

Reach Island

Annual Shellfish Growing Area Review



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Area: Reach Island

Year Ending: December 31, 2022

Classification: Approved, Prohibited

Activities in the Growing Area in 2022

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Station 17 was sampled only five times due to a bottle spilled during sampling in November. The growing area was closed once for seven days due to excessive rainfall (>3 inches of rain in 24 hours).

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 th Percentile (FC/100mL)	Meets Standard
17	Approved	10/11/2017 - 9/8/2022	1.7 - 21.0	2.5	6.1	Y
18	Approved	12/5/2017 - 11/3/2022	1.7 - 6.8	2.1	3.6	Y
37	Approved	12/5/2017 - 11/3/2022	1.7 - 9.3	2.0	3.4	Y
38	Approved	12/5/2017 - 11/3/2022	1.7 - 21.0	2.2	4.9	Y
39	Approved	12/5/2017 - 11/3/2022	1.7 - 23.0	2.3	5.5	Y
581	Approved	12/5/2017 - 11/3/2022	1.7 - 7.8	2.0	3.4	Y
687	Approved	12/5/2017 - 11/3/2022	1.7 - 7.8	1.9	2.9	Y
859	Approved	12/5/2017 - 11/3/2022	1.7 - 2.0	1.8	1.9	Y
36	Prohibited	12/5/2017 - 11/3/2022	1.7 - 2.0	1.8	1.9	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

