

Fanno Creek-Tryon Creek Watersheds

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Portland watersheds: Columbia Slough • Fanno Creek • Johnson Creek • Tryon Creek • Willamette River

SW 86th Avenue Pump Station Project Update

April 17, 2013

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.

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Construction Activities

- **Electrical Conduit** - PGE has completed installing the underground electrical conduit from SW Garden Home Road to the new pump station site. PGE will be back to install the last vault at the northern end of SW 84th Avenue in mid-May.
- **House Deconstruction** - The contractor will begin deconstructing the house on the site of the future pump station in early May. They have 90 days to complete the deconstruction. The contractor will dismantle the house and recover reusable and recyclable material.
- **Surge Tank** - Construction started this week to install an underground hydraulic surge tank at the Fanno Pump Station and will be complete by mid-June. The surge tank will attach to the Fanno pressure sewer and will absorb pressure in the line when the city activates the pump station. The surge tank will protect the pressure sewer and help prevent any further pressure line leaks.
- **SW 86th Avenue Pump Station** - Environmental Services may begin construction in late June 2013. More details on the construction schedule will be available soon.

Odor Complaints

We recently received complaints of a faint sewer odor near the Fanno Pump Station. In order to provide potential emergency service to Clean Water Services, the wet well inside the pump station and the pipelines are filled with sewage. This reduces the time it takes to activate the pump station by at least four hours



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during a large rain storm. The pump station wet well and pipes would not normally store sewage for extended periods and that is what causes a faint, intermittent sewage odor. Workers installing the surge tank have cleaned the pipeline and the wet well. If you smell odors, call 503-823-1700 or report it online at www.portlandoregon.gov/bes/odors.

What to Expect During Construction

- Construction will create some noise, vibration and dust and disrupt normal neighborhood activity.
- Standard City of Portland construction hours are 7:00 a.m. to 6:00 p.m. Monday through Friday. Contractors may work the same hours on Saturday if needed. Environmental Services staff will work with the contractor to notify neighbors if there is any work on Saturdays.
- Contractors working on the project will park on city property only.
- There may be periods of inactivity between construction phases.
- A city construction inspector will be on-site during all work hours.

Extra Measures to Reduce Construction Noise

- Environmental Services will require the contractors to comply with City of Portland code regulating construction noise, which is more specific than Washington County code.
- Environmental Services is in the process of getting permission to build a 12-foot high temporary sound wall along the south side of the SW 86th Avenue Pump Station construction site. More information to come later.
- Construction vehicles will not use compression brakes.
- The contractors will line all dump truck beds with a sound dampening compound or a one-foot thick layer of dirt to reduce impact sound from debris loaded on the truck.
- Vehicles will not use back-up alarms.
- Workers will use radios for all normal, long-range communications. Raised voices and public address systems are allowed only in the case of an emergency.
- Other noise mitigation measures may include moveable noise walls, acoustic shields or shrouds for equipment, and sound enclosures for stationary equipment.

Public Outreach

- During pump station construction, Environmental Services will send weekly email updates on the type of work planned, and dates and times of construction.
- Environmental Services will post current construction schedules at www.portlandoregon.gov/bes/fanno.
- There will be advance notice of any Fanno Creek Trail closures, including informational signs on the trail.
- An outreach coordinator will be on-site weekly to answer any questions. Environmental Services will soon release the on-site schedule.