

# Similk Bay

## Annual Shellfish Growing Area Review



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Area: Similk Bay

Year Ending: December 31, 2021

Classification: Approved

### Activities in the Growing Area in 2021

The growing area was sampled a minimum of five times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Package carrier failed to deliver samples for all stations except 421 and 422 in October and staffing/COVID issues did not allow the sampling event to be made up. A shoreline survey was conducted as part of a routine re-evaluation of the growing area and in response to a harvest request to the south of the eastern shoreline. No Direct or Indirect Impacts were identified. The growing area was closed for six days in November due to Skagit River flooding.

### 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. Stations 421 and 422 have 17 samples.

### 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 Similk 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 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
97	Approved	9/13/2016 - 12/13/2021	1.7 - 13.0	2.0	3.5	Y
98	Approved	9/13/2016 - 12/13/2021	1.7 - 4.5	1.8	2.5	Y
99	Approved	9/13/2016 - 12/13/2021	1.7 - 49.0	2.4	7.0	Y
100	Approved	9/13/2016 - 12/13/2021	1.7 - 350.0	2.5	11.1	Y
101	Approved	9/13/2016 - 12/13/2021	1.7 - 33.0	2.0	4.4	Y
102	Approved	9/13/2016 - 12/13/2021	1.7 - 7.8	2.2	4.2	Y
104	Approved	9/13/2016 - 12/13/2021	1.7 - 13.0	2.1	3.8	Y
105	Approved	9/13/2016 - 12/13/2021	1.7 - 33.0	2.4	5.6	Y
96	Unclassified	9/13/2016 - 12/13/2021	1.7 - 46.0	2.0	4.4	Y
421	Unclassified	8/19/2019 - 12/15/2021	1.7 - 2500.0	5.0	96.1	*N/A
422	Unclassified	8/19/2019 - 12/15/2021	1.7 - 7.8	2.0	3.4	*N/A

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.

\* N/A – SRS criteria require a minimum of 30 samples from each station. \*

MAP 1. Similk Bay Growing Area

