

Construction Update

February 2021

Georgetown Wet Weather Station Project Update

King County's Wastewater Treatment Division (WTD) is building a new wet weather treatment station in Georgetown, at the corner of Fourth Avenue South and South Michigan Street. The project also includes an outfall structure, which was completed in March 2020. Currently WTD is constructing connecting pipes from the station to the outfall structure. Read below for updates, recent highlights, and information about upcoming work.

Sustainable Design and Green Infrastructure at the Treatment Station

Sustainable or "green" practices are being incorporated into the construction of Georgetown Wet Weather Treatment Station. A green roof and above ground containers called cisterns will use natural processes to manage stormwater as a way to support healthier urban environments.



Drains from rooftops attach to cisterns which collect and store rainwater so it can be used later on vegetation. Collecting rainwater has the additional benefit of reducing the amount of water that enters the storm sewer systems and treatment facility. This process helps to lower costs, energy, and resources needed to manage and clean stormwater. The image on the left shows how the cisterns will function once installed.

Cisterns at the treatment station will collect rainwater which will be used to water surrounding vegetation.

Following construction, the treatment station's mechanical and operations building will include the installation of a green (or vegetated) roof. The green roof consists of layers of vegetation and soil laid over a roofing surface. The vegetated roof uses plants to collect and filter stormwater. The green roof along with stormwater cisterns helps divert and clean rainwater. The roof also keeps the building cooler in the summer and warmer in the winter. The green roof is expected to be installed in late-spring 2021.



Design rendering of the Georgetown Wet Weather Treatment station and green roof.

Take a look at construction progress!

[Treatment Station Photos](#)

[Conveyance Pipeline Photos](#)

Conveyance

Conveyance construction continues to progress and is expected to wrap up May 2021 when all pipes are installed along South River Street and the area around the station is fully restored. Excavation work at Brandon Street was completed in early February this year.

Treatment Station

In February 2021, notable treatment station construction progress included:

- Roof installation at the ballasted sedimentation and generator buildings.
- Roof and siding installation at the equalization basin structure.
- Wall panel work for the ballasted sedimentation building.
- Steel framing of the ultraviolet light disinfection building.
- Pipe support work at the electrical building.



What to expect during construction:

- Project team available by phone to brief and update community groups, business owners, and residents about construction activities and next steps for construction
- Noise and vibrations typical of construction
- Security fencing and erosion and sediment control around the project sites
- Active 24/7 construction hotline: 206-205-9286

Visit the project website: www.kingcounty.gov/GeorgetownWWTS

Call: 24/7 Project hotline at 206-205-9286

Text: "King GeorgetownWWTS" to 468311

Email: Bibiana.Ocheke-Amech@kingcounty.gov

Alternative Formats Available: 206-477-5371 / TTY Relay: 711