

Board of Director's Monthly Meeting News & Updates

Thank you for being a valued member of the North Fort Bend Water Authority's (NFBWA) community! This quarterly newsletter highlights information from the Board of Director's Meeting.

This newsletter is disseminated to consultants and elected officials within the NFBWA database. We encourage you to forward this email to your Board of Directors.

[Visit our Website](#)

Provide: Luce Bayou Interbasin Transfer Project



Pictured above: The dam that held back the Trinity River for over two years is being removed, revealing the pump intake station.

Start-up and commissioning of the 500 MGD Capers Ridge Pump Station takes center stage in 2021.

All four pumps at the new station are installed, and three of the motors are set. Next steps? Install the final motor, testing, and then hit the start button.

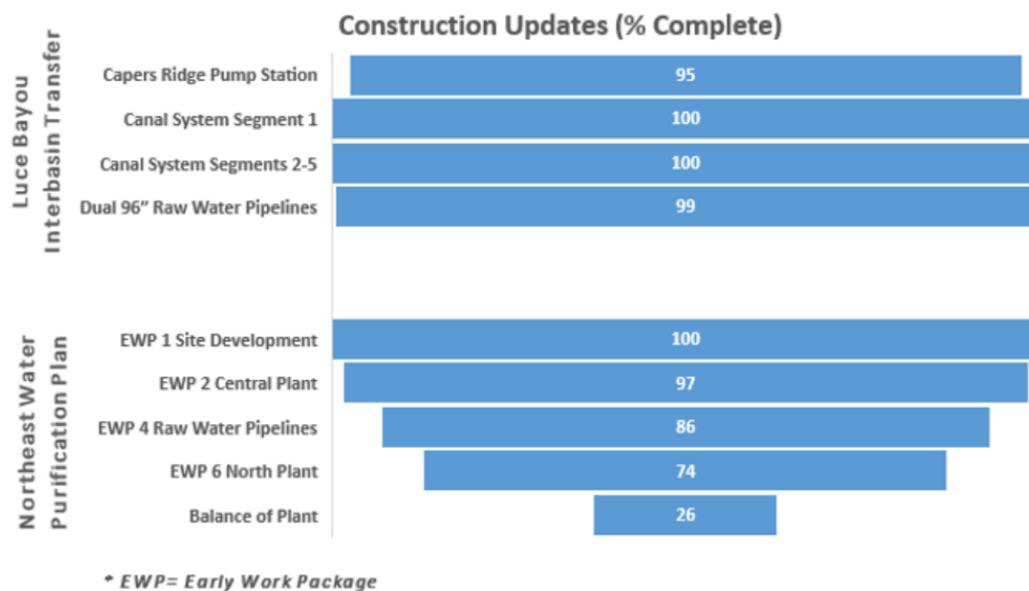


Once complete, Capers Ridge will be the second largest pump station in the region behind another facility operated by the Coastal Water Authority, the Lynchburg Pump Station. Lynchburg serves the greater Houston area by supplying raw water to the City of Houston's East and Southeast Water Treatment Facilities. Capers Ridge will ultimately supply water to the City's Northeast Water Plant, which in turn will provide finished water to the North Fort Bend Water Authority.

Northeast Water Purification Plant Expansion:

Overall completion of the Plant ("Balance of Plant") is approximately 26%. The ground storage tank concrete flooring and dewatering building precast paneling are now finished.

Below are construction updates related to both projects.



Surface Water Supply Project- Segment A

- Early Casing Package- The contractor has begun mobilizing materials for the work to begin this month.
- Schedule- The 90% submittal has been received.

Internal Distribution System-2025 Design

Professional service agreement negotiations have been authorized to begin with

the following design consultants:

- Segment 13Ci- Jones|Carter
- Segment 13Cii & D- Binkley & Barfield, Inc.
- Segment 13B- IDS Engineering Group, Inc.
- Segment 18A- BGE, Inc.
- Segment 19- Carollo Engineers, Inc.
- FBC FWSD 2- HR Green, Inc.



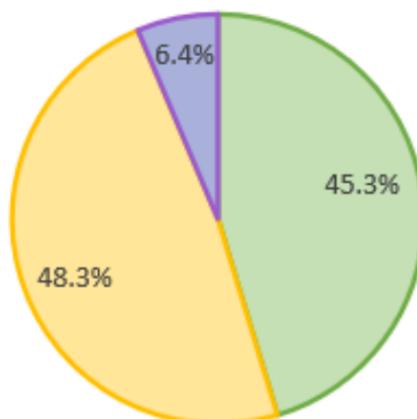
Bellaire Pump Station Generator Installation!

Enchanted Rock completed the installation of the second set of generators and began start-up testing on January 25th. The final remaining generator is scheduled for removal in early February.

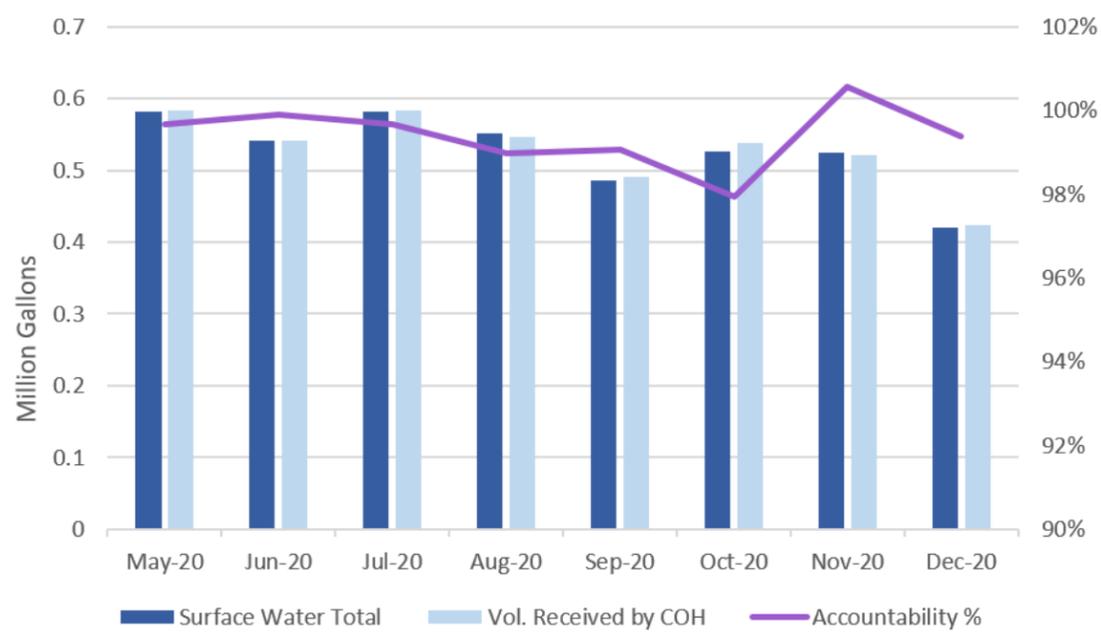
NFBWA Water Usage

NOVEMBER WATER DEMAND

■ Surface water ■ Groundwater ■ Reclaimed water



Water Production



Conserve.

NFBWA Owned Reuse Distribution System Updates

Grand Lakes- The Texas Water Development Board has approved beginning construction and a Notice to Proceed for construction has been issued. Once fully operational, the Grand Lakes reuse system is expected to save 225 million gallons of potable water per year.

Fort Bend County MUD No. 146- The NFBWA expects approval by the Texas Water Development Board early this month a Notice to Proceed for construction may be issued. This system will replace approximately 0.26 million gallons per day (95 million gallons per year) of potable water with reclaimed water from the Fort Bend County MUD No. 146 wastewater treatment plant in order to provide a cost effective and sustainable solution for green space irrigation and amenity lake level maintenance.

Educate:

In an effort to enhance communications between the NFBWA and 2021 Larry's Water Conservation Toolbox Program Participants, the NFBWA has scheduled two program implementation meetings. The same meeting will be offered on the following dates/times:

- Thursday February 17, 2021 at 2pm ([Register here](#)); and
- Thursday February 24, 2021 at 10am ([Register here](#)).

The NFBWA was created to assist in converting the region within its boundaries from using groundwater to predominantly surface water in order to combat subsidence. The NFBWA acquires, develops and delivers a long-term supply of potable surface water to users in our fast-growing area. For more information, please visit the NFBWA website at www.nfbwa.com.