

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Kelly Curtis, Environmental Specialist

AREA: Port Gamble

YEAR ENDING: December 31, 2011

CLASSIFICATION: Approved, Prohibited, Unclassified

Activities In The Growing Area In 2011

Samples were collected from the growing area 6 times during the year using the Systematic Random Sampling method. The Department of Ecology sampled sediment in the Approved /Closed Status portion of Port Gamble and the Department of Health Office of Environmental Health, Safety, and Toxicology is evaluating the data.

Analytical Results Of Water Samples

Table 1 summarizes the results of the last 30 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 downgrade in classification
- Fails to meet current classification standards

Remarks and Recommendations

Table 1 shows that all stations meet the NSSP water quality standards for an Approved classification and the area is correctly classified. During the 2005 Shoreline Survey, no potential impacts or drainages were identified along the shoreline between the Prohibited area and the Sawmill. Therefore, an additional station is not necessary in this area.

Table 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **PORT GAMBLE**

Classification: **Approved, Prohibited, Unclassified**

From **01/02/2007** To **12/31/2011**

FECAL COLIFORM ORGANISMS/100 ML

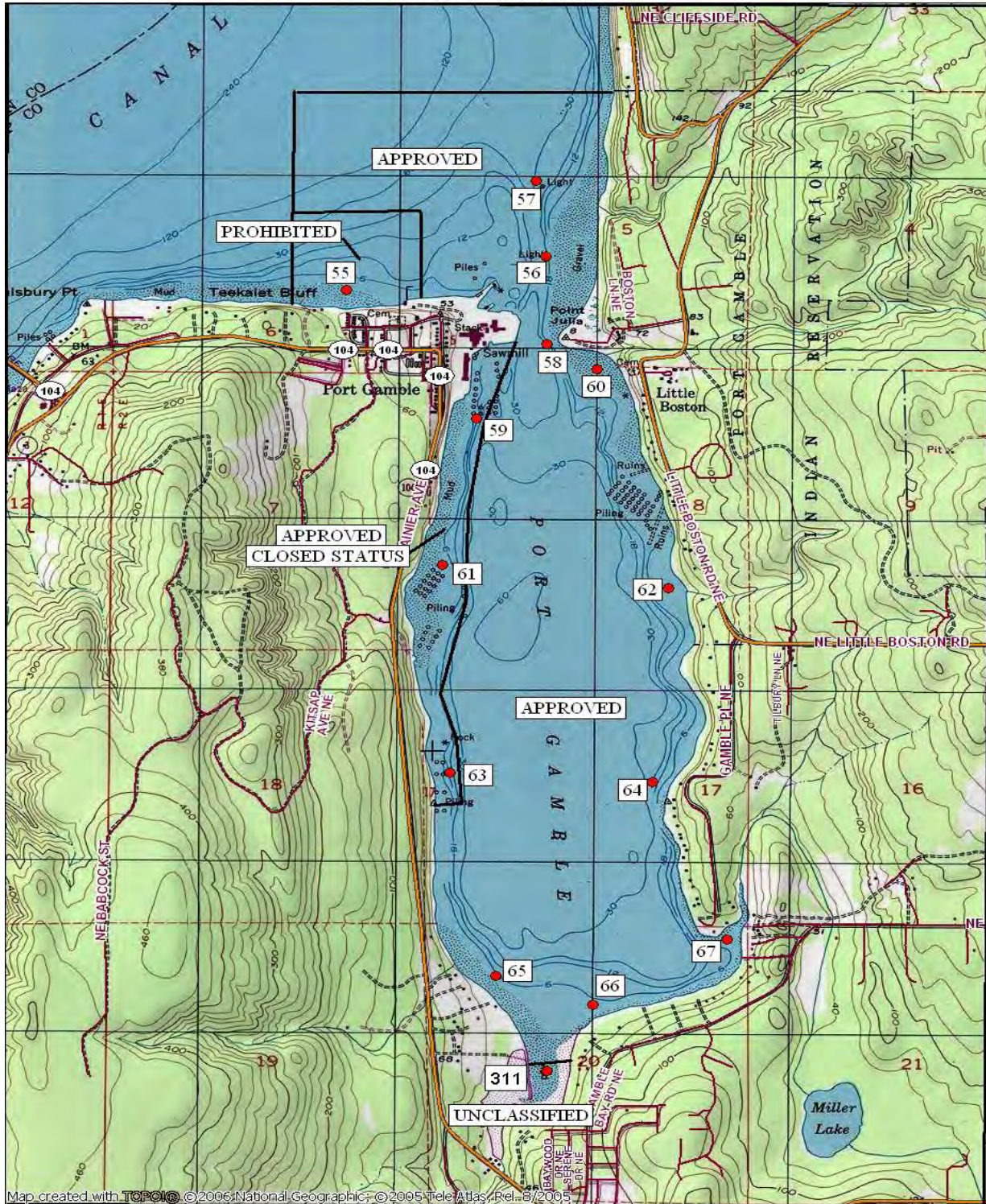
Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
56	Approved	30	1.7 - 6.1	1.8	2.0	Yes
57	Approved	30	1.7 - 7.8	1.8	2.0	Yes
58	Approved	30	1.7 - 6.8	2.0	3.0	Yes
59	Approved	30	1.7 - 4.5	1.9	2.0	Yes
60	Approved	30	1.7 - 7.8	1.8	2.0	Yes
61	Approved	30	1.7 - 4.5	1.9	2.0	Yes
62	Approved	30	1.7 - 11.0	2.0	3.0	Yes
63	Approved	30	1.7 - 4.5	1.8	2.0	Yes
64	Approved	30	1.7 - 23.0	2.2	4.0	Yes
65	Approved	30	1.7 - 11.0	2.0	3.0	Yes
66	Approved	30	1.7 - 13.0	2.3	4.0	Yes
67	Approved	30	1.7 - 23.0	3.5	11.0	Yes
55	Prohibited	30	1.7 - 2.0	1.7	1.0	Yes
311	Unclassified	10	1.7 - 6.8	2.8	5.0	*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. *

† All samples have been verified.



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