

Draft Schedule – TAC 2019 Fall Workshop (as of June 21, 2019)

The Use of Tunnelling Technologies and Underground Space for Stormwater and Flood Control

Monday, October 21, 2019

- 8:45 – 9:15 **Introduction/Opening Remarks**
Jason Mann, KGS Group, and TAC Director, Manitoba and the Prairies
- 9:15 – 10:00 **Overview of the Winnipeg Combined Sewer Outfall (CSO) Project**
Mark Draper, Stephen Godon, Jacobs
- 10:00 – 10:30 Coffee Break
- 10:30 – 11:15 **Performance Evaluation of Two 2,700 mm CSO Microtunnelling Drives in High Plasticity Winnipeg Clays**
Kelly Fordyce, Ray Offman, KGS Group
- 11:15 – 12:00 **Land Drainage Installation in the Ferry Road Combined Sewer District**
Kirby McRae, TetraTech
- 12:00 – 13:00 Lunch
- 13:00 – 14:30 **Constructing the 25 Km Super Sewer and Reconnecting London with the River Thames**
John Kinnear, Jacobs
- 14:30 – 15:00 Coffee Break
- 15:00 – 15:45 **Application of Multivariable Decision Making for the Baltimore Force Main Crossing**
Jason Lueke, Associated Engineering
- 15:45 – 16:30 **Uniform Cutting Head Load Sharing in TBM Cuttingheads**
Andrew Caruana, Rene Ramirez, Smith and Long
- 16:45 – 17:45 **TAC 2019 Annual General Meeting**
- 18:30 – 19:00 **TAC Awards Banquet Cocktail Reception**
- 19:00 – 22:00 **TAC Awards Banquet**

Tuesday, October 22, 2019

- 8:45 – 9:00 **Introduction/Opening Remarks**
Jason Mann, KGS Group, and TAC Director, Manitoba and the Prairies
- 9:00 – 9:45 **Trenchless Method Overview: Choosing the Right Approach**
Robin Lorenzen, Akkerman

- 9:45 – 10:15 Coffee Break
- 10:15 – 11:00 **Geotechnical Assessment for Design and Construction of a Trenchless Storm Trunk Crossing the Canadian Pacific Railway with a MTBM**
Remco Kleinlugtenbelt, Thurber Engineering
- 11:00 – 12:00 **Northeast Interceptor Crossing of the Red River in Winnipeg**
Seamus Tynan, Sam McCabe, Ward and Burke
- 12:00 – 13:00 Lunch
- 13:00 – 14:00 **The Clean Rivers Project, Four Large Size TBMs deployed for DC's new CSO Program**
Steffen Dube, Herrenknecht
- 14:00 – 14:30 Coffee Break
- 14:30 – 15:15 **26.7 Million Gallons of Storage in Rubber City – Design and Construction Akron's Ohio Canal Interceptor Tunnel**
Chris Caruso, McMillen Jacobs Associates
- 15:15 – 16:00 **City of Calgary – Inglewood Sanitary Trunk – Design and Construction**
Chris Macey, Marvin McDonald, AECOM
- 16:00 – 16:45 **Comprehensive Guidance and Data Monitoring Solutions for Small and Large Diameter CSO Tunnels**
Mathias Knoll, VMT
- 16:45 – 17:00 **Closing Remarks**
Jason Mann, KGS Group, and TAC Director, Manitoba and the Prairies