

Armondo Pavone
Mayor



Public Works Department Martin Pastucha, Administrator

Name
Address
City State Zip

Kennydale Lakeline Sewer System Improvements Project

This letter is to notify you that the City of Renton is proceeding with the replacement of the Kennydale Lakeline Sewer System with a new land-based sewer system. The city team and the consultant will start field work for preliminary design of a new sewer system beginning the week of January 18. The survey crew will contact property owners in order to gain property access for survey purposes. Please note that we will follow all COVID-19 protocols during our site visits and will coordinate with you before we visit. Please contact me by phone at 425-430-7279 or by email at JHobson@RentonWA.gov if you have any questions.

BACKGROUND

As you may know, the City of Renton has been reviewing the condition of the aging Kennydale Lakeline Sewer System to determine the best solution for providing long-term sewer service to your property. The Kennydale Lakeline Sewer System was constructed in 1972 to provide sanitary sewer service to the lakefront homes along Lake Washington from the north end of Coulon Beach Park to the south end of what was Barbee Mill, and is now a townhome development named after Barbee Mill.

From 2016-2018, the Wastewater Utility conducted an assessment of the Kennydale Lakeline, which included an attempt to clean and video inspect the entire system in 2018. Due to its location, varying water depth and the original construction methods used, we were only successful in cleaning and inspecting approximately 80 percent of the system.

The Wastewater Utility has also been actively engaged with a multi-agency workgroup that has been studying the problems associated with in-water sewer systems. Many of our neighboring communities have similar concerns about maintaining sewer mains that are under water.

As a result of the 2018 assessment, which included cleaning and inspection, our current participation in the in-water sewer workgroup and the historical attempts to maintain this system, the Wastewater Utility has reached the following conclusions:

1. The majority of this sewer system cannot be reached by land-based maintenance vehicles.
2. Approximately 250 feet of the southern portion of this system cannot be reached from land or water. The main is so close to the shoreline that the water depth is inadequate to allow for water-based access and homes prevent access from land.
3. Approximately 840 feet of the system centered on the Kennydale Beach Park cannot be cleaned or inspected due to limited access, sags in the pipeline, and bends at pipe joints which prevent the passage of a video camera and jetter hose.
4. Debris, including failed portions of the existing cast-iron pipe's cement lining, remain in the pipeline.
5. Due to the inability to rapidly access this system, any blockage that may occur within that portion of the pipeline that is located under the lake could take a long time to locate and clear.
6. Current environmental regulations and permitting highly discourage the use of in-water sewer systems.

Therefore, the Wastewater Utility has determined that the best solution to continue to serve the lake side homes and provide a sewer system that is maintainable is to construct a new system that is not located in the lake.

We have done our best to update our list of existing property owners along the lake. If you are a new resident or you have changed your contact information since we were in contact with you in 2018, please email me at jhobson@rentonwa.gov with your updated contact information so that we may keep you informed of the progress of this project.

For updates as this project progresses, please visit the City of Renton's webpage at rentonwa.gov/Lakeline.

Sincerely,

John Hobson

John Hobson
Project Manager, Wastewater Utility
425-430-7279

