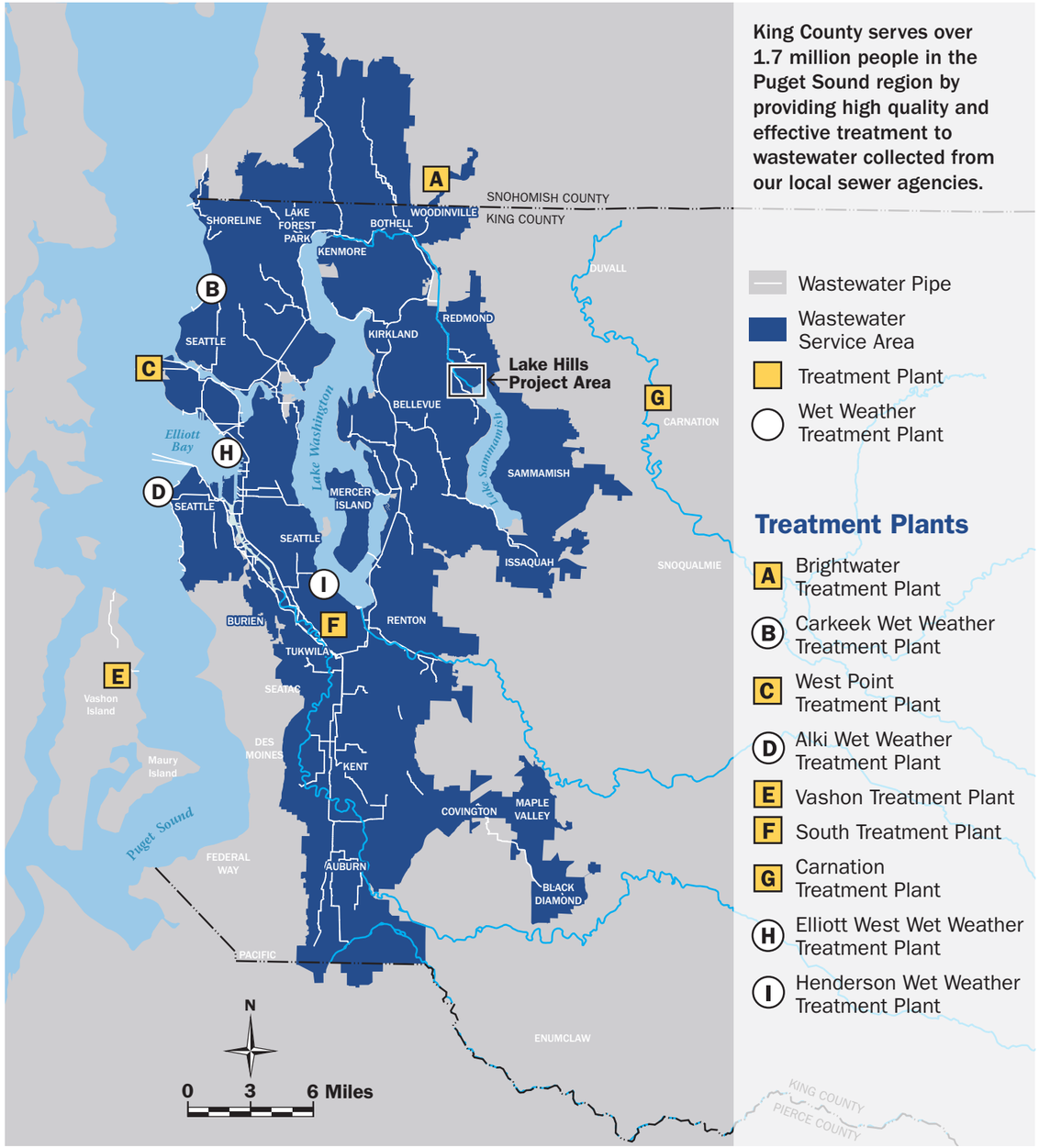
About King County Wastewater Treatment Division



King County serves over 1.7 million people in the Puget Sound region by providing high quality and effective treatment to wastewater collected from our local sewer agencies.

- Wastewater Pipe
- Wastewater Service Area
- Treatment Plant
- Wet Weather Treatment Plant

Treatment Plants

- **A** Brightwater Treatment Plant
- **B** Carkeek Wet Weather Treatment Plant
- **C** West Point Treatment Plant
- **D** Alki Wet Weather Treatment Plant
- **E** Vashon Treatment Plant
- **F** South Treatment Plant
- **G** Carnation Treatment Plant
- **H** Elliott West Wet Weather Treatment Plant
- **I** Henderson Wet Weather Treatment Plant

How else should we communicate with you? Let us know!

- Visit the project website at ***www.kingcounty.gov/KCRedmondSewer***
- Sign up for email updates on our website, by calling **206-477-8621**, or by emailing **kelly.foley@kingcounty.gov**
- Enroll in text alerts: text **KING REDMONDSEWER** to **486-311**

Alternate formats available upon request. Please call 206-477-8621 or TTY: 711.

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King County
Department of
Natural Resources and Parks
Wastewater Treatment Division

Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Updated Spring 2019

Providing sewer service for a growing community

If you live, work or go to school in Redmond, you use King County's Lake Hills and NW Lake Sammamish sewer pipe every day. Each time you flush a toilet, run a faucet or take a shower, water travels down your drain. From there, the water travels through City pipes and this sewer pipe to Brightwater Treatment Plant in Woodinville. The water is cleaned at the treatment plant. Afterwards, the clean water is released to Puget Sound.

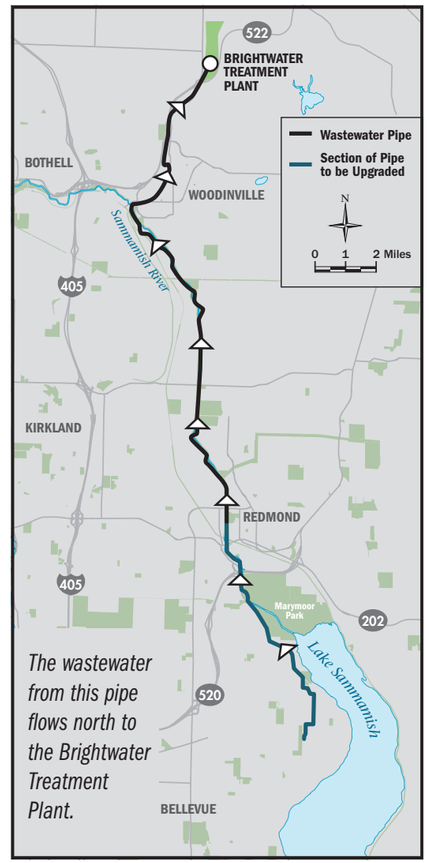
The Lake Hills/NW Lake Sammamish sewer pipe was built in the 1950s and 1970s. The pipe needs to be replaced because it is too small and reaching the end of its service life.

King County is working on a project to upgrade this 4.5-mile-long pipe. Construction is expected to begin in 2021. When complete, the new pipe will provide sewer service for another 50 years or more.

Designing around a legacy of the past

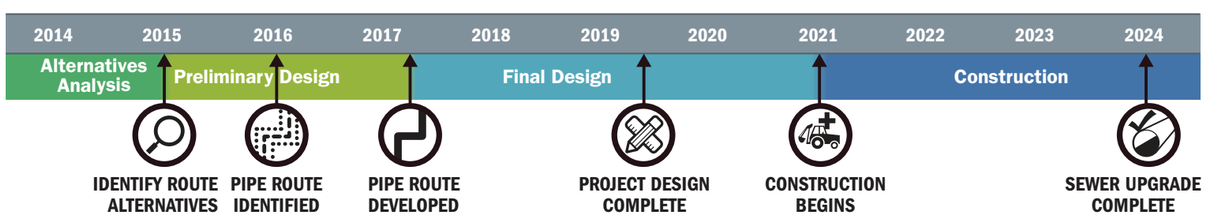
Today's engineers design around a legacy from the past. Fifty years ago, the Lake Hills/NW Lake Sammamish sewer pipe was installed in an area that looked a lot different from today. The new sewer pipe will be installed in about the same location as the existing pipe because it:

- Allows sewage to flow through the pipes using gravity
- Limits impact to sensitive environmental areas
- Avoids many other utilities, homes and businesses that have built up around the sewer pipe



The wastewater from this pipe flows north to the Brightwater Treatment Plant.

Lake Hills and NW Lake Sammamish Sewer Upgrade Project *TIMELINE*



**This is an estimated project timeline and is likely to shift over the course of the project.*

Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Project area and sewer pipe alignment

We'll be with you every step of the way

King County is committed to working with you throughout the project to keep you informed of progress.

Throughout final design

We will provide information about where the new sewer line will be located relative to existing roads, trails, homes, parks and sensitive environmental areas. We will also share how we plan to build the new sewer line and what you can expect during construction. As this information is shared, we will work with you to identify ways we can reduce disruption to your community during construction.

How we build

We will build most of the new sewer pipe using an open-trench construction method. Open trench construction is the most common method used for installing pipes and is preferred for shallow work zones. It will require us to dig a trench from the surface to install the pipe.

Where necessary, a trenchless method will be used to protect environmentally sensitive areas, such as when the pipe crosses under the Sammamish River.

Construction starts in 2021

Sewer construction will take about three years to complete. The 4.5 mile alignment will be completed in sections to reduce impacts to the community. We will share a more detailed construction schedule after we hire a contractor in late 2020.

Keeping you informed

King County recognizes that construction can be disruptive to those who live, work or play nearby. Our goal is to let you know about upcoming construction activities so you can plan ahead. Some of the ways we will work to get you the information you need include:

- Community meetings and briefings
- Newsletters mailed to your house
- Regular email and text updates
- Fliers at your door
- Signage around your community
- Social media updates
- A 24-hour construction hotline
- Prompt, individualized response to all inquiries
- Project representation at fairs, festivals and community events

An example of open-trench construction.

We will use microtunneling to cross under the Sammamish River.

Member of the project team sharing information at Bike Everywhere Day in 2018.