



**CITY OF HOUSTON**  
Houston Public Works

# DESIGN-BUILD SERVICES

# Northeast Water Purification Plant Expansion

**Houston Waterworks Team**





# Construction Progress – EWP 1 MAIN PLANT

## August 15, 2018

- **Dewatering and Final grading Ponds 1, 2, and 3**
- **Clearing and grubbing South East corner**
- **Embanking Road 2**
- **Laying CTB on Road 3**
- **Installing 20”RW pipeline**
- **Installing fence on south property line.**



# Laying CTB and compacting Road 3



# Cutting ditch to Pond 3



# Gator spotted in ditch



# HWT's New Mascot





# Construction Progress – EWP 4 – Raw Water Corridor

## August 15, 2018

- **Maintaining dewatering system**
- **Poured mud slab in shaft**
- **Welding handrails around shaft excavation**
- **Cutting pipeline excavation, and installing shoring system**
- **Installing fence in East corridor, South side**
- **Installing dewatering system in East corridor**



# Poured mud slab in shaft





# Installing shoring system in trench excavation



# Maintaining dewatering system at trench excavation





# Construction Progress – EWP 2 Filter Structure & TPS

## August 15, 2018

- **Installing formwork for foundation slabs**
- **Tying rebar for foundation slab**
- **Excavating TPS pump cans**
- **Repairing dewatering system**



# Installing formwork for base manifold slab



# Tying rebar for base manifold slab



# Aerial View of Filter & TPS

