

Oak Bay

Annual Shellfish Growing Area Review



Prepared By: Patrick Biondo

Area: Oak Bay

Year Ending: December 31, 2024

Classification: Approved

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.

In 2024, a routine three-year shoreline evaluation was completed and no new or changes in pollution sources were identified. Ongoing elevated bacteria levels associated with Little Goose Creek support the current closure at the mouth of this discharge. Jefferson County Public Health continues to evaluate potential sources in the area. The new OSS for 651 S Bay Way was installed and given final approval by JCPH. As a result, parcel 921294005 was taken out of Closed status.

Jefferson County Public Health received National Estuary Program funds for on-site septic system operation and maintenance (O&M) rebates and to implement a cost-share and grant program for septic system repair, replacement, and decommissioning/abatement in areas with potential to affect the growing area. The County also used Centennial Clean Water Grant and local assessment funding for enhanced septic O&M and pollution identification and correction activities in the region.

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 recommends maintaining a closure zone of the intertidal parcels within 300 feet of the shoreline discharge at the mouth of Little Goose Creek until JCPH can identify the pollution source(s) responsible and post-corrective follow-up samples confirm the creek has improved water quality.

TABLE 1. Summary of Marine Water Data (SRS) for the Oak Bay Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

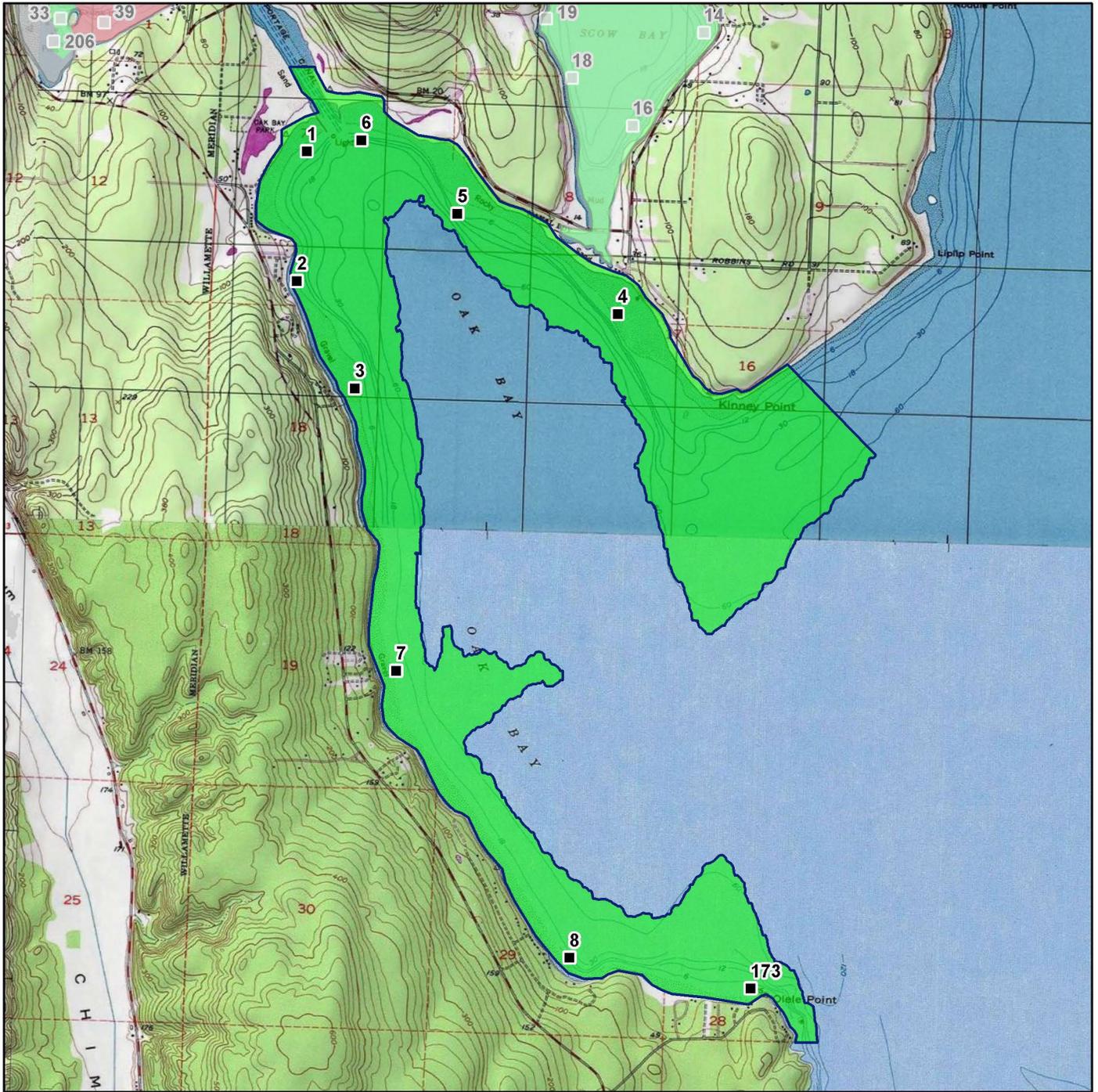
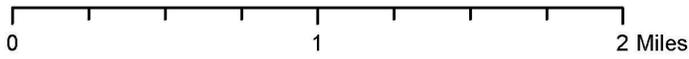
Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
1	Approved	2/6/2020 - 12/16/2024	1.7 - 7.8	1.8	2.6	Y
2	Approved	2/6/2020 - 12/16/2024	1.7 - 13.0	1.8	3.0	Y
3	Approved	2/6/2020 - 12/16/2024	1.7 - 4.5	1.8	2.2	Y
4	Approved	2/6/2020 - 12/16/2024	1.7 - 1.7	1.7	1.7	Y
5	Approved	2/6/2020 - 12/16/2024	1.7 - 1.7	1.7	1.7	Y
6	Approved	2/6/2020 - 12/16/2024	1.7 - 2.0	1.7	1.8	Y
7	Approved	2/6/2020 - 12/16/2024	1.7 - 1.7	1.7	1.7	Y
8	Approved	2/6/2020 - 12/16/2024	1.7 - 4.5	1.8	2.3	Y
173	Approved	2/6/2020 - 12/16/2024	1.7 - 2.0	1.7	1.9	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.

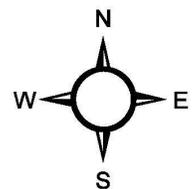
MAP 1. Oak Bay Growing Area



Date Updated: 7/11/2018



Classification		Sampling Stations
	Approved	
	Conditional	
	Prohibited	
	Restricted	
	Unclassified	



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