



CITY OF HOUSTON
Houston Public Works

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion

Houston Waterworks Team



Sitewide Safety Meeting and Silica Dust Hazard Training





Construction Progress – EWP 1 Site Development

Oct 10, 2018

- **Placed Rock Filter Dam and graded Ponds 2 and 3**
- **Installing power to guard shack**
- **Clearing/Grubbing CenterPoint Easement**
- **Performing 20in Hot Tap on 66in Water Main**
- **Installing 20&14in RW Metering Station**



Installed Rock Filter Dam, and grading Pond 2



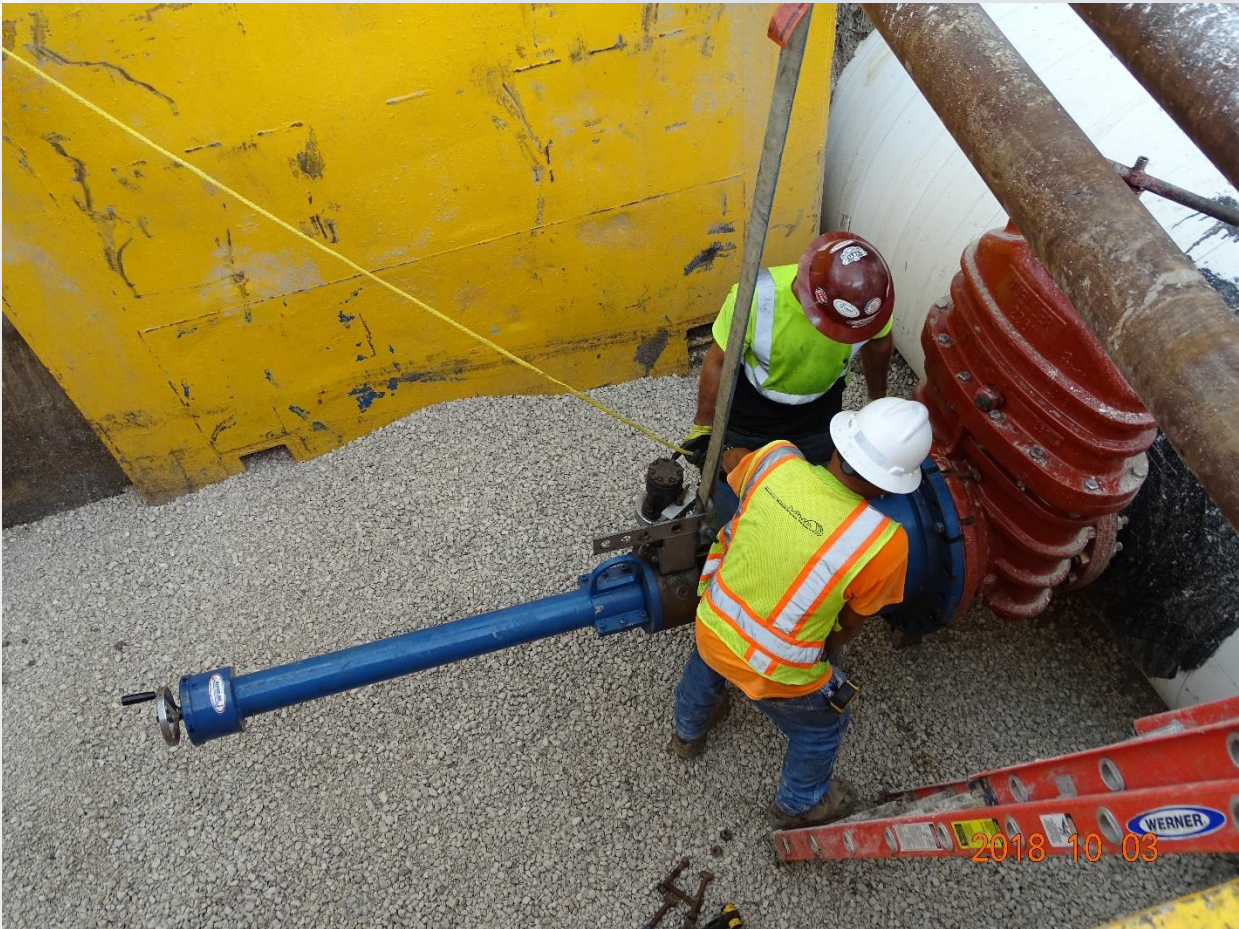
Installed Rock Filter Dam, and grading Pond 3



Clearing CenterPoint Easement



Performed 20in Hot Tap on 66in Water Main



Coupon pulled from 20in Hot Tap on 66in Water Main



Installing 20in RW Metering Station





Construction Progress – EWP 4 – Raw Water Corridor

- **Cutting pipeline excavation, and installing shoring system**
- **Installing fence in East corridor**
- **Tunneling in shaft**
- **Excavating shaft in East Corridor**
- **Laying 108” Pipe**
- **Excavating Exit Shaft in East Corridor**
- **Placing CLSM**



Placing CLSM in 108in Pipe Trench



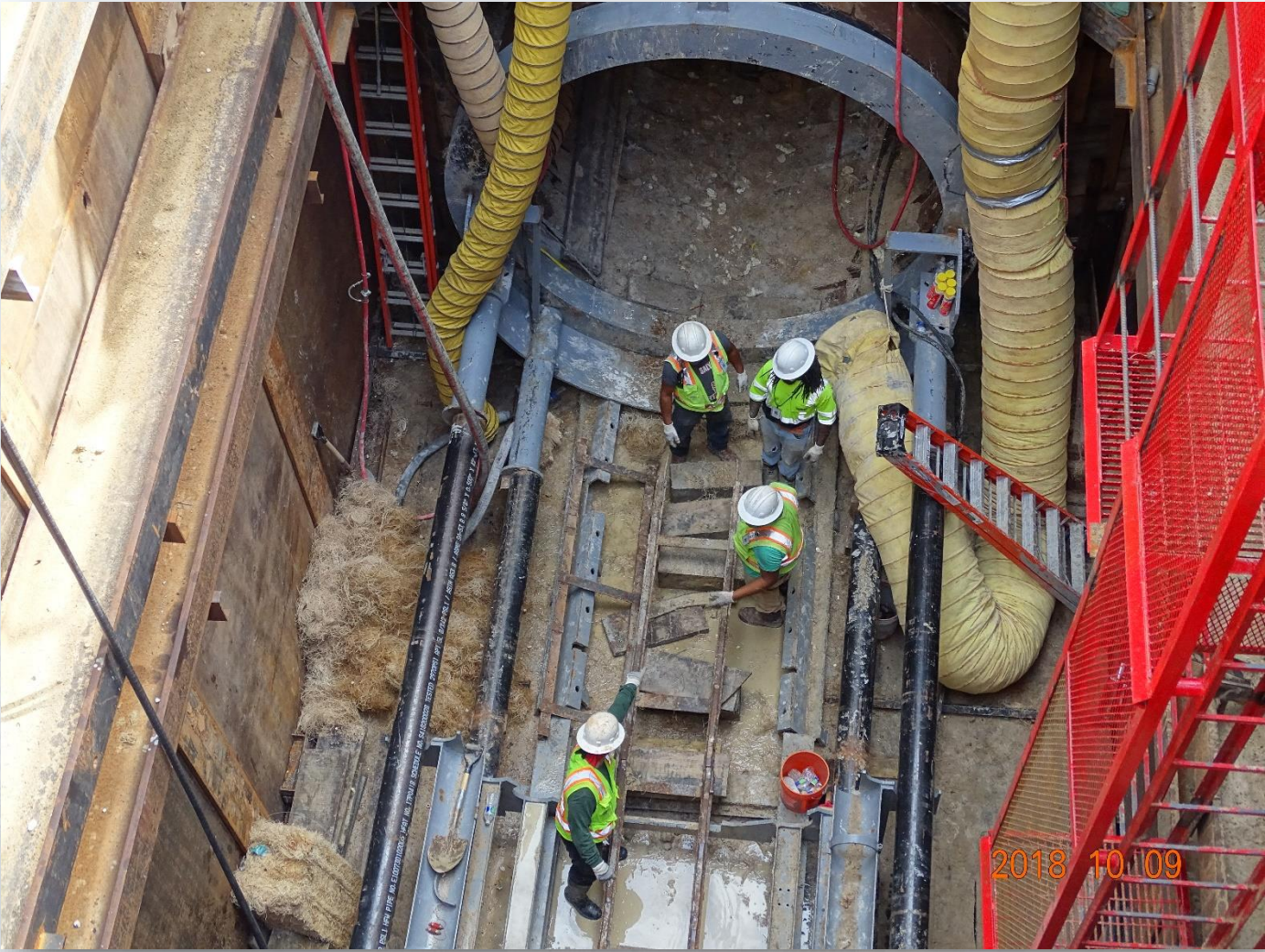
Placing CLSM in 108in Pipe Trench



Laying 108" RW Pipe Joints



Tunneling in Shaft





Construction Progress – EWP 2 Filter Structure & TPS

FILTER STRUCTURE:

- **Installing formwork for walls**
- **Tying rebar and installing waterstop for walls**
- **Poured walls**

TPS:

- **Poured TPS Retaining wall**
- **Backfilling and compacting TPS slab**



Excavating OZW Inlet Box



Tied rebar and dowels for Bypass Vault



Poured Bypass Vault Slab



10.05.2018 13:03

Pouring C15, 16, & 17



Tying rebar for C12 Lift, and OZW Inlet box slab



Backfilling & Compacting TPS Slab



Poured TPS Retaining Wall

