

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

ANNUAL GROWING AREA REVIEW

PREPARED BY: Lawrence Sullivan, Public Health Advisor

AREA: Port Gamble

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2008:

Samples were collected from the growing area six times during the year using the systematic random sampling method. A re-evaluation of the Port Gamble WWTP resulted in a slight reduction of the shellfish closure zone radius around the outfall, which resulted in reclassification of about 33 acres from Prohibited to Approved 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:

A reevaluation of a large on-site system near Pt. Julian resulted in a portion of the eastern shoreline changing from closed to open status.

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. The west shoreline remains in a closed status due to chemical contamination concerns.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **PORT GAMBLE**

Classification: **Approved, Prohibited**

From **01/12/2004** To **11/17/2008**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
56	Approved	30	1.7 - 4.5	1.8	2.0	Yes
57	Approved	30	1.7 - 9.3	2.0	3.0	Yes
58	Approved	30	1.7 - 4.5	2.0	3.0	Yes
59	Approved	30	1.7 - 2.0	1.7	1.0	Yes
60	Approved	30	1.7 - 6.8	1.9	3.0	Yes
61	Approved	30	1.7 - 11.0	2.0	3.0	Yes
62	Approved	30	1.7 - 4.5	1.8	2.0	Yes
63	Approved	31	1.7 - 17.0	1.9	3.0	Yes
64	Approved	30	1.7 - 7.8	2.1	3.0	Yes
65	Approved	30	1.7 - 49.0	2.4	6.0	Yes
66	Approved	30	1.7 - 31.0	2.6	6.0	Yes
67	Approved	30	1.7 - 70.0	4.3	17.0	Yes
55	Prohibited	31	1.7 - 4.5	1.7	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.

† All samples have been verified.

