

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

ANNUAL GROWING AREA REVIEW

PREPARED BY: Jerry Lukes, Environmental Specialist

AREA: Hood Canal # 8

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved, Conditionally 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 area was closed for 7 days due to extreme rainfall and storm water runoff. One failing on-site system was identified by the local health jurisdiction. The drainage associated with the system continues to show elevated fecal coliform levels and a small closure zone was determined to be appropriate.

A Conditionally Approved area at the mooring buoys and swim area is closed from May 1st through September 30th each year. Station number 267 in the Conditionally Approved portion was sampled 4 times during the year while in open status.

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 have no information indicating the presence of new pollution sources.

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. Marine waters on the north shore at the boundary between Hood Canal #8 and Hood Canal #9 are on the 303D list for fecal coliform.

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MANAGEMENT PLAN EVALUATION – BRIEFLY DESCRIBE THE FOLLOWING COMPONENTS:

1. Have all parties involved complied with the conditions in the management plan Yes
2. Has reporting been adequate to manage the conditional area Yes
3. Does the area consistently meet approved area criteria when it is open for harvest Yes
4. Has a field inspection of critical pollution sources been conducted..... Yes

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **HOOD CANAL #8**

Classification: **Approved,Conditionally Approved**

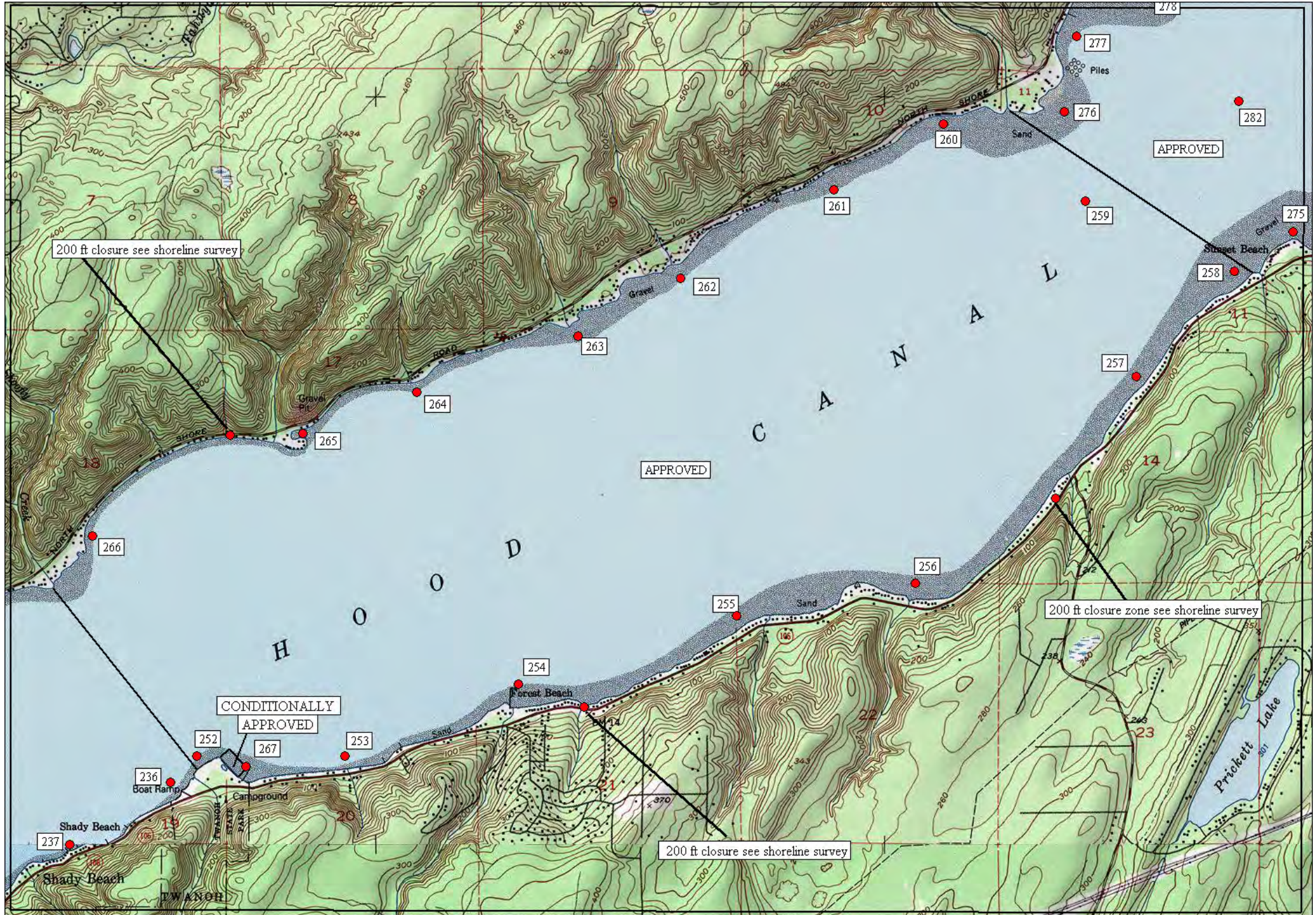
From 11/13/2003 To 11/19/2008

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
252	Approved	31	1.7 - 6.8	1.9	3.0	Yes
253	Approved	31	1.7 - 4.5	1.8	2.0	Yes
254	Approved	30	1.7 - 4.5	1.8	2.0	Yes
255	Approved	31	1.7 - 33.0	2.0	4.0	Yes
256	Approved	31	1.7 - 7.8	1.9	3.0	Yes
257	Approved	31	1.7 - 49.0	2.2	5.0	Yes
258	Approved	31	1.7 - 195.0	2.4	7.0	Yes
259	Approved	31	1.7 - 23.0	2.3	4.0	Yes
260	Approved	31	1.7 - 170.0	2.9	10.0	Yes
261	Approved	31	1.7 - 130.0	3.1	11.0	Yes
262	Approved	30	1.7 - 4.5	1.9	2.0	Yes
263	Approved	31	1.7 - 7.8	1.9	3.0	Yes
264	Approved	31	1.7 - 70.0	2.4	6.0	Yes
265	Approved	30	1.7 - 17.0	2.1	4.0	Yes
266	Approved	31	1.7 - 23.0	2.1	4.0	Yes
267	Conditionally Approved	31	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°

