



**King County**

Department of Natural Resources and Parks  
Wastewater Treatment Division

## NORTH MERCER ISLAND/ENATAI Sewer Upgrade Project

December 2, 2022

### Enatai siphon pipe installation planned to begin as early as December 15th. This will require work around the clock.

King County's contractor will begin the final process to install a new pipe under the Enatai Hillside between Enatai Beach Park and the Sweyolocken Pump Station as early as December 15th. The first step will be to fuse pipe sections and then float the fused pipe on Lake Washington. Then, crews will install the pipe around the clock until the pipe is installed. This work is anticipated to take approximately 10 days of continuous work to complete.

#### Important notes for Lake Washington Neighbors

The pipe will be in the East Channel of Lake Washington for about one week prior to installation. The pipe will not be anchored to the lakebed. Multiple workboats will orient the pipe and maintain a navigable channel 24 hours a day.

Neighbors living on Lake Washington will see increased lights on the lake while the pipe is floating. Each workboat will have spotlights to illuminate the pipe and work areas to ensure safety. Boat captains will minimize pointing these spotlights toward shore. Neighbors may also notice increased noise at night coming from Enatai Beach Park once the pipe pull starts.



*Crews will additionally affix lights to the floating pipe to help locate the pipe between the two workboats.*

#### Important notes for Enatai Beach Park Neighbors

The work will increase noise and construction activity during both daytime work hours and at night. There will also be lights underneath the I-90 bridge at Enatai Beach Park.

#### Important notes for Sweyolocken Pump Station Neighbors

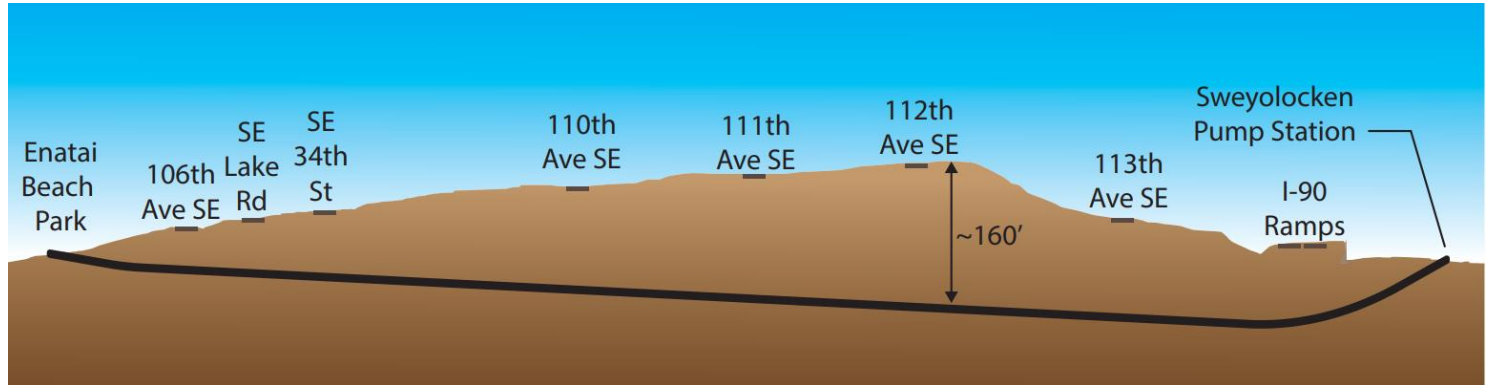
As the pipe gets pulled from Enatai Beach Park to Sweyolocken, neighbors living near the Sweyolocken Pump Station may notice increased noise at night.



*Cranes on barges will attach the assembled pipe to a cable. Then crews will lift, align, and steer the pipe into the drill hole as shown*

### Important notes for Enatai Hillside Neighbors

Installing the new pipe will use a technique called Horizontal Directional Drilling (HDD) to avoid neighborhood disruption. Crews will drill a hole up to 160 feet below the ground under the Enatai Hillside and pull the pipe through the hole to minimize above ground impacts. Residents on the hillside should not feel the vibration from the pipe being pulled under the hill.



### What to expect during final pipe installation:

- Neighbors on Lake Washington will see the pipe begin to float in the East Channel approximately one week before the final pipe installation.
  - The floating pipe will be secured using multiple workboats staffed 24 hours daily.
  - The pipe will be illuminated using the workboats' spotlights and lights affixed to the floating pipe so crews can work and stay safe.
- Work will occur continuously for approximately 10 days.
- There will be increased daytime and nighttime noise, lights, and vibration, particularly near Enatai Beach Park and the Swaylocken Pump Station.
- Increased construction equipment and trucks are hauling materials on roads near the work sites.
- We will have surveyors doing monitoring during these operations throughout the neighborhood.

If you have questions or concerns about the around-the-clock work, **contact the Community Services Team by calling our 24-hour hotline at 425-305-3578 or by emailing [NMEsewer@kingcounty.gov](mailto:NMEsewer@kingcounty.gov). Our hotline is monitored 24/7, so for urgent concerns, please call that number first.**

## NORTH MERCER ISLAND/ENATAI

## Sewer Upgrade Project

**Talk to us!** For more information or to schedule a virtual meeting, please contact:

The community services team at **425-305-3578** or **[NMEsewer@kingcounty.gov](mailto:NMEsewer@kingcounty.gov)**

Sign up for text alerts. Text **KING MERCERSEWER** to **468-311**.

Visit the project Webpage at **[www.kingcounty.gov/MercerEnataiSewer](http://www.kingcounty.gov/MercerEnataiSewer)**



Alternative formats available  
206-477-5371 or TTY replay: 711

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