

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Clyde Bill
AREA: Mud Bay
YEAR ENDING: December 31, 2011
CLASSIFICATION: Approved

Activities in the Growing Area in 2011

The Mud Bay growing area was sampled six times using the Systematic Random Sampling method.

Analytical Results of Water Samples

Table 1 summarizes the results of the 30 most recent samples collected from the Mud Bay growing 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 Mud Bay growing 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 show that all stations in the Mud Bay growing area meet NSSP water quality standards for an Approved classification and that the area is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **MUD BAY**

Classification: **Approved, Unclassified**

From **01/24/2007** To **12/07/2011**

FECAL COLIFORM ORGANISMS/100 ML

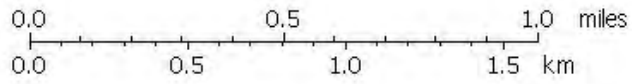
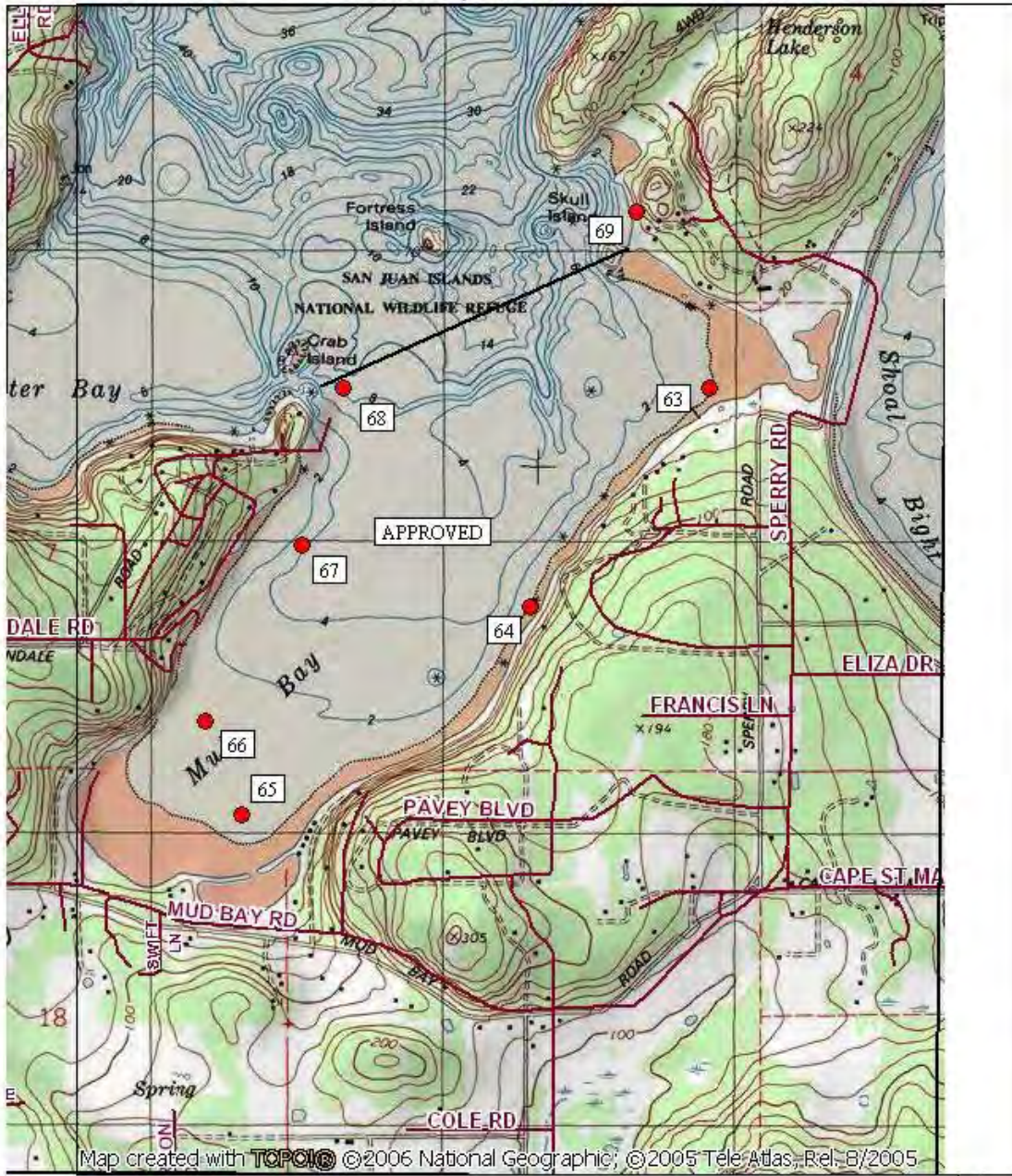
Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
63	Approved	30	1.7 - 4.5	1.8	2.0	Yes
64	Approved	30	1.7 - 7.8	1.8	2.0	Yes
65	Approved	30	1.7 - 22.0	2.2	4.0	Yes
66	Approved	30	1.7 - 7.8	1.9	2.0	Yes
67	Approved	30	1.7 - 49.0	1.9	4.0	Yes
68	Approved	30	1.7 - 7.8	1.8	2.0	Yes
69	Unclassified	30	1.7 - 7.8	1.9	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.

Mud Bay 3/30/10



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18°
03/30/10