

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

ANNUAL GROWING AREA REVIEW

PREPARED BY: Jerry Lukes, Environmental Specialist

AREA: Hood Canal #7

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved

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 for 7 days due to extremely heavy rainfall and storm water runoff and 7 days due to elevated vibrio 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. Shoofly Creek on the north shore and two unnamed streams on the south shore are on the 303D list for fecal coliform.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: HOOD CANAL #7

Classification: Approved

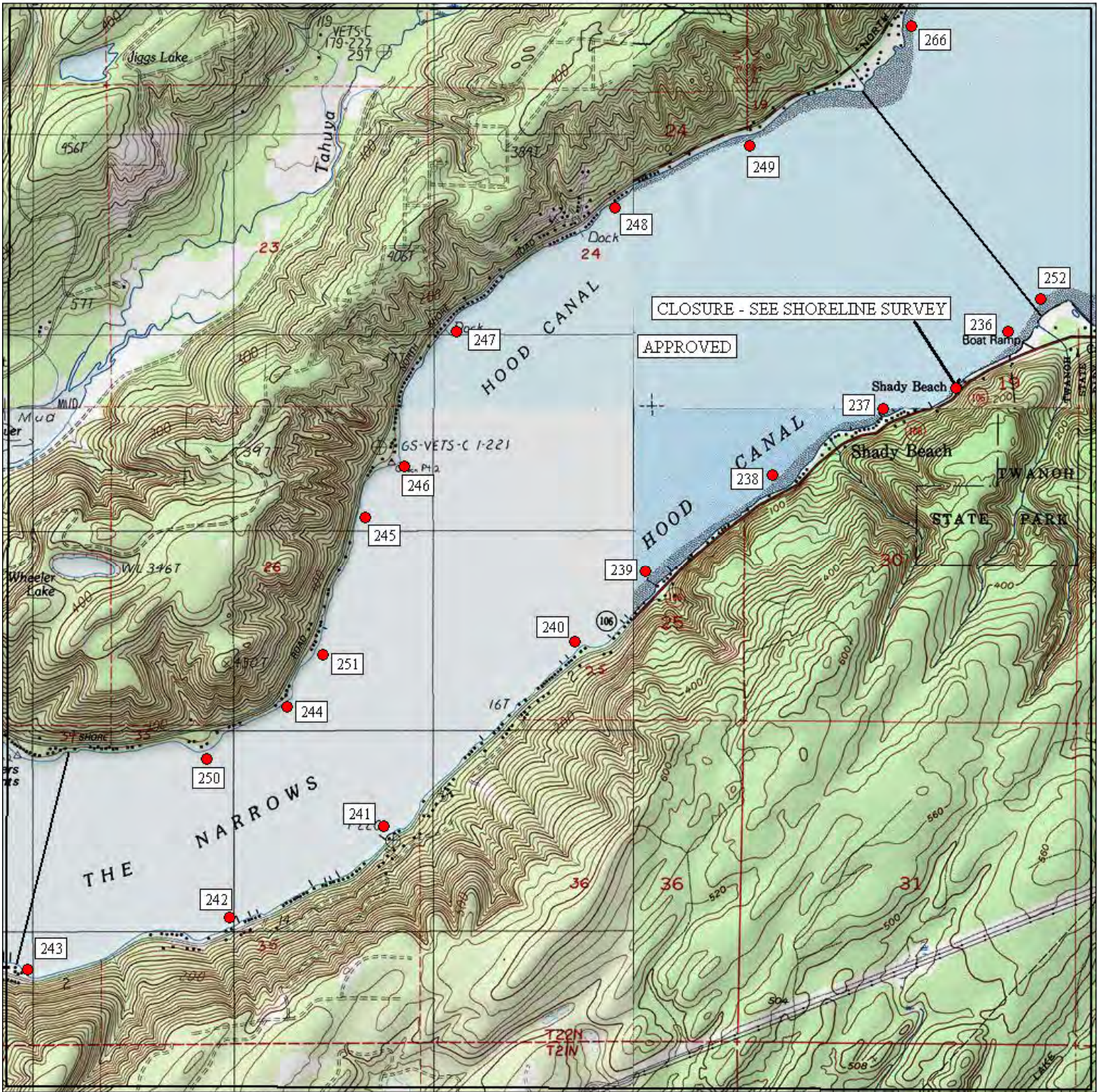
From 02/24/2004 To 11/19/2008

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
236	Approved	30	1.7 - 23.0	1.9	3.0	Yes
237	Approved	30	1.7 - 7.8	1.9	2.0	Yes
238	Approved	30	1.7 - 7.8	1.9	3.0	Yes
239	Approved	30	1.7 - 46.0	3.4	10.0	Yes
240	Approved	30	1.7 - 33.0	2.3	6.0	Yes
241	Approved	30	1.7 - 79.0	2.6	8.0	Yes
242	Approved	30	1.7 - 17.0	2.2	4.0	Yes
243	Approved	30	1.7 - 17.0	2.1	4.0	Yes
244	Approved	30	1.7 - 14.0	2.4	5.0	Yes
245	Approved	30	1.7 - 11.0	2.2	4.0	Yes
246	Approved	30	1.7 - 13.0	2.0	3.0	Yes
247	Approved	30	1.7 - 23.0	2.2	4.0	Yes
248	Approved	30	1.7 - 33.0	2.2	5.0	Yes
249	Approved	30	1.7 - 33.0	2.1	4.0	Yes
250	Approved	30	1.7 - 4.5	1.8	2.0	Yes
251	Approved	30	1.7 - 4.5	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.



TN
MN
18°

