

Wastewater Treatment and Conveyance System Compliance Events - Permit Requirement Exceedances Involving Process Disruption												
Facility	2022											2023
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Wastewater Treatment Plants (e.g., effluent limit exceedance, unpermitted discharges)												
West Point												
South Plant												
Brightwater												
Vashon												
Carnation												
CSO Treatment Facilities (e.g., effluent limit exceedance, disinfection failure)												
Henderson/MLK CSO		*	*	*	*	*	*	*	*	*	*	*
Alki CSO		*	*	*	*	*	*	*	*	*		*
Carkeek CSO	<i>a</i>	*	*	*	*	*	*	*	*	*	<i>c</i>	*
Elliott West CSO	<i>b</i>	*	<i>b</i>	*	<i>b</i>	*	*	*		<i>b</i>	<i>b</i>	*
West Section Conveyance System												
Unpermitted Overflows												
East Section Conveyance System												
Sanitary Sewer Overflow												

Notes:

1	Number of process disruption events in any month where exceedances occur.
	Represents any month where no events occurred, or if any non-compliance occurred it was unrelated to process disruption.
	Non-compliance occurred and involved process disruption; however, repair/solution is known and the incident response and correction was immediate.
	Non-compliance involving process disruption, and evaluation and corrective action includes substantial effects on residents and businesses, level of effort and time to resolve, or costs to system operations.
*	Monitoring period characterized by sufficiently low flow conditions that the CSO treatment facility did not operate with a discharge to the outfall at any time in the month.

- a* The Carkeek wet weather treatment station experienced a disinfection failure similar to an event in January 2022, with hypochlorite pumps operating but failing to continuously deliver hypochlorite. The pumps are being rebuilt, a temporary portable hypochlorite pumping system was installed as a backup until pumps are returned to service, and two spare pumps are being purchased.
- b* Effluent limit exceedances at Elliott West associated with process control performance; a planning and facility improvements process is underway.
- c* The Carkeek wet weather treatment station experienced a disinfection failure when a water level detection system (bubbler) failed resulting in the hypochlorite disinfection to not engage. Operators responded and reset the equipment.