

Georgetown Wet Weather Station December 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 WTD is also building a new outfall structure under the First Avenue South Bridge and connecting pipes from the station to the outfall. Read below for updates, recent highlights, and information about upcoming work.

Holiday work hours: Crews will not be working on December 25 or on January 1.

Conveyance

Construction to install the conveyance pipes on South Michigan Street and East Marginal Way South will continue through the end of the year. Over the past few months crews have:

- Installed the Elliott Bay Interceptor pipeline and continue work on the conveyance pipeline
- Relocated and restored existing utilities
- Continued to remove shoring and installed temporary road restoration on South Michigan and East Marginal Way



Crew members pour over 265 cubic yards (53,523 gallons) of concrete at the treatment station's future electrical building site.

Treatment Station

Over the past few months, work crews have set rebar and poured the concrete foundations for the structures at the treatment station site.

Concrete pours are vital in creating strong, durable, and visually pleasing structures. From start to finish, it takes about 28 days for concrete to cure and reach full strength. A materials testing lab tests the concrete during the curing period to verify that it is reaching the required strength.

Once the concrete cures, crews will then begin the backfilling process. This entails replacing the previously removed material around the structure with Controlled Density Fill (or CDF). CDF is self-placing, self-compacting material that hardens quickly and provides structural support.

Once the concrete and CDF cure, crews then begin forming walls around the foundation.

Click [here](#) to watch crews pour concrete for the treatment station's electrical building!

Outfall

Crews have made substantial progress at the outfall site since resuming work in October 2019. Over the past few months crews:

- Excavated debris and dredged along the Duwamish River to make way for trestle installation
- Successfully installed the last section of pipe

What to expect during construction:

- South River Street remains closed through January 2020 and detour route remains in place.
- The southbound onboard ramp to SR-99 at the corner of East Marginal Way South and South Michigan Street will be closed during the permitted night shift hours, from 10 p.m. - 5 a.m. (Monday through Thursday) and occasional Sundays (8 p.m. - 5 a.m. are also possible) through the end of the year. Visit our [project website](#) to view a detour map.
- Noise and vibrations typical of construction.
- The project team is available by request to brief and update community groups, business owners, and residents about construction activities and next steps for construction
- Active 24/7 construction hotline: 206-205-9286

Test Your Construction Term Knowledge!

A _____ is a temporary work platform that looks like a wooden bridge and can be used to hold equipment over water during in-water work.

- a.) Concrete Pour
- b.) Bridge
- c.) Trestle
- d.) Equalization Basin



In the image on the left, crews are installing _____ as a way of holding back soil and water while they dig into the ground during conveyance construction.

- a.) Excavators
- b.) Shoring
- c.) Tremie Pours
- d.) Formwork

Visit our [glossary of construction terms](#) to find the answers!

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-Ameh@kingcounty.gov

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