

# Washington State Department of Health Office of Shellfish and Water Protection

## Annual Growing Area Review

**PREPARED BY:** Jule Schultz  
**AREA:** Port Blakely  
**YEAR ENDING:** December 31, 2011  
**CLASSIFICATION:** Approved, Approved (Inactive), Unclassified, Prohibited

### Activities In The Growing Area in 2011

The Port Blakely growing area was sampled six times, except the Inactive area, which was sampled twice, using the Systematic Random Sampling method. A portion of the area was placed in Inactive status in September, 2010.

### Analytical Results Of Water Samples

Table 1 summarizes a minimum of the 30 most recent water samples in the growing area. All stations meet NSSP standards for an Approved classification. Station 418 is Concerned, with a 90<sup>th</sup> percentile of 21.

### Change In Actual Pollution Sources That Impact The Growing Area

We have no new information regarding pollution sources in the growing area.

### 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

The area is correctly classified.

TABLE 1

**SUMMARY OF MARINE WATER DATA (SRS)**

Growing Area: **PORT BLAKELY**

Classification: **Approved,Unclassified**

From **03/13/2006** To **12/31/2011**

**FECAL COLIFORM ORGANISMS/100 ML**

| Station Number | Classification | Number of Samples | Range       | Geometric Mean | Est. 90th Percentile | Meets Std. |
|----------------|----------------|-------------------|-------------|----------------|----------------------|------------|
| 413            | Approved       | 36                | 1.7 - 4.5   | 1.8            | 2.0                  | Yes        |
| 414            | Approved       | 33                | 1.7 - 13.0  | 2.1            | 3.0                  | Yes        |
| 415            | Approved       | 31                | 1.7 - 46.0  | 2.8            | 8.0                  | Yes        |
| 416            | Approved       | 31                | 1.7 - 31.0  | 3.3            | 10.0                 | Yes        |
| 417            | Approved       | 30                | 1.7 - 33.0  | 4.0            | 13.0                 | Yes        |
| 418            | Approved       | 31                | 1.7 - 79.0  | 5.0            | 21.0                 | Yes        |
| 419            | Approved       | 31                | 1.7 - 33.0  | 3.2            | 9.0                  | Yes        |
| 420            | Approved       | 33                | 1.7 - 240.0 | 2.7            | 11.0                 | Yes        |
| 421            | Approved       | 36                | 1.7 - 4.5   | 1.9            | 2.0                  | Yes        |
| 749            | Unclassified   | 20                | 1.7 - 2.0   | 1.7            | 1.0                  | *N/A       |
| 750            | Unclassified   | 20                | 1.7 - 4.5   | 1.8            | 2.0                  | *N/A       |
| 760            | Unclassified   | 12                | 1.7 - 6.8   | 2.0            | 3.0                  | *N/A       |
| 761            | Unclassified   | 12                | 1.7 - 2.0   | 1.7            | 1.0                  | *N/A       |
| 779            | Unclassified   | 9                 | 1.7 - 4.5   | 1.9            | 2.0                  | *N/A       |

All tides information is presented

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

\* N/A - SRS criteria require a minimum of 30 samples from each station. \*

† All samples have been verified.

TOPO! map printed on 02/28/12 from "PORT BLAKELY.tpo"



Map created with TOPO! © 2006 National Geographic; © 2005 Tele Atlas, Rel. 8/2005

122.51667° W 122.50000° W WGS84 122.48333° W

0 5 1  
MILES

1000 0 1000 2000 3000 4000 5000  
FEET

1 0.5 0 0.5 1  
KILOMETERS METERS

TN\* /MN 17 1/2

02/28/12