

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

Annual Growing Area Review

PREPARED BY: Laura A. White, R.S.
AREA: Blake Island
YEAR ENDING: December 31, 2015
CLASSIFICATION: Approved, Conditionally Approved, Prohibited

Activities in The Growing Area in 2015

Blake Island was sampled six times using the Systematic Random Sampling method. No additional activities have been documented in the growing area.

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 pass the NSSP water quality standard.

Change in Actual Pollution Sources That Impact The Growing Area

We currently have no information indicating that the growing 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 in the Blake Island growing area meet NSSP water quality standards for an Approved and Conditionally Approved classification and the area is correctly classified.

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

Annual Growing Area Review

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: Blake Island**

Sampling Event Type: Regulatory
Maximum Number of Samples: 30

Tides Included: ALL

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
398	Approved	3/8/2011 - 11/4/2015	1.7 - 4.5	1.9	2.5	Y
399	Approved	3/8/2011 - 11/4/2015	1.7 - 49.0	2.3	5.5	Y
401	Approved	3/8/2011 - 11/4/2015	1.7 - 13.0	2.0	3.7	Y
397	Conditionally Approved	3/8/2011 - 11/4/2015	1.7 - 7.8	1.9	2.8	Y
400	Conditionally Approved	3/8/2011 - 11/4/2015	1.7 - 4.5	1.9	2.4	Y
402	Conditionally Approved	3/8/2011 - 11/4/2015	1.7 - 23.0	2.3	6.0	Y
686	Conditionally Approved	3/8/2011 - 11/4/2015	1.7 - 7.8	1.9	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 – Blake Island Growing Area

