

Penrose Point

Annual Shellfish Growing Area Review



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Area: Penrose Point

Year Ending: December 31, 2021

Classification: Approved, Prohibited

Activities in the Growing Area in 2021

The Active portion of the growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria, including Stations 295, 595, and 596 near Penrose Point State Park. Stations 296, 640, 641, 642, and 573 were in Inactive status, and all were sampled twice. The Inactive stations are due to become Active in January 2022. No additional activities have been documented in the growing area.

Analytical Results of Water Samples

Table 1 summarizes the results of the most recent 30 samples collected from each marine water station. This summary shows that all stations meet the NSSP water quality standard.

Change in Actual Pollution Sources that Impact the Growing Area

In December 2021, the Washington State Department of Natural Resources and the Recreational Boating Association of Washington Marine Parks Conservancy finalized their joint purchase of the Lakebay Marina and 2.8 acres of upland and tideland property in Mayo Cove. Plans for upgrades include new recreation and picnic areas, public restrooms, recreational moorage, and vessel pump-out and fueling facilities.

Classification Status

- Well within the classification standards
- Meets standards, but some concerns
- 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 standards for an Approved classification and the area is correctly classified. The Department should monitor facility upgrades at the 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	3/7/2017 - 11/4/2021	1.7 - 4.5	1.8	2.5	Y
296	Approved	2/5/2014 - 9/22/2021	1.7 - 23.0	1.9	3.7	Y
573	Approved	12/2/2014 - 9/22/2021	1.7 - 6.8	2.1	3.7	Y
595	Approved	3/7/2017 - 11/4/2021	1.7 - 17.0	2.2	4.6	Y
596	Approved	6/27/2016 - 11/4/2021	1.7 - 49.0	2.5	6.5	Y
640	Approved	2/5/2014 - 9/22/2021	1.7 - 14.0	3.8	10.8	Y
641	Approved	2/5/2014 - 9/22/2021	1.7 - 23.0	2.5	6.5	Y
642	Approved	2/5/2014 - 9/22/2021	1.7 - 33.0	3.7	10.8	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

