

Fanno Creek Watershed

working for clean rivers

SW 86th Avenue Pump Station Construction Update

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Developments of Note

- The underground wet well structure is completely in the ground and the contractor has poured concrete for the wet well floor.
- Work continues in the northwest corner of the construction site behind the Fanno Basin Pump Station Generator Building on a shored excavation that will eventually hold the new diversion manhole. Crews will be working the week of June 9 to demolish and remove a buried structure, which could create noise and some vibration in that area.
- Before they install the diversion manhole, crews will launch a 60-inch diameter microtunnel boring machine from the wet well. Later in June, the machine will tunnel to the diversion manhole pit. This operation will install pipe in the tunnel to connect the wet well to the diversion manhole. They will install the diversion manhole after they retrieve the boring machine from the pit.
- Construction crews have installed a slurry separation machine on the site as part of the microtunneling process. During tunnel boring, excavated soil and rocks are mixed with slurry and pumped back to the surface. The machine will separate soil from the slurry and the slurry will be reused. The noise level from the slurry separation machine will vary and depends on the amount of rock in the excavated soil.
- Crews continue to work on the surge tank valve vault on the east side of the site, and will start constructing the electrical building and compressor building.
- Crews will be finishing the fiber optic work for the pump stations and paving a small area on the Fanno Creek Trail in the coming weeks at end of SW 84th. The trail will remain open at all times, but equipment on the trail may cause short delays for trail users.



Slurry Separation Plant

Environmental Services works to protect water quality and the environment through wastewater collection and treatment, sewer construction and maintenance, stormwater management, and stream and watershed restoration. When the SW 86th Avenue Pump Station is complete at the end of 2015, it will increase the capacity of the Fanno Basin Sewer System to ensure that the system can handle all wastewater flows during large rain storms. It will protect public health and the health of the Fanno Creek Watershed. *Continued*

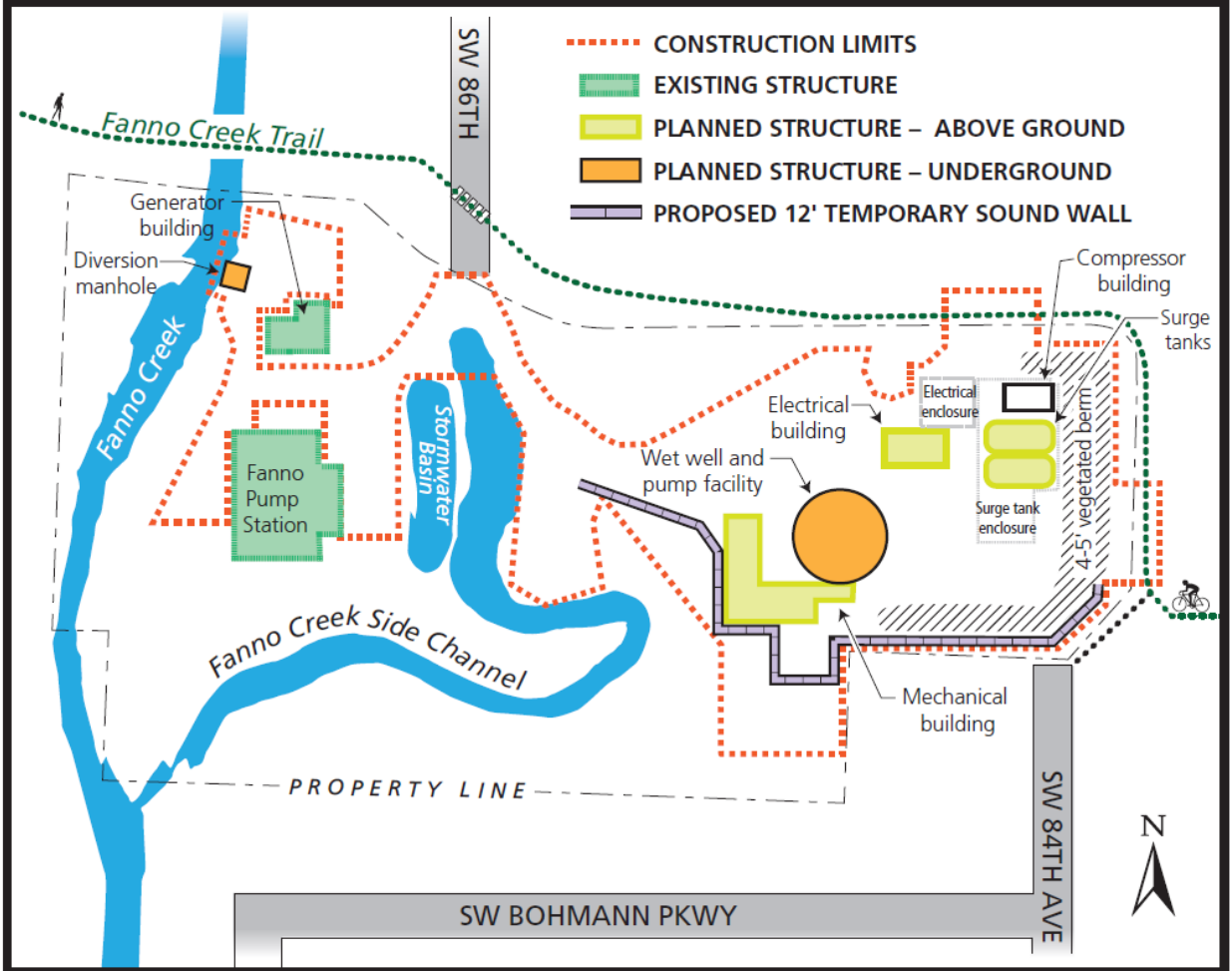


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Over one-third of Portland's 2,500 miles of sewer pipes are more than 80 years old. Projects to replace or repair aging sewers are important for protecting water quality, public health, and the environment. Learn more at www.portlandoregon.gov/bes.

SW 86TH AVENUE PUMP STATION



Simplified map – not to scale ES 1339