

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Kelly Curtis, Environmental Specialist

AREA: Sequim Bay

YEAR ENDING: December 31, 2011

CLASSIFICATION: Approved, Prohibited

Activities In The Growing Area In 2011

Samples were collected 6 times from the Sequim Bay growing area 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. These summaries show 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

This area is appropriately classified.

Table 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **SEQUIM BAY**

Classification: **Approved, Prohibited**

From **01/23/2007** To **12/31/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
72	Approved	31	1.7 - 6.1	1.9	2.0	Yes
74	Approved	31	1.7 - 7.8	1.8	2.0	Yes
75	Approved	31	1.7 - 2.0	1.7	1.0	Yes
77	Approved	30	1.7 - 33.0	2.4	6.0	Yes
78	Approved	36	1.7 - 70.0	2.2	5.0	Yes
79	Approved	30	1.7 - 2,400.0	2.6	15.0	Yes
81	Approved	30	1.7 - 70.0	2.4	7.0	Yes
82	Approved	30	1.7 - 4.5	2.0	3.0	Yes
83	Approved	30	1.7 - 26.0	2.0	4.0	Yes
84	Approved	30	1.7 - 33.0	2.1	4.0	Yes
86	Approved	30	1.7 - 4.5	1.8	2.0	Yes
88	Approved	31	1.7 - 17.0	2.5	6.0	Yes
89	Approved	31	1.7 - 14.0	2.2	4.0	Yes
90	Approved	30	1.7 - 11.0	2.0	3.0	Yes
91	Approved	31	1.7 - 33.0	2.1	5.0	Yes
93	Approved	31	1.7 - 23.0	2.1	4.0	Yes
96	Approved	30	1.7 - 4.5	1.8	2.0	Yes
98	Approved	30	1.7 - 17.0	2.0	3.0	Yes
190	Approved	29	1.7 - 17.0	2.2	5.0	*N/A
76	Prohibited	33	1.7 - 7.8	2.0	3.0	Yes
87	Prohibited	31	1.7 - 13.0	2.0	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.

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

Sequim Bay 11/19/2008

