

**Project Management Seminar
February 23, 2018 Agenda**

Time	Presentation	Presenter	Description
7:15 - 7:50	Check in & Breakfast		
7:50 - 8:00	Welcome	Trevor Stokes; Stantec	
8:00 - 9:00	Managing Diverse Dam Safety Activities at Multiple Locations	Fred M. Blumberg; Arcadis-US, Inc.	The City of Dallas owns over 24 dams; about half are high-hazard structures. The dissimilar dams are managed by three City departments. A multi-year project includes: inspections; O&M manuals; Emergency Action Plans; training; EAP exercises; and an updated dam safety program. The project demonstrates Integration, Scope, Time and Communication Management.
9:00 - 10:00	Project Delivery Methods- Expanding Owners Toolbox	Larry Ayers, PE, DBIA; Kirby Anderson, DBIA; MGC Contactors	This presentation will define what Design Bid Build "Hard Bid", Competitive Sealed Proposal "Best Value", Shortlist "Qualified Hard Bid", Construction Manager at Risk (CMAR), Prescriptive Design Build and Progressive Design Build. The presentation will cover the positive and negative attributes of each delivery method. Ending the presentation will be a matrix review recommendation of when to choose each project delivery method
10:00 - 10:15	Break		
10:15 - 11:15	Asset Management: Monitoring and Controlling Sewer Main Projects	Mark T. Schnur; San Antonio Water System	SAWS Engineering, Construction and Project Controls groups are tasked with executing, monitoring and controlling numerous engineering projects to rehabilitate over 5,500 miles of sewer main and meet the requirements of a Consent Decree with the EPA. This presentation will show how SAWS is managing this task within the outlines of the PMBOK knowledge areas, including specific projects as examples.
11:15 - 12:15	Alternative Delivery & Innovative Technology Working Together	Nathan Antonneau, P.E., Evoqua Water Technologies	Riverbend WRP, part of the Upper Trinity Water Regional Water District (Lewisville, TX) and Agua Nueva WRF, owned by Pima County (Tucson, AZ) are excellent examples of alternative delivery and innovative technology working together to produce time and cost efficient project delivery. Evoqua partnered with the alternative delivery teams early and conducted innovative technology pilots for each project to prove performance, provide design guidance, and mitigate risk for all parties involved. This presentation will provide an overview of each technology, why it was selected for the given project, rationale for piloting and results, summarize the execution phase, and discuss lessons learned.
12:15 - 12:45	Lunch		
12:45 - 1:45	Hurricane Harvey – Disaster Response Project Management	John Keane, PE; Javier Cantu, PE; Andrew Swirsky, PE; Stantec	The impacts of Hurricane Harvey to the City of Houston included over 30 wastewater treatment plants and over 400 lift stations. Within 36 hours after the City's request for help, our team completed damage assessments at 10 of the City of Houston's 38 wastewater treatment plants and additional lift stations. The presentation will discuss the tools and management practices used to navigate around the challenges these conditions created including Scope, Time, Quality, and Communication Management.
1:45 - 2:45	Design Management for Alternative Delivery Projects	Shay Ralls Roalson, PE; HDR	Texas cities are increasingly turning to methods such as Construction Manager at Risk and Progressive Design-Build to deliver complex water and wastewater projects on shorter schedules and with a greater degree of cost control and accountability. Under these Alternative Delivery methods, construction and engineering proceed simultaneously, requiring adjustments to design management practices as they are typically conducted for traditional delivery projects.