

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

ANNUAL GROWING AREA REVIEW

PREPARED BY: Jerry Lukes, Environmental Specialist

AREA: Kilisut Harbor

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved, Prohibited

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. The growing area was closed 70 days during the year due to elevated biotoxin levels.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows 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 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: **KILISUT HARBOR**Classification: **Approved, Prohibited, Unclassified**From **01/28/2004** To **12/11/2008****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
10	Approved	30	1.7 - 6.8	1.8	2.0	Yes
11	Approved	30	1.7 - 7.8	1.8	2.0	Yes
13	Approved	30	1.7 - 2.0	1.7	1.0	Yes
14	Approved	30	1.7 - 2.0	1.7	1.0	Yes
16	Approved	30	1.7 - 4.5	1.7	2.0	Yes
18	Approved	30	1.7 - 2.0	1.7	1.0	Yes
19	Approved	30	1.7 - 2.0	1.7	1.0	Yes
20	Approved	30	1.7 - 4.5	1.8	2.0	Yes
21	Approved	30	1.7 - 2.0	1.7	1.0	Yes
22	Approved	29	1.7 - 4.5	1.7	2.0	*N/A
23	Approved	30	1.7 - 4.5	1.8	2.0	Yes
25	Approved	30	1.7 - 7.8	2.1	4.0	Yes
172	Approved	30	1.7 - 2.0	1.7	1.0	Yes
24	Prohibited	30	1.7 - 6.8	1.8	2.0	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. *

KILISUT HARBOR

KILISUT HARBOR 01/27/03



TN
MN
18 1/4°

0 5 1 MILE
0 1000 FEET 0 500 1000 METERS
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