

Penrose Point

Annual Shellfish Growing Area Review



Prepared By: Liz Maier

Area: Penrose Point

Year Ending: December 31, 2024

Classification: Approved, Prohibited

Activities in the Growing Area in 2024

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

The Lakebay Marina redevelopment project in Mayo Cove was still in the planning stage in 2024. The upland property has been open to the public for day use, but overwater structures are closed to the public, and septic systems are not in use.

The boat pumpout at Penrose Point State Park remained out of service in 2024, because parts are not available for it anymore. A project to install a new dock at the park is in the permitting phase. The design may include replacing the pumpout at the park's dock or moving the pumpout to the Lakebay Marina property.

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

We currently have no information indicating that the area has new sources of pollution.

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	4/27/2020 - 12/4/2024	1.7 - 4.5	1.8	2.5	Y
296	Approved	12/6/2016 - 12/4/2024	1.7 - 4.0	1.7	2.1	Y
573	Approved	4/3/2018 - 12/4/2024	1.7 - 6.8	1.9	3.0	Y
595	Approved	4/27/2020 - 12/4/2024	1.7 - 17.0	2.2	4.3	Y
596	Approved	4/27/2020 - 12/4/2024	1.7 - 49.0	2.5	8.0	Y
640	Approved	12/6/2016 - 12/4/2024	1.7 - 17.0	3.0	8.2	Y
641	Approved	12/6/2016 - 12/4/2024	1.7 - 23.0	2.2	4.7	Y
642	Approved	12/6/2016 - 12/4/2024	1.7 - 13.0	2.8	6.3	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.

