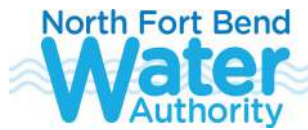




WATER PURIFICATION PLANT EXPANSION



NEWPP Expansion Project MONTHLY STATUS REPORT



June 2020

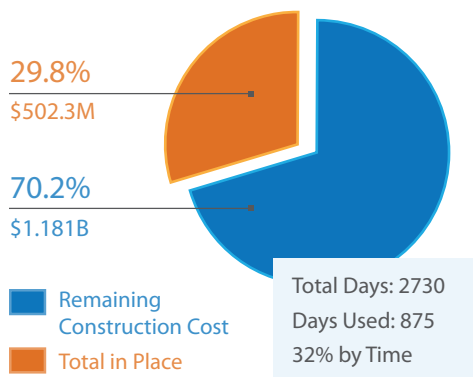
KEY PERFORMANCE INDICATORS (KPI)

Status through June 2020

KPI	Description	Target	Status	Trend (from last update)	Notes
Phase 1 Completion	Phase 1 (80 MGD) Substantial Completion date	Jan 25, 2023	●	■	Phase 1 substantial completion as defined in Exhibit A of Amended and Restated Agreement.
Phase 2 Completion	Phase 2 (240 MGD) Substantial Completion date	June 27, 2025	●	■	Phase 2 substantial completion as defined in Exhibit A of Amended and Restated Agreement.
D-B Financial Performance	D-B Authorized Amount vs. July 2019 Budget	\$1.765B	●	■	Expenditure status based on base GMP and other amounts as defined in Exhibit F of Amended and Restated Agreement.
Safety	Number of reportable events	0	●	■	2.267M hours to date. 4 OSHA recordable incidents. 0 lost time incidents. 18 positive COVID test results.

- Actual Ahead of Target
- Actual Nearing Target
- Actual Behind Target
- ↑ Status Improved From Last Period
- ↓ Status Declined From Last Period
- Same as Last Briefing

CONSTRUCTION STATUS*



*Earned value based on current Design-Builder amount. Schedule based on duration from EWP 1 through Phase 2 Substantial Completion.

MWBE STATUS

SUBCONSULTANT PARTICIPATION - HWT*

M/WBE FIRMS – 15.4%

HWT – 84.6%

*As reported on COH OBO B2G contract audit summary.

SUBCONSULTANT PARTICIPATION - PATC*

M/WBE FIRMS – 28.4%

CAROLLO – 71.6%

*As reported on COH OBO B2G contract audit summary.

Percentages based on amount paid through June 2020

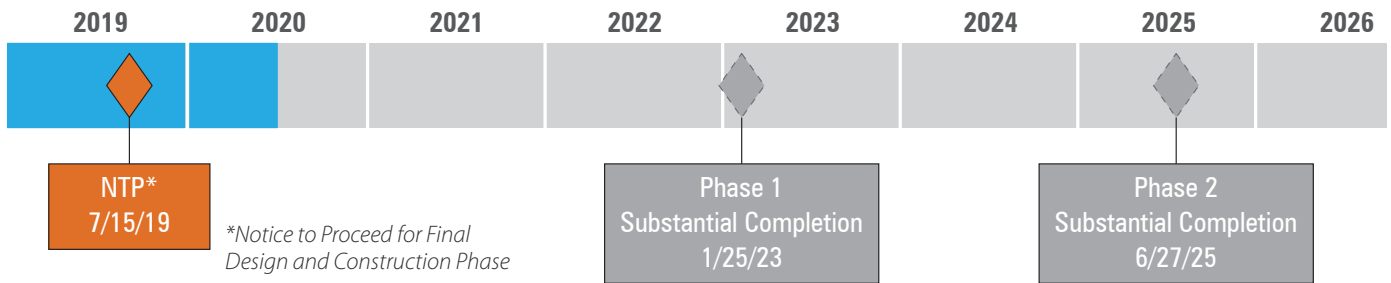
BUDGET SUMMARY

Status through invoice dates listed below.

	Budget ¹	Authorized Amount ²	Invoiced to Date ³	Invoice Date/ % Invoiced ³
Design-Builder (Houston Waterworks Team) ⁴	\$1,765,532,834	\$1,683,446,455	\$502,298,063	May 2020/29.8%
Project Advisor/Technical Consultant (Carollo Team) ⁵	\$95,759,349	\$89,520,497	\$37,117,345	May 2020/21.4%
Outside Legal (Hawkins Delafield and Wood)	\$2,131,590	\$1,931,590	\$1,591,995	Jul 2019/82.4%
City/Other ⁶	\$21,022,642	\$21,022,642	\$11,480,011	Dec 2018/54.6%
Management Reserve ⁷	\$88,243,764			Dec 2019/25.7%
TOTAL⁸	\$1,972,690,179	\$1,795,921,184	\$552,487,414	

- Budget as established July 2019.
- Equals budget plus executed change orders/amendments less non-approved allowances less non-utilized contingency as of reporting date.
- Sum total of approved invoices and City recovery costs as of Monthly Report issuance. Percentage = Invoiced/Authorized Amount.
- Original budget equals initial contract amount + amendments 1-8, including allowances and contingency.
- Original budget equals initial contract value + amendments/appropriations 1-6, minus adjustment per Cash Call #1.
- Includes City Recovery, mitigation costs, and other miscellaneous items.
- Owner's contingency used for funding approved change orders and other expenditures within Authorized Amounts column.
- Does not include Houston \$75M reserve for 425 MGD rating work.

SCHEDULE STATUS



NOTEWORTHY ACCOMPLISHMENTS

- **Central Plant:** Ongoing structural concrete for facility 281 and 282 filter modules 1 and 291 transfer PS 1; ongoing structural concrete work for facilities and 311 and 312 post-chemical nos. 1&2.
- **EWP4:** Ongoing final grading for access road.
- **EWP6 North Plant:** Ongoing formwork, rebar placement and structural concrete for work all structures.
- **EWP6 IPS:** Initiated installation of 108-inch RW pipe.
- **Admin Building:** Ongoing structural work for foundation base, grade beams and footings.
- **LREQ:** Ongoing structural concrete work facilities 601&602 basins and PS.
- **Yard Piping:** Ongoing installation, 108 -inch and 78-inch RW in Corridor 1, 108-inch FW and 60-inch BWS pipeline in Corridor 4, 120-inch & 84-inch FW in Corridor 5, and various diameters Corridors 3 and 4.
- **South Plant:** Excavation of facility 420 HSPS; installation of 102-inch outlet piping GST 361 and 362; finished concrete decking facility 520 and placed steel to begin structural shell installation.

3-MONTH LOOK AHEAD

- Continue install of 84" & 96" FW pipeline in Corridor 4 between HSPS, GST 1 & 2, and connection to TPS – Ongoing - August
- Continue install 108", 84" & 120" FW pipelines in Corridor 5 – Ongoing - September
- Continue concrete on Gravity Sludge Thickener Complex 2, Facility 501,502, and Service Building – Ongoing - October
- Steel erection for Administration & Maintenance Building – July - October
- Install 108" Raw Water Line Knife Gates – July
- Liquid Residual Clarifier 611 Wall Placement – August
- Install 72" suction lines to High Service Pump Station Pump Cans, Building 401 – July
- Preparation for HSPS 401 foundations(backfill and pipe encasement) – August
- Erect steel roof structure at Main Switchgear Building 111 and dry in building – August
- Begin substation 102 building construction- ongoing – September
- Begin installation of duct bank and chlorine dioxide line work from plant to IPS along raw water corridor – August
- Continue structural steel erection at Solids Dewatering 520 – Ongoing - September
- Place slab on grade at GST 362 and begin wall panel casting – August
- Begin Filter 282 Gallery slab on grade placements – August
- Place TPS 292 slab on grade sections – September

“When I first started, we were talking about just concepts, then we traded ideas and progressed the designs, and now we are seeing drawings turn into buildings. 2020 has been a weird year, but engineering and construction are collaborating more extensively with the same goal to deliver the Project on schedule and with high quality. I have learned so much in just 3 years!”

– Chenjun Li, PATC

GOOD NEIGHBOR UPDATE

- **Next Meeting Date:** Q3 2020
- **Website:** <https://greaterhoustonwater.com/>



Delivery of the 108" Pipe



311-PostChemical: Installation of Rebar Slab A3, A4 – Tank Farm



Facility 502 GT Basin #4 SL-4 F/R/P



Finished Concrete Slab – Structural Steel Laid Out for Erecting at Facility 520