

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

ANNUAL GROWING AREA REVIEW

PREPARED BY: Jerry Lukes, Environmental Specialist

AREA: Hood Canal #5

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved, 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. .

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. Station 310 was added in 2008 and currently has only been sampled 4 times.

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 1Growing Area: **HOOD CANAL #5**Classification: **Approved,Unclassified**From **11/12/2003** To **11/12/2008****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
167	Approved	31	1.7 - 79.0	2.1	5.0	Yes
169	Approved	31	1.7 - 13.0	1.9	3.0	Yes
170	Approved	31	1.7 - 110.0	1.9	5.0	Yes
172	Approved	31	1.7 - 7.8	2.0	3.0	Yes
173	Approved	31	1.7 - 79.0	2.3	6.0	Yes
174	Approved	30	1.7 - 33.0	2.1	4.0	Yes
175	Approved	31	1.7 - 11.0	1.8	2.0	Yes
176	Approved	31	1.7 - 4.5	1.8	2.0	Yes
177	Approved	31	1.7 - 7.8	1.8	2.0	Yes
178	Approved	31	1.7 - 7.8	1.8	2.0	Yes
179	Approved	31	1.7 - 17.0	2.1	4.0	Yes
180	Approved	31	1.7 - 33.0	2.1	4.0	Yes
181	Approved	31	1.7 - 7.8	2.0	3.0	Yes
182	Approved	31	1.7 - 49.0	2.9	9.0	Yes
183	Approved	31	1.7 - 4.5	1.8	2.0	Yes
184	Approved	31	1.7 - 4.5	1.9	2.0	Yes
185	Approved	31	1.7 - 33.0	2.6	7.0	Yes
187	Approved	31	1.7 - 49.0	2.0	4.0	Yes
188	Approved	31	1.7 - 6.8	2.0	3.0	Yes
189	Approved	31	1.7 - 17.0	2.2	4.0	Yes
190	Approved	31	1.7 - 4.5	1.9	2.0	Yes
191	Approved	31	1.7 - 13.0	2.3	4.0	Yes
193	Approved	31	1.7 - 7.8	1.8	2.0	Yes
194	Approved	31	1.7 - 14.0	1.9	3.0	Yes
186	Unclassified	31	1.7 - 110.0	5.4	26.0	Yes
303	Unclassified	31	1.7 - 13.0	2.7	6.0	Yes
310	Unclassified	4	1.7 - 2.0	1.7	1.0	*N/A

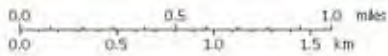
All tides information is presented

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. *



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17N 18W
05/30/08

