



UTILITY BOARD STAFF REPORT

Item 2
March 12, 2024
Regular Business

AGENDA ITEM INFORMATION

TITLE:	Stormwater Operations & NPDES Update	<input checked="" type="checkbox"/> Discussion Only <input type="checkbox"/> Action Needed: <input type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution
RECOMMENDED ACTION:	Receive report.	

STAFF:	Brian Hartvigson, ROW & Stormwater Manager Deeqa Roble, Stormwater Quality Technician
COUNCIL LIAISON:	Jake Jacobson
EXHIBITS:	n/a

SUMMARY

At Tuesday’s meeting, Stormwater operations staff will update the Utility Board regarding the current stormwater maintenance program, as well as an overview of the NPDES Phase II Stormwater Permit.

BACKGROUND

The City’s Stormwater Utility is responsible for managing, maintaining, and improving the stormwater conveyance systems on Mercer Island. The result is improved stormwater quality at outfalls entering Lake Washington and reduced localized flooding and erosion on the Island. The conveyance system is comprised of more than 5,500 stormwater catch basins, 83 miles of piped conveyance, and 357 outfalls to Lake Washington. The Stormwater Utility team is made up of five full-time staff members, several of whom also support Right-of-Way (ROW) operations: ROW/Stormwater Operations Manager, ROW/Stormwater Foreman, Stormwater Crew Lead, Stormwater Team Member, and Stormwater Quality Technician.

DISCUSSION

Much of the maintenance and operations work performed by the Stormwater team is guided by regulatory requirements from the City’s National Pollution Discharge Elimination Permit (NPDES) Phase II Stormwater permit. NPDES is an ongoing program to protect and improve stormwater quality, which the City has been operating under since 2007. The permit requires cities to implement several minimum control measures, including stormwater planning, public education, and involvement, controlling runoff from new and redevelopment, mapping and documentation, municipal maintenance operations, illicit discharge detection and elimination, and the source control program enforcing Best Management Practices at local businesses.

Staff will present information on the current operations work program and plans for new program elements in the coming year.

RECOMMENDED ACTION

Receive report.