

Skookum Inlet

Annual Shellfish Growing Area Review



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Area: Skookum Inlet

Year Ending: December 31, 2023

Classification: Approved

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 canceled due to an emergency closure in December. The area will be sampled seven times in 2024 to make up for the missed sampling event. The growing area was closed once for five days (12/5/23 – 12/10/23) due to >3 inches of rainfall in 24-hours.

A routine three-year shoreline evaluation was completed. The Department, Mason County Public Health, and the Squaxin Island Tribe evaluated three on-site sewage systems, seven agricultural activities, and sampled five drainages. All drainages had low bacteria levels and no new or changes in pollution sources were identified.

Analytical Results of Water Samples

Table 1 summarizes results of the 30 most recent 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 Skookum Inlet 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
152	Approved	11/27/2018 - 10/2/2023	1.7 - 13.0	2.2	4.5	Y
153	Approved	11/27/2018 - 10/2/2023	1.7 - 11.0	2.1	3.9	Y
154	Approved	11/27/2018 - 10/2/2023	1.7 - 33.0	2.5	6.4	Y
155	Approved	11/27/2018 - 10/2/2023	1.7 - 33.0	2.7	7.4	Y
156	Approved	11/27/2018 - 10/2/2023	1.7 - 33.0	2.5	7.0	Y
157	Approved	11/27/2018 - 10/2/2023	1.7 - 33.0	2.8	8.4	Y
158	Approved	11/27/2018 - 10/2/2023	1.7 - 170.0	3.2	14.2	Y
645	Approved	11/27/2018 - 10/2/2023	1.7 - 140.0	3.4	12.6	Y
646	Approved	11/27/2018 - 10/2/2023	1.7 - 70.0	3.8	13.8	Y

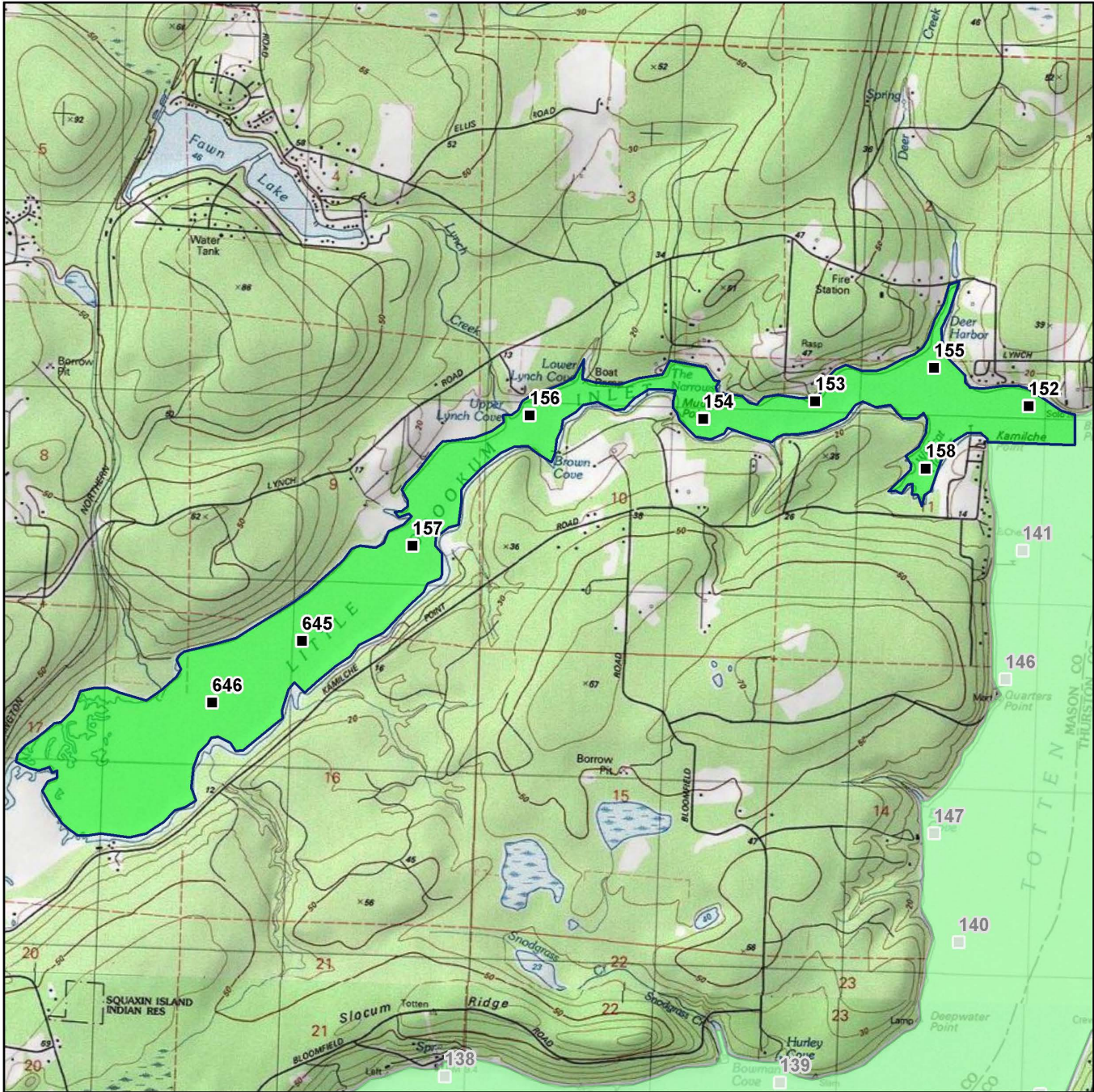
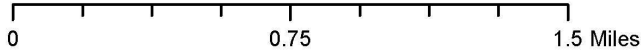
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Skookum Inlet Growing Area

Skookum Inlet

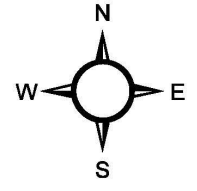


Date Updated: 7/11/2018



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

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