

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF SHELLFISH AND WATER PROTECTION**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Jerry Lukes, Environmental Specialist

**AREA:** Port Blakely

**YEAR ENDING:** December 31, 2008

**CLASSIFICATION:** Approved, Unclassified

**ACTIVITIES IN THE GROWING AREA IN 2008:**

Samples were collected from the growing area 6 times during the year using the systematic random sampling method. Two stations (#749 and #750) were added to the growing area during 2008, due to a request for harvest. Each have been sampled twice.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

Tables #1 and #2 summarize the results of all samples collected from the area. These summaries shows that all stations in the area which have 30 samples pass the NSSP water quality standard.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

Kitsap County identified one failing on-site sewage system along the shoreline during 2008 and is following up on this failure. The county expects the failure to be repaired in early-2009. There are no harvest sites in this portion of the growing area.

**CLASSIFICATION STATUS:**

- Well within the classification standards
- Meets standards but some concerns
- Meets standards but threatened with a downgrade in classification
- Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

## TABLE 1

### SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **PORT BLAKELY**

Classification:

From **11/24/2003** To **12/10/2008**

**FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
414	Approved	31	1.7 - 33.0	2.1	4.0	Yes
415	Approved	31	1.7 - 13.0	2.4	5.0	Yes
416	Approved	31	1.7 - 14.0	2.6	6.0	Yes
417	Approved	30	1.7 - 23.0	3.2	9.0	Yes
419	Approved	31	1.7 - 49.0	2.8	8.0	Yes
420	Approved	31	1.7 - 240.0	2.6	11.0	Yes
413	Unclassified	31	1.7 - 33.0	1.9	3.0	Yes

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.

† All samples have been verified

## TABLE 2

### SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **PORT BLAKELY**

Classification:

From **01/09/2001** To **12/10/2008**

### FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
421	Unclassified	30	1.7 - 7.8	2.0	3.0	Yes
749	Unclassified	2	1.7 - 2.0	1.8	2.0	*N/A
750	Unclassified	2	1.7 - 1.7	1.7	1.0	*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.



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0.0 0.5 1.0 miles  
0.0 0.5 1.0 1.5 km

TN MN  
17 1/2  
11/19/08