

CITY OF HOUSTON Houston Public Works

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion



Construction Progress – EWP 1 Site Development August 29, 2018

- Completed pond 2
- Final grading Ponds 1 & 3
- Hauling soils
- Lime stabilizing and Laying CTB on Road 2
- Installing 20"RW pipeline
- Installing fence on south property line.

Excavating Storm Drains to Jack's Ditch from Pond 3



Houston Waterworks Team

Relocating RW Metering Station



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Made connection to wetland outfall



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Construction Progress – EWP 4 – Raw Water Corridor August 29, 2018

- Maintaining dewatering system
- Cutting pipeline excavation, and installing shoring system
- Installing fence in East corridor, South side
- Installing dewatering system in East corridor
- Preparing Portal Ring
- Laying 108" Pipe

Aerial View Aug 25, 2018





Laid first joint of 108" Pipe



Construction Progress – EWP 2 Filter Structure & TPS August 29, 2018

- Installing formwork for base manifold slabs
- Tying rebar for base manifold slabs
- Poured TPS pump can seal slab
- Tying rebar for pump can slab
- Stripping formwork

Forming and reinforcing base manifold slabs



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Placed crushed concrete, and poured seal slab for TPS Pump Can



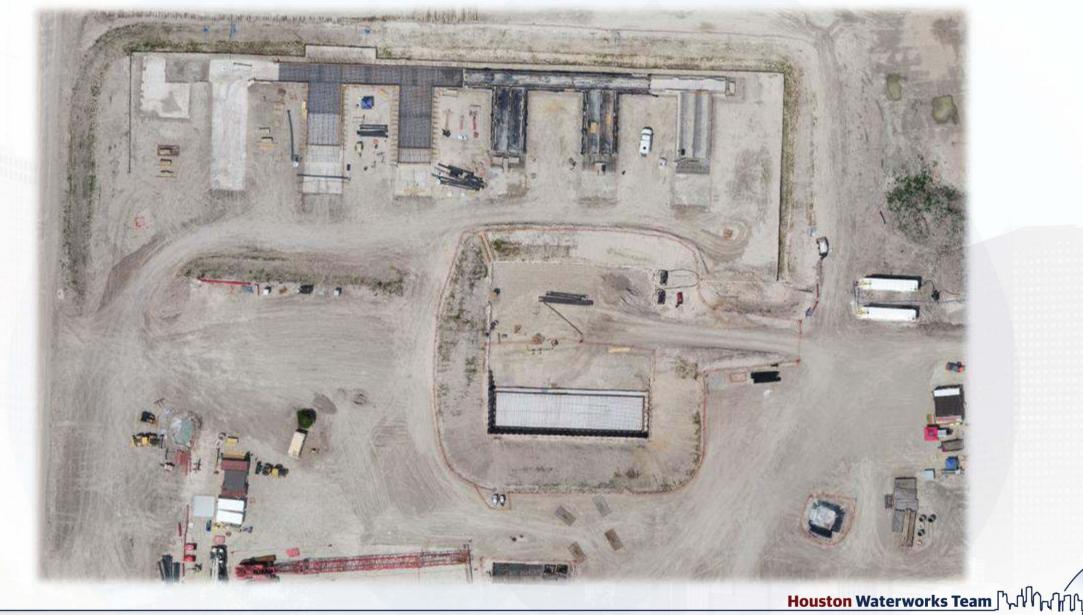
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Tying TPS Pump Can slab rebar



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Aerial View Aug 25, 2018





- Crane assembled, and assembling hammer and leads
- Cutting and splicing pipe Piles
- Inspecting pipe Piles
- Staging Pipe Pile Template

Crane Assembled for Test piles



Cutting and Splicing Pipe Piles



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Staging Pipe Pile Template



