

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

ANNUAL GROWING AREA REVIEW

PREPARED BY: Jerry Lukes, Environmental Specialist

AREA: Hood Canal #2

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved, Prohibited, Unclassified

ACTIVITIES IN THE GROWING AREA IN 2008:

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method. Seabeck (Olympic View) marina is in the process of expanding from 75 to 200 slips. This will result in larger closure zone around the marina. A shoreline survey of this growing area is currently being conducted.

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; however, elevated bacterial levels at station number 87 are of concern.

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: **HOOD CANAL #2**Classification: **Approved,Unclassified**From **07/30/2003** To **12/02/2008****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
68	Approved	32	1.7 - 4.5	1.9	2.0	Yes
69	Approved	33	1.7 - 27.0	2.0	4.0	Yes
70	Approved	33	1.7 - 23.0	2.4	6.0	Yes
71	Approved	33	1.7 - 23.0	2.0	3.0	Yes
72	Approved	33	1.7 - 7.8	2.0	3.0	Yes
73	Approved	33	1.7 - 13.0	1.9	3.0	Yes
74	Approved	33	1.7 - 7.8	2.3	4.0	Yes
75	Approved	33	1.7 - 49.0	2.6	8.0	Yes
76	Approved	33	1.7 - 13.0	2.1	4.0	Yes
77	Approved	33	1.7 - 17.0	2.6	6.0	Yes
78	Approved	33	1.7 - 4.0	1.8	2.0	Yes
79	Approved	33	1.7 - 9.3	2.2	4.0	Yes
80	Approved	33	1.7 - 49.0	3.2	12.0	Yes
81	Approved	36	1.7 - 49.0	2.6	9.0	Yes
82	Approved	33	1.7 - 7.8	1.9	3.0	Yes
83	Approved	30	1.7 - 9.3	1.8	2.0	Yes
84	Approved	34	1.7 - 33.0	3.1	10.0	Yes
85	Approved	34	1.7 - 170.0	2.3	7.0	Yes
86	Approved	34	1.7 - 140.0	2.8	11.0	Yes
87	Approved	34	1.7 - 170.0	4.3	21.0	Yes
88	Approved	34	1.7 - 140.0	2.9	11.0	Yes
90	Approved	33	1.7 - 4.0	1.7	2.0	Yes
91	Approved	33	0.7 - 13.0	1.9	3.0	Yes
92	Approved	33	1.7 - 7.8	1.7	2.0	Yes
93	Approved	33	1.7 - 6.8	2.0	3.0	Yes
94	Approved	33	1.7 - 2.0	1.7	1.0	Yes
95	Approved	33	1.7 - 4.5	1.9	2.0	Yes
89	Unclassified	33	1.7 - 33.0	2.6	7.0	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.

HOOD CANAL #2

