TITAN

BUILD YOUR LEGEND

CONCRETE PROTECTION UNIVERSITY

NOVEMBER 16, 2023

DELTA HOTEL | **75 LOWER SIMCOE ST.** | **TORONTO**

8:30 - 9:00 a.m. **Check-In & Continental Breakfast**

9:00 - 10:30 a.m. **Mike Rublaitus**
Titan Environmental, Technical Product Manager

- Causes of microbial-induced corrosion in wastewater systems
- Available corrosion protection technologies on the market
- Design considerations related to groundwater and backpressure
- Using HDPE liners for corrosion protection in precast pipe, wet wells, manholes, lift stations and other precast structures
- Using HDPE liners for poured in place structures such as chambers, digestors, and pump stations
- Capturing the cost of infiltration in a wastewater system
- Discussion of the lined pipe and chambers for the Region of Peel diversion project
- Rehabilitation of large existing structures experiencing corrosion
- No dig / no excavate solutions for corroding manholes and underground pump stations
- Fort Erie manhole rehabilitation case study
- Fiberglass rehabilitation of large pump stations, chambers and other structures
- Designing concrete protection systems that last the life of the structure with no long term maintenance or replacement costs
- The future of corrosion protection in wastewater systems

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10:30 - 10:45 a.m.   **Coffee Break**

10:45 a.m. - 12:00 p.m.   **Wayne Turner**
Turner Plastics Consulting

- Basics of quality control for concrete protection liner installation
- Intro into thermo plastic welding & fabrication for cast in place projects and precast concrete options
- Hot gas welding
- Extrusion welding
- Sheet butt welding
- Fabrication techniques for cast in place
- Floor, wall, top slab lining
- Profile offerings
- Precast applications & methods

12:00 - 1:00 p.m.   **Lunch**

1:00 - 2:30 p.m.   **Wayne Turner**
Turner Plastics Consulting

- Quality Control Inspection Certification
  - Hands on welding demonstration & field weld procedures
  - Spark testing & visual inspection

2:30 p.m.   **Event Ends**