

Westcott Bay

Annual Shellfish Growing Area Review



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Area: Westcott Bay

Year Ending: December 31, 2021

Classification: Approved

Activities in the Growing Area in 2021

The growing area was sampled a minimum of six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. A routine shoreline survey was completed that identified one Indirect Impact from nonpoint pollution. A 1050-foot radius closure zone was created encompassing 13 parcels until the pollution sources are confirmed and mitigated by San Juan Environmental Health.

San Juan Island Conservation District received National Estuary Program grant funding to conduct water quality monitoring and provided agriculture technical assistance and BMPs.

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

As mentioned above, one Indirect Impact was identified. This resulted in creating a 1050-foot radius closure zone in Westcott Bay until San Juan Environmental Health and San Juan Island Conservation District confirm and mitigate pollution sources.

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 Approved stations meet the NSSP water quality standard and the area is correctly classified.

TABLE 1. Summary of Marine Water Data (SRS) for the Westcott 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
3	Approved	1/11/2017 - 11/17/2021	1.7 - 49.0	2.3	5.8	Y
4	Approved	1/11/2017 - 11/17/2021	1.7 - 70.0	3.6	14.0	Y
5	Approved	1/11/2017 - 11/17/2021	1.7 - 33.0	2.7	7.4	Y
6	Approved	1/11/2017 - 11/17/2021	1.7 - 49.0	3.2	12.8	Y
7	Approved	1/11/2017 - 11/17/2021	1.7 - 49.0	3.2	12.6	Y
8	Approved	1/11/2017 - 11/17/2021	1.7 - 49.0	3.0	10.5	Y
9	Approved	1/11/2017 - 11/17/2021	1.7 - 130.0	3.1	13.2	Y
1	Unclassified	1/11/2017 - 11/17/2021	1.7 - 4.5	1.9	2.8	Y
2	Unclassified	1/11/2017 - 11/17/2021	1.7 - 17.0	2.3	5.1	Y
11	Unclassified	1/11/2017 - 11/17/2021	1.7 - 34.0	3.1	9.7	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. Westcott Bay Growing Area

