

Lummi Island

Annual Shellfish Growing Area Review



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Area: Lummi Island

Year Ending: December 31, 2022

Classification: Approved

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 criteria. A routine three-year shoreline evaluation was completed. Whatcom County Health Department conducted 331 on-site sewage system evaluations and identified seven failures. The failing systems were repaired or replaced.

Analytical Results of Water Samples

Table 1 summarizes the results of the most recent 30 samples collected from each marine water station. This summary shows that all stations meet 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 for an Approved classification and the area is correctly classified.

TABLE 1. Summary of Marine Water Data (SRS) for the Lummi Island 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
34	Approved	12/13/2017 - 11/15/2022	1.7 - 4.5	1.8	2.5	Y
35	Approved	12/13/2017 - 11/15/2022	1.7 - 13.0	1.9	3.0	Y
36	Approved	12/13/2017 - 11/15/2022	1.7 - 4.5	1.8	2.4	Y
37	Approved	12/13/2017 - 11/15/2022	1.7 - 2.0	1.7	1.8	Y
278	Approved	12/13/2017 - 11/15/2022	1.7 - 2.0	1.7	1.8	Y

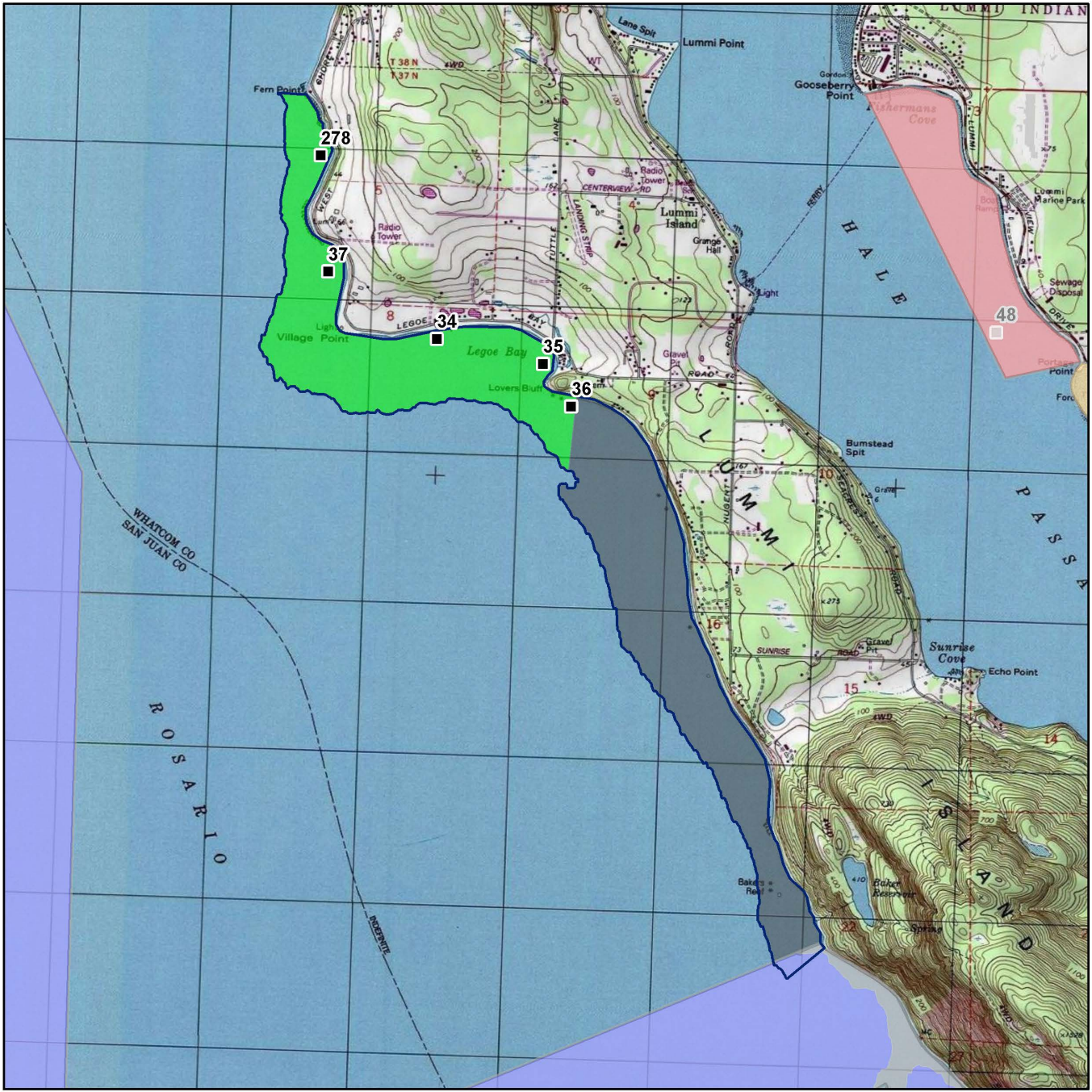
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Lummi Island Growing Area

 Lummi Island

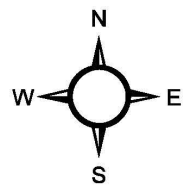
Washington State Department of Health


Date Updated: 7/11/2018



Classification Sampling Stations

-  Approved
-  Conditional
-  Prohibited
-  Restricted
-  Unclassified



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