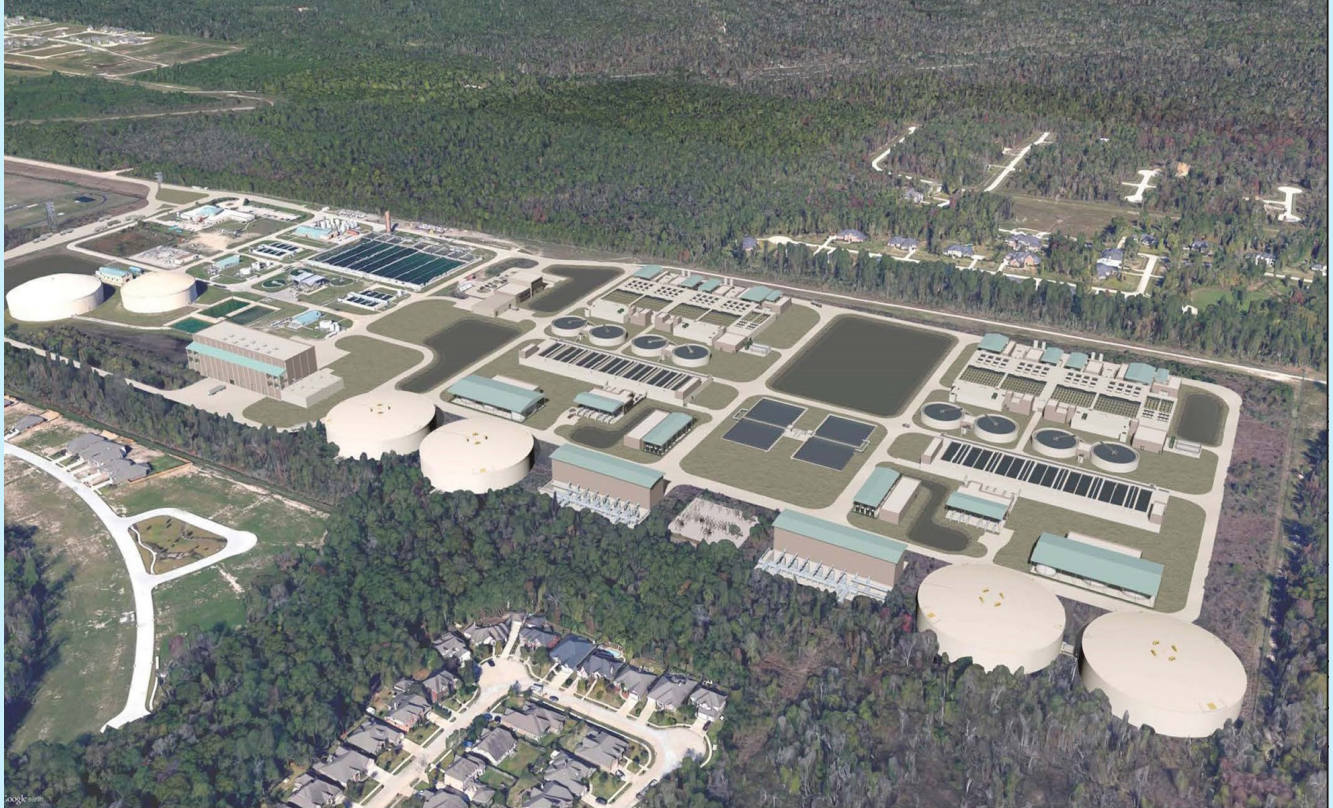


NORTHEAST

WATER PURIFICATION PLANT EXPANSION



NEWPP Expansion Project MONTHLY STATUS REPORT



March 2021

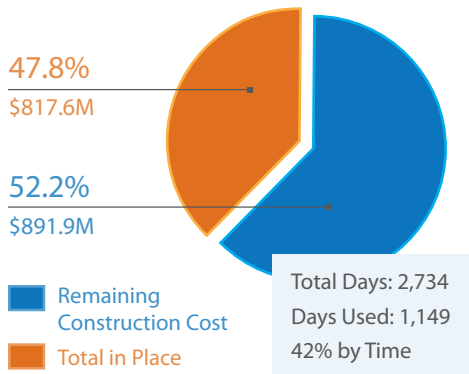
KEY PERFORMANCE INDICATORS (KPI)

Status through March 2021

KPI	Description	Target	Status	Trend (from last update)	Notes
Phase 1 Completion	Phase 1 (80 MGD) Substantial Completion date	Feb 3, 2023	●	↑	Progress schedule shows 11 days negative float. HWT working to rectify.
Phase 2 Completion	Phase 2 (240 MGD) Substantial Completion date	July 6, 2025	●	↓	Progress schedule shows 16 days negative float. HWT working to rectify.
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	●	▬	3.962M hours to date. 9 OSHA recordable incidents. 0 lost time incidents.

- 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.

M/WBE STATUS

SUBCONSULTANT PARTICIPATION - HWT*

M/WBE FIRMS – 14.3%

HWT – 85.7%

*As reported on COH OBO B2G contract audit summary.

SUBCONSULTANT PARTICIPATION - PATC*

M/WBE FIRMS – 29.1%

CAROLLO – 70.9%

*As reported on COH OBO B2G contract audit summary.

Percentages based on amount paid through March 2021

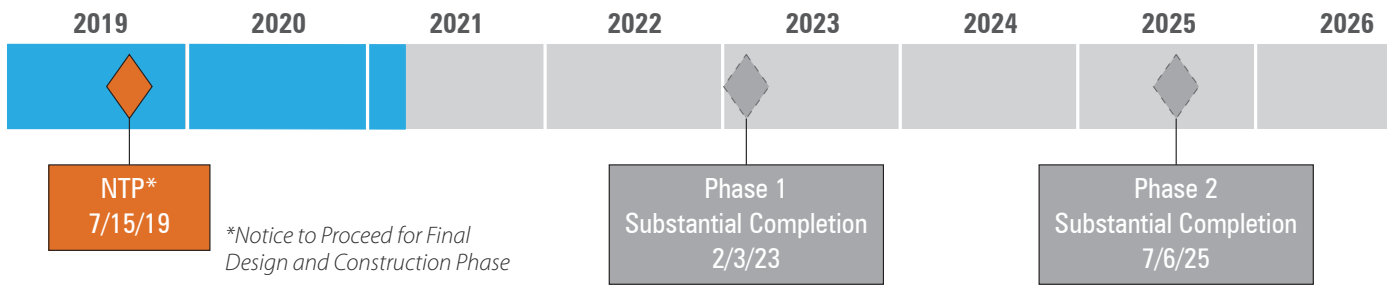
BUDGET SUMMARY

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	\$1,709,491,516	\$817,641,941	Feb 2021/47.8%
Project Advisor/Technical Consultant (Carollo Team) ⁵	\$95,759,349	\$89,520,497	\$45,437,847	Jan 2021/50.7%
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			
TOTAL⁸	\$1,972,690,179	\$1,821,966,245	\$876,151,793	

- 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:** completed west-side masonry facility 281 Filter Module 1; ongoing structural work facility 282 Filter Module 2; ongoing structural steel and roof placement facility 291 Transfer PS; completed install of SS and FRP tanks facility 311 Post-chemical No. 1.
- **North Plant:** ongoing structural for work all structures.
- **IPS:** roof install at pump station and CMU block install at Electrical Building 152 ongoing installation of metal decking; installation of overhead bridge crane.
- **Admin Building:** ongoing installation of HVAC and electrical conduit in Admin Building; completed installation of roofing at Maintenance Building.
- **LREQ:** completed install of 72-inch BFV, and 16/24 inch CEN and DEC wall pieces facility 601; ongoing structural work facility 602.
- **Yard Piping:** completed install of 96 inch OZW Corridor 3-1B; ongoing installation of 84 & 120-inch FW Corridor 5, and various diameters Corridor 3-1B.
- **South Plant:** completed pad placement GST 361; ongoing shotcrete install GST 362, ongoing structural steel and masonry facility 520 Dewatering Building.
- **Substation and Site Electrical:** breaker operational functional test in prep to fully energize facility 111 Main Switchgear Building; ongoing installation of fiber duct bank and feeder cabling.

3-MONTH LOOK AHEAD

- Complete testing of equipment and energize MSB 111 power distribution gear – July
- Continue installation of Phase 1A fiber and power duct bank from Central to North Plant facilities – ongoing through July
- Pull medium voltage wire from MSB 111 to transformers at 520, 291, 152, 080, and 401 – ongoing through July
- Gravity Sludge Thickener Complex 2, Facility 502, continue equipment installation – ongoing through June
- Complete SOG and masonry construction at Pretreatment Service 272 and Ozone Generation 261 – ongoing through August
- Continue concrete wall and complete SOG placements at Gravity Sludge Thickener Complex 3 and 4, Facilities 503 & 504, and Service Buildings – ongoing through July
- Complete concrete placements in 242-Floc & Sedimentation Basin and begin Plate Settler installation – ongoing through August
- Place masonry walls and roof construction Chemical Facilities 311, 312, 201, 213 – ongoing through July
- Continue Liquid Residual EQ 602 Facility slab on grade and wall construction – ongoing through June
- Erect structural steel, precast, and CMU at HSPS 401 – May through July
- Place Solids Holding Tank 510 fillets and leak test – though May
- Erect wall panels for GST 361, place roof concrete on GST 361 & 362 – ongoing through June
- Continue Filter 282 filter cell slab on grade and wall placements – ongoing through July
- Continue TPS 292 wall construction and begin roof deck shoring – ongoing through July
- Continue building construction of IPS Electric building 152 – ongoing through June
- Install Pumps at IPS – June

“This is a big project, with big project demands in coordination of all different scopes of work. That’s probably what excites me the most, being a key part in helping to ensure we cross the finish line on time and to everyone’s success. That’s when we all have the same end goal in mind.”

– Chad Fedrick
HWT Yard Piping Supt.

GOOD NEIGHBOR UPDATE

- **Next Meeting Date:** Q2 2021
- **Website:** <https://greaterhoustonwater.com/>



Setting the 120" BFV on FW piping Corridor 5



Ground Storage Tank 361



Installing Gallery Piping Facility 281



Shotcrete Facility 362 GST



Central Plant - 1st Phase Overall