AWWA Public Affairs Council and serves on the AWWA Board of Directors and Executive Committee. She is also a member of the Water Environment Federation, the Texas Association of Municipal Information Officers, and the Public Relations Society of America. In 2011, she was honored with the George Warren Fuller Award by the Texas Section of AWWA for her distinguished service to the water supply field.



PANELIST - Media Relations During a Crisis Response

Kevin Oden, CEM - *City of Dallas*

Kevin is the Assistant Emergency Management Coordinator for the City of Dallas Office of Emergency Management. His duties include managing the daily operations of the OEM Staff, the Emergency Operations Center, and the programs that exist within the City's Emergency Management system. Kevin has served as the City's Emergency Operations Center Manager for numerous emergency events and special event activations, including Severe Weather Declared Disasters (2012 & 2015), Ebola Outbreak (2014), Super Bowl XLV (2011), NCAA Men's Final Four (2014) and the NCAA College Football Playoff (2015). In addition, he was the Shelter Commander for the Dallas Mega-Shelter during Hurricane Harvey (2017). Kevin has overseen the accreditation of the Dallas Emergency Management Program, the development of a city-wide Continuity of Operations Program, comprehensive updates to the City's Master Emergency Operations Plan, and the development of the City's Community Preparedness Program.





PANELIST - Media Relations During a Crisis Response

Janet Rummel - North Texas Municipal Water District

Janet is the Public Relations and Communications Officer for the North Texas Municipal Water District (NTMWD), a wholesale provider of water, wastewater and solid waste services for 80 communities north and east of Dallas. She has nearly 20 years of experience in Public Relations and Corporate Communications and a degree in Journalism from Texas State University. Prior to joining the District, Janet worked on the corporate communications team at Colorado Springs Utilities, where she led the public involvement on an \$800-million, multi-county water project among many other responsibilities.



PRESENTER - Reliable Remote Communications

Tim Reid - Tarrant Regional Water District

Tim is the Enterprise IT Infrastructure Manager for the Tarrant Regional Water District (TRWD). He has more than 20 years of experience in the analysis, design, development and management of Information Technology systems and resources primarily in the municipal government space. Prior to joining TRWD, Tim served as the IT Infrastructure Manager for the North Central Texas Council of Governments (NCTCOG) in Arlington, Texas. He holds a B.A in IT Security from WGU Texas.



PANELIST - Reliable Remote Communications

Jason Reedy - Tarrant Regional Water District

Jason is a SCADA Automation Operator for Tarrant Regional Water District (TRWD) in Fort Worth, Texas. He has worked in the water industry for 13 years with a broad spectrum of experience, including work as a licensed Water Operator for multiple rural groundwater systems in the state of Texas. He was a SCADA Operator for five years and now works as an Automation Operator with a focus on HMI Graphics and PLC programming for TRWD. Jason has a B.A.A.S. in Manufacturing and Industrial Management from Tarleton State University.



PANELIST - TRA CRWS Power Outage: April 21, 2018

Rudy Hinkle - Trinity River Authority

Biography not available.



PANELIST - TRA CRWS Power Outage: April 21, 2018

Mike Querry - Trinity River Authority

Mike Querry is a Construction Inspector Supervisor with The Trinity River Authority of Texas (TRA), where he has worked for 28 years. He is a Subject Matter Expert for the State of Texas Electrician License under the Texas Department of Licensing and Regulation (TDLR). Throughout his career, Mike has led many code development efforts through his involvement on several panels. He is currently a member of the National Electrical Code (NEC) Code-Making Panel #17 (Articles 422, 424, 425, 426, 427, 680, and 682). He is also a Technical Committee member for the National Fire Protection Association Standard for Fire Protection in Wastewater Treatment and Collection Facilities (NFPA-820). In addition to his role at TRA, Mike is also an instructor with the Independent Electrical Contractors Fort Worth/Tarrant County Chapter, which is funded through Tarrant County College.





PANELIST - TRA CRWS Power Outage: April 21, 2018

Mike Young - *Trinity River Authority*

Mike Young is the Manager of Operations at The Trinity River Authority of Texas (TRA) Central Regional Wastewater System Treatment Plant. He has been working with TRA for 42 years. While originally hailing from Colorado, he has lived in Texas his whole adult life. He is married with three grown children.



PRESENTER - Garland Wastewater Treatment Process Redundancy

Bill Gase - *City of Garland*

Bill is the Director of Wastewater Treatment for the City of Garland, Texas. He has over 30 years of experience working in both the public and private sector, and during his career he has been involved in the Water, Wastewater, and Stormwater fields. He holds a Masters of Science degree in Chemistry from the University of North Carolina at Chapel Hill and, while working in the water industry, has earned both a Texas Commission of Environmental Quality (TCEQ) 'A' Water Operator License and a TCEQ Wastewater Collections III Operator License. He was also an environmental consultant.



PRESENTER - Garland Wastewater Treatment Process Redundancy

Alex Stuart - *City of Garland*

Alex is the Superintendent of the City of Garland's Duck Creek Wastewater Treatment Plant. He has worked with the City of Garland for 33 years, spending 31 years as an operator.



MODERATOR - Portable Generator vs Permanently Installed

Anthony Scudieri, PE - *Prime Controls*

Anthony is the Design Manager at Prime Controls, LP, located in Lewisville, Texas. Over his 30+ years of experience as an electrical engineer, he has performed both electrical power distribution and control systems designs for the municipal industry. He is a licensed Professional Engineer in the state of Texas and his specialities include SCADA, lighting, networking, and PLC designs with experience in project management and personnel supervision.



PANELIST - Portable Generator vs Permanently Installed

Jon Kendall - *City of Arlington*

Biography not yet available.





PANELIST - Portable Generator vs Permanently Installed

M. Scott Thomas - Cummins Sales and Service

Scott is the General Manager of Sales Application Engineering for Cummins Sales and Service. In this role, he supports MEP consulting engineers in Texas and the adjacent states in the Southeastern Region. His project support responsibilities include applying generators, transfer switches, and paralleling switchgear into a wide variety of Healthcare, Data Center, Water/Wastewater, and Commercial Applications. He holds a B.S. in Mechanical Engineering and a Masters of Business Administration (MBA).



PANELIST - Portable Generator vs Permanently Installed

Ronnie Tyler - Holt-Cat

Ronnie represents EPG Sales with Holt-Cat. He began his career in power generation soon after graduating from Texas Tech University in 1984, working as a dealer coordinator and in the parts department before moving on to sales, where he prepared standby generation system proposals for water, wastewater, health care and other standby system projects. In the 1990s, he relocated to the DFW area and began working with the electrical consulting engineering community, assisting engineers in sizing, designing, and applying power systems in the area. He joined Darr-Caterpillar in 1999, which was later acquired by Holt Equipment based in San Antonio. Through Holt-Cat, Ronnie began working with electrical contractors in addition to the engineering community. More recently, his focus areas have been defined to work directly with the water/wastewater and health care communities, and he is currently the lead on electric gas products and Microgrid technology.

THANK YOU FOR ATTENDING

We welcome any feedback on your experience at the symposium. Please send your comments and suggestions to Nyla Langford at nblangford@sig-auto.com.

The WEAT committees are always looking for ideas from our membership for future webinars and seminars. Please contact us if there is a topic you would like us to address.

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