

North Beach CSO Control Project



King County

Department of
Natural Resources and Parks
Wastewater Treatment
Division

Weekly Construction Update – January 15, 2015

Crews continue to focus on preparing for and completing concrete pours for the combined sewer overflow (CSO) tank walls, mechanical/electrical building, and the 48b structure (it serves as a backup for CSO discharges when the North Beach Pump Station cannot get all flows to Carkeek Park or through the main outfall). The contractor completed the first concrete pour for the CSO tank walls on Tuesday, which required work past 6 p.m. to finish the pour. We apologize for the inconvenience. Crews will continue to place forms for each of the structures this week (CSO tank wall forms pictured to the right).



Progress continues on the CSO storage tank. This photo is from January 13. Crews are installing the tank wall forms, in preparation for concrete pours.

Concrete pour schedule update

Several concrete pours are planned for January and February, and then concrete pour activities will wind down. The CSO tank wall concrete pours must each be seven days apart in order for the concrete to cure properly before proceeding with more pours. We will keep you updated on the specific dates for all planned pours as they are scheduled. Concrete pours are tentatively planned for the following dates:

- January 16 (48b structure)
- January 20 (CSO tank wall, 48b structure, and mechanical/electrical building)
- January 23 (48b structure)
- January 27 (CSO tank wall)
- February 3 (CSO tank wall)



Crews pour concrete through a pump to form a wall of the tank.

Construction progress and updates

- Installation of electrical lines for the mechanical/electrical building will wrap up this week (see photo on reverse). These lines will later be connected to power.
- Crews completed adding gravel to the mechanical/electrical building site (“backfill”) earlier this week.

Did you know?

The final project design includes **pervious concrete paving** on the North Beach Pump Station site. Stormwater can seep through the pervious paving and eventually into the ground. This filtration system helps prevent polluted stormwater runoff and reduces flooding.

Continued on reverse

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What to expect from upcoming activities

- Up to 20 concrete trucks are expected on the days of each of the upcoming concrete pours.
- Trucks will be connected to a large concrete pump, which will pour concrete into the excavated tank area.
- Concrete trucks will continue to run while in use. If trucks are not in use, they will be turned off.
- Pumps may be used to keep the excavation site dry. Neighbors may hear gurgling and other pump sounds during the day and at night. Crews will turn off the pumps if they are not needed.
- After sunset, lights will be used on site for worker safety. The team makes its best effort to reduce lights shining near neighbors' homes, while maintaining safe work conditions for the construction crew.



A view inside the excavation area for the 48b structure.



Crews continue to install electrical lines for the mechanical/electrical building.

**See more construction photos on our website!
Look for the link in the top right area of the homepage.**

Questions? Comments? Concerns?

**24/7 Construction Hotline:
206-296-7372**

Leave a message, and a project team member will return your call.

Project Contact: Monica Van der Vieren, monica.vandervieren@kingcounty.gov

Project Website:

www.kingcounty.gov/environment/wtd/Construction/Seattle/NBeachCSOStorage

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