

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

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AREA: Neah Bay

YEAR ENDING: December 31, 2011

CLASSIFICATION: Approved, Prohibited, Unclassified

Activities In The Growing Area In 2011

Samples were collected from the growing area 6 times during the year using the Systematic Random Sampling method.

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 in the area pass the NSSP water quality standard. The 90th percentile for Station 165 in the Prohibited area has increased from 59 fc/100 ml in 2010 to 77 fc/100 ml.

Change In Actual Pollution Sources That Impact The Growing Area

We currently have no information indicating that the area has new sources of pollution impacting the Approved portion of 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

Table 1 shows that all stations in the Approved portion meet the NSSP water quality standards and the area is correctly classified.

Table 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **NEAH BAY**

Classification: **Approved, Prohibited, Unclassified**

From **08/28/2006** To **12/31/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
159	Approved	31	1.7 - 33.0	2.7	7.0	Yes
160	Approved	32	1.7 - 49.0	2.8	8.0	Yes
163	Approved	31	1.7 - 79.0	3.9	16.0	Yes
167	Approved	32	1.7 - 17.0	2.6	6.0	Yes
168	Approved	31	1.7 - 33.0	2.8	7.0	Yes
169	Approved	31	1.7 - 33.0	2.4	6.0	Yes
170	Approved	32	1.7 - 79.0	3.0	9.0	Yes
164	Prohibited	31	1.7 - 110.0	4.2	27.0	Yes
165	Prohibited	31	1.7 - 350.0	7.0	77.0	No
166	Prohibited	32	1.7 - 110.0	4.0	18.0	Yes
161	Unclassified	30	1.7 - 21.0	2.3	5.0	Yes
162	Unclassified	32	1.7 - 130.0	3.2	13.0	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.

Neah Bay 2/4/2002

