

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

Annual Growing Area Review

PREPARED BY: Jule Schultz
AREA: Similk Bay
YEAR ENDING: December 31, 2011
CLASSIFICATION: Approved

Activities In The Growing Area in 2011

The growing area was sampled six times using the Systematic Random Sampling method.

Analytical Results Of Water Samples

Table 1 summarizes the most recent 30 samples from the growing area. All stations meet NSSP criteria for an Approved classification.

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: **SIMILK BAY**

Classification: **Approved,Unclassified**

From **02/27/2007** To **12/31/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
97	Approved	30	1.7 - 4.5	1.8	2.0	Yes
98	Approved	30	1.7 - 7.8	2.0	3.0	Yes
99	Approved	30	1.7 - 17.0	2.1	4.0	Yes
100	Approved	30	1.7 - 7.8	2.1	3.0	Yes
101	Approved	30	1.7 - 6.8	2.0	3.0	Yes
102	Approved	30	1.7 - 13.0	2.2	4.0	Yes
103	Approved	30	1.7 - 13.0	2.2	5.0	Yes
104	Approved	30	1.7 - 7.8	1.9	3.0	Yes
105	Approved	30	1.7 - 11.0	2.2	4.0	Yes
95	Unclassified	30	1.7 - 7.8	2.1	3.0	Yes
96	Unclassified	30	1.7 - 130.0	2.2	6.0	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.

Similk Bay 02/17/11

