

Kilisut Harbor

Annual Shellfish Growing Area Review



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Area: Kilisut Harbor

Year Ending: December 31, 2022

Classification: Approved

Activities in the Growing Area in 2022

The growing area was sampled five times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. The sixth sample was not collected due to vessel mechanical issues. The sample event was made up in February 2023. No additional activities have been documented in the growing area.

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 Kilisut Harbor 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
10	Approved	11/16/2017 - 10/12/2022	1.7 - 6.8	1.8	2.5	Y
11	Approved	11/16/2017 - 10/12/2022	1.7 - 4.5	1.8	2.3	Y
13	Approved	11/16/2017 - 10/12/2022	1.7 - 49.0	2.0	4.6	Y
14	Approved	11/16/2017 - 10/12/2022	1.7 - 7.8	1.9	2.8	Y
16	Approved	11/16/2017 - 10/12/2022	1.7 - 9.3	1.8	2.7	Y
18	Approved	11/16/2017 - 10/12/2022	1.7 - 6.8	1.8	2.5	Y
19	Approved	11/16/2017 - 10/12/2022	1.7 - 11.0	1.9	2.9	Y
20	Approved	11/16/2017 - 10/12/2022	1.4 - 2.0	1.7	1.8	Y
21	Approved	11/16/2017 - 10/12/2022	1.7 - 2.0	1.7	1.8	Y
22	Approved	11/16/2017 - 10/12/2022	1.7 - 2.0	1.7	1.8	Y
23	Approved	11/16/2017 - 10/12/2022	1.7 - 2.0	1.7	1.8	Y
24	Approved	11/16/2017 - 10/12/2022	1.7 - 4.5	1.8	2.5	Y
25	Approved	11/16/2017 - 10/12/2022	1.7 - 49.0	2.1	4.7	Y
172	Approved	11/16/2017 - 10/12/2022	1.7 - 2.0	1.7	1.8	Y
195	Prohibited	11/16/2017 - 10/12/2022	1.7 - 4.5	1.8	2.3	Y
194	Unclassified	11/16/2017 - 10/12/2022	1.7 - 4.0	1.8	2.2	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.

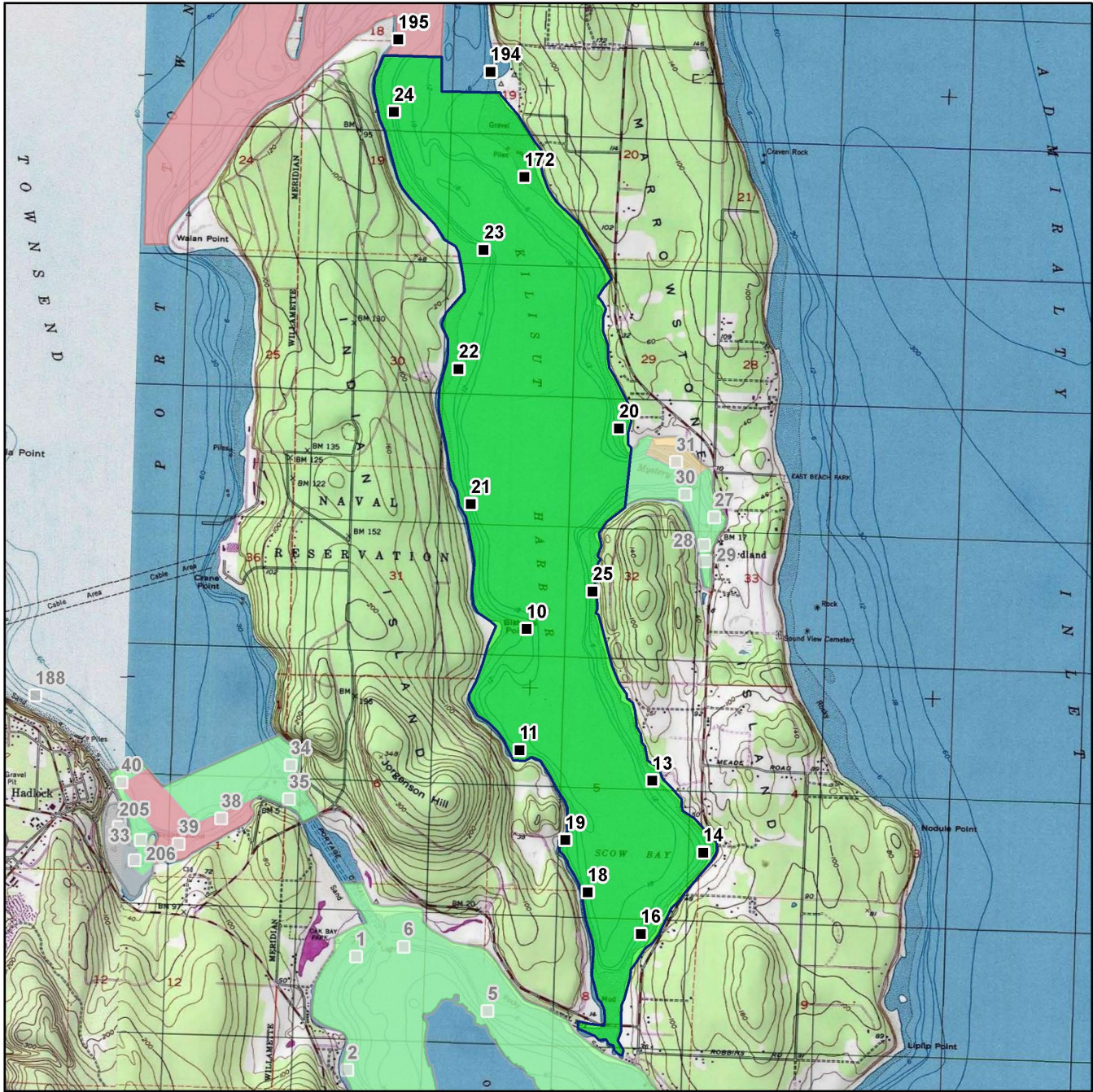
MAP 1. Kilisut Harbor Growing Area

Kilisut Harbor

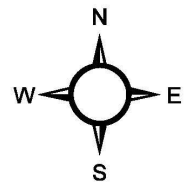


Date Updated: 7/11/2018

0 1 2 Miles



Classification	Sampling Stations
■ Approved	■
■ Conditional	
■ Prohibited	
■ Restricted	
■ Unclassified	



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