

**Washington State Department of Health
Office of Environmental Health and Safety**

Annual Growing Area Review

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AREA: Mystery Bay
YEAR ENDING: December 31, 2015
CLASSIFICATION: Approved, Conditionally Approved

Activities in the Growing Area in 2015

Samples were collected from the growing area six times during the year using the Systematic Random Sampling method. The Conditionally Approved area was closed from May 1 through September 30 in accordance with the management plan and was sampled three times while in open status.

Analytical Results Of Water Samples

Table 1 summarizes a minimum of 30 of the most recent samples collected from each of the sampling stations. This summary shows that all stations in the area 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 standards for Approved and Conditionally Approved classifications and the area is correctly classified.

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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)
Growing Area: Mystery Bay

Sampling Event Type: Regulatory

Tides Included: ALL

Maximum Number of Samples: 30

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
27	Approved	2/7/2011 - 11/19/2015	1.7 - 11.0	2.1	3.8	Y
28	Approved	2/7/2011 - 11/19/2015	1.7 - 22.0	2.5	6.0	Y
29	Approved	2/7/2011 - 11/19/2015	1.7 - 7.8	2.3	4.2	Y
30	Approved	2/7/2011 - 11/19/2015	1.7 - 11.0	2.3	4.5	Y
31	Conditionally Approved	2/7/2011 - 11/19/2015	1.7 - 7.8	2.0	3.1	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

