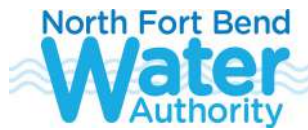




WATER PURIFICATION PLANT EXPANSION



NEWPP Expansion Project MONTHLY STATUS REPORT



August 2020

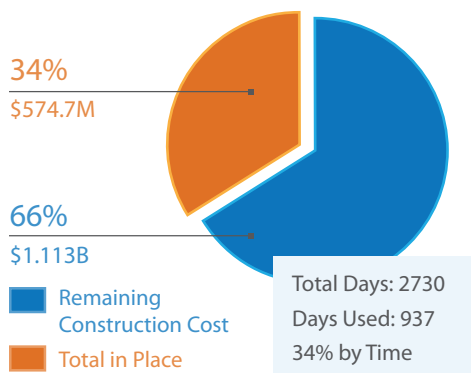
KEY PERFORMANCE INDICATORS (KPI)

Status through August 2020

KPI	Description	Target	Status	Trend (from last update)	Notes
Phase 1 Completion	Phase 1 (80 MGD) Substantial Completion date	Jan 25, 2023	●	↓	Current schedule shows available float is significantly reduced.
Phase 2 Completion	Phase 2 (240 MGD) Substantial Completion date	June 27, 2025	●	↓	Current schedule shows available float is significantly reduced.
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	●	▬	2.705M hours to date. 5 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.

MWBE STATUS

SUBCONSULTANT PARTICIPATION - HWT*

M/WBE FIRMS – 13.8%

HWT – 86.2%

*As reported on COH OBO B2G contract audit summary.

SUBCONSULTANT PARTICIPATION - PATC*

M/WBE FIRMS – 28%

CAROLLO – 72%

*As reported on COH OBO B2G contract audit summary.

Percentages based on amount paid through Aug 2020

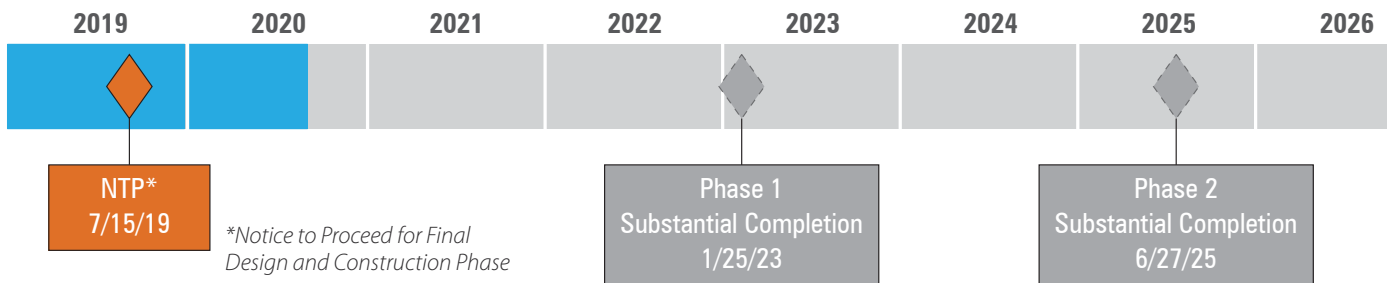
BUDGET SUMMARY

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	\$1,687,951,629	\$574,716,233	Jul 2020/34%
Project Advisor/Technical Consultant (Carollo Team) ⁵	\$95,759,349	\$89,520,497	\$38,041,049	Jul 2020/42.5%
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	\$1,800,426,358	\$625,829,287	

1. Budget as established July 2019.
2. Equals budget plus executed change orders/amendments less non-approved allowances less non-utilized contingency as of reporting date.
3. Sum total of approved invoices and City recovery costs as of Monthly Report issuance. Percentage = Invoiced/Authorized Amount.
4. Original budget equals initial contract amount + amendments 1-8, including allowances and contingency.
5. Original budget equals initial contract value + amendments/appropriations 1-6, minus adjustment per Cash Call #1.
6. Includes City Recovery, mitigation costs, and other miscellaneous items.
7. Owner's contingency used for funding approved change orders and other expenditures within Authorized Amounts column.
8. 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 2; top deck structural concrete for facility 291 transfer PS 1; installation of structural concrete for facility 292 transfer PS 2 lower pump can wall; ongoing conduit installation for facilities and 311 and 312 post-chemical nos. 1&2.
- **North Plant:** Ongoing formwork, rebar placement and structural concrete for work all structures.
- **IPS:** Final pump can placement and ongoing installation of 108-inch bridge piping.
- **Admin Building:** Final installation of conduit; final grading completed.
- **LREQ:** Ongoing structural concrete work facilities 601&602 basins and PS.
- **Yard Piping:** Ongoing installation of 108 –inch RW and valves in Corridor 1, ongoing installation of 120-inch, 78-inch & 84-inch and FW and valves in Corridor 5, and various diameters Corridor 4.
- **South Plant:** Installation of 78-inch discharge piping at facility 401 HSPS; completed 102-inch outlet pipe install GST 361; completed load transfer platform installation GST 362; ongoing installation of structural steel floors 2 and 3 and concrete floor work facility 520 Dewatering Building.

3-MONTH LOOK AHEAD

- Continue install of 84" & 96" FW in Corridor 4 (September - November)
- Continue install 108", 84" & 120" FW pipelines in Corridor 5 (Ongoing - December)
- North Plant concrete work continues on 242 and now 241 Flocculation and Sedimentation trains (Ongoing - April)
- Steel erection for Administration & Maintenance Building (September (October)
- Complete installation of 108" Raw Water to existing plant termination (October)
- Liquid Residual EQ 602 Facility construct pump station structure (October)
- Install 72" suction lines to High Service Pump Station Pump Cans, Building 401 (September -November)
- Place pump can foundation at HSPS 402 and begin can installation (October - January)
- Dry in Main Switchgear Building 111 (September - November)
- Complete MSG 102 and switchyard work (October - November)
- Complete structural steel erection at Solids Dewatering 520 (October)
- Place elevated structural slabs on Dewatering building (September - November)
- Place slab on grade at GST 362 and begin wall panel casting (October - December)
- Construct TPS 292 pump can walls and set pump cans (September - December)
- Complete installation of intake screens and underwater work at IPS (September - November)
- Complete 108" pipe installation on IPS bridge (October)

“I started my unique IT journey on the NEWPP Project riding a wave of exploration, hope and a value of community. I have gained greater insight with regards to the detailed process performed behind the scene to produce drinkable water. I have witness firsthand the solidarity of the moving parts on the "Beach" and stand in awe of the dream realized for so many. The NEWPP Project has reinforced my commitment to raise the service bar higher. The "Liquid Gold" that we supply today will nourish the planet forever.

- Kimberly Haughton, HWT IT

GOOD NEIGHBOR UPDATE

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



Setting the 108" RW KGV Corridor 1



Final Pump Can Placement at IPS



108" Bridge Piping Installation



Setting 78" BFVs on 120" FW Corridor 5



Installation of 78" Pipe HSPS 401