



NORTH MERCER ISLAND/ENATAI Sewer Upgrade Project

Southeast Lake Road Small Group

Thursday, Nov. 9, 2017

6 - 8 p.m.

Mercer Slough Environmental Education Center
1625 188th Ave SE,
Bellevue, WA 98005

Attendance

2 attendees

Advance notification

Individual invitations were mailed to property owners and residents along Southeast Lake Rd. Project staff delivered flyers inviting 25 residents to attend on Oct. 30 and Nov. 6.

Meeting overview and purpose

King County Wastewater Treatment Division (WTD) presented details about a temporary sewer bypass system and construction methods that will be used for the re-lining of the Enatai Interceptor. The Enatai Interceptor runs in the water just off of the Bellevue shoreline from Enatai Beach Park to the Sweyolocken Pump Station.

The meeting provided an opportunity for project stakeholders to:

- Learn about the temporary sewer service and expected in-water work
- Hear about the importance of upcoming survey work on properties
- Ask about next steps

Meeting format

From 6 to 6:30 p.m., participants viewed display boards and spoke with project staff. The team gave a presentation and answered questions from 6:30 to 7:30 p.m. Project staff were available for additional questions until 8 p.m.



Sibel Yildiz introduces the project schedule to residents along SE Lake Road.

Presentation

The presentation covered a project overview, construction methods for the Enatai Interceptor re-lining, and the need for a temporary sewer system using 12 grinder pumps for the 25 homes along SE Lake Road. Doug Williams, King County WTD Real Estate Lead, discussed property needs for the project.



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Welcome and introductions

Sibel Yildiz, King County WTD Project Manager, welcomed attendees and explained the agenda. She reviewed the project alignment and introduced the team of technical experts and real estate agents in attendance for the evening.

Cured-in-place pipe (CIPP) rehabilitation

James Chae, Consultant Project Design Manager with Jacobs Engineering, explained how the project team would rehabilitate the Enatai Interceptor using cured-in-place pipe, or CIPP. This method will be used for the existing pipeline in the water near the shoreline between Enatai Beach Park and the Sweyolocken Pump Station.



Crews will insert a new pipe liner and pull it through the pipe at existing manholes and areas where there are bends in the pipe, known as angle structures. If crews cannot gain access to manholes from the shore, construction will be conducted from barges in Lake Washington.

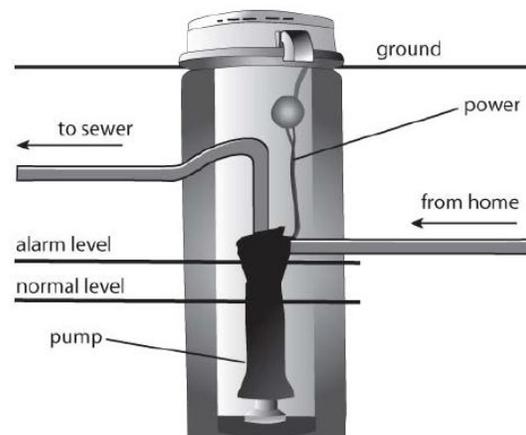
Installation of grinder pumps

James explained that the team anticipates approximately one year of non-continuous construction in this neighborhood, including up to two summer seasons.

During pipe rehabilitation, King County will disrupt sewer service to homes along the Enatai Interceptor. To avoid relocating residents for several months, King County will install temporary grinder pumps and a temporary sewer bypass line. This will allow residents to remain in their homes with uninterrupted sewer service.

After installation of the temporary sewer system, residents will see an above ground plastic lid, approximately two to three feet in diameter, a small control panel next to the lid, and two two-inch lines for sewage and electricity. King County will maintain the temporary bypass system.

After project completion, King County will remove



Concept drawing of a grinder pump



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the bypass system and restore properties back to their original condition.

Right-of-entry and easement process

Doug Williams reviewed the right-of-entry and easement process. Residents whose homes require an easement may have already received letters. Project team members are reaching out to all SE Lake Road homeowners this fall about the project, and the need for rights-of-entry to conduct property surveys.

Doug emphasized the need to begin the right-of-entry process as soon as possible. Crews need to survey properties to understand current surface conditions and confirm the accuracy of record drawings of side sewer locations. This information will be used to determine the locations for grinder pumps that will serve all homes along SE Lake Road. A second in-water survey will occur to assess the current conditions of the Enatai Interceptor, and confirm locations of docks. This survey will require some access to docks.

Summary of questions

The following section summarizes general questions, comments and discussion from the community meeting. This summary does not document site-specific issues, which King County will address with individual homeowners.

Questions and comments focused on the following topics:

- Right-of-entry and process
- Impacts to properties from grinder pump installation
- In-water barge work

Right-of-entry and easement process

When will you do survey work?

Crews will begin work as soon we have right-of-entry forms from the 25 properties that need to be surveyed. The right-of-entry form focuses explicitly on survey work. King County property agents will send out additional easement requests for construction and potentially more survey work at a later date.

Will you have to access the manhole in the lake? Will it be visible?

King County will need to access the manholes and angle joints during construction. Some of the manholes are under or near docks. King County has easement rights to access these manholes, and some homeowners may need to work with the County to ensure access. A property agent will be in touch with homeowners about access below docks if it is needed.

Temporary sewer service

Will grinder pumps always be placed in backyards?

Yes. The grinder pumps need to be directly above side sewer pipes. All side sewers are connected to the King County sewer line in the water near the shoreline.

If there are 12 stations for 25 homes, will you need to connect the lines between homes?

Some homes share side sewer lines so no additional connections need to be made.



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Will installing the grinder pumps disrupt irrigation systems?

It is possible that irrigation systems will be impacted by this work. Understanding yard conditions is part of the upcoming survey work. King County is committed to reducing our impact to irrigation and landscaping to the extent possible. The contractor will document current conditions on your property before we begin work. Crews will return everything to the same or better condition than before.

Construction impacts

What kind of construction vehicles will you use?

King County is hoping to drive equipment onto properties using trucks. If crews cannot drive equipment onto properties, they will need to work from barges and use a crane to move equipment to the shore.

How many barges will there be?

At most, construction crews will locate one barge per home for 1-3 days during the grinder pump construction work. The barges will deliver the equipment necessary for installing the temporary sewer system. Ideally, we will have an access point on land, but we need to do survey work to determine if this is possible.

Next steps

Project team members will continue outreach to residents along Southeast Lake Rd to obtain the remaining rights-of-entry. Once all 25 are obtained, King County will complete the land survey. Early next year, crews will inspect the Enatai Interceptor. Residents will receive advance notification of all survey and pipe inspection work.