

Kilisut Harbor

Annual Shellfish Growing Area Review



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Area: Kilisut Harbor

Year Ending: December 31, 2024

Classification: Approved

Activities in the Growing Area in 2024

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria.

A routine three-year shoreline evaluation was completed, and the Department and Jefferson County Public Health (JCPH) evaluated two agricultural sites, two OSS, and sampled three drainages. One drainage had water quality concerns and was likely impacted by agricultural sites upstream where animals had direct access to surface waters. JCPH asked the owners to move their livestock away from the stream, and after livestock were moved, bacteria levels were reduced in this drainage. No new or changes in pollution sources were identified that impact 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. The summary evaluates water quality at Station 195, located in the Port Townsend Growing Area, due to its proximity to the Kilisut Harbor classified area.

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 Kilisut Harbor Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

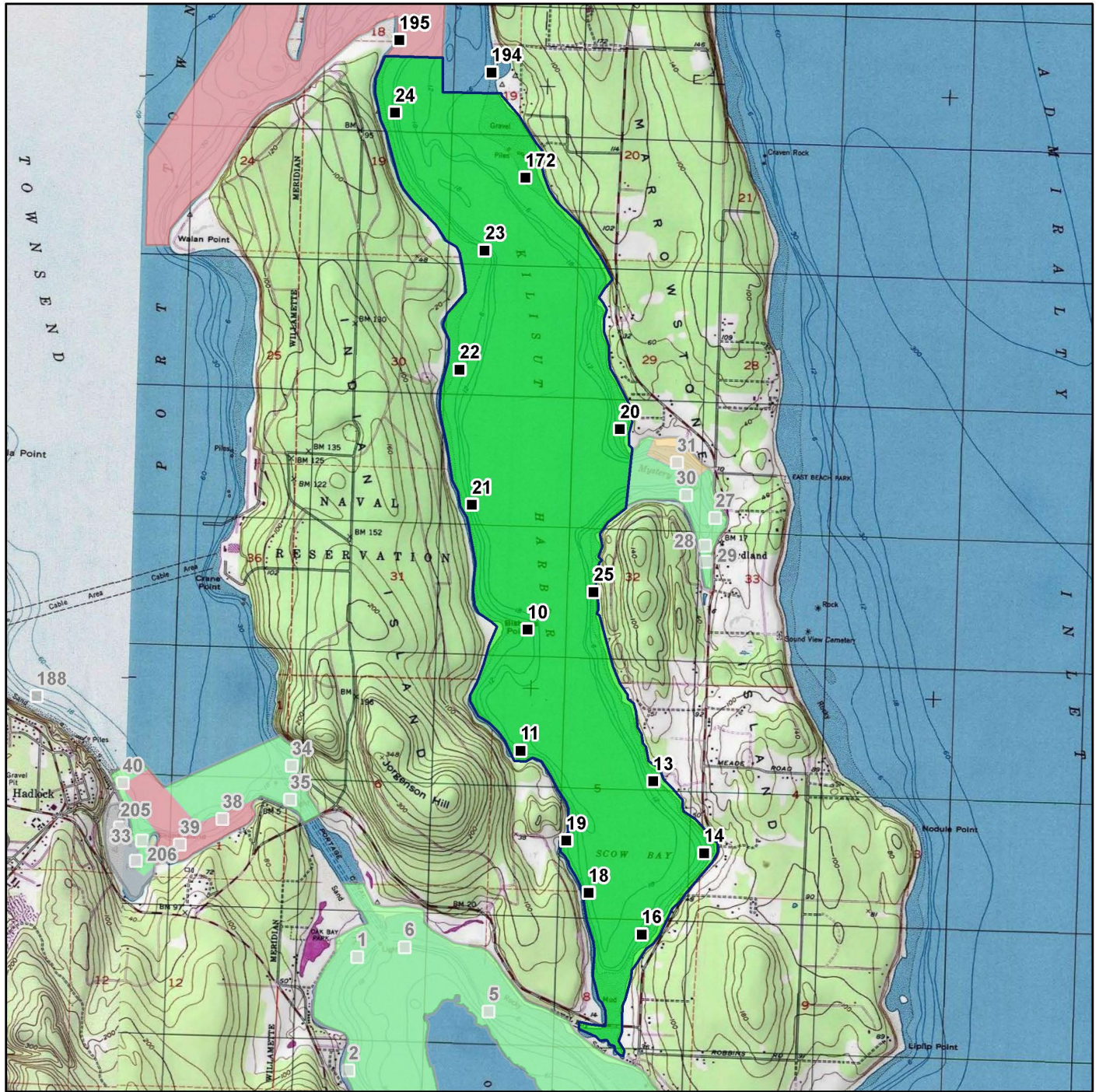
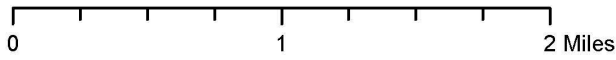
Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
10	Approved	2/6/2020 - 12/9/2024	1.7 - 6.1	1.8	2.4	Y
11	Approved	2/6/2020 - 12/9/2024	1.7 - 4.5	1.8	2.3	Y
13	Approved	2/6/2020 - 12/9/2024	1.7 - 49.0	1.9	4.2	Y
14	Approved	2/6/2020 - 12/9/2024	1.7 - 7.8	1.9	2.8	Y
16	Approved	2/6/2020 - 12/9/2024	1.7 - 9.3	1.8	2.7	Y
18	Approved	2/6/2020 - 12/9/2024	1.7 - 6.8	1.9	2.8	Y
19	Approved	2/6/2020 - 12/9/2024	1.7 - 49.0	2.1	5.0	Y
20	Approved	2/6/2020 - 12/9/2024	1.7 - 7.8	1.8	2.6	Y
21	Approved	2/6/2020 - 12/9/2024	1.7 - 2.0	1.7	1.8	Y
22	Approved	2/6/2020 - 12/9/2024	1.7 - 2.0	1.7	1.8	Y
23	Approved	2/6/2020 - 12/9/2024	1.7 - 2.0	1.7	1.8	Y
24	Approved	2/6/2020 - 12/9/2024	1.7 - 2.0	1.7	1.9	Y
25	Approved	2/6/2020 - 12/9/2024	1.7 - 49.0	2.2	5.8	Y
172	Approved	2/6/2020 - 12/9/2024	1.7 - 2.0	1.7	1.8	Y
195	Prohibited	2/6/2020 - 12/9/2024	1.7 - 2.0	1.7	1.9	Y
194	Unclassified	2/6/2020 - 12/9/2024	1.7 - 4.0	1.7	2.1	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.

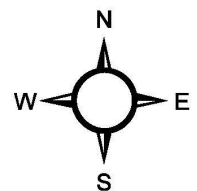
MAP 1. Kilisut Harbor Growing Area



Date Updated: 7/11/2018



Classification		Sampling Stations	
	Approved		
	Conditional		
	Prohibited		
	Restricted		
	Unclassified		



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