



- Action  
 Information  
 Discussion

**DATE:** January 7, 2021  
**TO:** Environmental Services Commission  
**FROM:** Angela Chung, Sr. Engineer, Utilities Planning  
**SUBJECT:** Lake Washington Sewer Lake Line Management Plan Update

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### **Action Required at this Time**

None. This is an information briefing only.

### **Fiscal Impact**

The Lake Washington Sewer Lake Line Management Plan is an approved project under the current CIP and is included in the 2021-2027 Capital Investment Plan proposal under the Wastewater portfolio's C-58 Lake Line Program budget.

### **Policy Issues**

No policy issues are included in this briefing; however, future ESC briefings on the Lake Washington Sewer Lake Line Management Plan resulting from the study, may include policy issues.

### **Background**

The City of Bellevue's 'Lake Lines' are a portion of the sewer system in which sewer pipes are located along the shorelines of Lake Washington and Lake Sammamish and are either underwater or are on land adjacent to the lakes. Approximately 14.6 miles of the Lake Lines run along the Lake Washington shoreline, through the waterfronts of Bellevue, Medina, Hunts Point, Yarrow Point, Beaux Arts Village and a small portion of unincorporated King County. The Lake Washington Lake Line system includes ten pump stations and eight flush stations. Most of the Lake Washington Lake Lines were constructed in the 1950s – 60s to prevent raw sewage from being directly discharged into the lake.

This project is to create a Lake Washington Sewer Lake Line Management Plan. This plan is needed to understand, identify, and prioritize key issues present in the system and phase future repair, replacement and continued condition assessment of the Lake Lines. This, in turn will drive short, and long term financial strategies for funding the Lake Lines program for many decades to come, and will drive both operational strategies and capital improvement projects.

On Tuesday, January 21, 2020, City Council approved a consultant contract with Carollo for professional services to assist Bellevue Utilities with the development of Lake Washington Sewer Lake Line Management Plan.

The Management Plan Project has made substantial progress in 2020. The team has accomplished the following:

1. Located and compiled existing Lake Line as-builts and data,
2. Defined Lake Line service areas for the study,
3. Began studying criticality for prioritization of the reaches,
4. Attended workshops to compile a toolbox of rehabilitation/replacement options for each reach,
5. Develop a Public Outreach Plan and outreach materials: a Lake Line web page, an online open house forum, mailers,
6. Organize and run three multi-agency workshops to engage and share ideas with other agencies that own underwater wastewater lines.

### **Attachments**

n/a