August 2026
Monthly Construction Status Report

Updated: 09.08.2026



RPS – Overall Site View – August 2026

WHCRWA Ongoing Construction Projects

Central Pump Station (CPS)
CONSTRUCTION OF A CENTRAL PUMP STATION THAT WILL RECEIVE WATER FROM THE RE-PUMP STATION AND THEN TRANSFER WATER TO MUDS

Segment A1-A2
11 MILES OF 96-INCH WATER LINE FROM HOPPER RD. TO THE WHCRWA METER STATION NEAR THE NEWPP, INCLUDING SWSP DISINFECTION

RePump Station (RPS)
CONSTRUCTION OF A 160 MGD REPUMP STATION FACILITY INCLUDING TWO 10 MILLION GALLON TANKS

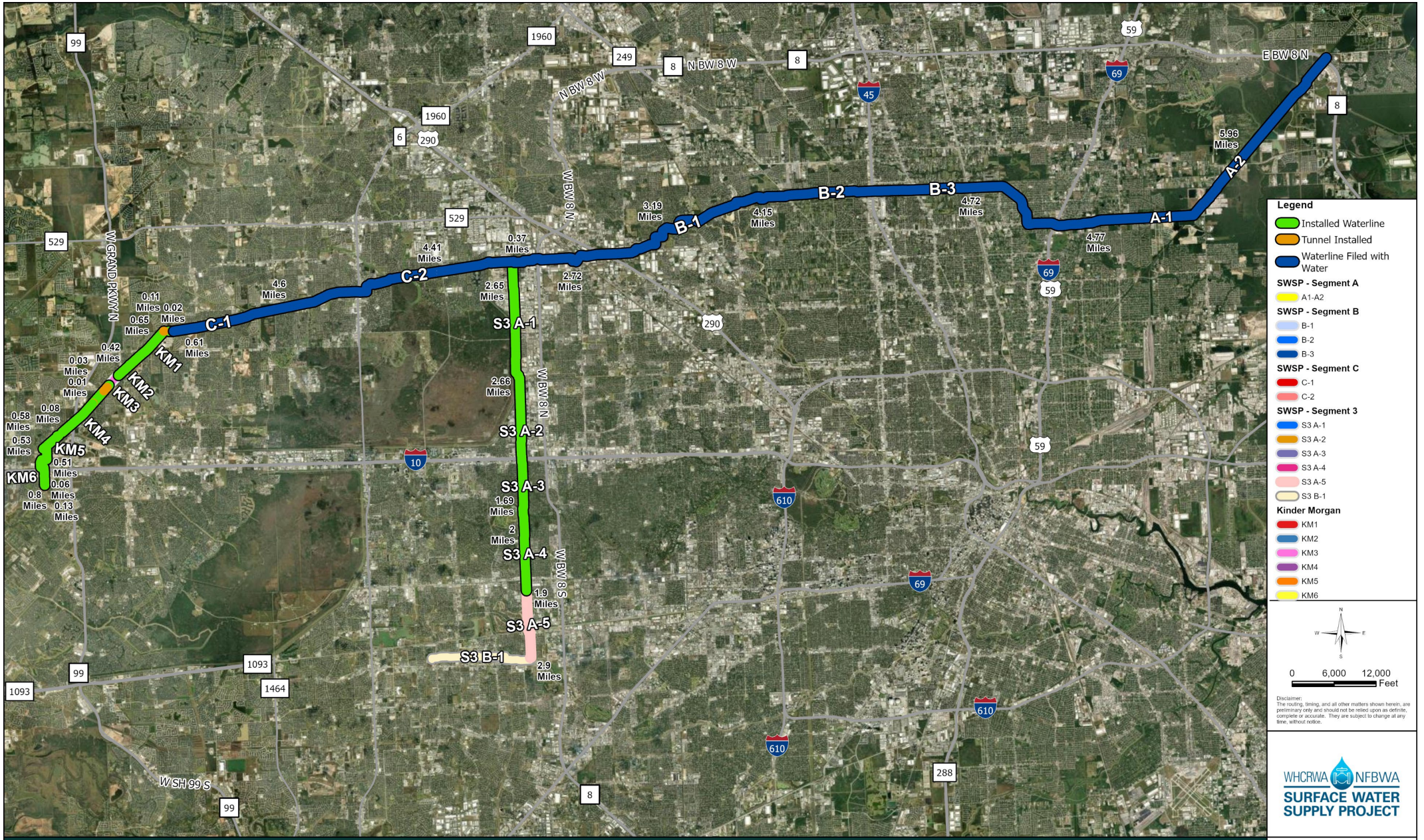
NorthEast Meter Station (NEMS)
CONSTRUCTION OF A METER STATION AT COH/WHCRWA INTERFACE

Kinder Morgan 1, 2, 3, 4 , 5, & 6 - (6 Projects)
6 MILES OF 66-INCH AND 1,300 LF OF 84-INCH WATERLINE FROM SEGMENT C1 CONNECTION TO THE I-10 METER STATION

I-10 Meter Station
CONSTRUCTION OF A METER STATION AT THE NFBWA INTERFACE

CIP Projects
CONTRACT 51
CONTRACT 53
CONTRACT 63
CONTRACT 64
CONTRACT 65

Current SWSP Construction Projects Overview



SWSP Re-Pump Station

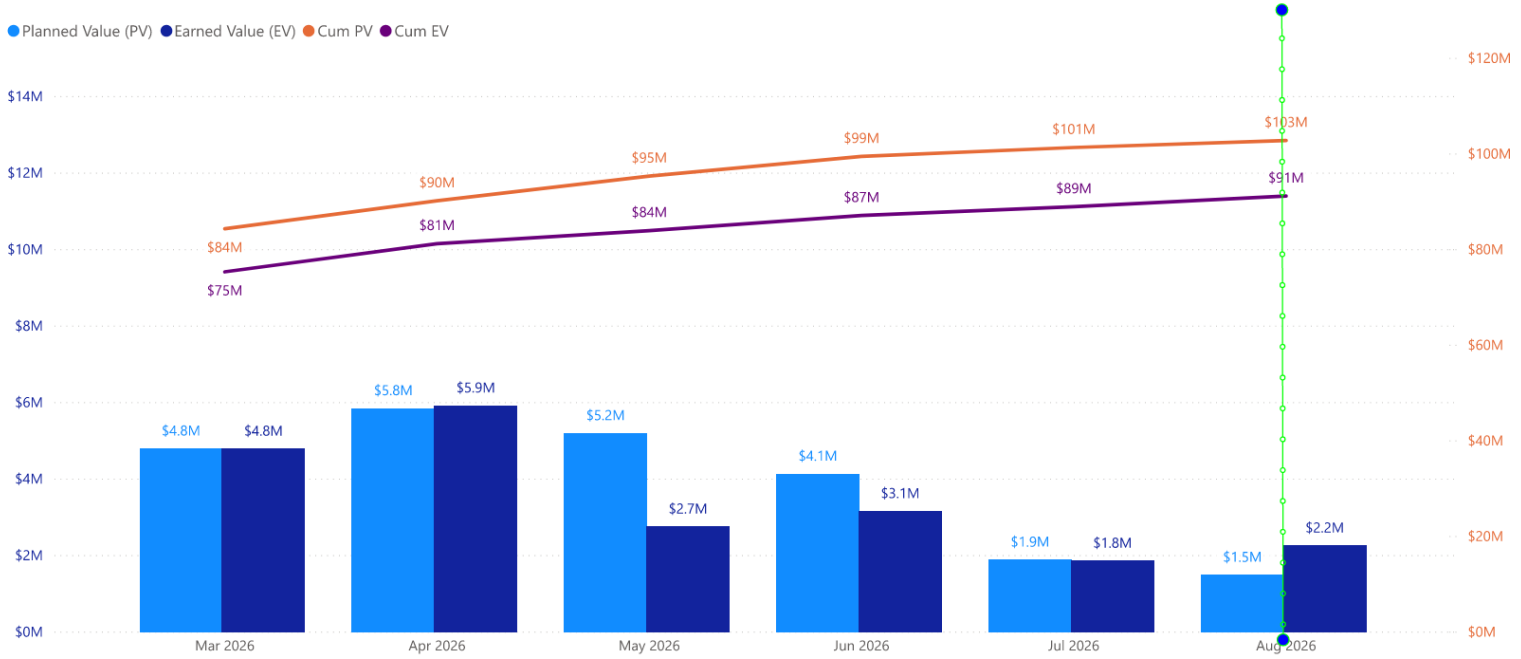
Project Name

RPS

3/25/2026 8/25/2026

WHCRWA NFBWA
SURFACE WATER SUPPLY PROJECT

Re-Pump Station





RPS - Overall Site



Horizontal Split Case Pump



96-inch Suction Pipe

WEST HARRIS COUNTY REGIONAL WATER AUTHORITY

SEPTEMBER 2026

Project Spotlight

Central Pump Station

4655 N. Fry Rd., Katy, TX, 77449

171 MGD
Pumping Capacity (future)

30 MG
Ground Storage (current)

June 2, 2026
Water First Delivered



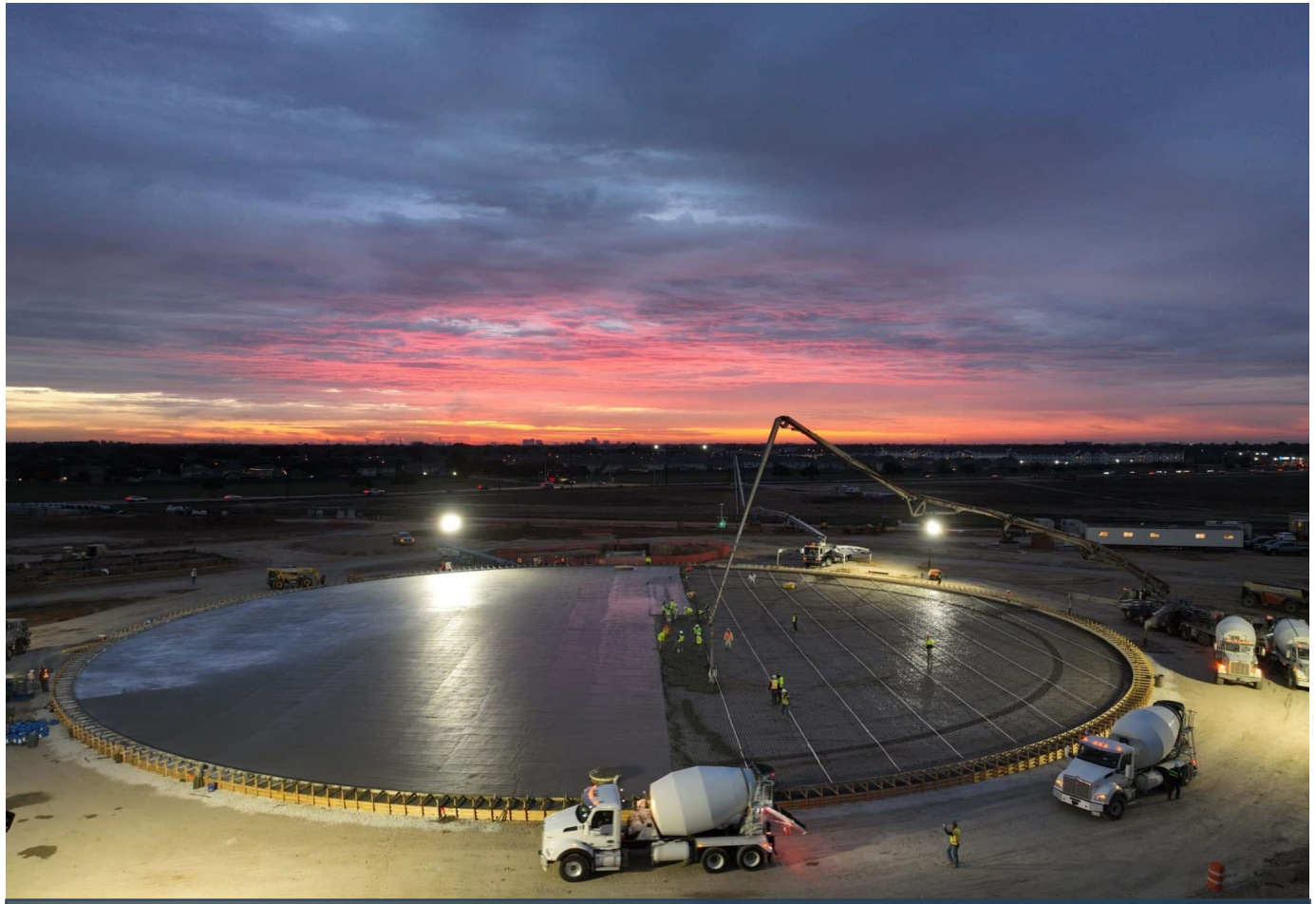
Aerial view September 2026

Built to Stay Running

Hardened Operations • Full Emergency Power • 24-hour Operations Capability

RESILIENCE BY DESIGN

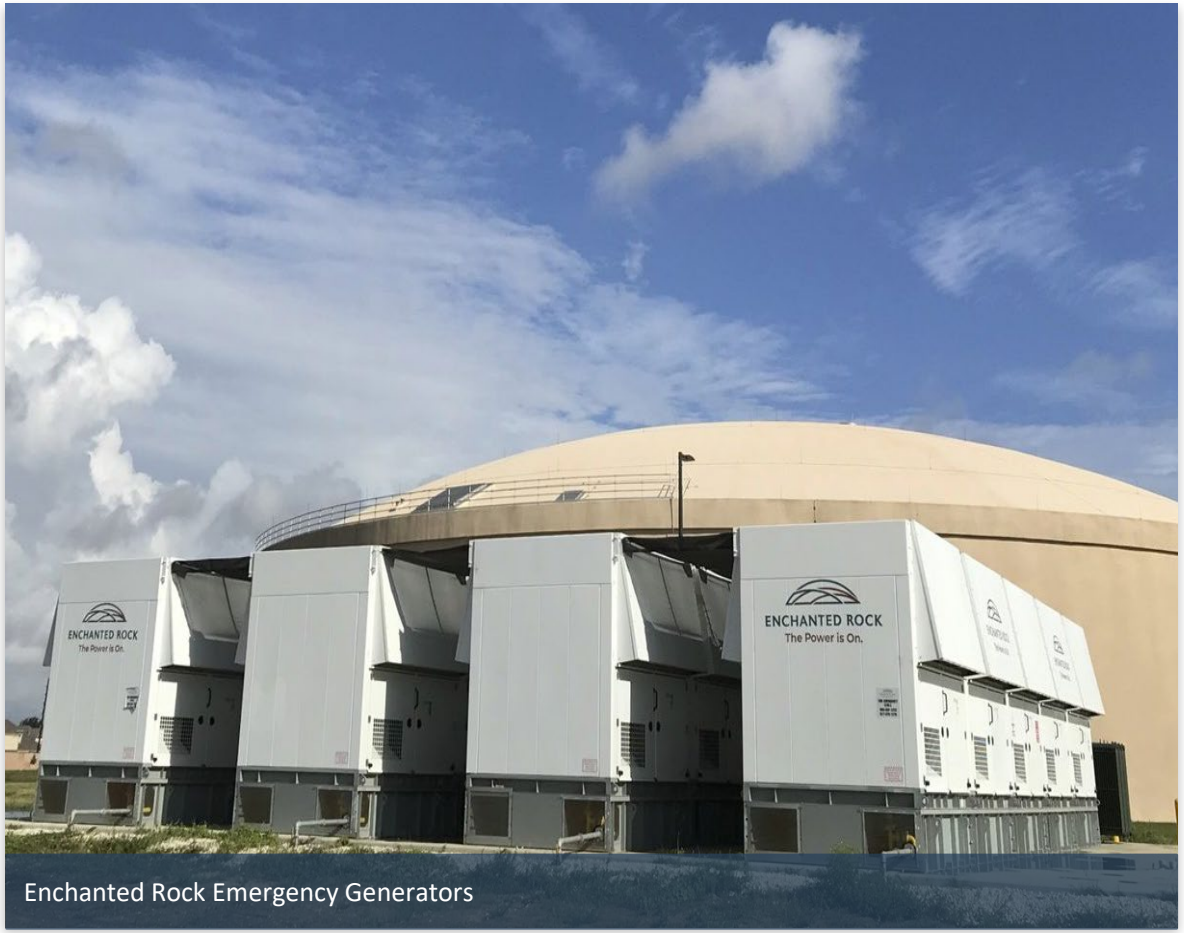
- Hardened Infrastructure – designed to keep the station staffed and controlled through severe weather events while maintaining service.
- Full Emergency Power – on-site Enchanted Rock generators carry the pumps and the building when utility power is lost.
- 24-hour Operations Capability – emergency quarters with sleeping accommodations, showers, lockers, kitchen, and break room so crews can ride out an event on-site.
- 30 Million Gallons (MG) of On-Site Storage – two 15 MG ground storage tanks (GSTs) keep water flowing to the system even if the supply from NEWPP is interrupted upstream.



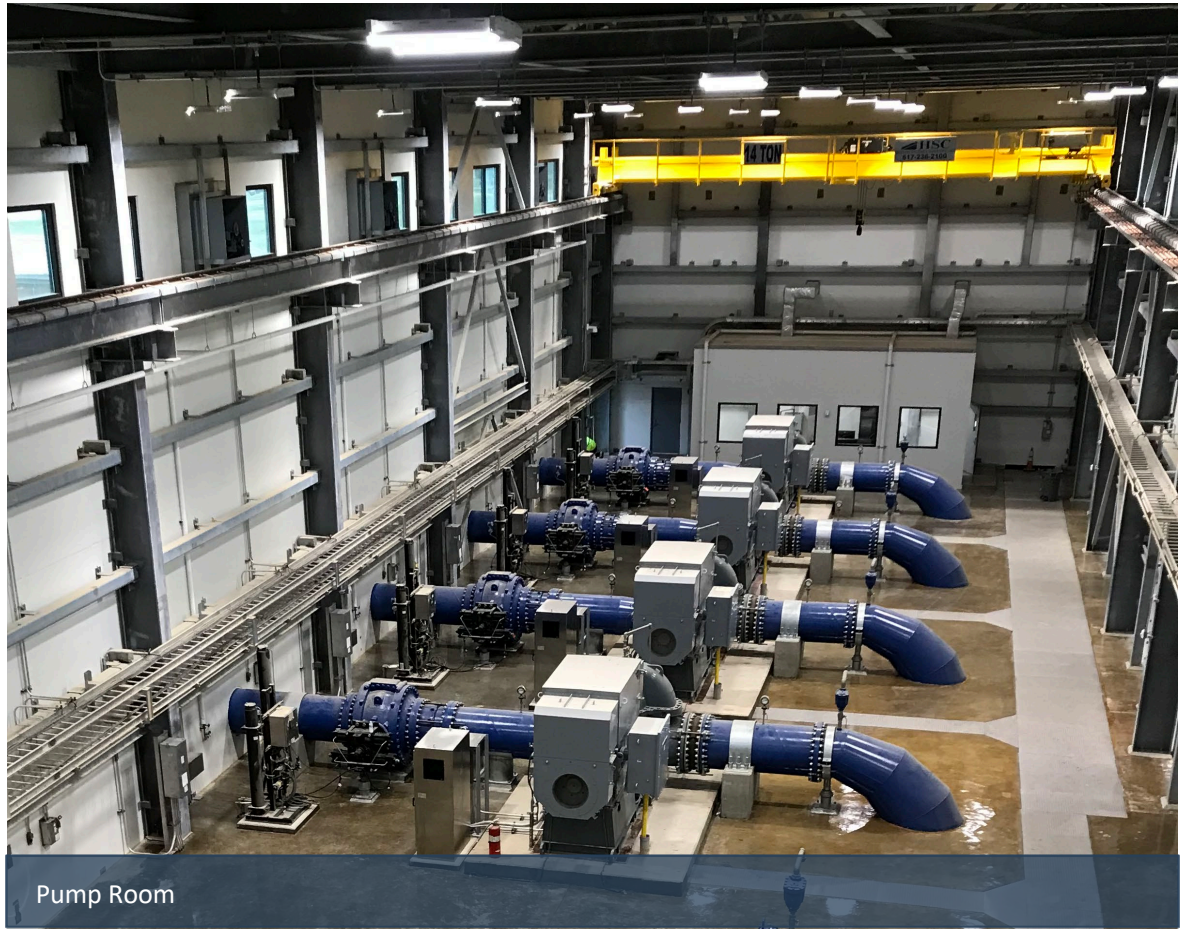
Sunrise Over GST Concrete Foundation Pour

Built to Stay Running

Hardened Operations • Full Emergency Power • 24-hour Operations Capability



Enchanted Rock Emergency Generators



Pump Room

Built to Stay Running

Hardened Operations • Full Emergency Power • 24-hour Operations Capability



Break Room / Kitchen



Electrical Room

Command Center for the Surface Water Supply System

Control Room • Automated Control • Remote Operation of Pump Station #1 and the Re-Pump Station



SCADA Control Room



Water Quality Lab



Chemical Feed System

- Supervisory Control and Data Acquisition (SCADA) Room - monitors and controls pumps, valves, and tank levels at the CPS.
- Automated Pump Control – Variable-Frequency Drive (VFD) pumps modulate between 10,500 and 24,000 GPM to match demand without operator intervention.
- Remote control of Pump Station #1 and the Re-Pump Station from the CPS – one staffed location for the entire SWSP delivery system.
- Automated Chemical Feed – flow-paced dosing maintains a stable chloramine residual and consistent water quality as NEWPP water enters the WHCRWA system.
- Dedicated server room and Enchanted Rock backup power keep the control room live through any outage.

3 Stations

CPS, Pump Station #1, and the Re-Pump Station operated from one room

24,000 GPM

Maximum output per VFD pump (10,500 GPM minimum)

Designed for the Community and for Conservation

Lobby Education Technology • Native, Drought-Resistant Landscaping • Rainwater Cisterns



Lobby – Interactive Education Displays

- **Lobby Education & Conservation Technology – interactive kiosks with maps, photos, and videos explain the SWSP**
- Native and drought-resistant landscaping across the site reduces irrigation demand and maintenance.
- Cisterns capture rainwater from the Operations Building roof for landscape irrigation.
- Board Room and Lobby give residents and MUD partners a place to see the system that serves them.

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Lobby Education Technology • Native, Drought-Resistant Landscaping • Rainwater Cisterns



Native Landscaping – East View

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- **Native / drought-resistant landscaping across the site reduces irrigation demand and maintenance.**
- **Cisterns capture rainwater from the Operations Building roof for landscape irrigation**
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Designed for the Community and for Conservation

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Lobby Seating & Interactive Touch Screen


Public Board Room


Public Catering Kitchen


Executive Meeting Room

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- Native / drought-resistant landscaping across the site reduces irrigation demand and maintenance.
- Cisterns capture rainwater from the Operations Building roof for landscape irrigation
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Capacity Today, Room to Grow Tomorrow

Future Expansion • Pump Capacity • Travel Time from NEWPP



Overall Site – GST No. 3 and No. 4 shown in translucent blue above to indicate the location of the future tanks

2 × 15 MG

Ground storage tanks, 262-feet in diameter – largest freestanding concrete domed tanks in Texas

+2 tanks

Site laid out for GST No. 3 & No. 4 – 60 MG total for future ground storage

136 MGD

Four 24,000 GPM VFD pumps (15.2–34.6 MGD each)

171 MGD

Future pumping capacity

3 days

Travel time for water from NEWPP to the CPS (72 hours at 15 MGD)

80 MG

Water in the SWSP pipeline between NEWPP and the CPS

Each ground storage tank holds approximately one month's supply of water for 1,500 homes.