

Swinomish

Annual Shellfish Growing Area Review



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Area: Swinomish

Year Ending: December 31, 2023

Classification: Approved, Prohibited

Activities in the Growing Area in 2023

The growing area was sampled five times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. One sampling event was missed due to boat/equipment issues. The area will be sampled seven times in 2024 to make up for the missed sampling event. Approximately 137 acres including Station 414 was reclassified from Prohibited to Approved due marine water quality that met the NSSP standard and a reevaluation of the shoreline freshwater discharges in the area.

There was one precautionary flooding closure for the growing area on 12/5/23 starting at 10:00 PM. The closure was based on the predicted condition of the Skagit River exceeding 30.3 feet; however, the river did not exceed that stage and the area was reopened immediately on 12/6/23.

Analytical Results of Water Samples

Table 1 summarizes the results of the last 30 samples collected from the area. All stations meet NSSP water quality standards.

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

TABLE 1. Summary of Marine Water Data (SRS) for the Swinomish 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
116	Approved	7/17/2018 - 12/11/2023	1.7 - 4.0	1.8	2.2	Y
117	Approved	7/17/2018 - 12/11/2023	1.7 - 2.0	1.7	1.9	Y
119	Approved	9/18/2018 - 12/11/2023	1.7 - 7.8	1.9	3.1	Y
120	Approved	9/18/2018 - 12/11/2023	1.7 - 7.8	1.9	3.0	Y
121	Approved	9/18/2018 - 12/11/2023	1.7 - 11.0	1.9	3.1	Y
122	Approved	7/17/2018 - 12/11/2023	1.7 - 7.8	1.9	2.8	Y
123	Approved	9/18/2018 - 12/11/2023	1.7 - 4.0	1.8	2.2	Y
124	Approved	9/18/2018 - 12/11/2023	1.7 - 4.5	1.8	2.2	Y
125	Approved	9/18/2018 - 12/11/2023	1.7 - 7.8	2.1	3.7	Y
126	Approved	9/18/2018 - 12/11/2023	1.7 - 11.0	2.1	3.8	Y
127	Approved	11/6/2018 - 12/11/2023	1.7 - 33.0	2.7	7.4	Y
128	Approved	9/18/2018 - 12/11/2023	1.7 - 13.0	2.1	3.7	Y
130	Approved	9/18/2018 - 12/11/2023	1.7 - 7.8	2.2	4.2	Y
131	Approved	9/18/2018 - 12/11/2023	1.7 - 4.5	1.8	2.3	Y
414	Approved	5/22/2018 - 12/11/2023	1.7 - 6.8	2.3	4.0	Y
110	Unclassified	9/18/2018 - 12/11/2023	1.7 - 11.0	1.9	3.1	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. Swinomish Growing Area

