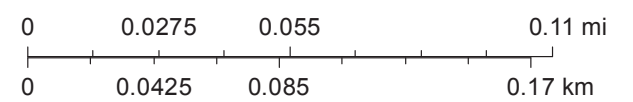


WWPS043 Emergency FM Replacement



1:2,400



Wastewater Pump Station 43 is located at 5635 Seaview Ave NW in the Ballard neighborhood. It was built in 1958 and serves the NPDES 059 combined sewer basin. Under normal operation, this station has a peak capacity of 4.5 MGD of flow across Salmon Bay directly to King County Metro's Fort Lawton Tunnel via a 1,950 foot long 12-inch diameter cast iron force main.

A late 2017 breach in the underwater portion of the pipe resulted in shutdown of the pipe, investigation to repair and flow bypassing. Investigations concluded that the underwater portion of the pipe needs to be replaced.

Currently, flow is being bypassed to the adjacent basin (east); however, only dry weather flows are captured due to downstream basin constraints. Wet weather events result in a Combined Sewer Overflow (CSO) from Outfall 59 (NPDES 059).

SPU has declared this an emergency project and is fast-tracking design and construction. An alignment for a replacement pipe has been identified (red) to the west of the existing alignment (yellow). Unopened City right-of-way is shown in red hatching.