



King County

Lake Hills and NW Lake Sammamish Sewer Upgrade Project

SAMMAMISH WATERWAY CONDOS BRIEFING NOTES

Date: March 31, 2016

Time: 7 p.m.

Location: Lake Washington School
District Administration Building
16250 NE 74th Street, Redmond, 98052

Attendees

Sammamish Waterway Condos

Nathan Andres, community association manager
Members of community association

King County

Jennifer Kauffman, King County project manager
Robert Gilmore, King County property
Danny Applegate, HDR project manager
Taylor Knowles, PRR community relations

Purpose of the meeting

King County’s Lake Hills and NW Lake Sammamish Sewer Upgrade Project team met with the Sammamish Waterway Condo community association. The project alignment runs near the condos, with a crossing of the Sammamish River near the building, and coordination with the community association will be required for easements. The meeting was an opportunity for condo residents to see the recommended alignment for the new pipe, ask questions and continue a dialogue with the project team.

Project overview

Jennifer Kauffman, King County project manager, provided a project overview beginning with introductions. The Lake Hills Sewer Upgrade Project is needed to replace old pipes and increase capacity.

Existing system and recommended alignment (Jennifer Kauffman)

The project is 4.5 miles long starting at the Bellevue-Redmond city limit and going north to Redmond City Hall. The pipes in this neighborhood used to bring flows to a small treatment plant on Lake Sammamish, sometimes discharging them directly into the lake. That treatment plant was eventually decommissioned and the County took over the existing pipe system. Today, sewage from this area flows from the City of Redmond’s local pipes, to the County’s pipes, and is treated at the county’s Brightwater Treatment Plant in Woodinville.



Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Project status and schedule (Jennifer Kauffman)

The project team has completed the alternatives analysis and selected a preferred alternative. The team will spend 2016 doing topographic surveys, soil investigations, completing wetlands delineations, and working with community members to acquire property rights to complete surveys and begin construction. Design and permitting will be completed by the end of 2017. Construction is expected to begin in mid-2018 and will last approximately three years.

Surveyors will use rods and survey equipment along the route to gather information on existing structures, trees, utilities, and elevation. During soil investigation work, the project team expects to do one boring near the river crossing on Sammamish Waterway Condos property to evaluate the soil conditions and monitor groundwater levels before the pipe is constructed. The boring will be 18-24 inches in diameter and 30-40 feet deep. The drill rig will be on the property for one-to-two days to complete the boring.

The other side of the Sammamish River is a known cultural resource area. Part of the geotechnical work will include a cultural search to ensure that the soil is monitored for any significant artifacts.

Property and permitting (Robert Gilmore)

Robert Gilmore will work with Sammamish Waterway Condos to acquire rights of entry for the upcoming surveying and geotechnical work. King County will communicate with Sammamish Waterway Condos to ensure that all residents are aware of what areas King County will be accessing. Eventually, King County would coordinate a temporary construction easement in preparation for construction. The temporary construction easement would be based on current appraisals and negotiated with Sammamish Waterway Condos.

Technical considerations (Danny Applegate)

There are significant technical considerations that go into replacing a pipeline in a highly developed area that includes crossing the Sammamish River. Due to the proximity of the river, the project team will be looking for potential wetlands to avoid the project causing any disruption to the area.

The project team will work hard to minimize disruptions to neighbors while maintaining gravity flows. King County won't be able to construct an open cut trench across the Sammamish River. The pipe will be installed via a trenchless method, which involves feeding a pre-constructed pipeline underground from one side of the river and pulling it through to the other side. This method of construction would require additional space on Sammamish Waterway Condos property to stage equipment, including the length of pipe that would be installed under river.



Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Community Outreach (Jennifer Kauffman)

Engaging project neighbors and gathering community input is important to the project team.

- King County's goal is to engage community early and begin collecting feedback
- King County will seek public input throughout design process to help shape the project around community needs
- King County will work with residents at Sammamish Waterway Condos to determine their preferred communication methods

Questions and suggestions

Project purpose

Development in the area seems to have slowed; is there really a need for a new sewer line?

There are several reasons that this sewer upgrade project is needed, such as catching up with past population growth in the area, preparing for future growth, and the age of the pipes in the existing system, among others.

Will the new pipe be used for storm water?

No. Part of the reason that old pipes are replaced is because they begin to slowly allow groundwater to leak into them, contributing to a larger volume in the pipes than is ideal. The new pipes will keep groundwater out, so that only wastewater is traveling through the pipes.

Construction

Will there be an interruption in service during construction?

No. The existing lines that cross the river will remain operational throughout construction, but ultimately will be replaced.

How close to the buildings will construction come?

The exact location of construction has not yet been determined. The project team will attempt to place the new pipeline as close to the existing line as possible to avoid impacting Sammamish Waterway Condos as much as possible.

Will the work be loud? Will there be night work?

It's too early to determine how loud construction will be, but there will likely be at least some construction-related noise. King County will limit work to reasonable hours. No night work is expected.

Trails and wildlife

What impact will this project have on the Sammamish River Trail?



King County

Lake Hills and NW Lake Sammamish Sewer Upgrade Project

King County WTD is aware of the popularity of the trail and is committed to working with the City of Redmond and King County Parks to limit the impacts to trail users as much as possible.

Will this project impact wildlife?

The project will have environmental permits and restrictions designed to protect wildlife. King County Wastewater Treatment Division recognizes the importance of preserving the natural habitat around the project area and will look for ways to limit impacts on the surrounding environment.