

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion





Construction Progress – EWP 1 Site Development Jan 30, 2019

- Excavating and laying 36in FW Pipeline
- Setting the FW Pipeline Manways and Manholes
- Hydro-vacuuming to safely relocate the fiber optic cable
- Embanking and grading East Areas C & F
- Stabilizing, laying fabric and flex base for Barnard Laydown area.
- Prepping road 1 for asphalt paving

Stabilizing/mixing subgrade for Barnard Laydown Pad







Filling and grading Areas C & F









Hydro-vacuuming to safely relocate the fiber optic cable



Prepping Road 1 for asphalt paving









Construction Progress – EWP 4 – Raw Water Corridor

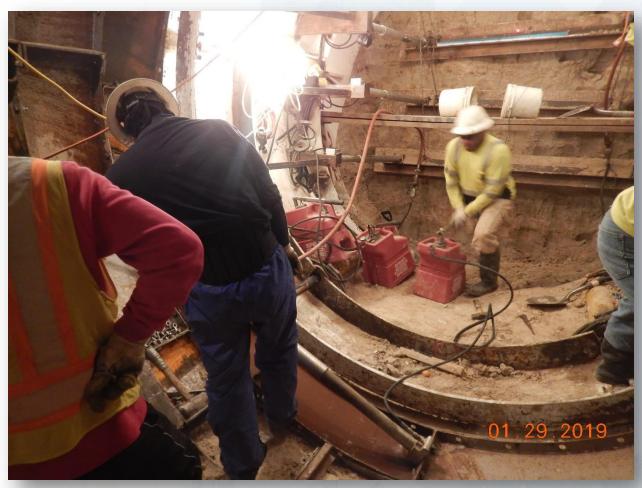
- Cutting pipeline excavation, and installing shoring system
- Tunneling in shaft
- Delivering 108in Pipe Joints
- Laying 108in Pipe, & Backfilling
- Placing CLSM
- Resumed Welding



Laying flex base on access road in corridor



Tunneling, grouting, and placing pea gravel









Construction Progress – EWP 2 Filter Structure & TPS

FILTER STRUCTURE:

- Reinforcing/Forming walls
- Pouring walls
- Placing and aligning pipelines.
- Stripping forms and patching.
- Excavation and backfilling around structures

TPS:

- Forming and reinforcing main slab sections
- Pouring main slab sections



Setting and welding risers on 84 & 36in FTW Pipe



Installing water stop and forming wall D1







Reinforcing TPS Slab Area B3







Pouring TPS Slab Area B3







TPS Wall A1 Reinforcement











