

Reach Island

Annual Shellfish Growing Area Review



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Area: Reach Island

Year Ending: December 31, 2023

Classification: Approved, Prohibited

Activities in the Growing Area in 2023

The growing area was only sampled five times during the year due to one sampling event conducted during an emergency rainfall closure. This sample event will be made up for in 2024. The growing area was closed from 12/5/23 at 8:30 AM to 12/12/2023 due to 3.45 inches of rain in 24 hours recorded at the Rocky Creek rain gauge.

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 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	7/18/2018 - 10/18/2023	1.7 - 33.0	2.7	7.6	Y
18	Approved	9/4/2018 - 10/18/2023	1.7 - 6.8	2.0	3.2	Y
37	Approved	9/4/2018 - 10/18/2023	1.7 - 7.8	1.9	3.0	Y
38	Approved	9/4/2018 - 10/18/2023	1.7 - 21.0	2.2	4.7	Y
39	Approved	9/4/2018 - 10/18/2023	1.7 - 23.0	2.2	5.0	Y
581	Approved	9/4/2018 - 10/18/2023	1.7 - 7.8	2.0	3.4	Y
687	Approved	9/4/2018 - 10/18/2023	1.7 - 7.8	1.9	2.8	Y
859	Approved	9/4/2018 - 10/18/2023	1.7 - 4.5	1.8	2.3	Y
36	Prohibited	9/4/2018 - 10/18/2023	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

