

Session you are speaking in:		Slot	Title of your presentation	Speaker Name	Company Name	Brief Biographical Sketch:
Session 01 - Water I	1	West Palm Beach's Water Treatment Plant Modernization Highlights the History of Water Treatment	Heath Wintz	Stantec	After attending the University of Florida, Heath has focused on utility and water treatment projects throughout the Southeast. Over the past 14 years, Mr. Wintz has design and constructed processes for the treatment and disinfection of potable water, wastewater and reclaimed water. Working out of the West Palm Beach office of Stantec, Heath is triathlete, retired cave diver, and enjoys kite surfing	
Session 01 - Water I	2	Evaluation of Water Supply Options	Porter Rivers	AECOM	Senior Project Manager with AECOM Areas of practice include water systems planning and water process analysis BS Chemical Engineering University of South Carolina MS Civil / Environmental Engineering Colorado State University Member	
Session 01 - Water I	3	How SURE? Sustainability and Resiliency for conventional filters	Stuart Humphries	Orthos Liquid Systems, Inc.	Mr. Humphries has worked in the environmental field for almost thirty years as a consulting engineer, contractor, manufacturer's sales representative, manufacturing sales and marketing director, and now Director of Filtration Technologies for Orthos Liquid Systems. Mr. Humphries is a former chairman of the Georgia Association of Water Professionals Wastewater Treatment Committee and is an active committee member of the WEF Water Reuse Committee and the AWWA Biological Drinking Water Treatment and Coagulation & Filtration Committees. He has given numerous advanced water/wastewater	
Session 02 - Wastewater I	1	Beat Ultra-Low Phosphorus Targets with Reactive Filtration: How Citronelle, AL Consistently Hits 20 micrograms per liter	CJ Strain	Nexom	CJ (Cornelius) Strain, P.E., is Nexom's Product Manager, Filtration. He has two decades of professional experience with over twelve years in wastewater process improvement. Mr. Strain has specialized in filtration technologies and nutrient removal applications emphasizing process design optimization, increasing levels of treatment, process sustainability and improvement of conventional treatment economics. He utilizes an applied foundation in the sciences paired with construction	

Session 02 - Wastewater I	2	Improve Treatment and Save Money on Polymers	John T. McKinnon, PE	McKinnon Engineering LLC	John McKinnon is the President and Owner of McKinnon Engineering, LLC, a firm that provides water and wastewater treatment consulting services for industrial clients. He has over 39 years of experience in numerous industries, including pulp and paper, waste paper recycling, wet wipes, corrugated container, multiwall bag, sawmills and plywood, electronic materials, petrochemicals, pharmaceuticals and carpet manufacturing. He is licensed as a Professional Engineer in eight states (including GA), and provides conceptual process and equipment design, client liaison, process optimization, troubleshooting, operator training and regulatory services. He is a graduate of the Georgia Institute of Technology, with a Bachelor's degree in
Session 02 - Wastewater I	3	Troubleshooting Activated Sludge Systems	John T. McKinnon, PE	McKinnon Engineering LLC	John McKinnon is the President and Owner of McKinnon Engineering, LLC, a firm that provides water and wastewater treatment consulting services for industrial clients. He has over 39 years of experience in numerous industries, including pulp and paper, waste paper recycling, wet wipes, corrugated container, multiwall bag, sawmills and plywood, electronic materials, petrochemicals, pharmaceuticals and carpet manufacturing. He is licensed as a Professional Engineer in eight states (including GA), and provides conceptual process and equipment design, client liaison, process optimization, troubleshooting, operator training and regulatory services. He is a graduate of the Georgia Institute of Technology, with a Bachelor's degree in

Session 03 - Customer Service	1	Engaging Customers in Best Water Loss Practices	Amber Whisner	City of Dallas	Amber Whisner is the Billing Clerk for the City of Dallas. She started with the City in 2010 working in the Parks and Recreation Department. In 2012 she moved over to Customer Service and took her current position in 2014. Along with Billing Clerk duties she is also leads the City of Dallas' Water Loss Control Program. She is a member of the American Water Works Association and Georgia Association of Water Professionals. She is currently the Vice-Chair for GAWP's Water Loss Control Committee. In December of 2017, Amber is the 2017
Session 03 - Customer Service	2	How to Answer the Questions you Hope they Never Ask	Kathy Nguyen	Cobb County Water System	Kathy Nguyen graduated from Berry College, she did graduate studies in Environmental Management at University of Maryland. She has been with Cobb County Water System for since 2001. In 2004 she became the Water Efficiency Manager. She is currently the Senior Project Manager for Water Resources. She is a member of many professional

Session 03 - Customer Service	3	Customer Service Hot Topics Panel Discussion	Becky Butts	Columbus Water Works	<p>Becky Butts serves as the VP of Corporate Relations for the Columbus Water Works, Columbus, Georgia. She has been with Columbus Water Works since 1976. She is a member of the Columbus Water Works Senior Management Team. She is responsible for general management and direction of the operations of the Division of Corporate Relations. Her responsibilities for corporate outreach include senior management level assessment and management of community communications and outreach programs, to include public education, stakeholder relations, and educational partnerships. She also plans and executes communication strategies to achieve desired objectives, evaluates the effectiveness of the community outreach programs and facilitates the development of comprehensive strategies to meet the information needs of internal and external audiences. She also has management experience in customer service, corporate and community event planning and strategic planning. She is active in professional associations such as the American Water Works Association (AWWA), and the Georgia Association of Water Professionals (GAWP). She currently serves as co-Chair for the Georgia Section of AWWA for Water for People and received the 2007/2008 Kenneth J. Miller Founder's Award. In 2014, she received the</p>
Session 04 - Public Education	1	Naturlist	Zeb Brown	HCWA	<p>I have been a employee of the henry county water authority sense 2001. Where I have served as a water plant operator, sewer maintenance tech and now as a naturalist. I enjoy teaching people about the outdoors and working out side. I am married and</p>

Session 04 - Public Education	2	Model Water Tower Competition	Tara Brown	Henry County Water Authority	Tara is the Environmental Compliance Coordinator for the Henry County Water Authority. She has been with the Authority for 15 years and has organized the Model Water Tower Competition for them for the last 3 years. Tara has a Bachelor's degree in Political Science from the University of Georgia and a Master's degree in Public Administration from Georgia College & State University. In addition to working with the Model Water Tower Committee, she has been through GAWP Leadership Academy and is also involved with the Public Education,
Session 04 - Public Education	3	Imagine a Day Without Water	Chris Wood	JWA Public Communication	Chris began working for JWA in 1991, before serving as President of the Public Communication firm since 2001. He has over 20 years of experience as a water professional, providing PR and related professional services for his first water utility client in 1997. He also has work experience in news media. Chris received his bachelor's degree in Journalism from the Grady College at the University of Georgia and his master's degree in Mass Communication from the University of Alabama. He returned to the University of Georgia to complete his doctorate in 2006. Chris also currently serves as part-time faculty in mass communication at Georgia College & State University in Milledgeville. In his leisure time, he plays piano and enjoys songwriting and outdoor
Session 05 - Water Loss	1	Apparenty Losses in the Field: How Well do you know your meters?	Amber Whisner	City of Dallas	Amber Whisner is the Billing Clerk for the City of Dallas. She started with the City in 2010 working in the Parks and Recreation Department. In 2012 she moved over to Customer Service and took her current position in 2014. Along with Billing Clerk duties she is also leads the City of Dallas' Water Loss Control Program. She is a member of the American Water Works Association and Georgia Association of Water Professionals. She is currently the Vice-Chair for GAWP's Water Loss Control Committee. In December of 2017, Amber is the 2017

Session 05 - Water Loss	2	What kind of Leak Detection is best for my system	Jeff Jones	Clayton County Water Autho	Jeff has been employed with CCWA 29 years. Jeff has spent his career dedicated to making the Clayton County Water Authority's Water Distribution System the best it can be. He worked his way up through the various crews in the Water Department including Pipe Installation Crew, Distribution Coordinator/Inspector, Valve Maintenance, Paving and Landscape Restoration, Leak Detection Foreman, Distribution Foreman, Distribution
Session 05 - Water Loss	3	Customer Metering Inaccuracies: How good is your data?	Amber Whisner	City of Dallas	Amber Whisner is the Billing Clerk for the City of Dallas. She started with the City in 2010 working in the Parks and Recreation Department. In 2012 she moved over to Customer Service and took her current position in 2014. Along with Billing Clerk duties she is also leads the City of Dallas' Water Loss Control Program. She is a member of the American Water Works Association and Georgia Association of Water Professionals. She is currently the Vice-Chair for GAWP's Water Loss Control Committee. In December of 2017, Amber is the 2017
Session 05 - Water Loss	3	Customer Metering Inaccuracies: How good is your data?	Kathy Nguyen	Cobb County Water System	Kathy Nguyen graduated from Berry College, she did graduate studies in Environmental Management at University of Maryland. She has been with Cobb County Water System for since 2001. In 2004 she became the Water Efficiency Manager. She is currently the Senior Project Manager for Water Resources. She is a member of many professional

Session 06 - Pump Systems	1	Modern Control Systems	J. Boudoin	Goforth Williamson, Inc.	Mr. Boudoin is an electrical engineer who has over 15 years of experience in the industrial motor control and automation industry with a major focus on control systems for municipal water and wastewater applications. He worked as a systems engineer for a SCADA company where he was involved in every aspect of large automation project delivery for water/wastewater as well as light rail transit, including projects for Gwinnett County Dept. of Water Resources and MARTA. He has spent most of his career in a sales capacity selling components, fabricated control panels, and complete engineered solutions primarily to pump companies. This sales role also involved many controls engineering responsibilities such as system design, technical support, and troubleshooting. He is currently the Controls Division Head for Goforth Williamson where he oversees all new panel sales, controls
Session 06 - Pump Systems	2	Energy Savings Using Variable Frequency Drives	Trey Mayfield	EMA Inc.	I have been with EMA for 11 years and was on the service side for 10 of those 11 years. I grew up around VFDs because my father founded EMA in 1990. I am in account management now but I still enjoy talking about, applying, and troubleshooting variable frequency drives. I spent 4 years in the Navy working on aviation electronics which gave me
Session 06 - Pump Systems	3	Honey Creek PS & FM Project: A Design/Build Success Story	Eskender Abebe	BenchMark Management	Eskender Abebe brings over 25 years of technical and management experience providing solutions to public sector clients in water and wastewater. His diverse experience includes sewer collection and conveyance system improvement, water transmission and distribution system improvement, pump and lift stations, treatment plant upgrades, and sewer system evaluation survey programs. Mr. Abebe is responsible for operations management, quality and risk management of projects with the experience in alternate project delivery methods. He

Session 06 - Pump Systems	3	Honey Creek PS & FM Project: A Design/Build Success Story	Patrick Costello	Garney	Worked in Water/Wastewater for over 23 years. Have completed projects throughout the east coast from Salisbury, Maryland to West Palm Beach, Florida, and have completed over 130 million in
Session 06 - Pump Systems	3	Honey Creek PS & FM Project: A Design/Build Success Story	David Lavergne	Tetra Tech	Mr. Lavergne has participated in many aspects of civil and environmental engineering including planning, design, permitting, and construction oversight of water, wastewater, and stormwater facilities and transmission systems. With a master's degree in civil engineering from the University of Tennessee, he has over ten years of experience
Session 07 - Diversity	1	One on One with Denise Skinner-Hurst	Cornell L. Sims	Clayton County Water Authority	Cornell is an employee with the Clayton County Water Authority with 12+ years of experience, with the last seven years in their Stormwater department as a MS4 Inspector. Cornell's job experience at CCWA within the Water Distribution and Wastewater Conveyance departments has contributed to him acquiring his certifications for Water Distribution Operator, Wastewater Collections System Operator, Level 1A Erosion Control, and a State of Georgia Backflow Prevention Assembly Tester. Cornell is the current chair for

Session 07 - Diversity	1	One-on-One with Denise Skinner-Hurst, City of Atlanta: Celebrating a Lifetime of Excellence in Water	Denise Skinner-Hurst	Retired - City of Atlanta	Born and raised in Clarksville, TN where I am a community activist. I was employed with the City of Atlanta - Department of Watershed Management for 31 years. I have served in many capacities within the Office of Watershed Protection - Division of Industrial Pretreatment ending with Pretreatment Coordinator to Watershed Manager. First Black female in both capacities, Received a Certificate of Appreciation from Criminal Investigative Division - EPA for a 2008 enforcement action against a permitted industry where the city received \$225,000 and helped EPA receive \$2.8 million. Co Developed WIPP (Web Industrial Pretreatment Program) a state of the art in house data management system for IPP. Active member of GAWP for 27 years as a 3 year Pretreatment Committee Chair and Industrial Committee IPP Session Champ for 7 years. 2017 Recipient of the Charles H. Jones WEF Service
Session 07 - Diversity	2	Women in Engineering	Sandra L. Glenn	DeKalb County Department of	Sandra L. Glenn is a registered professional engineer with over 30 years of experience in consulting, private industry, and most recently in government service. She is a chemical engineer, graduated from the Georgia Institute of Technology, and a registered professional engineer (Civil). Ms. Glenn has worked in many industries including mining, wood products, pharmaceuticals, construction materials, food industry, and power, specializing in regulatory compliance (environmental and safety/risk management) for the majority of her career, though she led the RM Clayton Water Reclamation Center for four years prior to joining DeKalb County. Ms. Glenn is currently the Assistant Director, Regulatory Compliance Division, for the DeKalb County Department of Watershed Management (Georgia) leading a team that implements post development compliance, code compliance for County Water/Sewer Ordinances, oversight of operations

Session 07 - Diversity	3	Business Case for Diversity and Inclusion: A Panel Discussion	Becky Hachenburg	Stantec	Becky Hachenburg is a Vice President with Stantec, a global firm of approximately 22,000 experts including engineers, architects, and construction professionals specializing in complex infrastructure and environmental challenges related to water, buildings, transportation, and community development. In her 22 year career, she has served in many roles including design engineer, project manager, office manager, business development lead, and her current role as Regional Water Sector Leader. Ms. Hachenburg previously led MWH's global gender diversity initiative and is currently a member of Stantec's US Diversity and Inclusion Council. Ms. Hachenburg is a graduate of the University of Florida with a BS in Environmental Engineering and an MS in Industrial Engineering. She is a licensed professional engineer in GA and FL and
Session 08 - Collections I	1	Cleaning Nozzle Selection	Eric MacDonald	Woolpert Inc.	Eric MacDonald is a Vice President with Woolpert. He has more than 35 years of experience directing project teams to perform Sewer System Evaluation Surveys (SSES) and I/I reduction, temporary and long-term flow monitoring, GPS inventory and mapping, and hydraulic modeling projects for public utilities.
Session 08 - Collections I	2	Automated Sewer Backup Response Systems	John Bertrand, PE	Daupler Systems	Mr. Bertrand has more than 12 years of experience in water and wastewater engineering, having worked in both public and private sectors. He most recently served as the Collection System Engineer for Johnson County Wastewater. Now with Daupler Systems, Mr. Bertrand leverages his experience with wastewater collection systems, water distribution systems, and software development to help utilities throughout the country manage their responses to

Session 08 - Collections I	3	How Do I Assess the Condition of my Ductile Iron Pipe Force Main	Scott Adams	Brown and Caldwell	Scott Adams, Civil Engineering Degree from North Carolina State University. Scott is the infrastructure group leader for the Brown and Caldwell Atlanta Office. He has 24 years experience in water and wastewater projects with an emphasis on linear assets. His recent project experience includes the evaluation of pipeline assessment tools and the implementation of a force main condition
Session 08 - Collections I	3	How Do I Assess the Condtiion of my Ductile Iron Pipe Force Main	Johnathan Jackson	Brown and Caldwell	Johnathan Jackson is a Senior Staff Engineer with Brown and Caldwell (BC). Since joining BC more than 18 months ago, Johnathan has worked extensively in the condition assessment of large-diameter ductile iron force mains. His role typically involves performing desktop analyses and, field reconnaissance of the force mains, and assisting with the agency coordination required for testing. Johnathan also has experience in the sewer system evaluations and in the design of ground water storage tanks, water transmission and sewer force mains. He holds a Bachelor of Science degree in Civil
Session 09 - Distribution	1	Satellite Leak Detection: Lessons Learned	Deirdre Blackard	Rockdale Water Resources	Deirdre Blackard lives in Rockdale County Ga and has been married to her husband Bruce for 18 years. Deirdre has over 25 years of utility management experience, including asset management, GIS, flow monitoring, development and management of preventive maintenance programs, CMMS and AM software implementations, SSES, pipeline rehabilitation, AMI and AMR, public outreach, leak detection, and condition assessment methodologies for linear assets. New technology testing is one of her favorite things! Having worked with utilities across the country as a contractor and as an employee, one of the best feelings I have experienced is in working as a part of the community in which I reside. Seeing the results of our teams'

Session 09 - Distribution	2	Why AMI?	Brandon Crook	Master Meter	Brandon Crook is currently the Regional Sales Manager for Master Meter Incorporated in Georgia and Alabama. He has been active in the Georgia Water Industry since 2002. His prior experience comes from tenures with Clayton County Water Authority, Gwinnett County Department of Water Resources, Georgia Association of Water Professionals and the Georgia Water and Wastewater Institute. He is a member of GAWP, GRWA, ABPA, and AWWA. Brandon has assisted with ABC exam assessments, and currently serves on
Session 09 - Distribution	3	Golden Hydrant and Distribution System of the Year Awards Update	Cody Kelly	Henry County Water Authority	I have been in the water industry for 20 years now, and at Henry County Water Authority for almost 16 years. I have a wife with two kids.
Session 09 - Distribution	3	Golden Hydrant and Distribution System of the Year Awards	Al Gardner	Henry County Water Authority	Worked for HCWA for 10 Years. Married with 2 kids
Session 10 - Asset Management	1	St. Johns County Ponte Vedra Asset Manager	Tom Tibbitts	St. Johns County	Tom Tibbitts (PSM, GISP) is an Information Systems Manager with St. Johns County Utilities, and manages the GIS, Asset Management and Information Systems Capital Improvements. Tom is a Professional Surveyor and Mapper and certified GIS Professional, and a graduate of the University of Florida Geomatics Program. He has provided professional GIS, IS and Geospatial for local government solutions for 21 years. He is the North Section Executive Director for the FLURISA Board,
Session 10 - Asset Management	1	St Johns County Ponte Vedra Asset Management	Michael Cameron	WK Dickson & Co., Inc	Michael is the GIS Program Manager for WK Dickson. He is heavily involved in developing asset management programs for clients across multiple disciplines within the firm. Michael's expertise in GIS technology includes utility inventory, mobile and web-based application development and software integration between multiple customer information and maintenance and management solutions. Michael is based out of the Columbia, SC office and works throughout the southeast to help clients develop and implement scalable solutions to meet

Session 10 - Asset Management	2	Getting to Know Your Force Mains: A Risk-Based Approach to ReWa's Initial Force Main Condition Assessment Program	Bill Orne	Hazen and Sawyer	Mr. Orne is the Operations Manager of Hazen's Columbia, SC office. He has over 27 years of project experience associated with water and sewer system engineering and design. Most of his experience is in the realm of water and wastewater systems master planning, condition assessment and infrastructure renewal. He is a Past-President of the Water Environment Association of South Carolina and former speak of the House for WEF. He has freshmen this year, One son in high school and the other at the University of South Carolina. In his
Session 10 - Asset Management	3	Re-evaluating Stormwater Pipes Likelihood of Failure	Yige Gao	Gwinnett County	Yige Gao is a stormwater scoping engineer with Gwinnett County. She has nine years of experience in stormwater and floodplain management. Her Bachelor's degrees are in Geographical Information System and Applied Mathematics from Peking University in China. She earned her Master's degree in Civil Engineering from Georgia Tech while working as hydrologist and engineer, both for consultant and government. She is a registered Professional
Session 11 - H2Opportunity	1	Educating the Next Generation of Water Professionals	Stephen Anderson	Chattahoochee Technical Col	Earned both his Masters and Bachelors Degree from Jacksonville State University in Jacksonville Alabama, Worked as a High School Science Teacher for 13 years. Currently in 3rd year as Lead Instructor for the Environmental Technology Program at

Session 11 - H2Opportunity	2	Clearing the Pathway for Advancement of Water Professionals	Gary McCoy	Macon Water Authority	<p>Gary McCoy Professional Bio for the Spring Conference Session Mr. McCoy started his career in 1980 working for the City of Cartersville. He began at the Jim Stafford Wastewater Plant and after eight years he transferred to the Cartersville Water Treatment Plant. He was promoted to Chief Operator and eventually became the Plant Superintendent. After 20 years service, he decided to accept the Plant Superintendent position with the City of Atlanta at the Hamphill Water Treatment Plant. After only one year with the City of Atlanta, he accepted the position of Plant Manager at the Frank C. Amerson Jr. Water Treatment Plant. Three months after accepting that position, he was promoted to the Director of Water for the Macon Water Authority. His involvement in the water industry includes chairing the Plant of the Year Awards; chairing the Distribution System of the Year Awards; served on the GAWP Board Member in the position of District 5 Director, chaired the Georgia Section of the AWWA; was elected to the National AWWA Board of Directors, served on the National Diversity & Member Inclusion Committee for the AWWA. His</p>
Session 11 - H2Opportunity	3	Help them Grow or Watch them Go	Kim Holland	Marietta Water	<p>Kim Holland has been with Marietta Water for over 20 years where she serves as Director, She has a Bachelor of Arts from the University of Georgia and a Master of Public Administration from Kennesaw State University. She is the President Elect of GAWP and has served on several committees including H2Opportunity, Public Education,</p>

Session 11 - H2Opportunity	3	Session 11 H2Opportunity- Round Table Discussion	H.Bernard Franks	Clayton County Water Autho	Bernard has been working for the Authority for over 23 years and currently serving as the Assistant General Manager. He will assume the General Manager position starting in late June. Attended the University of North Carolina at Chapel Hill school for Business & leadership development. I have obtained my Water, Wastewater and Backflow license an served as a proctor. He is a Graduate of the GAWP Leadership Academy, Grassroots Community leadership and currently in Theocratic Ministry School and also serving the community as
Session 12 - Laboratory	1	Overview: Revision of the AWWA Standard for Disinfecting Water Mains	Thomas Bourne	City of Atlanta	Thomas Bourne is the Laboratory Director for the City of Atlanta's Water and Wastewater Laboratories. The Wastewater Laboratory supports the operation of the City's four wastewater treatment plants as well as the industrial monitoring program and the stormwater program. While the Water Laboratory handles the compliance monitoring and analysis for the SDWA and the TCR as well as water quality inquiries. Thomas has been
Session 12 - Laboratory	3	Changes in the EPA MDL Calculation	Patrick Person	Fulton County Public Works	Patrick Person is a native of Atlanta, Georgia. He has a B.S Biology from the University of West Georgia. Currently, he is the Water Quality Manager at the Fulton County Environmental Laboratory where he manages its Drinking Water, Wastewater, and Stream Monitoring programs. Previously, Patrick worked as a laboratory supervisor with the Georgia Environmental Protection Division in the Microbiology Department. He possesses Water and Wastewater Laboratory Analyst licenses along with a Wastewater Operator 1 license. In his free time, Patrick enjoys spending time with family, reading,
Session 13 - Water II	1	Municipal Uses for Ozone	Jim Baker	Primozone	40 years experience in chemical processing, fluid handling, turbo and static mixing, mass gas-degas transfer, oxygen/ozone systems for industrial and municipal and markets. Studied at the University of

Session 13 - Water II	2	Richland Creek WTP Construction Update	Benjamin moss	Arcadis	Benjamin Moss is currently the project engineer of the Richland Creek Reservoir representing Arcadis who is the design engineer for the project. Benjamin graduated from Southern Poly in 2010 with a civil engineering technology degree, and received a civil engineering degree and M.S. of Civil Engineering in 2016 from Kennesaw State University. Benjamin is currently a part-time professor in the civil
Session 13 - Water II	3	Utilizing Aquifer Storage and Recovery Technology to Manage Georgia's Water Resource Challenges	Christopher Foldesi	Nutter and Associates, Inc.	Chris Foldesi has over 15 years of experience as a water resource hydrogeologist. Chris is a registered Professional Geologist in Georgia, North Carolina, and South Carolina. He has been involved in Aquifer Storage and Recovery (ASR) projects since graduate school, where he produced a MODFLOW groundwater model utilized to predict the performance of multiple ASR wells at Greenville, North Carolina, as part of his Master's thesis at East Carolina University. Chris has been the lead hydrogeologist on several ASR projects in both North Carolina and South Carolina, where he has been involved with site selection, target aquifer selection, coring, regulatory compliance, detailed aquifer testing, and final ASR well construction activities. He is an experienced groundwater modeler and has constructed and calibrated a diverse set of models dealing with both the shallow water table and deeply confined aquifer systems. He has modeled projects related to mine dewatering, the land application of wastewater, ASR operations, inter-aquifer leakage, and wellfield development. Chris is an expert at aquifer testing, aquifer characterization, and aquifer test data analysis. Chris has been involved in saltwater intrusion studies, alternative aquifer testing and exploration, and many other water resource related groundwater projects throughout

Session 14 - Collections II	1	CCTV Best Practices	Ray Douberly	Southeast Pipe Survey	Bio ☐ Ray Douberly, Southeast Pipe With over 27 years experience in Trenchless Technology, Ray Douberly has an estimated 10 million feet of experience in CCTV pipe inspections and combination unit vacuum cleaning. Ray began in 1991 as a general laborer on a cleaning crew and has worked as CCTV pipe inspector, combination unit operator, field supervisor, project manager, division manager, PACP Trainer, Safety Trainer, and Safety Officer. Ray is currently a certified OSHA-500 Trainer
Session 14 - Collections II	2	As Good As It Gets: Committing to a Valve Assessment Program	Georgia A Curry	Wachs Water Services	Georgia A. Curry, PMP Program Manager, Wachs Water Services Georgia A Curry, PMP, is the Program Manager for the Gwinnett County Inspection and Exercising of Water and Sewer Valves Program. Mrs. Curry is a certified project management professional (PMP) and is an expert at managing distribution efficiency projects. She has been a program manager for numerous Wachs Water Services distribution efficiency projects, including programs in the City of Atlanta, Augusta GA, and East Point, GA. Mrs. Curry has been an integral part of many programs with Wachs Water Services in many states across the country. She has in-depth knowledge of the design, operation and repair of water systems. She is an expert in overseeing all aspects of valve and hydrant assessment programs and has over 18 years of project management experience working in both the oil and water industries. Mrs. Curry has managed a variety valve and hydrant assessment and rehabilitation projects over the last ten years. With over ten years of experience in the water industry, Mrs. Curry has a B.S. in Computer Information Systems from DeVry Institute of Technology, Columbus, OH and maintains the following licenses: GA Water Distribution Operator - #WSD015324, GA Backflow Prevention Assembly Tester #BPAT-05229,

Session 14 - Collections II	2	As Good As It Gets ☒ Committing to a Valve Assessment Program	Adam Miller	Gwinnett County Water Reso	Adam Miller is the Construction Manager II for Gwinnett County Department of Water Resources. Mr. Miller has been with Gwinnett County for 13 years in various roles and positions. He has been the project manager for numerous water and sewer projects of all sizes, and now oversees Gwinnett Department of Water Resources Field Operations Contracts Section. Mr. Miller has a vast, in-depth knowledge of the operations, maintenance and rehabilitation of distribution and collections systems throughout Gwinnett County. Mr. Miller possess the following: GA Water Distribution Operator GA Collections System Operator Pipeline and Manhole Assessment Certification Bachelor of Science in
Session 14 - Collections II	3	Tools to Successfully Implement a Collection System Management Program	VIVEK SAI	HAZEN AND SAWYER	Mr. Sai has 18 years of experience in environmental engineering, asset management, GIS and Information Systems. He has provided professional engineering services for numerous municipal projects involving evaluation, modeling, and pipeline conveyance systems. He has developed and updated numerous water and wastewater hydraulic models in a variety of software packages. His experience also includes a variety of projects related to GIS application development, utility infrastructure, conducting sewer evaluation studies, condition
Session 17 - Water Conservation	1	Compliance Without Cost: Free Resources for Developing a Conservation Program	Kathy Nguyen	Cobb County Water System	Kathy Nguyen graduated from Berry College, she did graduate studies in Environmental Management at University of Maryland. She has been with Cobb County Water System for since 2001. In 2004 she became the Water Efficiency Manager. She is currently the Senior Project Manager for Water Resources. She is a member of many professional

Session 17 - Water Conservation	2	The Care and Conserve Affordability Program: A Model of Soft Infrastructure Preservation in a Water Utility	Maisha Land	City of Atlanta - Department	<p>For more than 15 years, Maisha Land has served in various public policy capacities with the City of Atlanta. She is a graduate of Georgia State University's Andrew Young School of Policy Studies where she received a Bachelor of Science degree in Public Policy with an urban studies focus. She began her career with the City of Atlanta as the Chief of the Staff for the Atlanta City Council Post 3, At-Large office. Ms. Land served as the first female African-American Legislative Manager of the City's Department of Watershed Management for 13 years, utilizing her background in public and urban policy to shape the course of action for city water and sewer policy and community engagement. Currently, she is the Manager for the Department's Care and Conserve Program, which provides \$1.6 million of assistance annually to low-income families and individuals experiencing hardships with paying water bills, making needed plumbing repairs, and installing water conservation devices. Her daily focus is customer affordability and advocacy. She was commissioned to create a signature program entitled "StreamWORK" that seeks to holistically address the issues of customer affordability through workforce development. StreamWORK is a vocation-focused program consisting of trainee positions with a purpose of developing a stream of employees to fill</p>
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Session 17 - Water Conservation	3	Using Social Media For Customer Engagement for Water Conservation	Lee Pope	Fayette County Water System	<p>Lee Pope, now Director of Fayette County Water System, started his career at the City of Covington in 1994 as an entry level operator. Lee soon obtained his Class I Operator license and was promoted to Chief Operator of both water treatment plants prior to leaving in 2002. Lee joined Rockdale County and became its first Water Plant Manager when Rockdale County achieved water independence in June of 2002. Lee Pope worked for Rockdale Water Resources for over 11 years and his position consisted of oversight of Rockdale Water Resources permit compliance as well as oversight of the Water Shed monitoring program. In 2013, Lee became the Director of the Fayette County Water System. Lee has made quite the impact as he, with the support of the Fayette County Board of Commissioners, has invested more than \$8 million in improving plant operations that provide operators the necessary tools to deliver the best possible potable water. Lee has taken the necessary steps to improve water efficiency at both water treatment plants by implementing state of the art technologies that were first in business at the Fayette County Water System. He has also installed stream gages to ensure the water system is properly managing the raw water resources. Lee's current focus at Fayette County Water System is improvements to the distribution</p>
Session 18 - Wastewater II	1	Emergence of PACs to Achieve Low-Level Phosphorus Requirements	Tom Cable	Chemtrade	<p>Tom Cable has been in the Chemical Industry for 12 years. He graduated from Schreiner University in Kerrville, TX with a Bachelor of Science - Chemistry. He has developed several products for water and wastewater technologies from rare earth chlorides for phosphorus removal to solid state medias used in drinking water and auto catalyst. He is very knowledgeable in a wide range of water treatment</p>

Session 18 - Wastewater II	2	Basics of pH Control	Hamilton Giles	Arcadis	Mr. Giles is a native of Georgia and graduate of Georgia Tech with Bachelors and Masters degrees in Environmental Engineering. He performs wastewater process design for primarily industrial clients but has also worked on water projects and for municipal clients. He is originally from Valdosta but
Session 18 - Wastewater II	3	Wasterwater Biogas - Turning a Waste Stream into a Revenue Stream	Ernie Pollitzer, PE	Clean Energy Consultants	Mr. Pollitzer is a licensed Environmental Engineer that has been working in the environmental industry for over 30 years. He has worked with municipalities on the construction of water & wastewater plants. More recently he has been working with the renewable fuel industry helping producers with their environmental compliance requirements and registering facilities with EPA. He has worked at a number of municipalities helping
Session 19 - Safety	1	O&M Safety Plan	Roy McConnell	Veolia North America	Roy is currently the GAWP Safety Committee Chairperson and has been in the water and wastewater industry for over 25 years. He is currently the Health and Safety Coordinator at the Tom Lowe Atlanta-Fulton County Water Treatment Facility in Johns Creek Georgia Roy is also a member of the Veolia South and Corporate Safety Teams and travels when needed to assist other facilities. Roy is an Authorized OSHA Outreach Trainer and Voice of
Session 19 - Safety	2	Respiratory Protection Awareness	Wil Caldwell	Gwinnett County DWR	Wil has 30 years of experience in Water, and is a licensed Board Certified Safety Professional.

Session 20 - YP - Water 101	1	Starting your Career in the Field	Travis Thomas	Arcadis	Travis Thomas graduated from Georgia Tech with a Bachelor's of Science and Civil Engineering. After joining Arcadis in June of 2015, Travis acted as an onsite project engineer for the \$200 million dollar Richland Creek Reservoir project in Paulding County Georgia, which includes three major pump stations, a dam, and an advanced water treatment plant. Travis has also had exposure to linear asset projects including a 54" water main replacement project for Cobb County and multiple pipeline/design and relocation projects in Dekalb County. To add variety and adventure to his career, Travis has had exposure to a variety of projects in different industries. He has been involved in smaller industrial wastewater design and storm water permitting projects and in
Session 20 - YP - Water 101	2	Generation "Why"	Valeria Hernandez	Columbia Engineering	Valeria is currently a water resources engineer at Columbia Engineering where she enjoys working on storm water design and management, H&H modeling, and green infrastructure. She graduated from Georgia Tech as a Civil Engineer in Fall 2016. In her free time, Valeria likes to run, bike, and spend
Session 20 - YP - Water 101	3	Large Pump Station Design: Lessons Learned	Yagesh Panta	Freese & Nichols	Yagesh Panta is a water resources engineer at Freese & Nichols. He graduated from Georgia Tech in 2016 with a degree in Civil Engineering. His technical background involves pump stations and pipeline projects. Yagesh is a native of Kathmandu, Nepal and enjoys hiking in his free time.