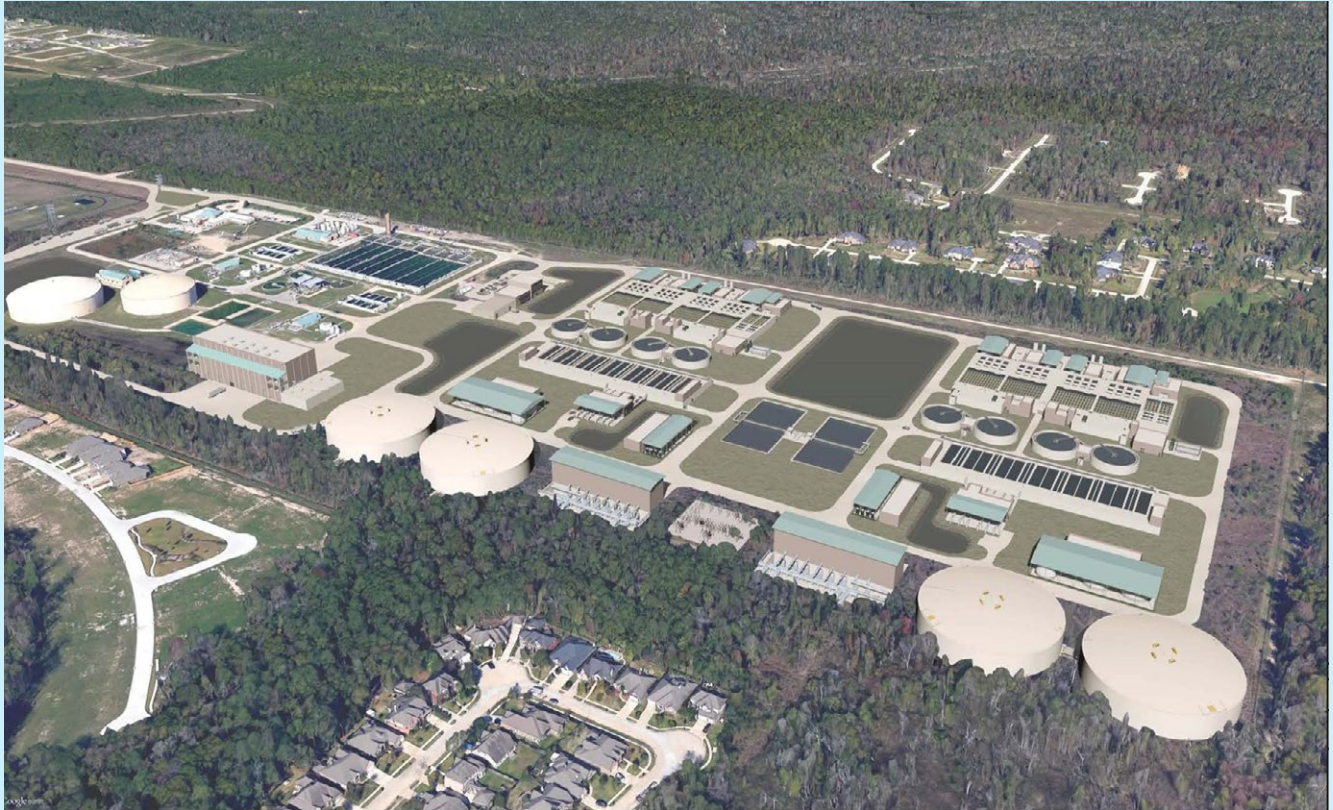
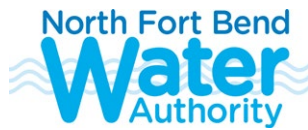




WATER PURIFICATION PLANT EXPANSION



NEWPP Expansion Project MONTHLY STATUS REPORT



January 2022

KEY PERFORMANCE INDICATORS (KPI)

Status through January 2022

KPI	Description	Target*	Status	Trend (from last update)	Notes
Phase 1 Completion	Phase 1 (80 MGD) Substantial Completion date	Feb. 20, 2023	●	■	HWT Progress Schedule forecasts a 3/20/23 completion (-29 days float).
Phase 2 Completion	Phase 2 (240 MGD) Substantial Completion date	July 23, 2025	●	■	HWT Progress Schedule forecasts a 8/21/25 completion (-30 days float).
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	●	■	5.942M hours to date. 17 OSHA recordable incidents. 0 lost time incidents.

● Actual Ahead of Target

● Actual Nearing Target

● Actual Behind Target

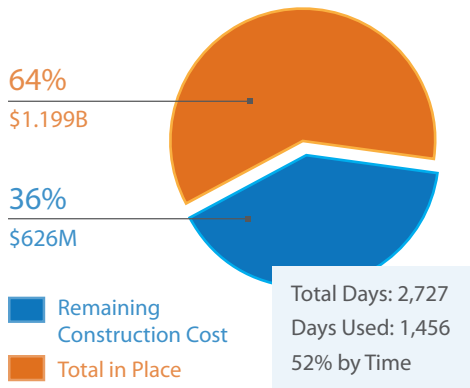
▲ Status Improved From Last Period

▼ Status Declined From Last Period

■ Same as Last Briefing

*Includes days added via Change Order for unforeseen conditions.

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 – 14.7%

HWT – 85.3%

*As reported on COH OBO B2G contract audit summary.

SUBCONSULTANT PARTICIPATION - PATC*

M/WBE FIRMS – 29.6%

CAROLLO – 70.4%

*As reported on COH OBO B2G contract audit summary.

Percentages based on amount paid through Jan. 2022

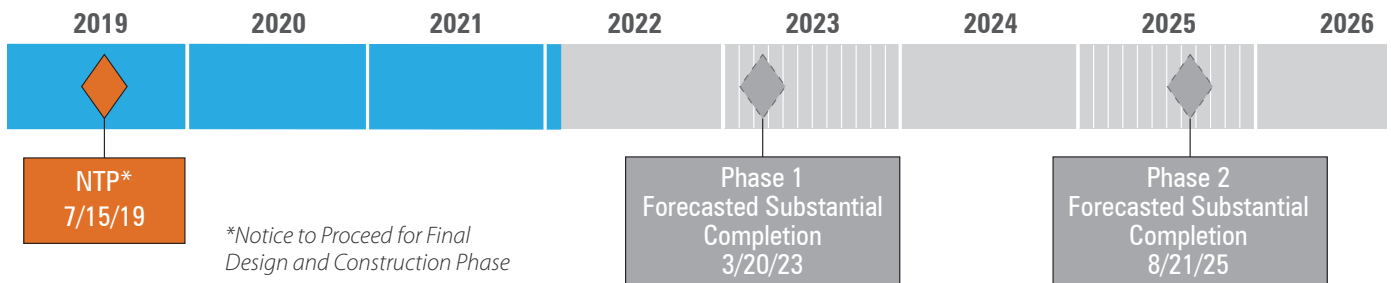
BUDGET SUMMARY

Status through invoice dates listed below.

	Budget ¹	Authorized Amount ^{2, 9}	Invoiced to Date ³	Invoice Date/ % Invoiced ³
Design-Builder (Houston Waterworks Team) ⁴	\$1,765,532,834	\$1,745,516,973	\$1,119,954,852	December 2021/63.5%
Project Advisor/Technical Consultant (Carollo Team) ⁵	\$95,759,349	\$89,520,497	\$54,199,012	December 2021/60.5%
Outside Legal (Hawkins Delafield and Wood)	\$2,131,590	\$1,931,590	\$1,591,995	July 2019/82.4%
City/Other ⁶	\$21,022,642	\$21,022,642	\$16,783,263	June 2021/79.8%
Management Reserve ⁷	\$88,243,764			
TOTAL⁸	\$1,972,690,179	\$1,857,491,702	\$1,192,529,122	

- 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.
- Does not include Subcontract values above \$20M allocation in BOP Sub-Alliance #9; funds are currently in dispute.

SCHEDULE STATUS



NOTEWORTHY ACCOMPLISHMENTS

- **Central Plant:** Completed grouting of under-drain block; ongoing masonry and structural steel install facility 282 Filter Module 2; install basin baffle walls facility 291TPS; ongoing install of metering pumps, piping, and electrical facilities 311 and 312. Ongoing F/R/P concrete work facilities 313, and install SH metal tank and equipment pads facility 314.
- **North Plant:** Ongoing structural, building, mechanical, and electrical work all facilities.
- **IPS:** Completed precast wall panel repair.
- **Admin & Maintenance Buildings:** Ongoing installation of fixtures, carpet and millwork.
- **LREQ:** Ongoing install of 24-inch interconnecting pipe facilities 601/602 and ongoing interior wall finish facility 602.
- **Yard Piping:** Welding and grouting of 120-inch FW piping, installed air gaps on 60-inch BWS and 96-inch FW pipes, and initiated wet connection activity for 84-inch FW.
- **South Plant:** Ongoing interior pipework GST 361; completed tank fill GST 362; install of centrifuge feed pumps, and ongoing install of doors and windows and process mechanical facility 520 Dewatering Building; ongoing install of roof and precast walls facility 401 HSPS.
- **Substation and Site Electrical:** Ongoing third party facility 401.

3-MONTH LOOK AHEAD

- Fill, disinfect, and utilize GST 1 and 2 for backwashing of Phase 1 filter media installation - ongoing through September
- Complete installation of Backwash Pump 1 at HSPS and ready for operation for Phase 1 filter media installation - ongoing through March
- Perform air scour testing and underdrain inspection in preparation of Phase 1 filter media installation - ongoing through April
- Phase 1 filter media installation - March through August
- Complete punch list and commissioning of Administration and Maintenance Building - ongoing through April
- Complete SCADA testing and commence training of systems at Intake Pump Station - ongoing through April
- Install LOX equipment for Ozone Generation - ongoing through May
- Complete ozone system piping at Phase 1 ozone process - ongoing through April
- Continue chemical systems installation in north and central plant in preparation - ongoing through June
- Prepare site and install foundations for Enchanted Rock Standby Power - ongoing through June
- Complete revised line stop system installation and 108" raw water connection to EWP 4 piping - February through May
- Complete 120" FW tie in to NETL at plant entrance - May through June
- Complete Phase 2 concrete work for North Plant Basin 241 and East Gravity Thickener Tank at 501 - ongoing through August
- Complete electric and I&C conduit and wiring in HSPS 401, TPS 291, Filter 281, and Ozone 261 - ongoing through May
- Continue Phase 2 concrete construction at Floc/Sed train 243, Filter 282 and TPS 292 - ongoing through August
- Commence off-site sanitary force main work - March through August

“For many, this is a once-in-a-lifetime project. . .the path forward should continue to be One project, One approach, One team!”

- Steve Robb
Project Management Team
Area Manager

GOOD NEIGHBOR UPDATE

- **Next Meeting Date:** March 20, 2022
- **Website:** <https://greaterhoustonwater.com/>



Completed Wall Panel Repair at IPS



Energized Electrical Equipment Facility 291 TPS



Motor Install HSPS 401



Third Party Testing Facility 401



281-FILTER MODULE - Finish grouting Filter UD