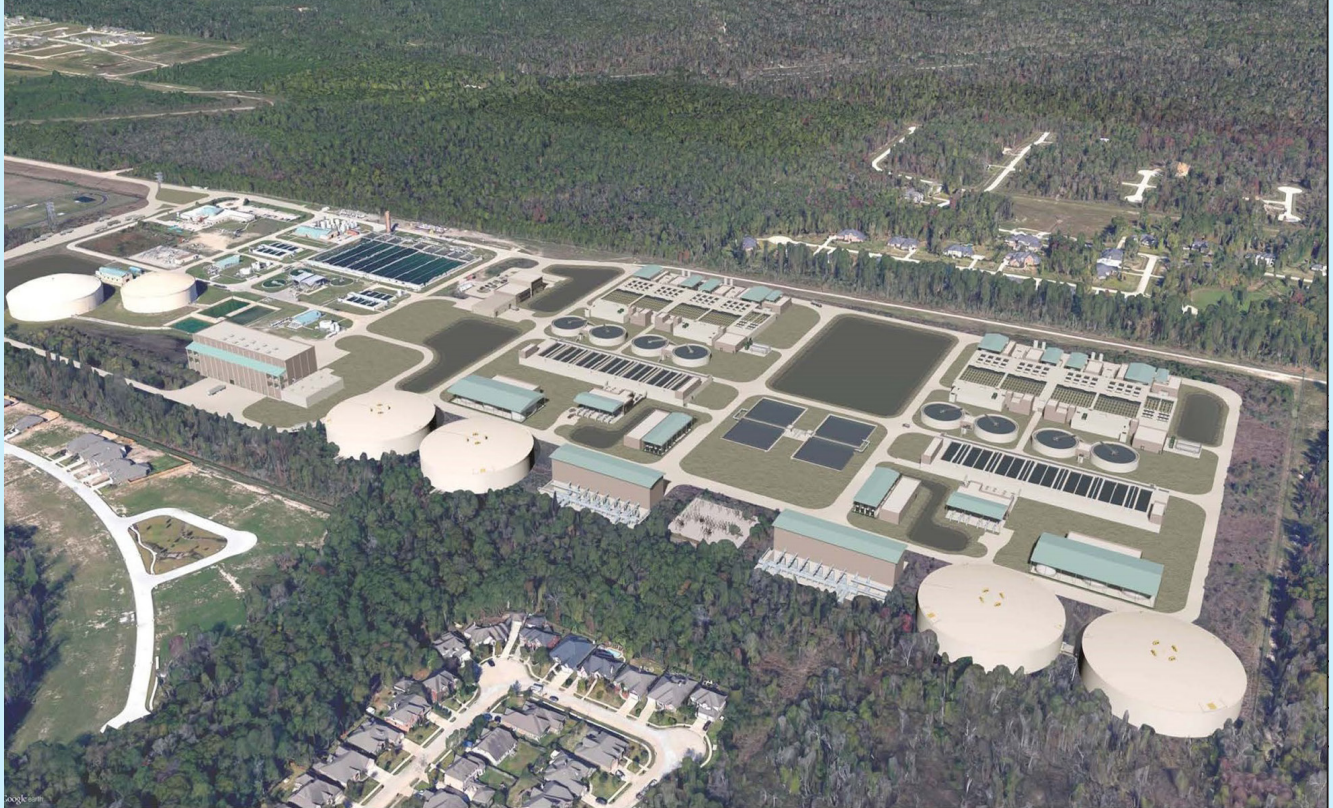
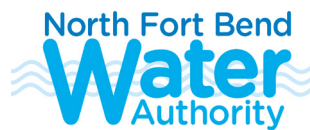


NORTHEAST

WATER PURIFICATION PLANT EXPANSION



NEWPP Expansion Project MONTHLY STATUS REPORT



April 2021

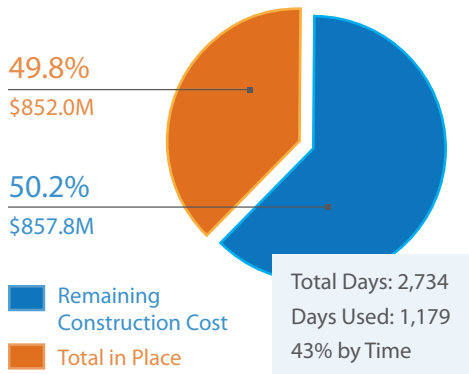
KEY PERFORMANCE INDICATORS (KPI)

Status through April 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 | ● | ▬ | 4.174M hours to date. 10 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 – 14.8%

HWT – 85.2%

*As reported on COH OBO B2G contract audit summary.

SUBCONSULTANT PARTICIPATION - PATC*

M/WBE FIRMS – 29.3%

CAROLLO – 70.7%

*As reported on COH OBO B2G contract audit summary.

Percentages based on amount paid through April 2021

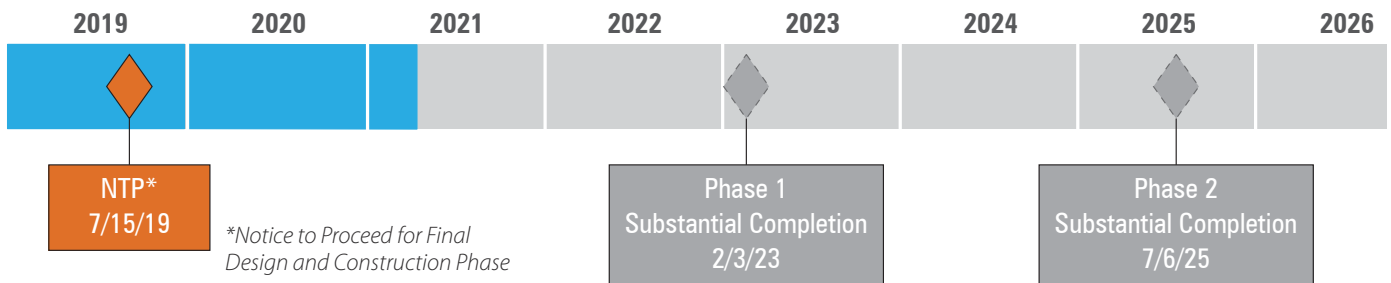
BUDGET SUMMARY

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 | \$1,709,815,432 | \$852,050,928 | Mar 2021/49.8% |
| 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 | \$1,822,290,161 | \$910,560,780 | |

- 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:** install under-drain block anchors facility 281 Filter Module 1; ongoing structural work facility 282 Filter Module 2; ongoing structural steel and roof placement facility 291 Transfer PS; ongoing install of CMU block for facilities 311 & 312 Post-chemical No. 1 & No. 2.
- **North Plant:** ongoing structural for work all structures.
- **IPS:** ongoing roof install at pump station and CMU block install at Electrical Building 152.
- **Admin & Maintenance Buildings:** completed install HVAC equipment in Admin Building; initiated interior gypsum wall board both facilities.
- **LREQ:** ongoing install of 72-inch BWW pipe facility 601; ongoing structural work facility 602.
- **Yard Piping:** ongoing installation of 84 & 120-inch FW Corridor 5, and various diameters Corridor 3-1B.
- **South Plant:** completed concrete dome placement GST 362; ongoing panel placement install GST 361, ongoing masonry and interior process piping install facility 520 Dewatering Building.
- **Substation and Site Electrical:** only punchlist items remain facility 111 Main Switchgear Building; ongoing installation of fiber duct bank and feeder cabling.

3-MONTH LOOK AHEAD

- Procure 108" Tunnel and Raw Water Pipeline for north line crossing under Lake Houston Parkway – May 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
- Complete excavation and begin foundation construction at Gravity Sludge Thickener Complex 1, Facility 501, and Service Buildings – June through December
- Leak test structures 242-Floc & Sedimentation Basin and 611 LRC, and begin Plate Settler installation – June through August
- Continue chemical tank fabrication in North Plant – ongoing through August
- Erect structural steel, precast, and CMU at HSPS 401 – ongoing through August
- Continue pump can encasement and suction piping installation at HSPS 402 – ongoing through July
- Continue installation of process piping, electrical, and HVAC in solids Dewatering 520 – ongoing through September
- Wire wrap and shotcrete GST 361 & 362 – May through August
- Install filter undrain in Phase I filters – ongoing through September
- Complete TPS 291 pump discharge piping and install mixing equipment – ongoing through July
- Continue Filter 282 filter wall placements – ongoing through September
- Continue TPS 292 wall construction and begin roof deck shoring – ongoing through August
- Install Pumps at IPS – June

“Working on a large project such as this one takes a lot of skill and collaboration. Working for the city of Houston for 30 years, I have the upmost respect to the personnel who go out every day, and even in hazardous conditions, to get the job done. It takes teamwork to make sure all projects are safe and ready!”

– Esther Rocha
City of Houston

GOOD NEIGHBOR UPDATE

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



Setting the Air Scour Blowers Facility
281-Filter Module



High Service Pump Station 402



Shoring Install GST 361



Main Switchgear Building 111



Completed Concrete Dome GST 362