

Wastewater Pump Station Program



The City maintains the wastewater system in a manner which protects human health and the environment, the public investment, ensures compliance with state and federal mandates, and ensures that reliable service is available to all customers of the City utility system.

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What: Replace or rehabilitate ten wastewater pump stations in six years. The Sewer Utility owns and operates 23 pump stations throughout its service area.

When: Now–2025

Why: If a pump station fails there is a risk that raw sewage will back up into homes or businesses, or overflow into Lake Sammamish and other natural waterways. Ten out of the 23 wastewater pump stations are at, or past, their useful life. Mechanical and electrical equipment in pump stations usually lasts 20–30 years. Some of the pump stations are over 30 years old, some are failing now, and some have equipment for which replacement parts are no longer available.

How: The sewer pump stations will be replaced using sewer rates, development connection charges, and bonded debt so that the stations are in good working order by 2025.

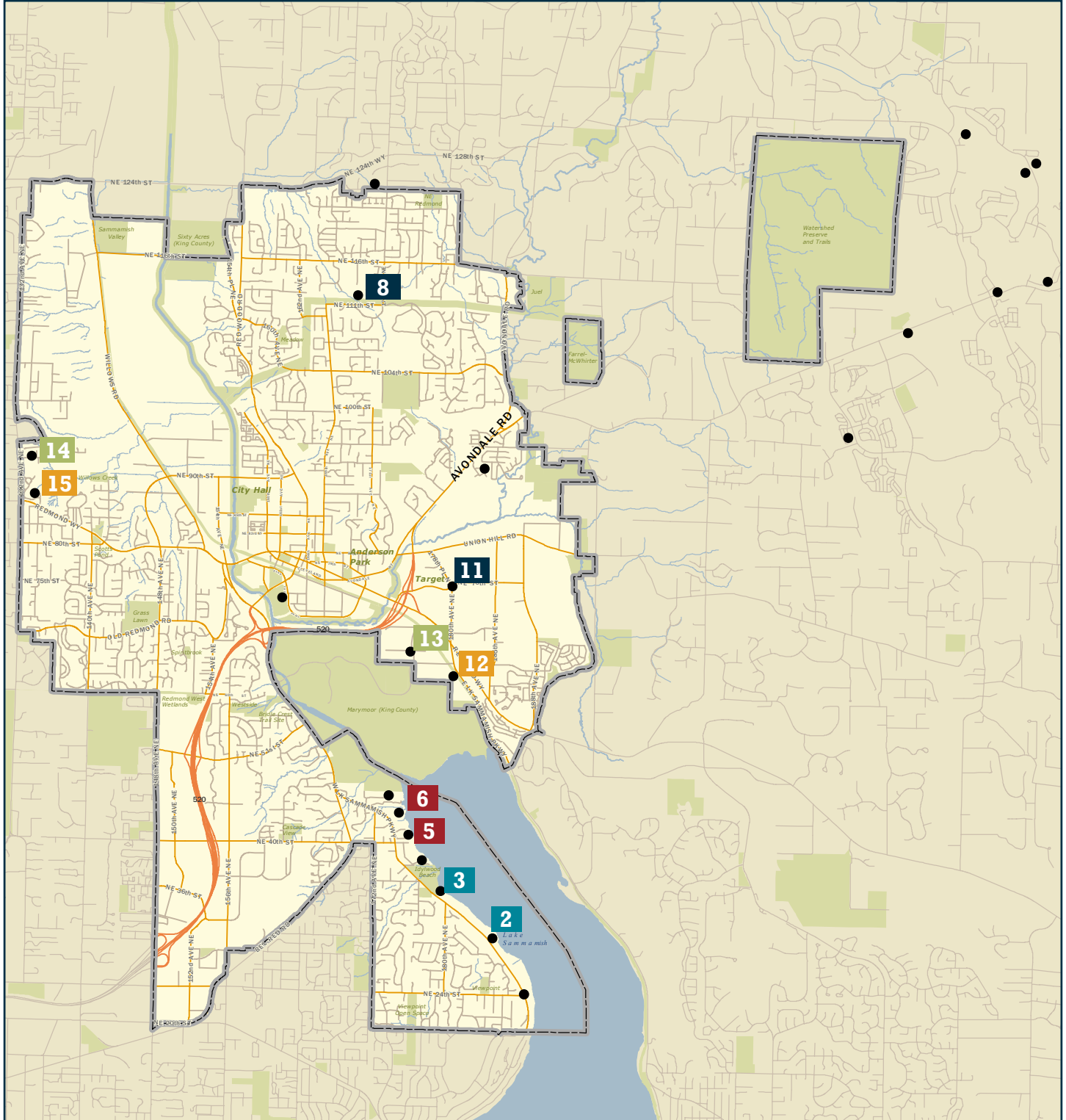
Cost: \$44 million. All lift stations projects are funded by the Sewer Utility Capital Improvement Program.



What is a pump station?

Due to hills and valleys in the landscape, sewer systems include locations where sewage needs to be pumped from low points to higher elevations, from which it will ultimately flow via gravity to a King County treatment plant. Once sewage arrives at the treatment plant it is treated and discharged to Puget Sound.

Wastewater Pump Stations Six Year Plan:



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