

Swinomish

Annual Shellfish Growing Area Review



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Area: Swinomish

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 the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. A routine three-year shoreline evaluation was completed and no new or changes in pollution sources were identified. No additional activities have been documented in the growing 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, and the area is correctly classified. Station 414 should be evaluated for a change in classification due to meeting the NSSP standard for an Approved classification.

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	10/24/2017 - 11/14/2022	1.7 - 4.0	1.8	2.2	Y
117	Approved	10/24/2017 - 11/14/2022	1.7 - 4.5	1.8	2.3	Y
119	Approved	12/12/2017 - 11/14/2022	1.7 - 4.5	1.9	2.8	Y
120	Approved	12/12/2017 - 11/14/2022	1.7 - 7.8	1.9	3.0	Y
121	Approved	12/12/2017 - 11/14/2022	1.7 - 11.0	2.1	3.7	Y
122	Approved	12/12/2017 - 11/14/2022	1.7 - 7.8	2.0	3.3	Y
123	Approved	12/12/2017 - 11/14/2022	1.7 - 4.0	1.8	2.2	Y
124	Approved	12/12/2017 - 11/14/2022	1.7 - 4.5	1.8	2.2	Y
125	Approved	12/12/2017 - 11/14/2022	1.7 - 7.8	2.1	3.7	Y
126	Approved	12/12/2017 - 11/14/2022	1.7 - 11.0	2.2	4.2	Y
127	Approved	12/12/2017 - 11/14/2022	1.7 - 33.0	2.8	7.7	Y
128	Approved	12/12/2017 - 11/14/2022	1.7 - 13.0	2.2	4.2	Y
130	Approved	12/12/2017 - 11/14/2022	1.7 - 7.8	2.2	4.0	Y
131	Approved	12/12/2017 - 11/14/2022	1.7 - 4.5	1.8	2.3	Y
414	Prohibited	8/29/2017 - 11/14/2022	1.7 - 7.8	2.3	4.1	Y
110	Unclassified	12/12/2017 - 11/14/2022	1.7 - 11.0	2.0	3.5	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.

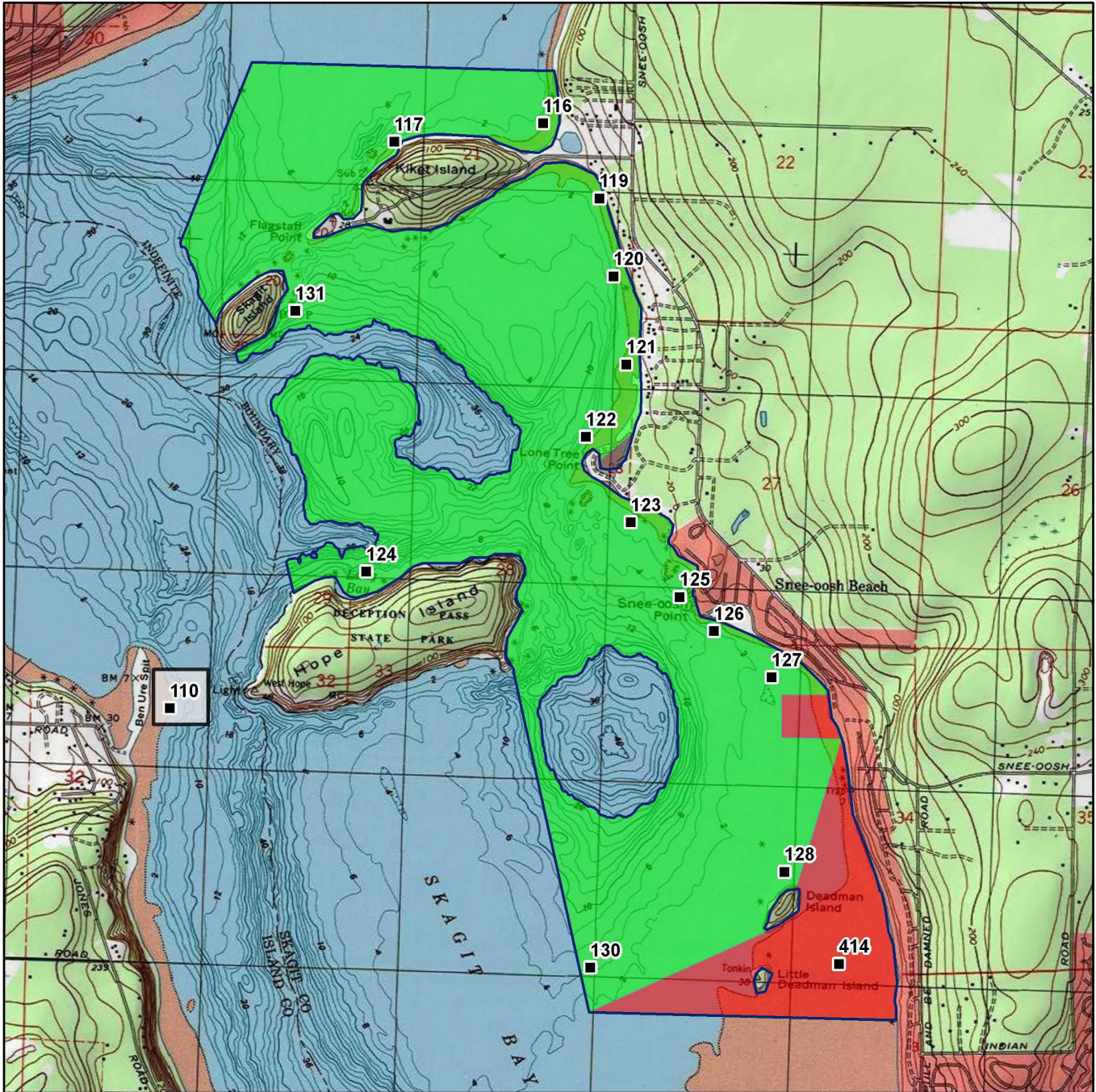
MAP 1. Swinomish Growing Area

 Swinomish

 Washington State Department of Health

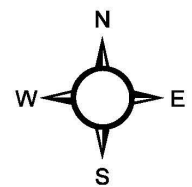
Date Updated: 7/11/2018

0 0.75 1.5 Miles



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

Sampling Stations



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