WEAT
North Texas Section

WEAT – NTS FEBRUARY SEMINAR

DEVELOPING ENVIRONMENTAL SOLUTIONS TO ENVIRONMENTAL CHALLENGES

February 18, 2020
7:30 am – 4:15 pm
CityPlace Event Center
2711 North Haskell Ave., Dallas, Texas 75204

AGENDA

	Continental Breakfast (7:30)
	Welcome and Opening Remarks (8:00)
	COLLECTION SYSTEM
8:15	**Responding and Planning for Lift Station Failures** - *Frank Pugsley, PE (City of Denton), Rebecca Diviney, PE (City of Denton)*
8:45	**Large Pump Station Power Redundancy** - *George Luke, PE (GAI)*
	BREAK (9:15)
	PLANNING
9:30	**Planning for a Greenfield Water Resource Recovery Facility to Meet 50 Years of Growth and Beyond** - *Samir Mathur, PE (CDM Smith), Donna Long, PE (NTMWD), Al Sun, PE (CDM Smith)*
10:00	**A New Planning Approach - Using Sustainable Return on Investment Analyses of a Water Reclamation Facility** - *Andrea Bohmholdt, ENV SP (AECOM)*
	NUTRIENT REMOVAL
10:30	**Application of Lessons Learned from Biological Nutrient Removal Training** - *Randy Ofongo (NTMWD), Baron Snelgrove (NTMWD)*
11:00	**Utilizing Metabolic Selectors to Facilitate the Path to Densification of Activated Sludge** - *Brandt Miller, PE (Hazen and Sawyer)*
	LUNCH (11:30)
	PEAK FLOW
1:00	**Emergency Response Plan at the Dallas Water Utilites Central Wastewater Treatment Plant** - *Ron Patel, PE (DWU), Darell Long (DWU)*
1:30	**Two in One: Combined Equalization and Peak Flow Storage Basin to Balance Flows to Secondary Treatment Process at an MBR Plant** - *Josh Frisinger, PE (Plummer Associates, Inc.)*
2:00	**Know Your Risks: Enhancing Resiliency with Improved Flood Risk Data** - *Jim Keith, PE, CFM (FNI), Webster Mangham (TRA)*
	BREAK (2:30)
	SOLIDS MANAGEMENT
2:45	**Innovative and Cost-Effective Approach to Solving Sludge Issue - A case study on City of Houston's North East Water Purification Plant** - *Vinoth Manoharan, PE (AECOM), Vishakha Kaushik, PE (AECOM)*
	INTERACTIVE PANEL DISCUSSION (3:15)
	ADJOURN (4:15)

Interactive Panel Participants

Donna Long, PE - Wastewater Program Manager (NTMWD)
Dan Halter, PE - Senior Program Manager (DWU)
Bill Gase - Wastewater Director (City of Garland)
Ana Julia Pena Tijerina,PE - Strategic Operation Facilities Planning (FWWD)
Matthew Jalbert, PE - Engineering Services Manager (TRA)