

Agenda: Municipal Sewer Grout School – Toronto

Wednesday, November 14, 2018

8:00 am - Noon

- Welcome + Breakfast
- Introduction to Municipal Grouting
- Infiltration Control Presentation
- Infiltration Flow Rate Demo in Sewer Pipe Bedding Soils
- Grout Truck Introduction: Video + Presentation
- Introduction to ICGA/NASSCO Specification

Noon - 12:45 pm Lunch

12:45 - 5:30 pm

- Pressure Transducer
- Hydraulic Water Pressure + Transducer
- Small Group Rotation: Pump Station, Check-Valve Station, Electrical Station + Transducer, Grouting - Acrylamide + Urethanes, Truck Tour
- Grout Truck System: Bucket Test, Packer ASTM Test on System Integrity, Packer Pump + Void Calculation, Gel Times + Flow Rates
- Annulus Flow Demo in Lined Pipe: Lateral Packer Operation

5:30 pm - 7:00 pm Recap of Day + Networking Event

Thursday, November 15, 2018

7:30 am - Noon

- Breakfast
- Grouting Material Safety Training + Test
- Grout Tank Mixing
- Packer Presentation and Maintenance Troubleshooting
- Hydrometer Test + Temperature Effects on Gel Times
- Manhole Rehab: Injection Grouting, Presentation and Demo

Noon - 12:30 pm Lunch

12:30 pm - 4:00 pm

- Annulus Grouting of Lined Pipe
- Sand Grout Box + Packer
- Lateral Connection Sealing Demo
- Open Discussion + Certificates of Completion + Closing Comments

**Agenda subject to change*

