

Mystery Bay

Annual Shellfish Growing Area Review



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Area: Mystery Bay

Year Ending: December 31, 2022

Classification: Approved, Conditionally Approved

Activities in the Growing Area in 2022

The growing area was only sampled five times during the year due to a boat mechanical issue. This sample event will be made up for early in 2023. Three sampling events occurred during the conditionally open period. The Conditionally Approved portion was closed during the boating season (May 1 through September 30). 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 for an Approved classification and the area is correctly classified.

Management Plan Evaluation

1. Have all parties involved complied with the conditions of the management plan..... Yes
2. Has reporting been adequate to manage the conditional area..... Yes
3. Does the area consistently meet approved area criteria when it is open for harvest Yes
4. Has a field inspection of critical pollution sources been conducted..... Yes

TABLE 1. Summary of Marine Water Data (SRS) for the Mystery Bay 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
27	Approved	11/16/2017 - 10/12/2022	1.7 - 13.0	2.1	4.2	Y
28	Approved	11/16/2017 - 10/12/2022	1.7 - 33.0	2.3	6.4	Y
29	Approved	11/16/2017 - 10/12/2022	1.7 - 94.0	2.9	11.6	Y
30	Approved	11/16/2017 - 10/12/2022	1.7 - 46.0	2.5	6.9	Y
31	Conditionally Approved	11/16/2017 - 10/12/2022	1.7 - 33.0	2.1	5.4	Y

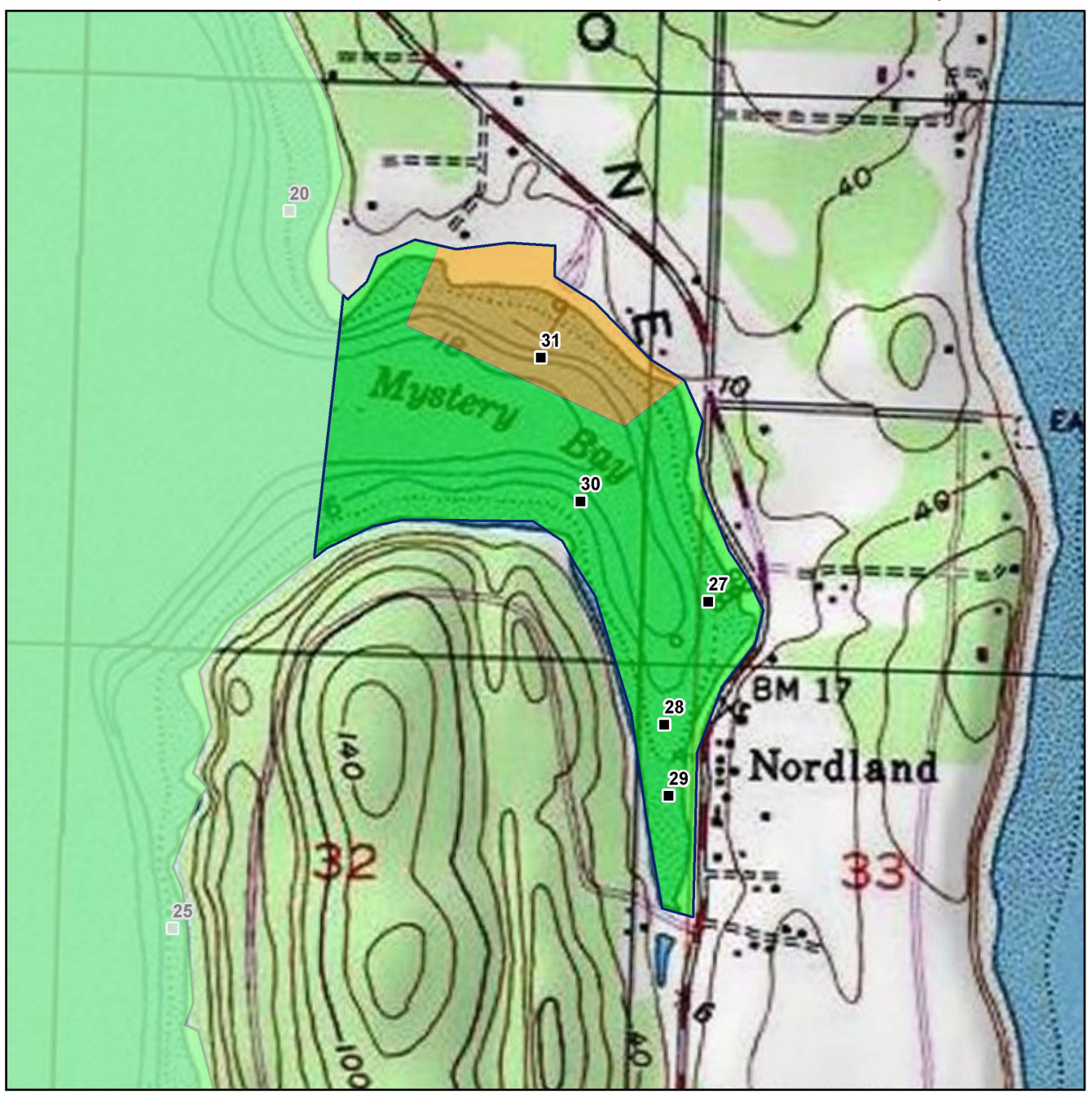
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Mystery Bay Growing Area

 **Mystery Bay**

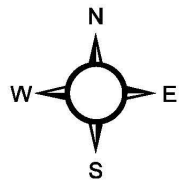
 **Health**
 Washington State Department of
 Date Updated: 7/11/2018

0 0.25 0.5 Miles



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

- Sampling Stations**
-



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