

# Mud Bay

## Annual Shellfish Growing Area Review

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Area: Mud Bay

Year Ending: December 31, 2021

Classification: Approved

### Activities in the Growing Area in 2021

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. No additional activities were documented in the growing area.

### 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.

**TABLE 1. Summary of Marine Water Data (SRS) for the 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. 90 <sup>th</sup> Percentile (FC/100mL) | Meets Standard |
|----------------|----------------|------------------------|------------------|--------------------|---|----------------|
| 63             | Approved       | 2/28/2017 - 11/16/2021 | 1.7 - 11.0       | 1.8                | 2.9   | Y              |
| 64             | Approved       | 2/28/2017 - 11/16/2021 | 1.7 - 6.8        | 1.9                | 3.0   | Y              |
| 65             | Approved       | 2/28/2017 - 11/16/2021 | 1.7 - 23.0       | 2.3                | 5.4   | Y              |
| 66             | Approved       | 2/28/2017 - 11/16/2021 | 1.7 - 17.0       | 2.1                | 4.5   | Y              |
| 67             | Approved       | 2/28/2017 - 11/16/2021 | 1.7 - 7.8        | 1.9                | 2.8   | Y              |
| 68             | Approved       | 2/28/2017 - 11/16/2021 | 1.7 - 7.8        | 1.9                | 3.0   | Y              |
| 69             | Unclassified   | 2/28/2017 - 11/16/2021 | 1.7 - 11.0       | 2.3                | 4.7   | 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

