

Penrose Point

Annual Shellfish Growing Area Review



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Area: Penrose Point

Year Ending: December 31, 2023

Classification: Approved, Prohibited

Activities in the Growing Area in 2023

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria.

A project to combine two large on-site sewage systems (LOSS) and improve wastewater treatment at Penrose Point State Park was completed and approved. Prior to the project, the LOSS that received and treated sewage from the boat pumpout was having nitrogen issues, so the pumpout was disconnected in 2019 until the LOSS construction project was completed. The new system was designed to accommodate flows from the pumpout. However, the boat pumpout at Penrose Point State Park remains out of service.

The Lakebay Marina redevelopment project in Mayo Cove is still in the planning stage. Washington Department of Natural Resources staff reported the docks have been removed and facilities are closed to the public. It will be a while before any in-water or over-water work is completed except for piling/pier work if funding is available. Public outreach is planned for spring 2024, and more information will be available at that time.

Analytical Results of Water Samples

Table 1 summarizes the results of the last 30 samples collected from the area. This summary shows that all stations pass the NSSP water quality standard.

Change in Actual Pollution Sources that Impact the Growing Area

A project to combine two LOSS and improve wastewater treatment at Penrose Point State Park has been completed. The boat pumpout at Penrose Point State Park remains out of service. According to park staff, currently, there aren't plans to restore pumpout service at the park. These activities do not impact the classification of the growing area.

Classification Status

- Well within the classification standards
- Meets standards, but threatened with downgrade in classification
- Fails to meet current classification standards

Remarks and Recommendations

Table 1 shows that all stations meet the NSSP water quality standard for an Approved classification and the area is correctly classified. The Department should track the status of the boat pumpout at Penrose Point State Park and monitor facility upgrades at Lakebay Marina and potential impacts to the growing area.

TABLE 1. Summary of Marine Water Data (SRS) for the Penrose Point Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
295	Approved	3/13/2019 - 11/20/2023	1.7 - 4.5	1.8	2.5	Y
296	Approved	12/3/2015 - 11/20/2023	1.7 - 4.5	1.8	2.2	Y
573	Approved	10/5/2016 - 11/20/2023	1.7 - 6.8	2.0	3.2	Y
595	Approved	3/13/2019 - 11/20/2023	1.7 - 17.0	2.2	4.3	Y
596	Approved	3/13/2019 - 11/20/2023	1.7 - 49.0	2.4	6.4	Y
640	Approved	12/3/2015 - 11/20/2023	1.7 - 17.0	3.4	9.8	Y
641	Approved	12/3/2015 - 11/20/2023	1.7 - 23.0	2.4	6.1	Y
642	Approved	12/3/2015 - 11/20/2023	1.7 - 13.0	3.1	7.3	Y

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Penrose Point Growing Area

