

## MEMORANDUM

To: Ruji Ding, Senior Development Engineer  
City of Mercer Island

From: Alan Jacobson, PE  
Jacobson Consulting Engineers

Date: January 6, 2026

Subject: Barnabie Point Project  
Existing Storm Drainage System

The video inspection of the existing stormwater drainage system from the proposed project connection point downstream to the lake was reviewed to evaluate the condition and capacity of the system for the Barnabie Point Project.

Based on the video footage provided, the stormwater system appears to be in good working condition along the entire length. The pipes are continuous and show no visible signs of structural issues such as cracking, deformation, or joint separation. No significant debris, sediment buildup, or obstructions were observed.

The observed pipe size and condition indicate that the system is adequately sized to convey stormwater to the lake. Based on this review, the existing drainage system has sufficient capacity to accommodate the proposed project connection and is expected to continue to function as intended.