

NORTHEAST

WATER PURIFICATION PLANT EXPANSION



NEWPP Expansion Project MONTHLY STATUS REPORT



AUGUST 2019

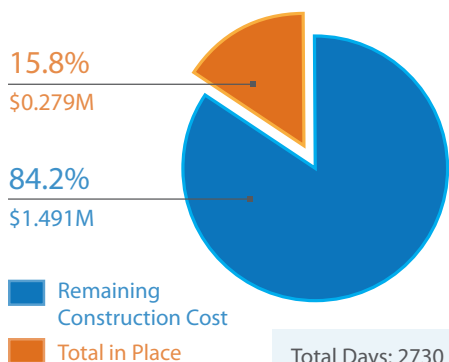
KEY PERFORMANCE INDICATORS (KPI)

Status through August 2019

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 & 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 & Restated Agreement.
D-B Financial Performance	D-B Project Expenditures vs GMP	\$1.765B	●	■	Expenditure status based on base GMP and other amounts as defined in Exhibit F of Amended & Restated Agreement.
Safety	Number of reportable events	0	●	■	1.2M hours to date. 3 recordable incidents. 1 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



Total Days: 2730
 Days Used: 571
 20.1% by Time

MWBE STATUS

SUBCONSULTANT PARTICIPATION - HWT*

M/WBE FIRMS • 20%

HWT • 80%

*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 August 2019

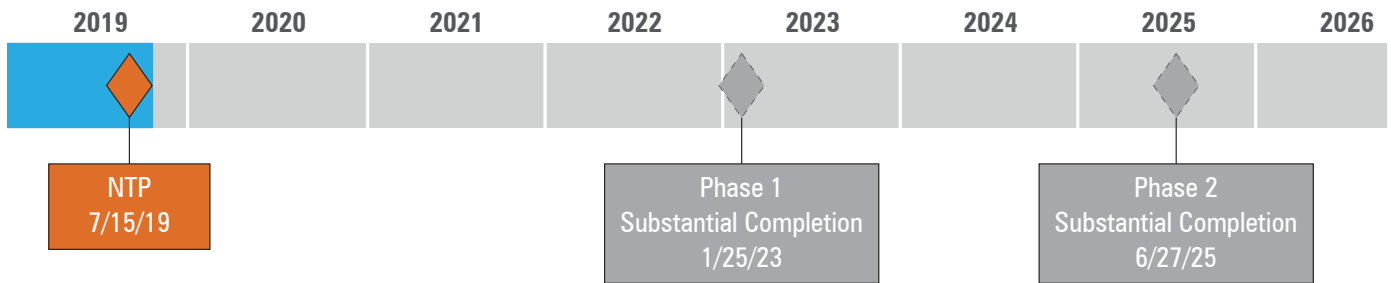
BUDGET SUMMARY

Status through invoice dates listed below.

	Budget	Authorized Amount ¹	Invoiced to Date ²	Invoice Date/ % Invoiced ²
Design-Builder (Houston Waterworks Team) ³	\$1,765,532,834	\$1,773,293,992	\$278,959,028	June 2019/16.3%
Project Advisor/Technical Consultant (Carollo Team) ⁴	\$95,759,349	\$88,892,725	\$27,625,041	July 2019/31%
Outside Legal (Hawkins Delafield & Wood)	\$2,131,590	\$1,931,590	\$1,425,905	April 2019/73.8%
City/Other ⁵	\$21,022,642	\$21,022,642	\$11,480,011	December 2018/54.6%
Management Reserve ⁶	\$88,243,764	-----	-----	-----
TOTAL⁷	\$1,972,690,179	\$1,885,140,949	\$319,489,985	

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

SCHEDULE STATUS



NOTEWORTHY ACCOMPLISHMENTS

- EWP1 finished water main tie-ins completed. Work to complete field punch list items ongoing.
- EWP 2 structural concrete work continues ahead of schedule. Work for remainder of filter slabs and manifold decks ongoing. 84-inch combined filter effluent piping to transfer pump station complete.
- EWP4 critical pipeline tie-in sections at box culvert, tunnel, and adjacent to Jack’s ditch started and on schedule.
- EWP6 North Plant vault stem wall and slab structural concrete work is proceeding on schedule.
- EWP6 IPS platform pile installation is complete.
- Site work for administration building initiated.

3-MONTH LOOK AHEAD

- Complete EWP4 crossing of Harris County box culvert – September
- Complete EWP4 crossing of 66" water line at STA 134+00 – October
- Complete EWP4 crossing of 66" water line at STA 128+50 – November
- Complete EWP4 grouting operation of tunnel casing – September
- Complete Balance of Plant (BOP) schedule of values – October
- Begin control narrative coordination workshops – October
- Complete EWP1 Site Utilities – December

GOOD NEIGHBOR UPDATE

- **Next Meeting Date:** October 15, 2019
- **Website:** <https://www.greaterhoustonwater.com/>

QUOTABLE

“ Since the launch of this project in 2012, hundreds of people have worked incredibly hard. With over \$300M of work complete, the project is well on its way to reaching our first water delivery milestone in 2023. It's a privilege to be involved in such a monumental undertaking.”

– Paul Walker



Welding and Wrapping Joints for Tunnel Carrier Pipe



Braced Existing Box Culverts and Excavating Around Them



Central Plant Flex-Coupling Installation on 84" CFE to TPS



Filter 12 Slab Pour



Central Plant East Side Work Area

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