Mud Bay

Annual Shellfish Growing Area Review

Prepared By: Casey Deligeannis

Area: Mud Bay

Year Ending: December 31, 2019

Classification: Approved

Activities in the Growing Area in 2019

The growing area was sampled a minimum of six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. The San Juan County Health Department continues to implement pollution identification and correction activities in the region.

Analytical Results of Water Samples

Table 1 summarizes results of the 30 most recent samples collected from the area. All stations meet 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 standard for an Approved classification and the area is correctly classified.

To request this document in another format, call 1-800-525-0127. Deaf or hard of hearing customers, please call 711 (Washington Relay) or email civil.rights@doh.wa.gov.

TABLE 1. Summary of Marine Water Data (SRS) Mud Bay Growing Area

Sampling Event Type: Regulatory

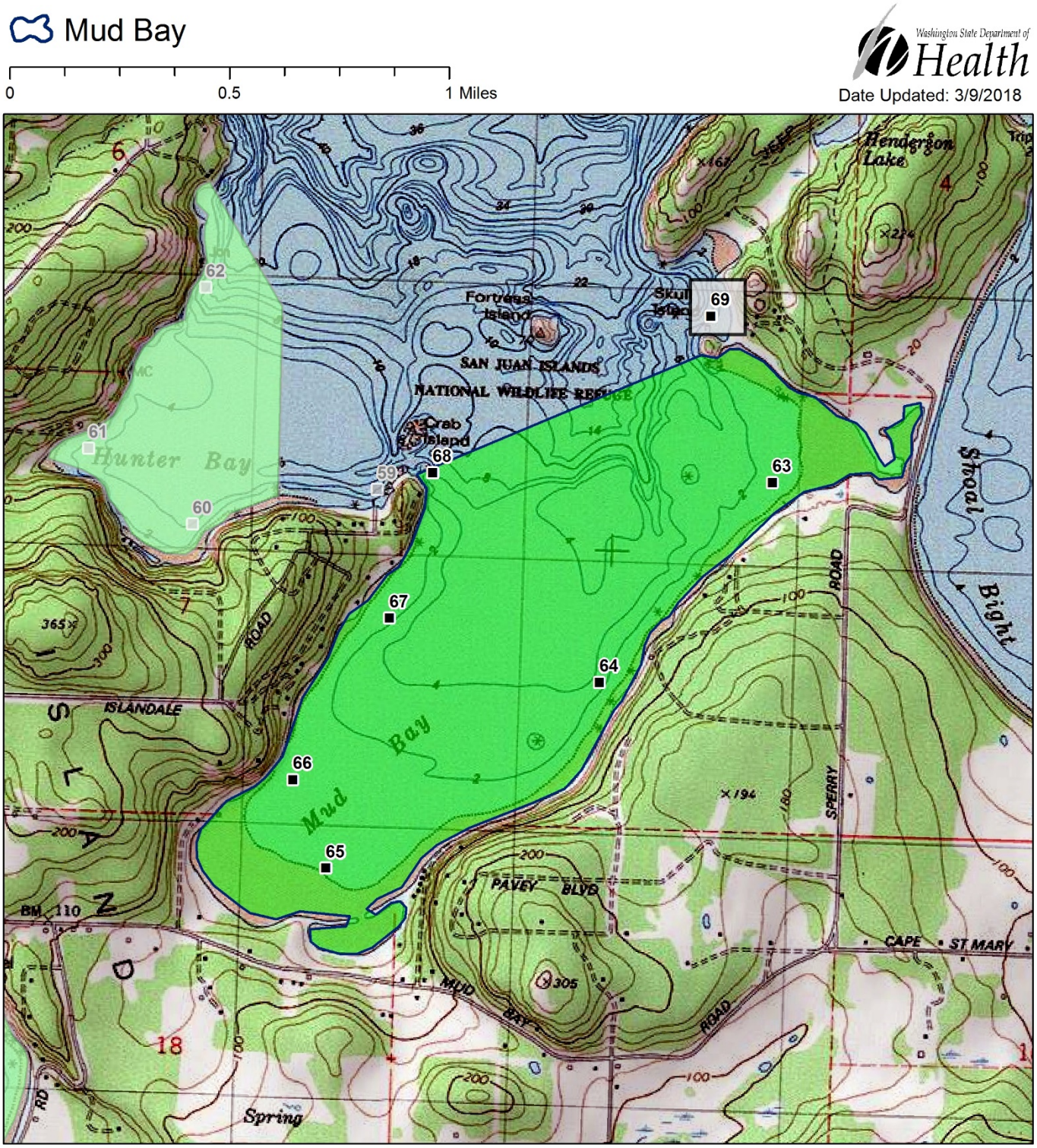
Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90th Percentile (FC/100mL)	Meets Standard
63	Approved	1/14/2015 - 11/19/2019	1.7 - 11.0	2.1	4.0	Y
64	Approved	1/14/2015 - 11/19/2019	1.7 - 33.0	2.2	4.9	Y
65	Approved	1/14/2015 - 11/19/2019	1.7 - 7.8	2.0	3.3	Y
66	Approved	1/14/2015 - 11/19/2019	1.7 - 79.0	2.5	8.5	Y
67	Approved	1/14/2015 - 11/19/2019	1.7 - 4.5	1.8	2.3	Y
68	Approved	1/14/2015 - 11/19/2019	1.7 - 4.5	1.8	2.5	Y
69	Unclassified	1/14/2015 - 11/19/2019	1.7 - 17.0	2.1	4.4	Y

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Mud Bay Growing Area



Classification

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified

Sampling Stations

■

N
W E
S

* Some sampling stations are highlighted with grey box for ease of reading.