

CITY OF HOUSTON Houston Public Works

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion

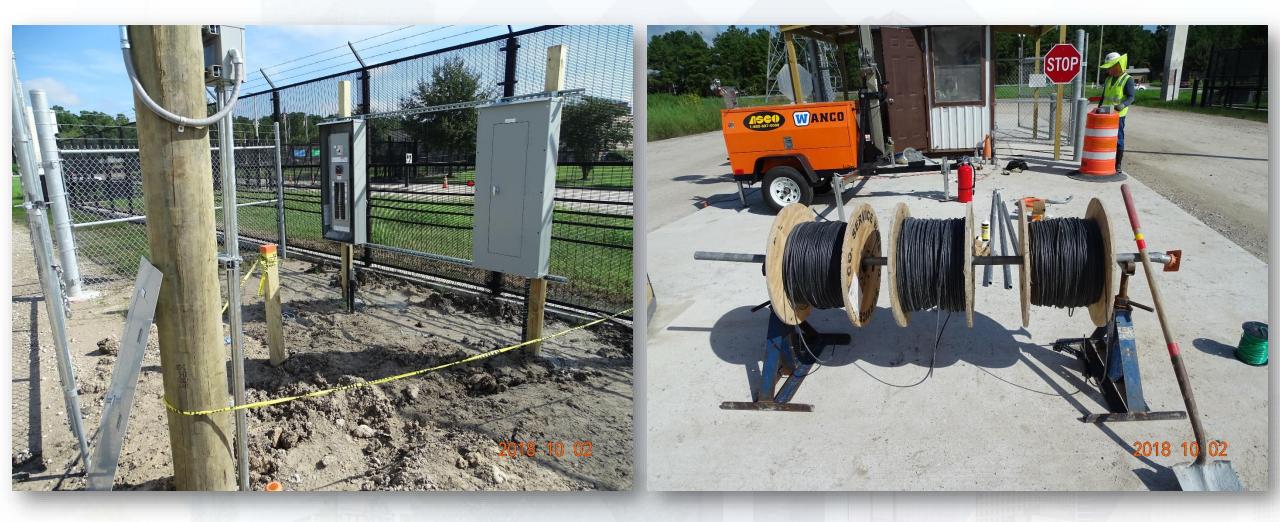


Construction Progress – EWP 1 Site Development Oct 3, 2018

- Installing Storm drainage from Pond 3 to Jack's Ditch
- Installing Storm drainage from Pond 2 to Jack's Ditch
- Installing Rock Filter Dam in Pond 2
- Installing wire to light poles along Road 1
- Installing power to guard shack
- Clearing/Grubbing CenterPoint Easement
- EWP3 Hooking up temporary generator to perform corrections to IPS Generator

Houston Waterworks Team

Installing Panels and Wiring Power to Guard Shack



Houston Waterworks Team

Installing Storm Structure and Manhole from Pond 2



Houston Waterworks Team

Installing Rock Filter Dam in Pond 2



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Installed Outfall from Pond 2 to Jack's Ditch



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Clearing CenterPoint Easement



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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

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Trenching and Laying 108" RW Pipe Joints



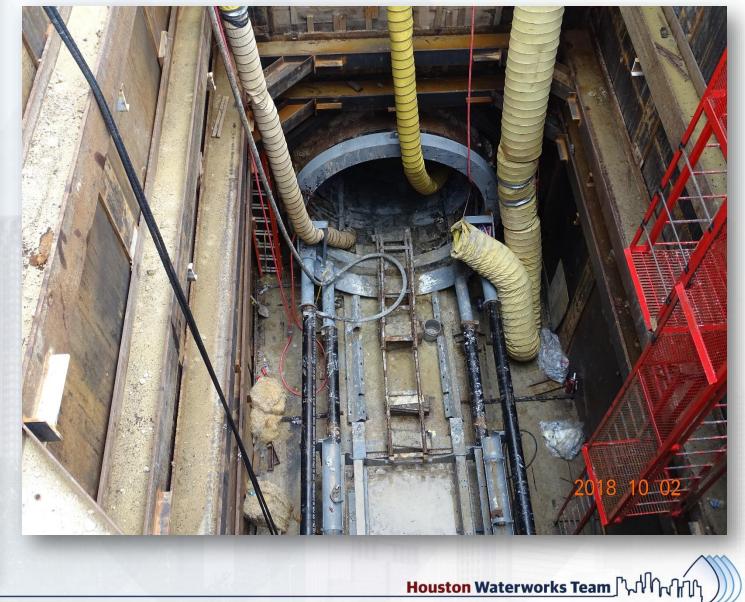
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Laying and Compacting Temp Working Road in West Corridor





Tunneling in Shaft



Excavating and Shoring Exit Shaft in East Corridor



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Construction Progress – EWP 2 Filter Structure & TPS

- Installing formwork for walls
- Tying rebar and installing waterstop for walls
- Poured walls
- Tying rebar and forming TPS Retaining walls

Pouring C20 Walls



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Forming & Reinforcing Bypass Vault Slab





Placing and Tying Wall Rebar

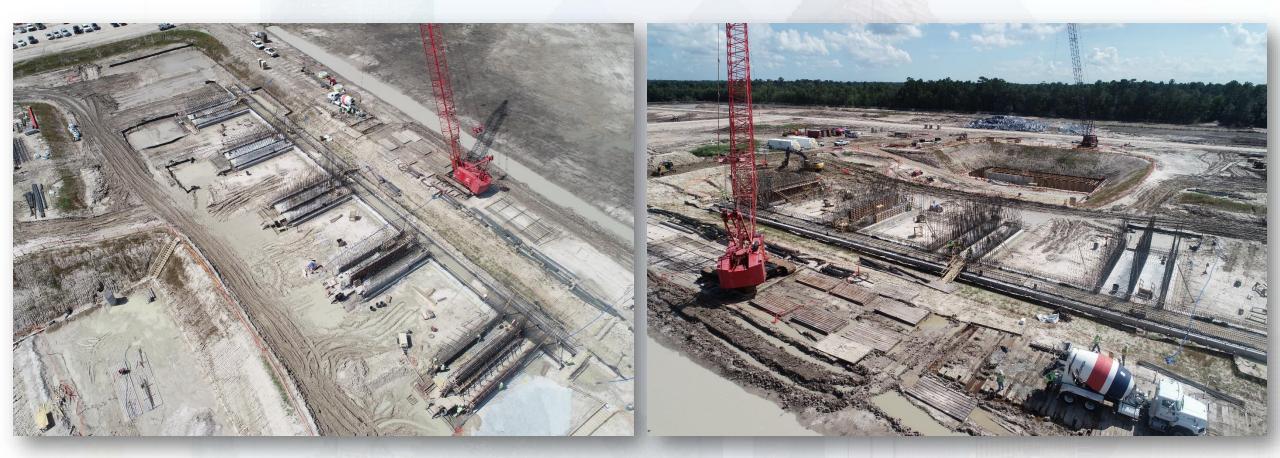


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Pouring Walls D14, 15, & 16

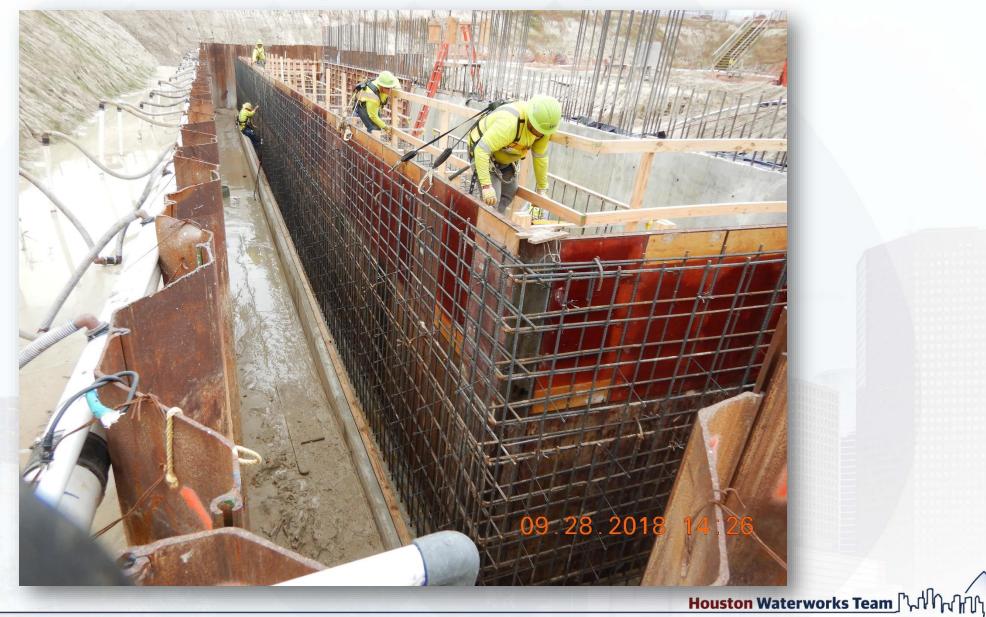


Aerial View of Filter Oct 2



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Reinforcing TPS Retaining Wall



Forming TPS Retaining Wall



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Aerial View of TPS Oct 2



