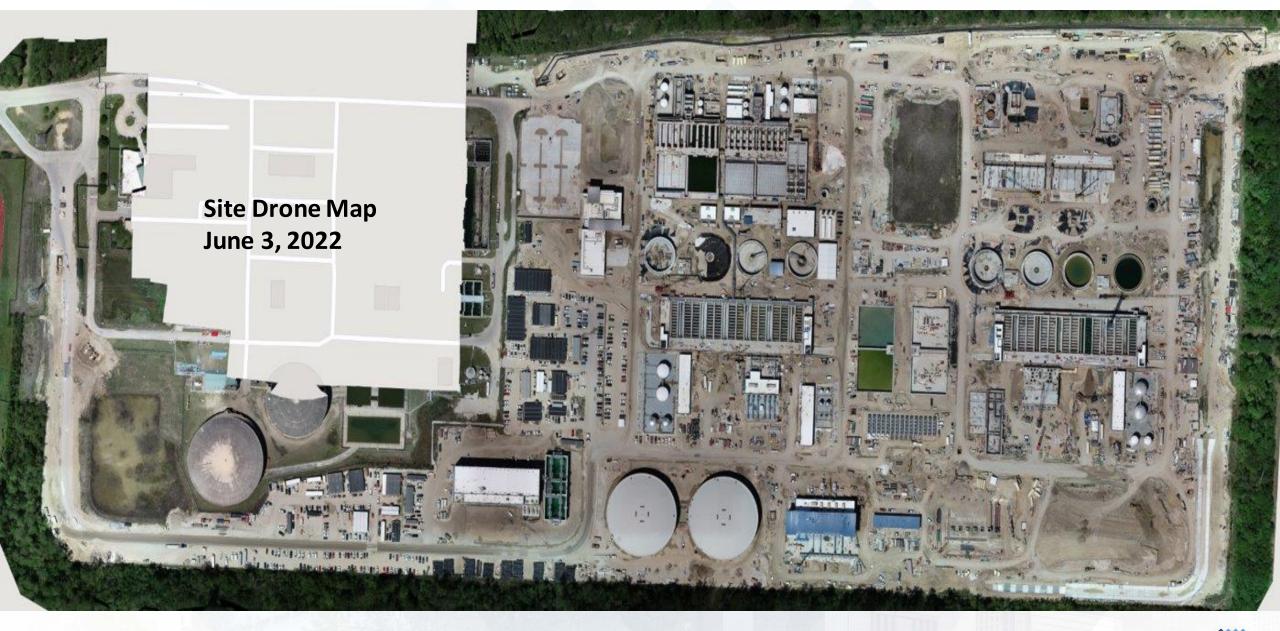


DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion

June 8, 2022





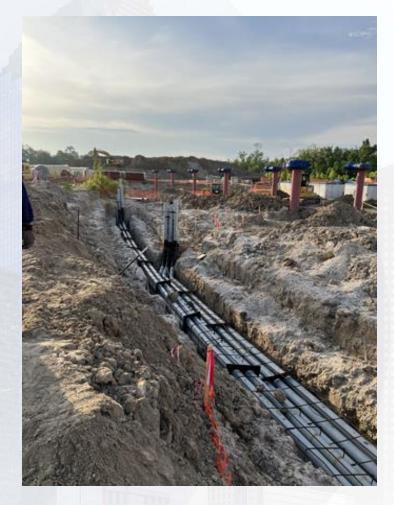


Construction Progress – Site Electrical

- Ongoing Duct bank Install at Facility 402
- Ongoing Lindsey Electric Running New Trailer City Temp Power
- Ongoing Installation of Facility 401 Bus duct
- Shermco Testing Cables Facility 401PMP10101

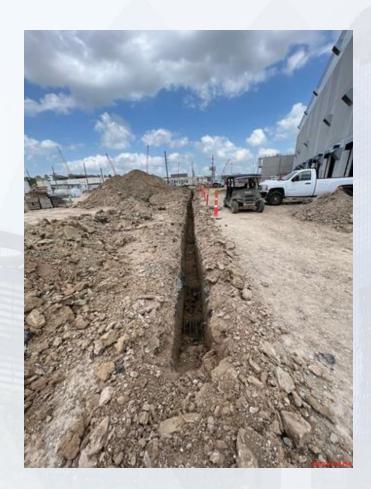
Continued Duct bank Install at Facility 402

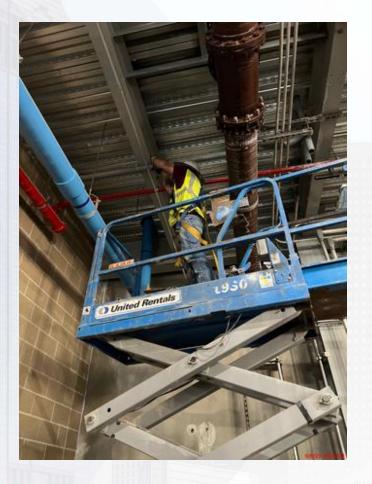




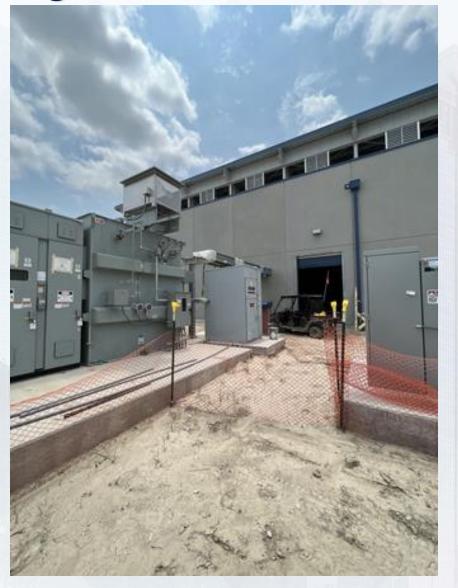
Ongoing Lindsey Electric Running New Trailer City Temp Power





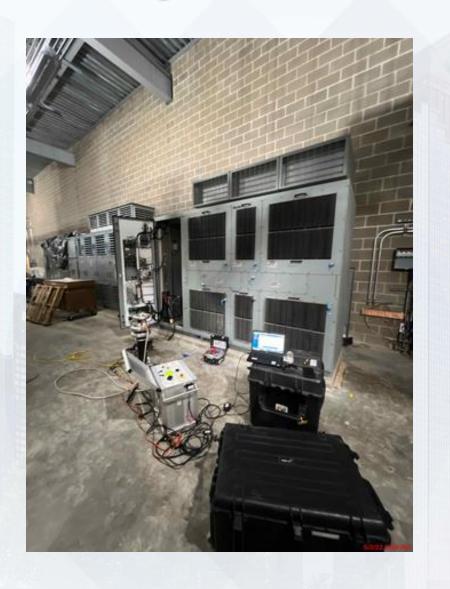


Ongoing Installation of 401 Bus duct





Shermco Testing Cabels 401PMP10101

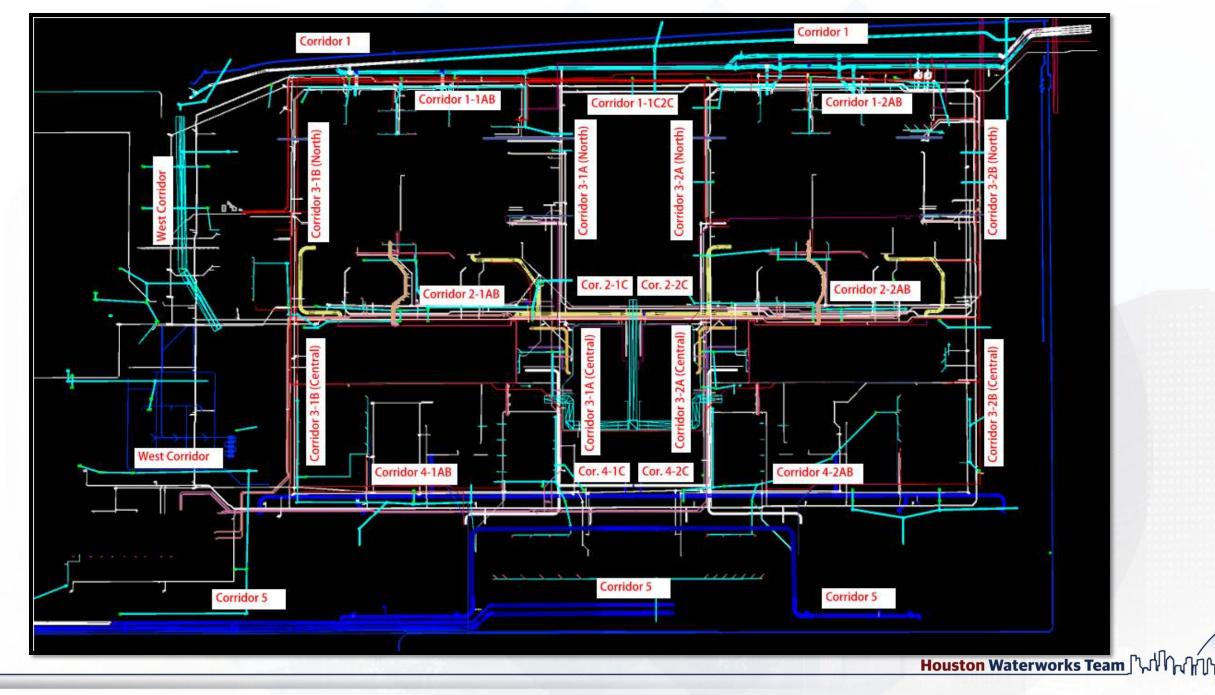




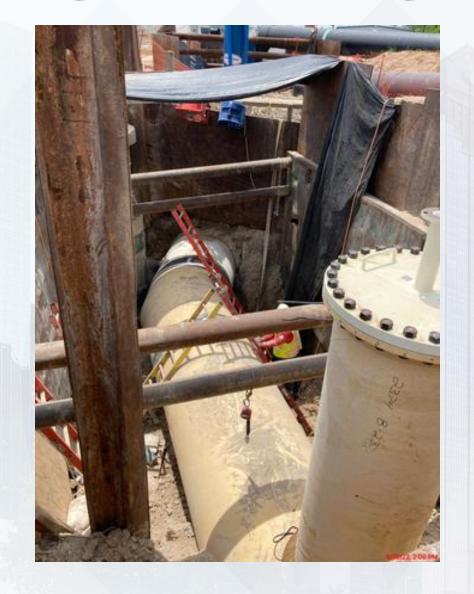


Construction Progress – Yard Piping

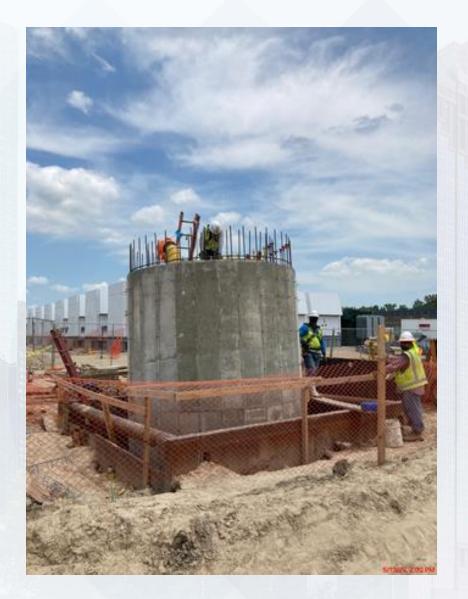
- Installing Victaulic Ring at Facility 282
- Continue installing tie-in to the existing 66-inch RW pipe
- Continue installation of Lift Station 711
- Continue installation of Lift Station 704
- Continue installation of the meter vault
- 96 Inch M11 Coupling
- New 66 Inch Raw Water Valve
- Installation of temporary Commissioning 42 Inch Line



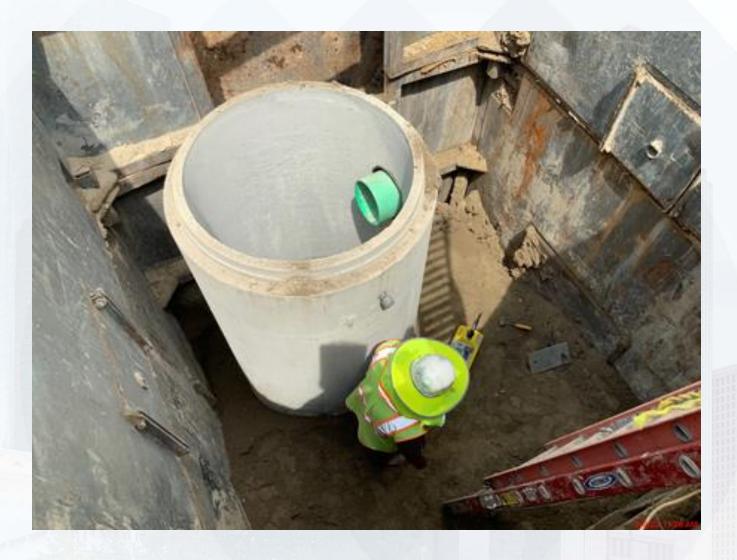
Continue installing tie-in to the existing 66-inch RW pipe



Continue installation of Lift Station 711



Continue installation of Lift Station 704



Continue installation of the meter vault











Construction Progress – Central Plant 1

281-FILTER MODULE 1:

- Installation and Testing of chem piping.
- Installing Media filters

291-TRANSFER PUMP STATION 1:

Process mechanical pipe installation and Testing.

311 – POST CHEMICAL FACILITY SH/CS:

Process Mechanical Piping system coating

312 – POST CHEMICAL FACILITY FA/LAS/PEC/SB:

 Exterior Process Mechanical Piping system coating.

CENTRAL PLANT- PHASE 1 OVERALL



281 FILTER MODULE- Chemical Piping Installation Testing

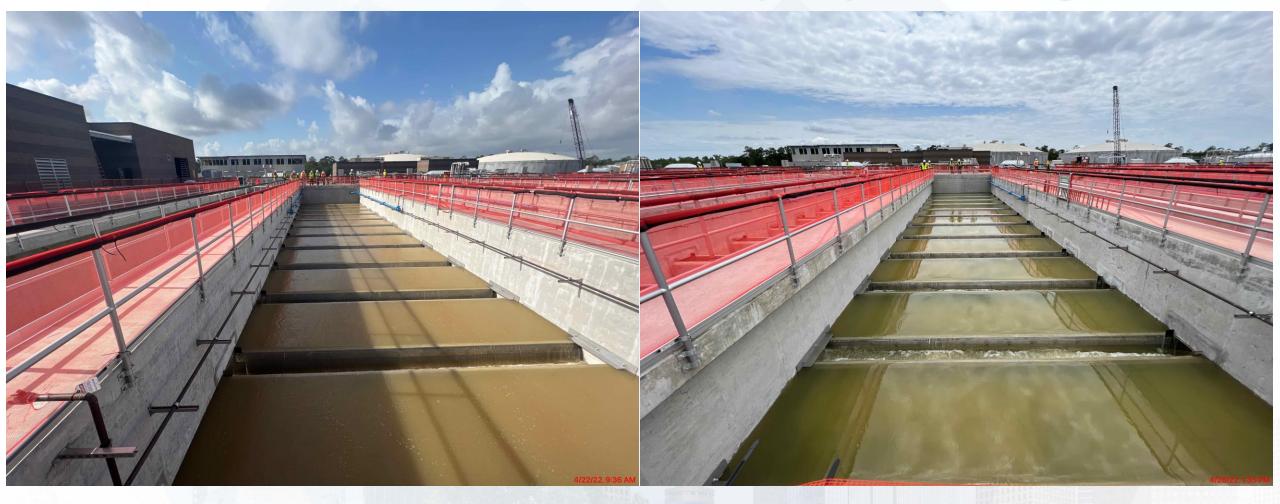




281 FILTER MODULE- Filter Media (Sand) installation



281 FILTER MODULE- Filter Media (Sand) Backwashing



291-TPS - Aerial View (02/09/2022)



22

291-TPS – Process Mechanical pipe installation and Testing





311 - Aerial view -02/09/2022



311 - Chemical Process Mechanical Pipe coating

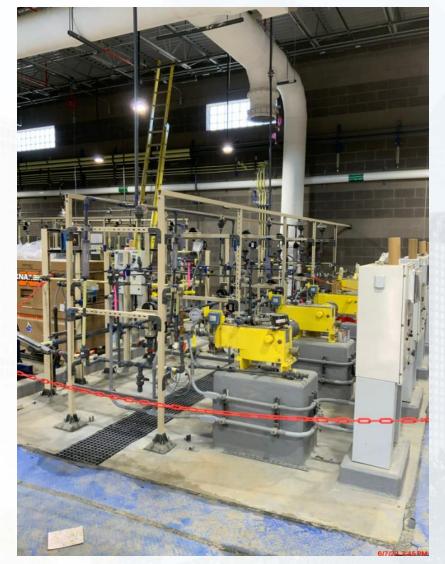




312 - Overall view 02/09/22



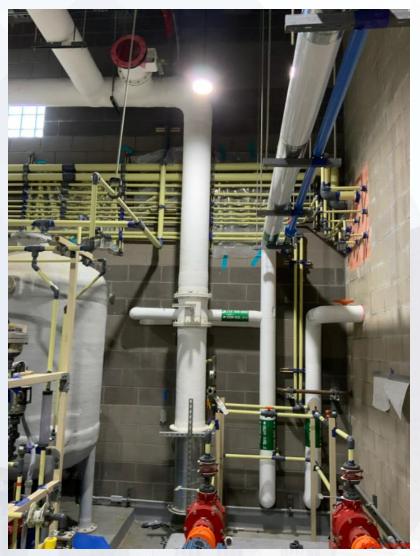
312 - Process Mechanical Chem Pipe Testing





312 - Process Mechanical Chem Pipe Coating







Construction Progress – Central Plant 2

- 282 -FILTER MODULE 2:
- Filter underdrain anchor block installation.
- 24-BWA Pipe installation
- Filters Leak test.

- 292-TRANSFER PUMP STATION 2:
- CMU block Installation

- 313 POST CHEMICAL FACILITY 3 FA/LAS/PEC/SB:
- CMU Block installation.
- Structural steel installation.
- F/R/P Equipment Pads
- 314 POST CHEMICAL FACILITY 4 SH/CS:
- Above ground Plumbing installation
- F/R/P Sidewalks.
- CRC Coating Application

CENTRAL PLANT- Phase 2



313 - Overall view 02/09/22

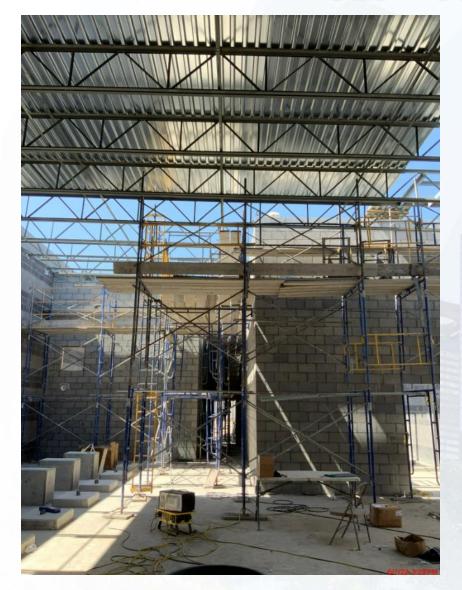


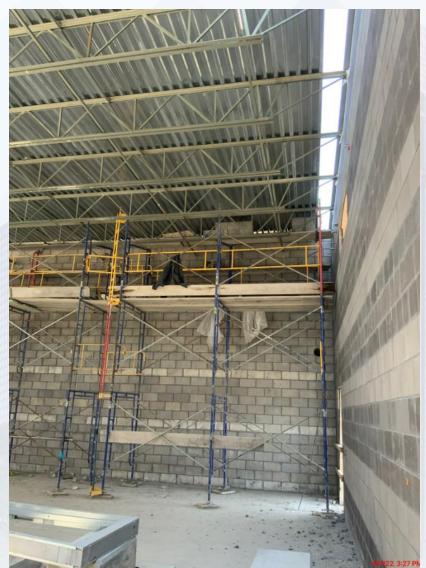
313 - CMU block installation continues

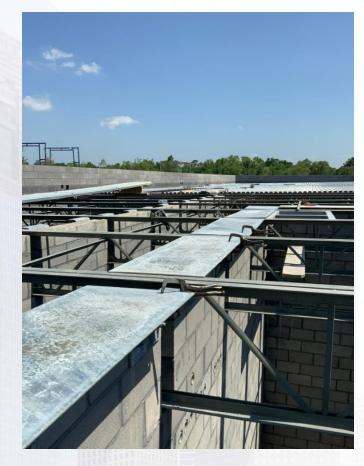




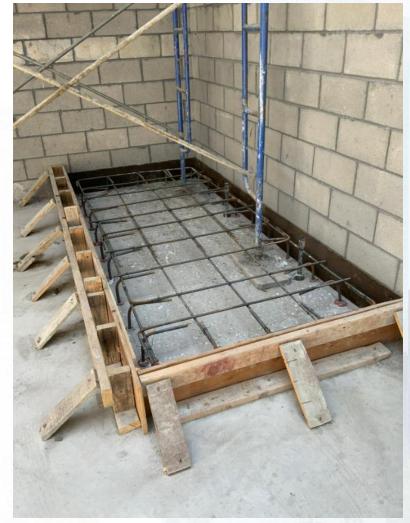
313 - Structural Steel Installation.







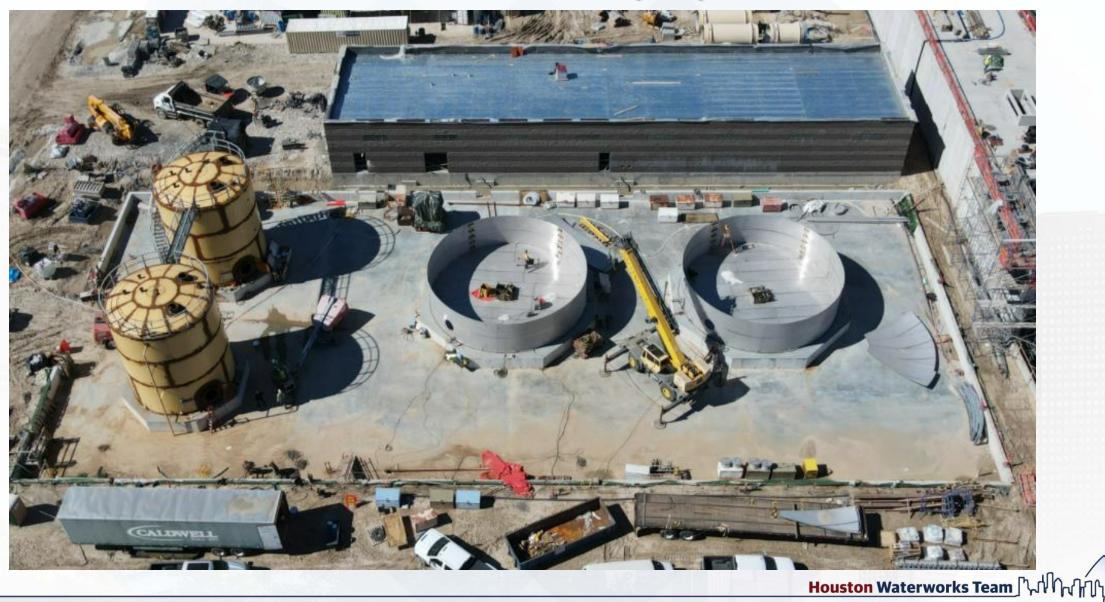
313 - Concrete equipment pads installation.



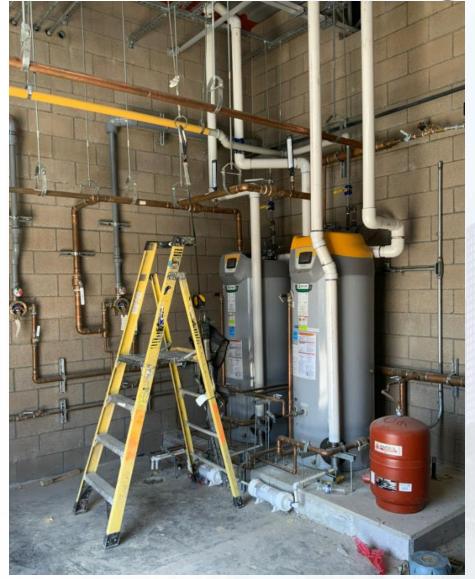




314 - Aerial view 02/09/22



314 – Above ground plumbing lines installation.

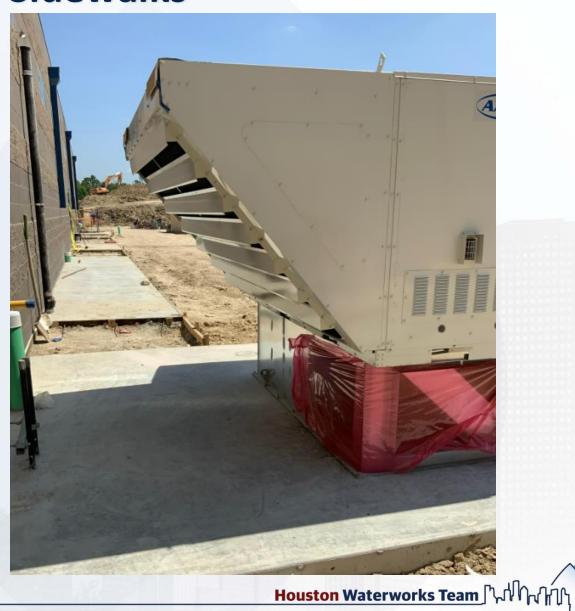






314 – F/R/P Sidewalks



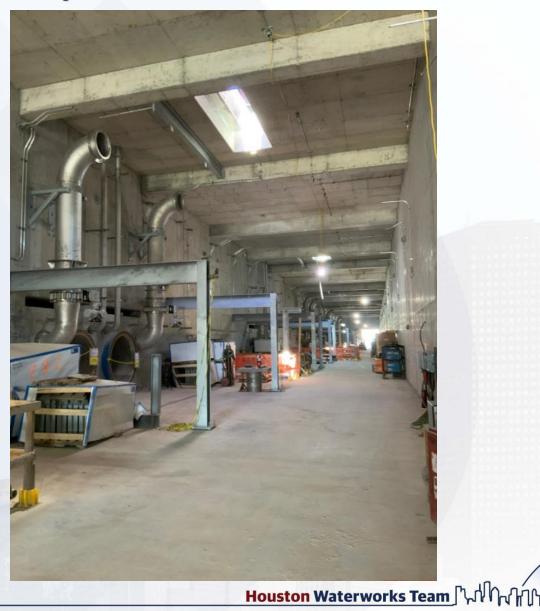


314 - CRC Application at Containment



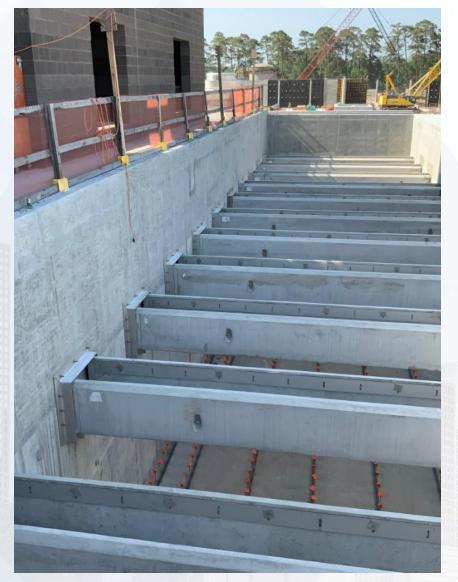
282-FILTER MODULE 2 - Pipe installation



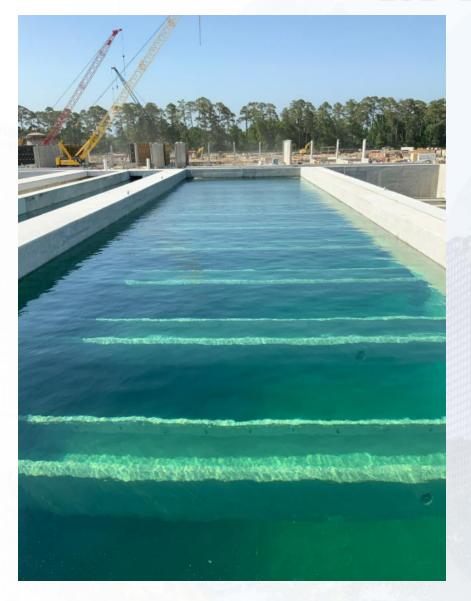


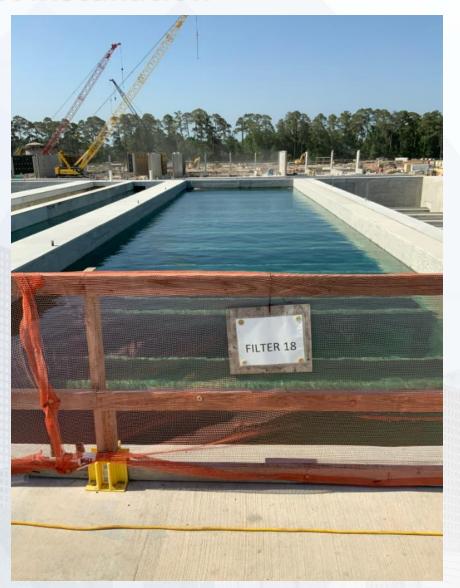
282-Underdrain anchors installation





282-Leak Test installation

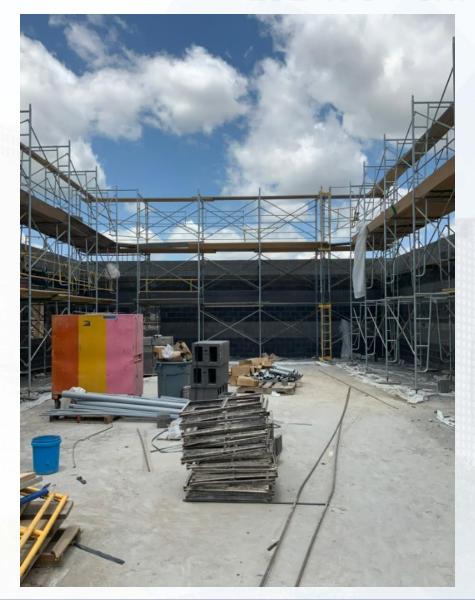


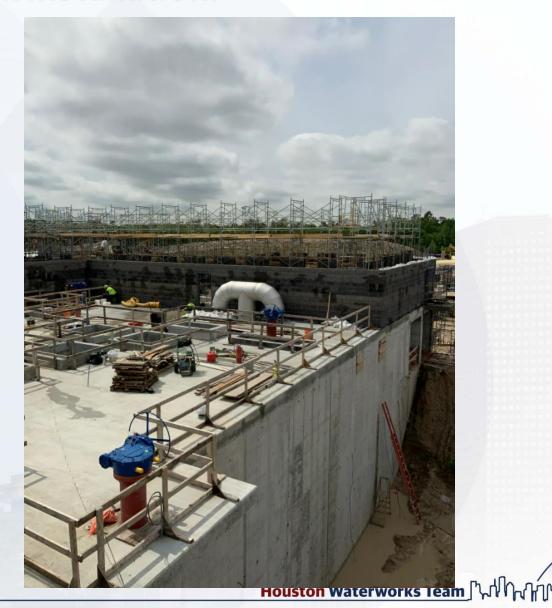


292-TPS - Aerial View (02-09-2022)



292-TPS - CMU Block installation.







Construction Progress – LREQ Basins Facilities 601/602

- 601 SECO Install Duct Bank Ongoing
- 601 Process Mechanical Pipe Installation and Supports
- 602 Handrail and weir plates installation
- 602 Process Mechanical Gates installation

601 - SECO conduit Installation





601 - Process Mechanical Pipe Installation and supports



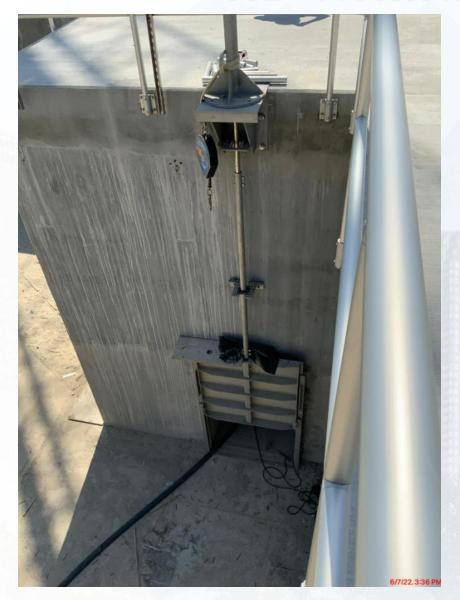


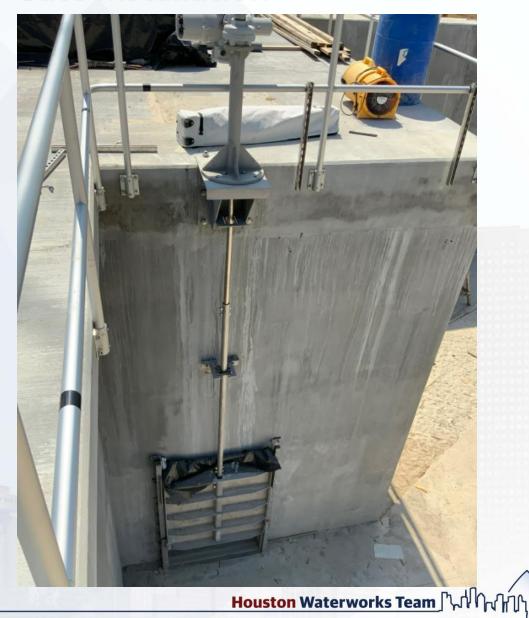
602 - Handrail and weir plates installation





602 - Process Mechanical Gate Installation







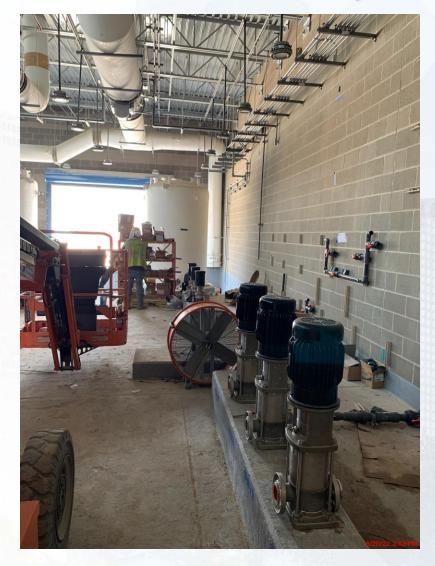
Construction Progress – North Plant

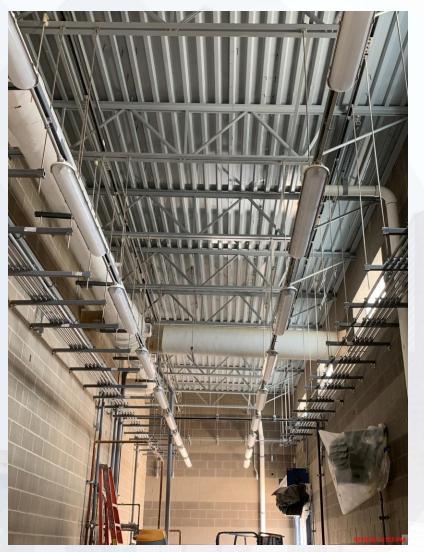
- 201-Chlorine Dioxide Facility 1:
- Continued Mechanical Work/ Duct work install
- 211-Pretreatment Chemical Facility 1:
- CRC Coating placement in the Chemical Room
- 212-Pretreatment Chemical Facility 2:
- Continued Decking and Joist install
- 213-Pretreatment Chemical Facility 3:
- Continued Mechanical Work / Containment Area
- 214-Pretreatment Chemical Facility 4:
- Continued Mechanical Work in Pump Room/ Truck Fill Station ongoing
- 222-Rapid Mix Train 2
- Ongoing Pipe Coating

- 241-Flocculation & Sedimentation Train 1: Continued Baffle Walls/Leak Test ongoing
- 242-Flocculation & Sedimentation Train 2:
- Trough Opening Grout ongoing / FBDC Conduit installation
- 252-Ozone Contactor 2:
- Bubble Testing of Diffusers / Continued pipe installation
- 261-Ozone Generation Facility 1:
- Ongoing Mechanical install / Electrical Cable Pulling
- 218-Pretreatment Chemical Facility 8:
- Backfill East of Containment Area/Preparing to erect Steel Tanks
- 243-Flocculation & Sedimentation Train 3:
- Continued Concrete Placements for Main Slabs/Walls
- 244-Flocculation & Sedimentation Train 4:
- Concrete Placement for Vertical Walls
- 501-Gravity Sludge Thickener Complex 1:
- Concrete placement for Slabs/Walls

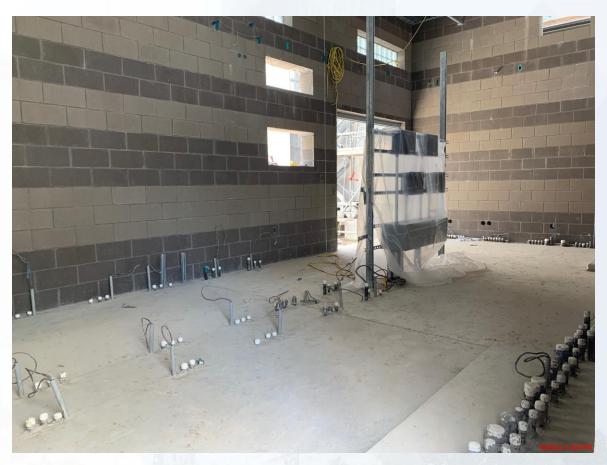


201-Chlorine Dioxide Facility 1: Continued Mechanical Work/ Duct work install



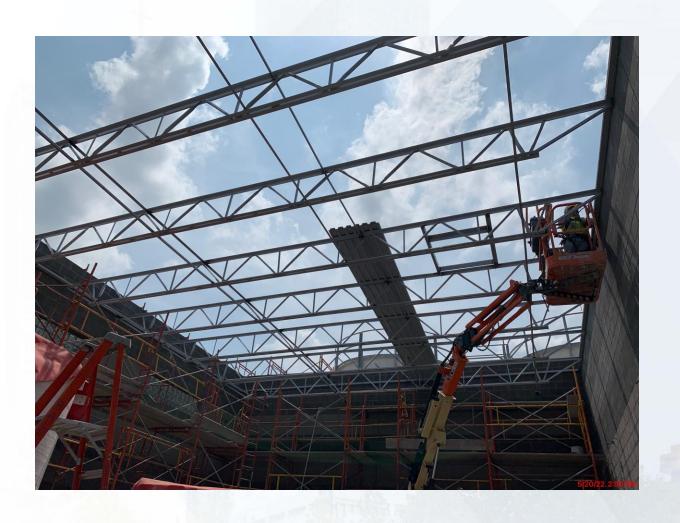


211-Pretreatment Chemical Facility 1: CRC Coating placement in the Chemical Room





212-Pretreatment Chemical Facility 2: Continued Decking and Joist install



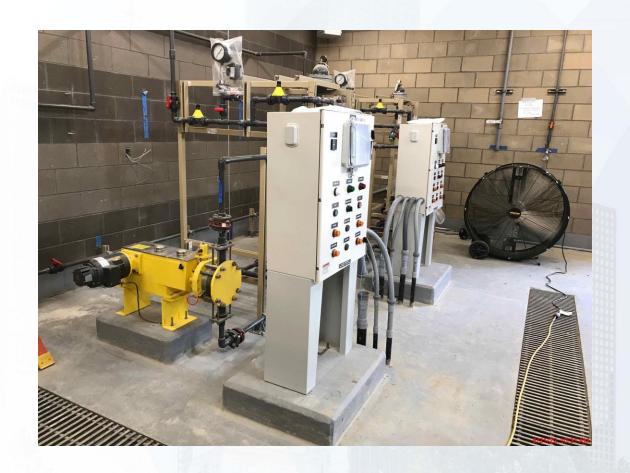


213-Pretreatment Chemical Facility 3: Continued Mechanical Work / Containment Area





214-Pretreatment Chemical Facility 4: Continued Mechanical Work in Pump Room/ Truck Fill Station ongoing

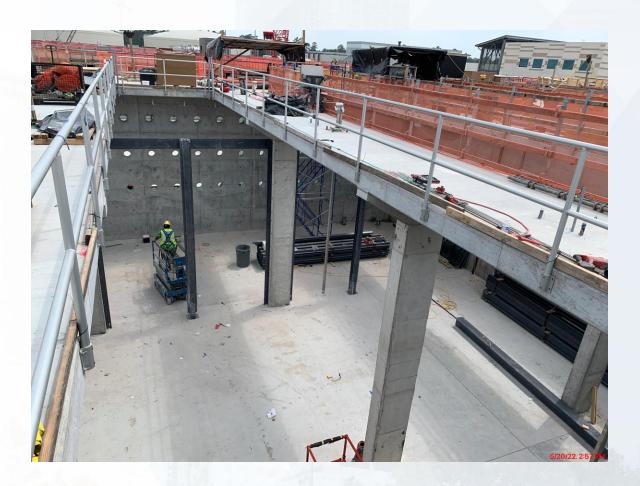


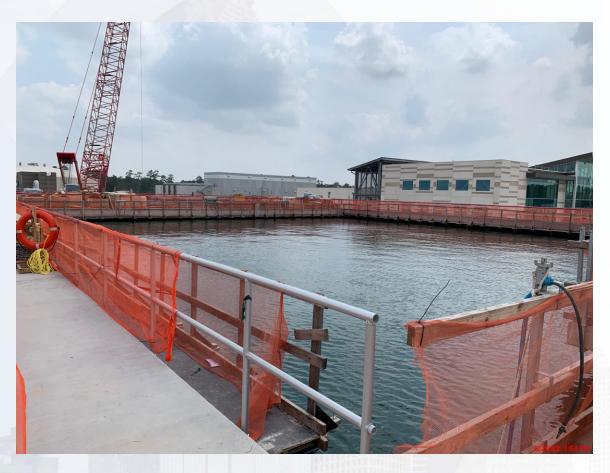


222-Rapid Mix Train 2: Ongoing Pipe Coating

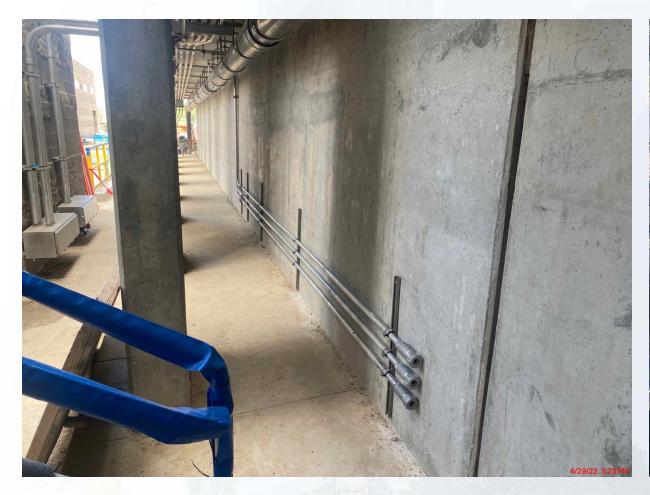


241-Flocculation & Sedimentation Train 1: Continued Baffle Walls/ Leak Test ongoing





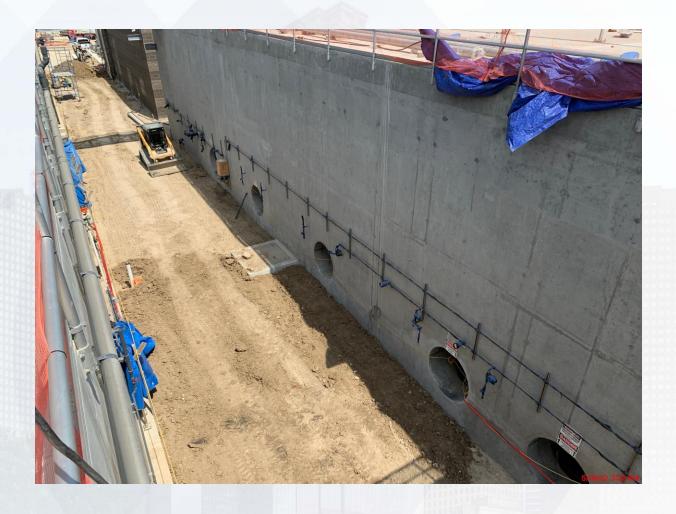
242-Flocculation & Sedimentation Train 2: Trough Opening Grout ongoing / FBDC Conduit installation



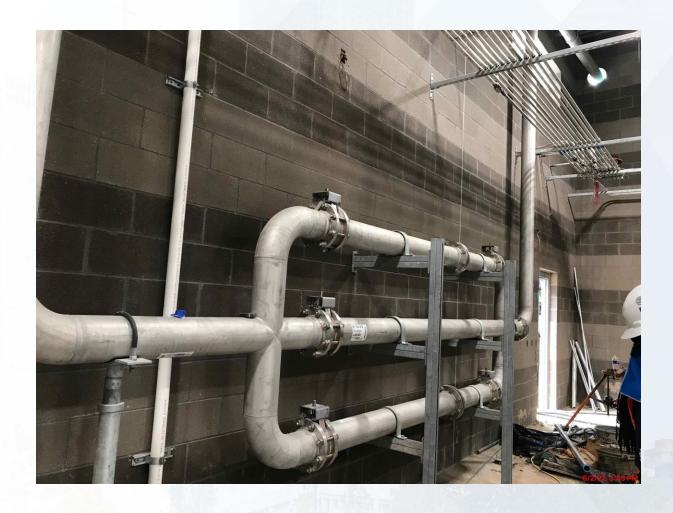


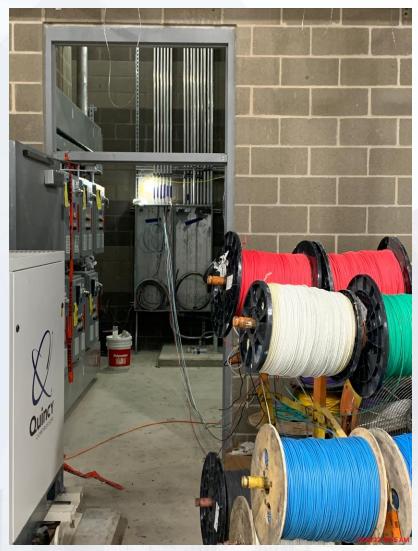
252-Ozone Contactor 2: Bubble Testing of Diffusers / Continued pipe installation





261-Ozone Generation Facility 1: Ongoing Mechanical install / Electrical Cable Pulling





215 Pretreatment Chemical Facility 5: Continued Tank Welds and install



218 Pretreatment Chemical Facility 8: Backfill East of Containment Area/Preparing to erect Steel Tanks





243-Flocculation & Sedimentation Train 3: Continued Concrete Placements for Main Slabs/Walls



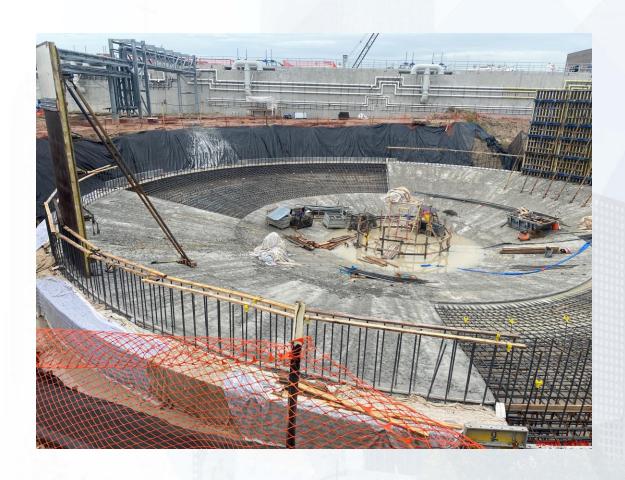


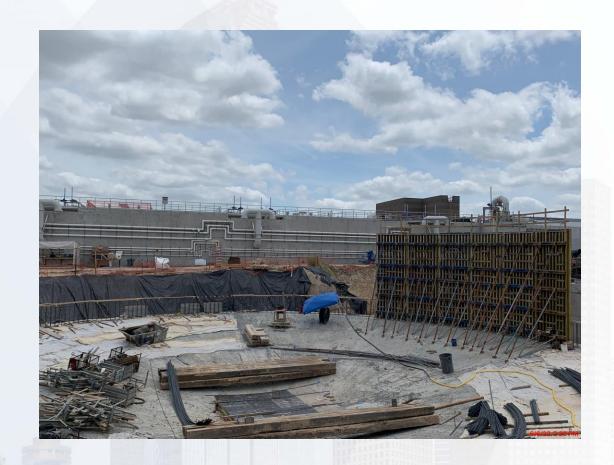
244-Flocculation & Sedimentation Train 4: Concrete Placement for Vertical Walls





501-Gravity Sludge Thickener Complex 1: GT2 - Concrete placement for Slabs/Walls







Construction Progress – South Plant

361 & 362:

Watertightness testing at GST 362.

111, 401, & 402:

- Continued installation of insulated metal wall panels at Fac 401.
- Continued installation of louvers and exhaust fans at Fac 401.
- Continued electrical conduit and terminations in the Electrical Room at Fac 401.
- Continued installation of aboveground piping at Fac 401.
- Continued installation of FRP pipe support pedestals at Fac 401.
- Continued pulling overhead branch wire at the Analyzer Room at Fac 401.
- Continued backfilling at Fac 402.
- Continued FRP pipe encasement at Fac 402.
- Commenced building footer slab pour at Fac 402.
- Continued top of pump can encasement repairs at Fac 402.
- Installing U.S bellows at 401 at FAC 401
- Installing HVAC drip pan & overflow pipe at FAC 401
- Installing translucent Pannels at FAC 401

510 & 520:

- Continued installing plumbing, process pipe, and electrical conduit on levels 1, 2, and 3 at Fac 520.
- Continued wire pulling at Fac 520.
- Continued mechanical coatings installation at Fac 520.
- Continued fire-resistant joint system installation at Fac 520.
- Continued installing truck loading/output conveyors at Fac 520.
- Continued installing centrifuge thickened sludge pumps seal water at Fac 520.
- Continued process pipe installation at Fac 510.
- Commenced terminating power to wiring sludge mixers, LCP's, and MCS's at Fac 510.
- Began Pouring concrete for 520 driveway

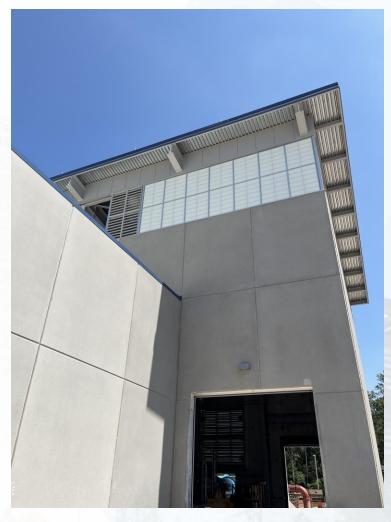
GST 361 & 362 AERIAL VIEW



HSPS 401, MSB 111, HSPS 402 AERIAL VIEW



HIGH SERVICE PUMP STATION 401



Installation of Translucent Panels



Continued installation of above ground piping at Fac 401.

HIGH SERVICE PUMP STATION 402



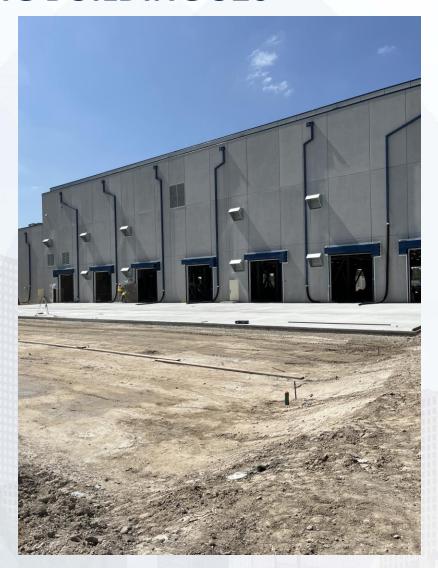
Continued rebar and form work Fac 402

DEWATERING BUILDING 520 & THICKENED SLUDGE EQUALIZATION TANK 510 AERIAL VIEW



DEWATERING BUILDING 520





Continued installing plumbing, process pipe, and electrical conduit on levels 1, 2, and 3 at Fac 520

THICKENED SLUDGE & EQ BASIN 510



Continued process pipe installation at Fac 510.



Construction Progress – Administration & Maintenance Building

- Excavation of Plaza Footings
- Regrading of Pond 4



Excavation of Plaza Footings



Regrading of Pond 4





Construction Progress – Site Civil

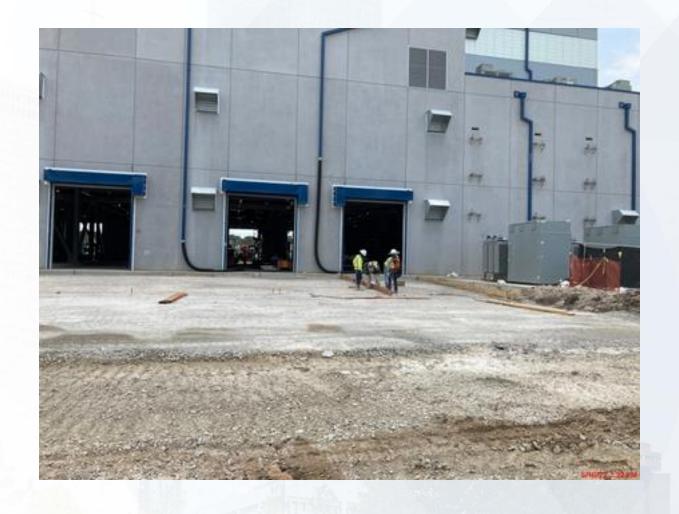
- Continue bottom slab up to STA 11+50
- Installing Reinforcing Steel at South Driveway of the Dewatering Building
- Fusing 8" Sanitary Sewer Force Main HDPE Pipe
- Continuous Excavation of Overflow Channel
- Rebar Installation for Driveway of Dewatering Building
- Concrete Finishing for Driveway of Dewatering Building

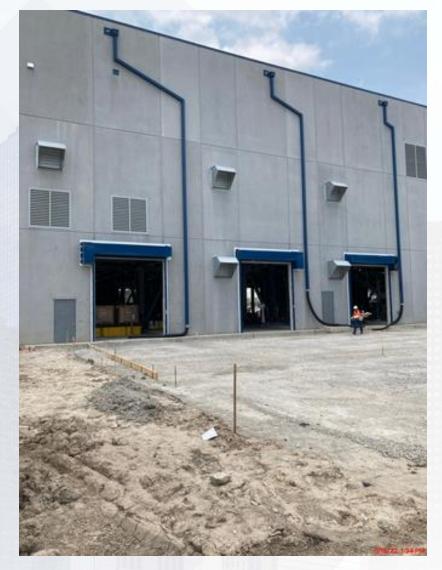
Continue bottom slab up to STA 11+50





Installing Reinforcing Steel at South Driveway of the Dewatering Building





Fusing 8" Sanitary Sewer Force Main HDPE Pipe









