

Oro Bay

Annual Shellfish Growing Area Review



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Area: Oro Bay

Year Ending: December 31, 2022

Classification: Approved, Prohibited

Activities in the Growing Area in 2022

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. A routine shoreline survey was conducted, and no Direct or Indirect Impacts were identified.

A site visit occurred in January at the Oro Bay marinas. Based on the boat usage evaluation of these marinas, a Conditionally Approved classification (seasonal closure from May to September) and a smaller Prohibited area could be considered if there is interest in commercial harvest in this area.

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 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 standard for an Approved classification and the area is correctly classified.

TABLE 1. Summary of Marine Water Data (SRS) for the Oro Bay 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
254	Approved	1/31/2018 - 11/7/2022	1.7 - 9.3	2.1	3.7	Y
255	Approved	1/31/2018 - 11/7/2022	1.7 - 7.8	2.0	3.3	Y
257	Approved	1/31/2018 - 11/7/2022	1.7 - 21.0	2.4	5.5	Y
258	Approved	1/31/2018 - 11/7/2022	1.7 - 7.8	2.2	4.1	Y
259	Approved	1/31/2018 - 11/7/2022	1.7 - 33.0	2.0	4.1	Y
555	Approved	1/31/2018 - 11/7/2022	1.7 - 17.0	2.6	5.9	Y
554	Prohibited	1/31/2018 - 11/7/2022	1.7 - 22.0	2.4	5.4	Y
778	Unclassified	1/31/2018 - 11/7/2022	1.7 - 17.0	2.7	6.3	Y

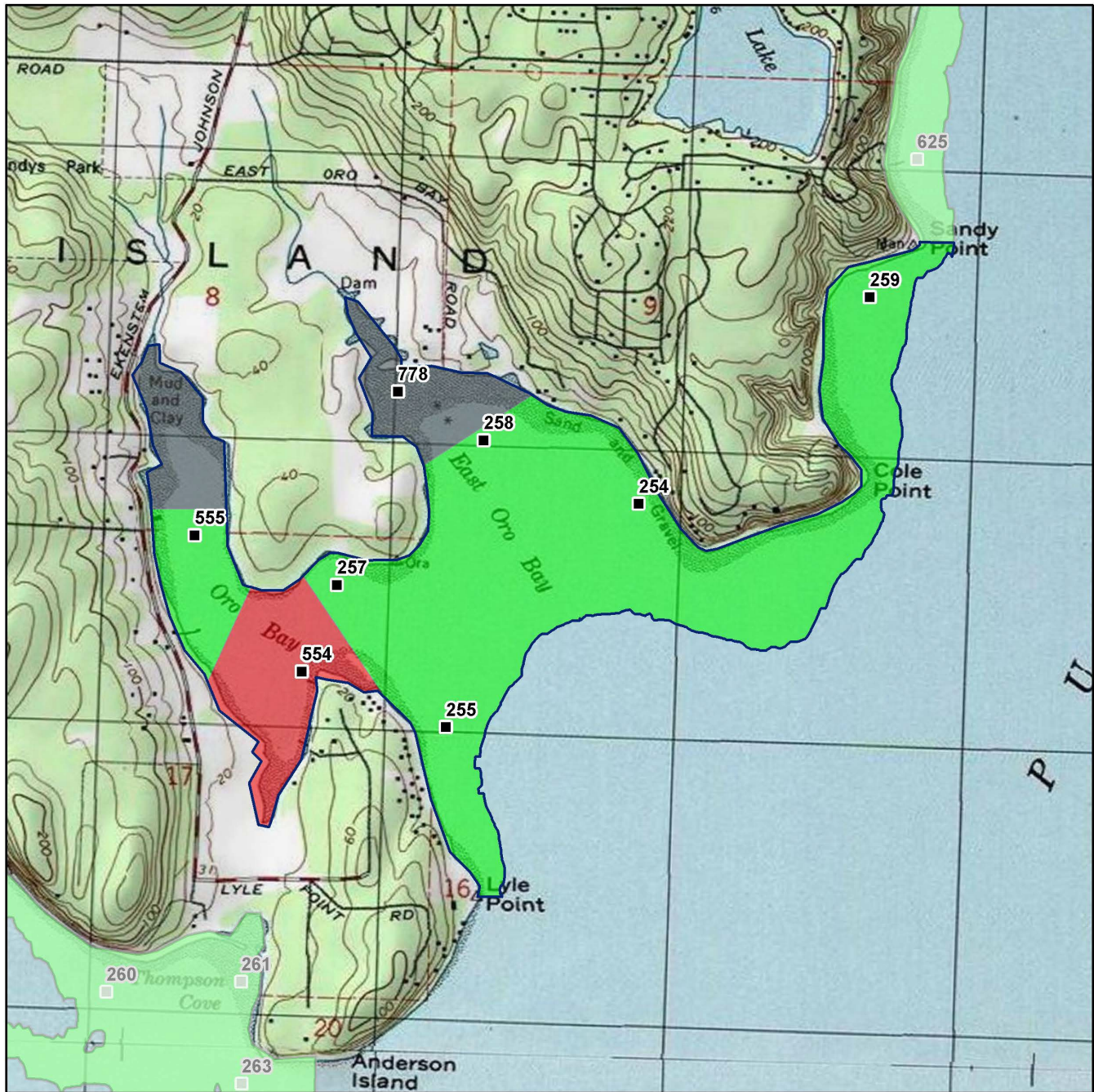
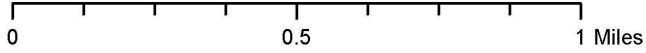
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Oro Bay Growing Area

Oro Bay

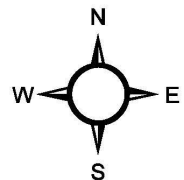


Date Updated: 7/11/2018



- Classification**
- Approved
 - Conditional
 - Prohibited
 - Restricted
 - Unclassified

Sampling Stations



* Some sampling stations are highlighted with grey box for ease of reading.