

Assuring Sustainable Operations and Maintenance of Stormwater Facilities

Tenth Avenue Marine Terminal Modernization Project – Stormwater Biofiltration System

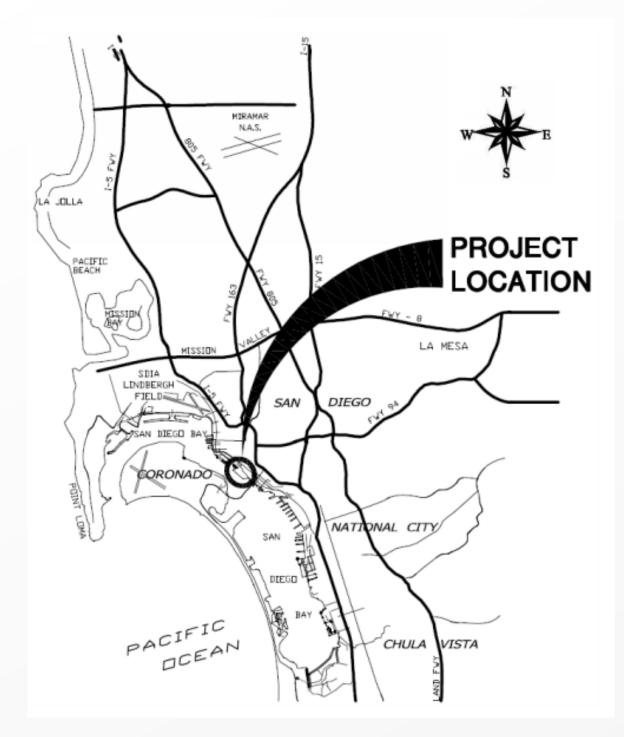
Alex Yescas, PE, CFM, ENV SP

September 27, 2019

Southern California Water Coalition Workshop

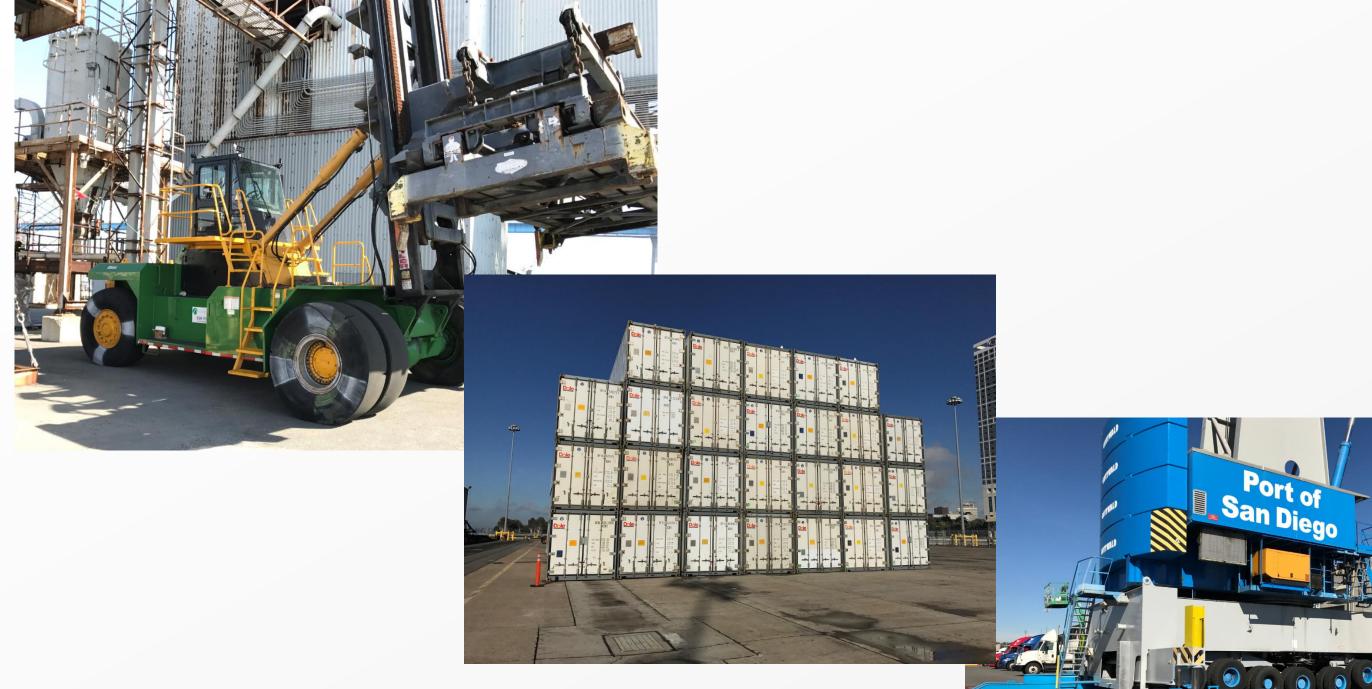








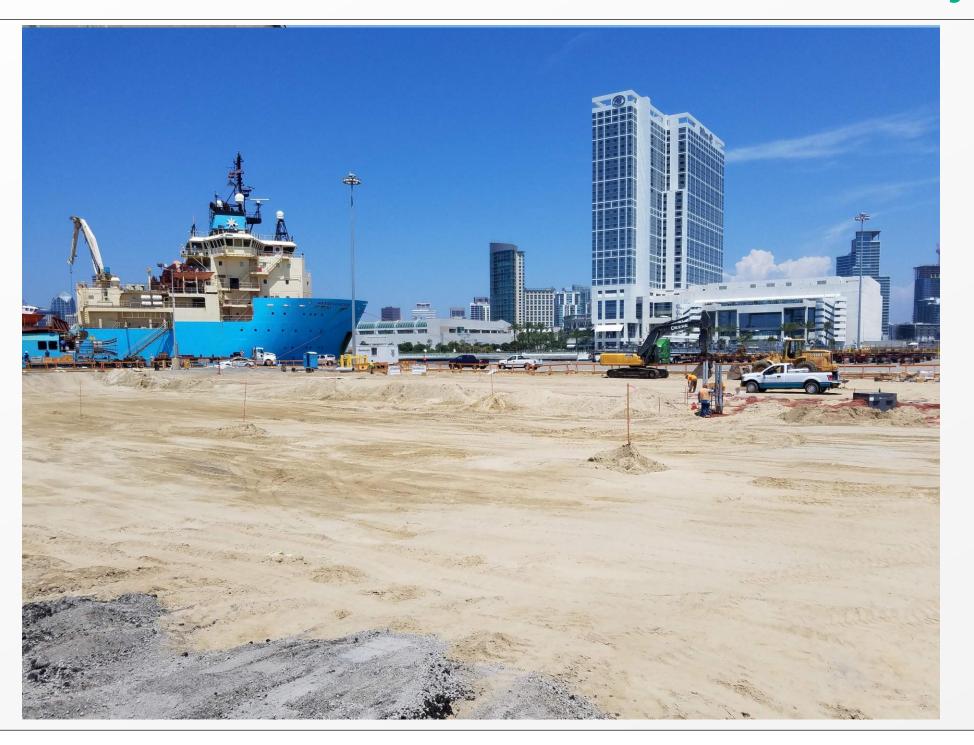




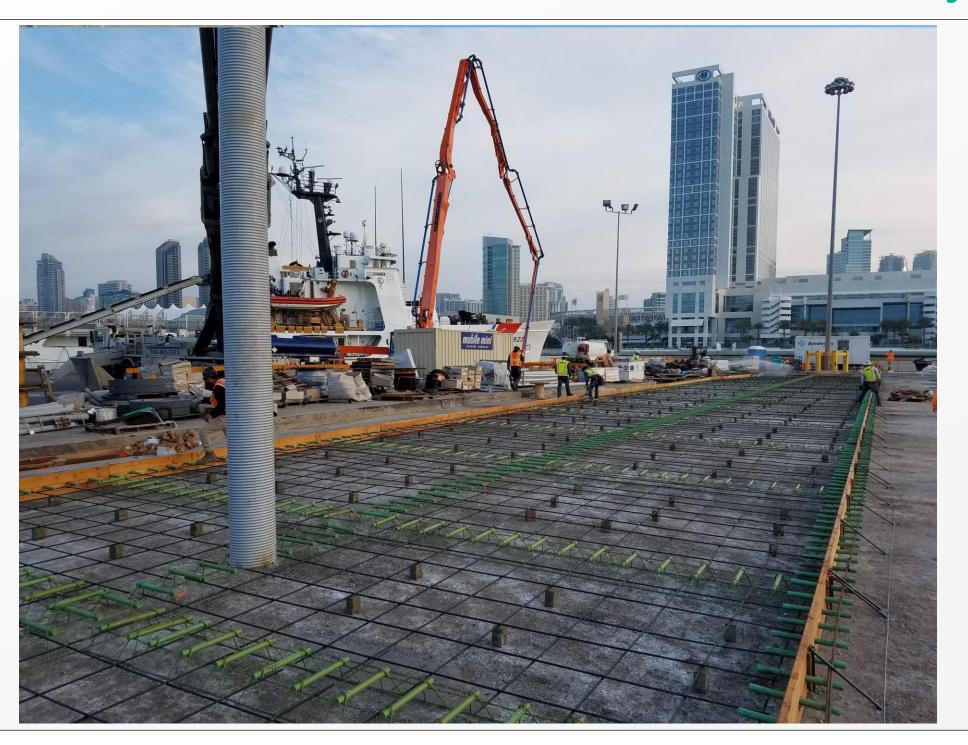


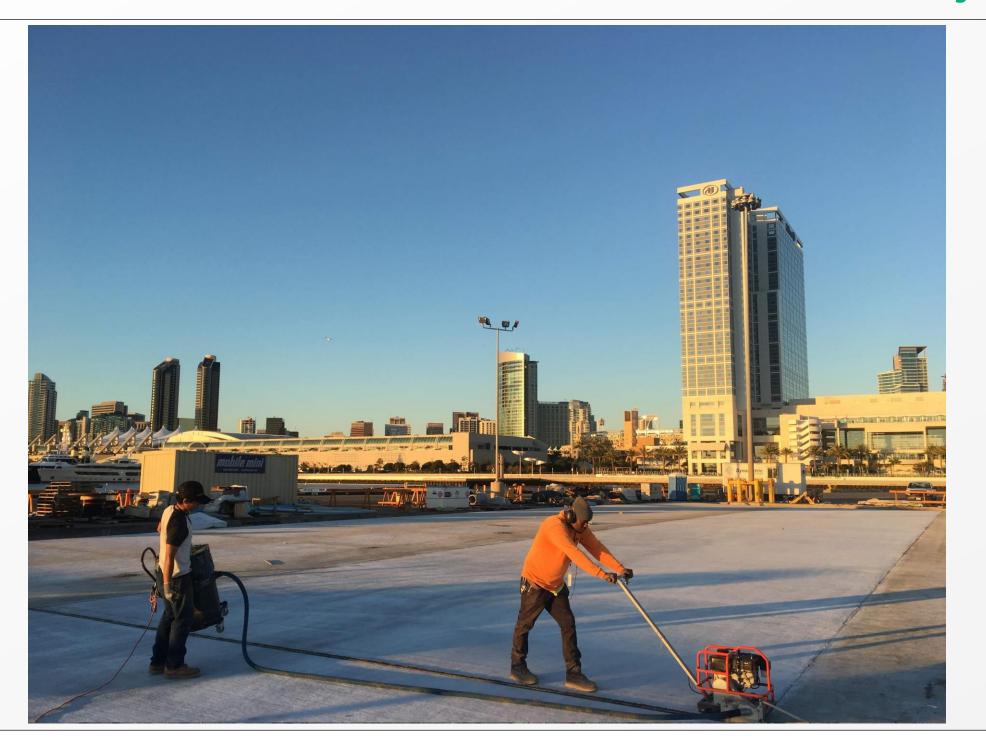




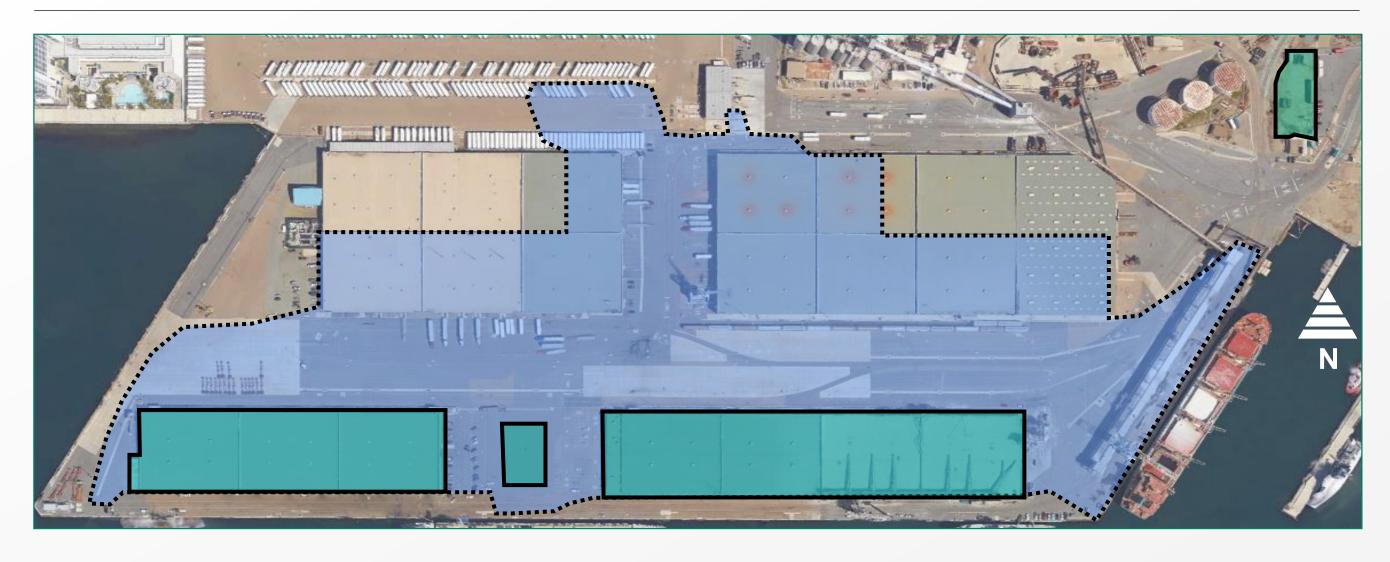












- = Project Footprint/Obligation Area (approx. 10 acres)
- = Stormwater Treatment Footprint (approx. 41 acres)

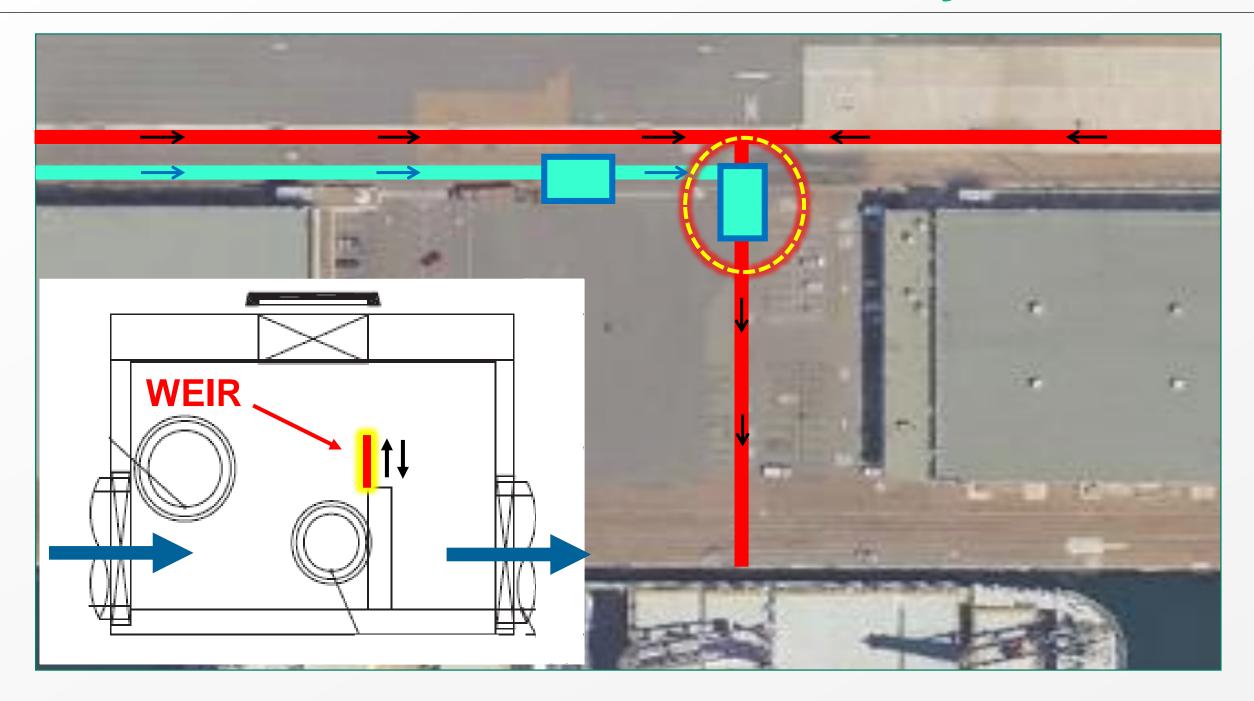




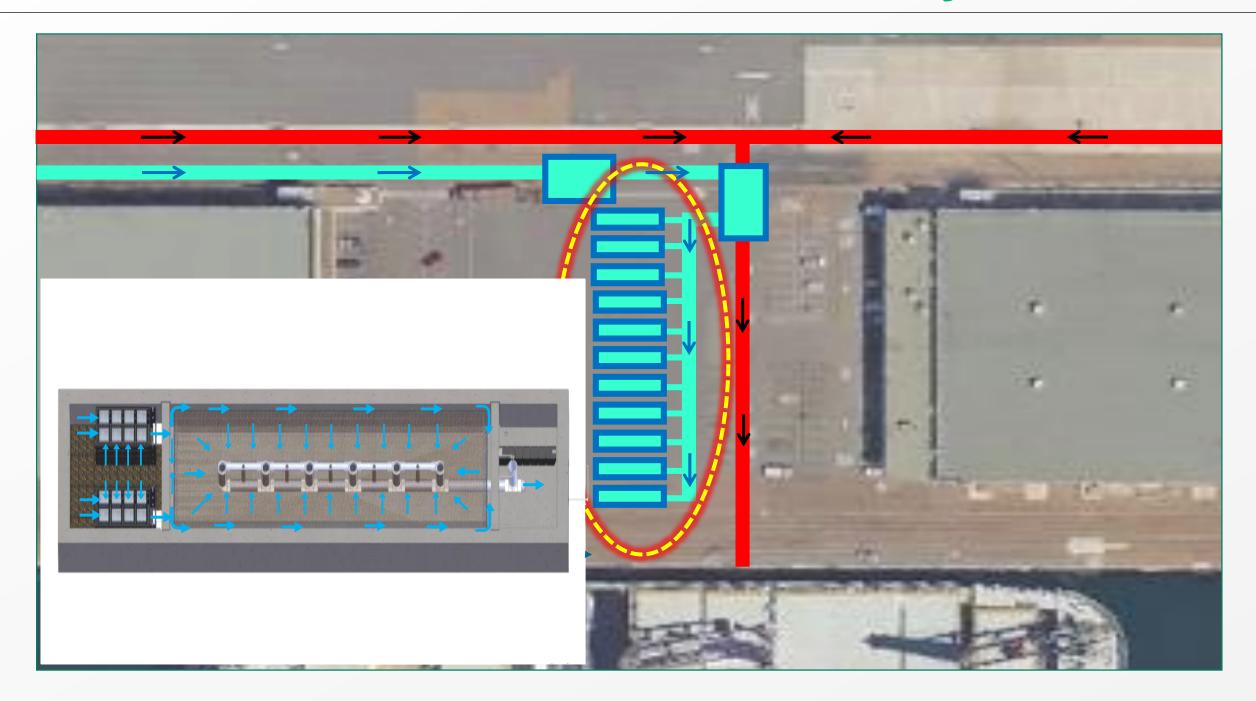




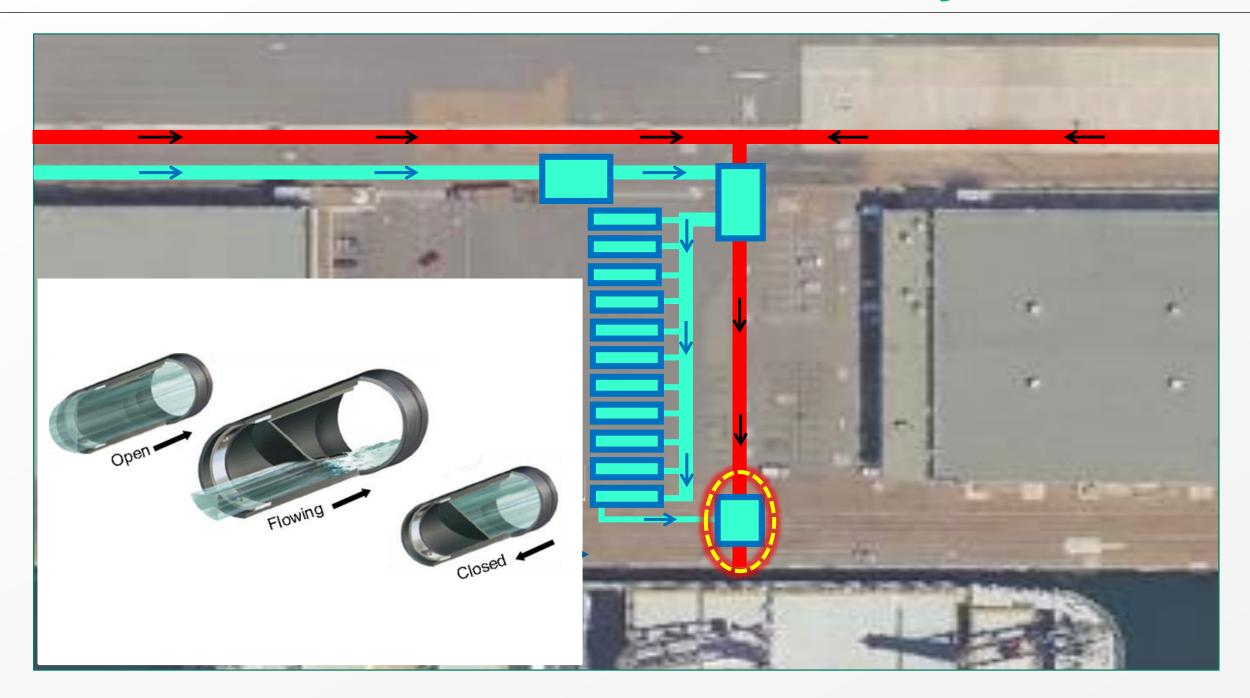












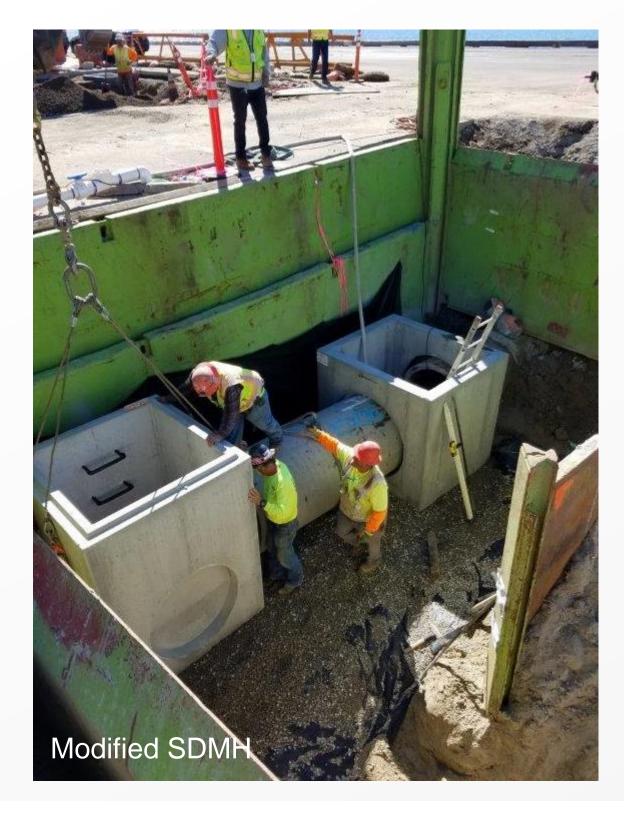






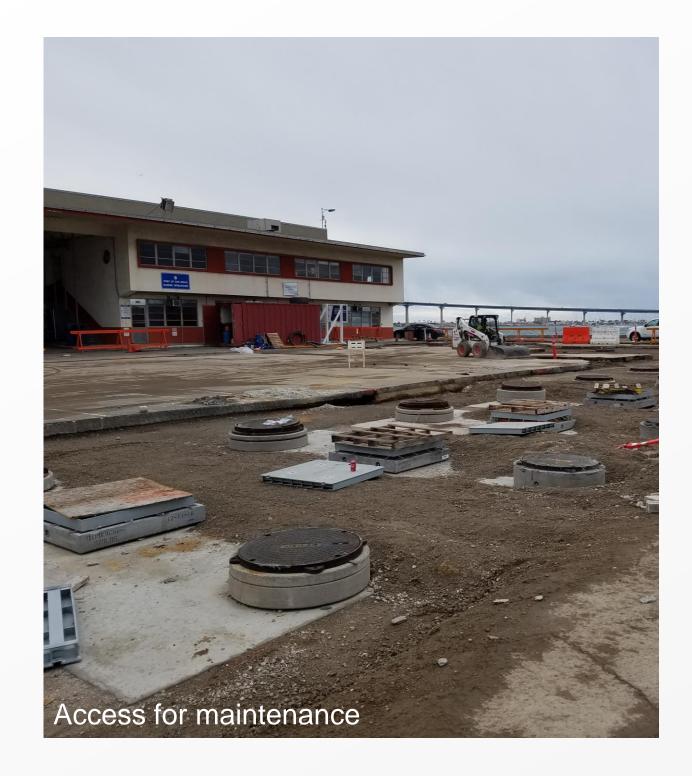
Inflow Outflow







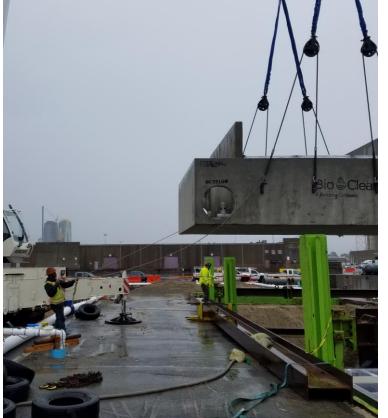




















TAMT Project – Stormwater Improvements

- New BMP facility installed April 2019
- Treats approximately 41 acres of TAMT
 - IGP and MS4 Compliance
- Designed with O&M process in mind
- Stormwater improvements cost = approx. \$3.2M



