

# Reach Island

## Annual Shellfish Growing Area Review



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Area: Reach Island

Year Ending: December 31, 2021

Classification: Approved, Prohibited

### Activities in the Growing Area in 2021

The growing area was sampled a minimum of six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. A routine shoreline survey was conducted, and no Direct or Indirect Impacts were identified.

### 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 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 standard for an Approved classification and the area is correctly classified.

**TABLE 1. Summary of Marine Water Data (SRS) for the Reach Island 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
17	Approved	11/17/2016 - 12/1/2021	1.7 - 21.0	2.7	6.9	Y
18	Approved	11/17/2016 - 12/1/2021	1.7 - 7.8	2.2	4.1	Y
37	Approved	11/17/2016 - 12/1/2021	1.7 - 9.3	2.0	3.6	Y
38	Approved	11/17/2016 - 12/1/2021	1.7 - 21.0	2.3	5.4	Y
39	Approved	11/17/2016 - 12/1/2021	1.7 - 23.0	2.2	5.1	Y
581	Approved	11/17/2016 - 12/1/2021	1.7 - 7.8	2.1	3.6	Y
687	Approved	11/17/2016 - 12/1/2021	1.7 - 7.8	1.9	2.9	Y
859	Approved	11/17/2016 - 12/1/2021	1.7 - 7.8	1.8	2.6	Y
36	Prohibited	11/17/2016 - 12/1/2021	1.7 - 4.5	1.8	2.3	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. Reach Island Growing Area**

