

Skagit Bay South

Annual Shellfish Growing Area Review



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Area: Skagit Bay South

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 National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria.

Snohomish County used National Estuary Program (NEP) grant funds for on-site septic system (OSS) operation and maintenance incentives, workshops, and low-income OSS repair or replacement grants. Snohomish County Public Works and the Snohomish Conservation District continued pollution identification and control activities in the Skagit Flats.

Washington State Department of Agriculture (WSDA) received NEP funding for enhanced water compliance monitoring and referral and technical assistance for manure management on dairy operations.

Analytical Results of Water Samples

Table 1 summarizes results of the 30 most recent samples collected from each of the sampling stations. All stations meet NSSP standards. Stations 179, 185, and 192 are Concerned. Station 179 is classified as Prohibited; however, this station holds the sanitary line with the Approved portion of the growing area.

Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating the area has any 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 NSSP water quality standards for an Approved classification and the area is correctly classified.

TABLE 1. Summary of Marine Water Data (SRS) for the Skagit Bay South 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
180	Approved	12/27/2017 - 12/19/2022	1.7 - 49.0	4.6	16.6	Y
183	Approved	12/27/2017 - 12/19/2022	1.7 - 49.0	3.8	14.0	Y
184	Approved	12/27/2017 - 12/19/2022	1.7 - 49.0	4.7	18.5	Y
185	Approved	12/27/2017 - 12/19/2022	1.7 - 130.0	5.0	24.7	Y
186	Approved	12/27/2017 - 12/19/2022	1.7 - 33.0	4.3	15.9	Y
187	Approved	12/27/2017 - 12/19/2022	1.7 - 49.0	3.1	11.2	Y
188	Approved	12/27/2017 - 12/19/2022	1.7 - 17.0	2.8	7.9	Y
189	Approved	12/27/2017 - 12/19/2022	1.7 - 79.0	2.8	8.5	Y
190	Approved	12/27/2017 - 12/19/2022	1.7 - 70.0	4.1	16.2	Y
191	Approved	12/27/2017 - 12/19/2022	1.7 - 49.0	2.9	8.6	Y
192	Approved	9/26/2017 - 12/19/2022	1.7 - 49.0	7.1	25.1	Y
269	Approved	12/27/2017 - 12/19/2022	1.7 - 79.0	3.7	14.6	Y
341	Approved	12/27/2017 - 12/19/2022	1.7 - 17.0	2.4	5.0	Y
179	Prohibited	9/26/2017 - 12/19/2022	1.7 - 79.0	4.8	21.0	Y

The standard for Approved shellfish growing waters is a 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. Skagit Bay South Growing Area

