

Montclair/Four Seasons
Water System Improvements Design-Build Project
Project Summary

Project Description:

The three main components of the project include: a Booster Pumping Station, Supply Main, and Discharge Main. The Discharge Main also serves as a secondary Supply Main to Four Seasons at Historic Virginia.

Project Duration & Testing, Design and Permitting Timeframe:

- The final design and construction phase commenced on December 13, 2021.
- The Estimated Construction Completion Date: summer 2024.

Purpose of the Project:

- Maintain water quality.
- Improve system hydraulics and reliability for Four Seasons and other customers.
- Provide a redundant water line into Four Seasons.
- Maintain the level of service residents receive.
- Accommodate future growth and water demands / existing system will not adequately support growth.

Project Overview:

The Montclair Booster Pumping Station (BPS):

The Montclair/Four Seasons Water System Improvements Project provides improved reliability to Montclair, Four Seasons, Brittany, and Southlake, as well as commercial areas and neighborhoods along Dumfries Road. The pumping capacity of the new Montclair BPS is expected to be in the range of 3 to 8 Million Gallons per Day (MGD).

Montclair BPS Supply Transmission Main:

The scope for the Montclair Supply Transmission Main includes 18” and 20” diameter water mains, which will connect the new booster pumping station to the Montclair and Oak Ridge Pressure Zones.

Montclair BPS Discharge Transmission Main:

The scope for the Montclair BPS Discharge Transmission Main includes several thousand feet of 16” diameter water main which will connect the new booster station to the Montclair and Oak Ridge Pressure Zones.

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Prince William Water's Commitments:

- To restore property affected by PW Water construction to original or better condition.
- To maintain road access at all times.
- Emergency services, trash, mail, and other services.
- To continuously communicate and work with HOA concerning project status.
- To respond quickly to residents' concerns.
- Work with the HOA to define parking and access constraints.
 - Incorporated into Design-Build Agreement.
- Daily clean-up by the Contractor is required.
- Prince William Water Inspector on site daily and as necessary.
- Construction Manager / PW Water Project Representative on site for the duration of the project.