

Hood Canal 1

Annual Shellfish Growing Area Review



Prepared By: Kelly Curtis

Area: Hood Canal 1

Year Ending: December 31, 2019

Classification: Approved, Prohibited

Activities in the Growing Area in 2019

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Both Jefferson County and Kitsap Public Health District continued their pollution identification and correction work and their septic system operations and maintenance programs in the region.

Analytical Results of Water Samples

Table 1 summarizes results of the last 30 most recent samples collected from the area. This summary shows that all stations in the area meet 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) Hood Canal 1 Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

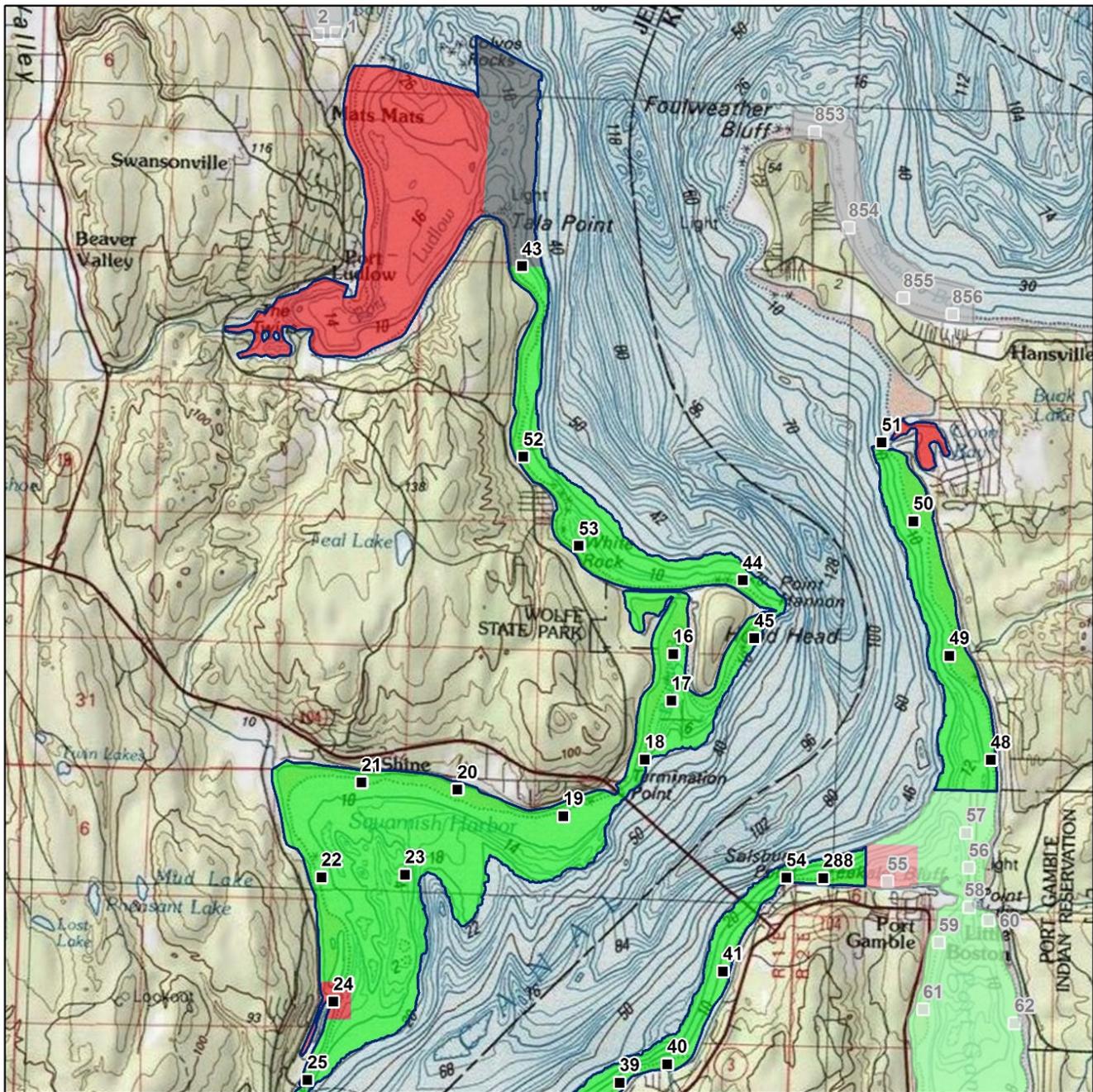
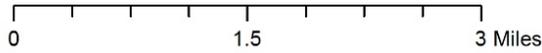
Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
16	Approved	2/12/2015 - 12/19/2019	1.7 - 14.0	2.1	3.8	Y
17	Approved	2/12/2015 - 12/19/2019	1.7 - 4.0	1.8	2.2	Y
18	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.8	2.2	Y
19	Approved	2/12/2015 - 12/19/2019	1.7 - 2.0	1.7	1.8	Y
20	Approved	2/12/2015 - 12/19/2019	1.7 - 7.8	1.8	2.6	Y
21	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.8	2.2	Y
22	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.9	2.8	Y
23	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.8	2.2	Y
25	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.9	2.6	Y
26	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.8	2.3	Y
27	Approved	2/12/2015 - 12/19/2019	1.7 - 13.0	2.1	4.0	Y
28	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.8	2.3	Y
29	Approved	2/12/2015 - 12/19/2019	1.7 - 7.8	1.9	3.0	Y
30	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.8	2.3	Y
31	Approved	9/30/2014 - 12/19/2019	1.7 - 2.0	1.7	1.8	Y
32	Approved	11/12/2014 - 12/19/2019	1.7 - 4.0	1.8	2.2	Y
33	Approved	3/24/2015 - 12/19/2019	1.7 - 4.5	1.8	2.2	Y
34	Approved	2/12/2015 - 12/19/2019	1.7 - 26.0	1.9	3.5	Y
35	Approved	2/12/2015 - 12/19/2019	1.7 - 2.0	1.7	1.8	Y
36	Approved	3/24/2015 - 12/19/2019	1.7 - 11.0	2.0	3.8	Y
37	Approved	2/12/2015 - 12/19/2019	1.7 - 46.0	2.3	5.7	Y
38	Approved	2/12/2015 - 12/19/2019	1.7 - 49.0	2.3	5.7	Y
39	Approved	2/12/2015 - 12/19/2019	1.7 - 4.5	1.8	2.5	Y
40	Approved	2/12/2015 - 12/19/2019	1.7 - 13.0	2.0	4.1	Y
41	Approved	2/12/2015 - 12/19/2019	1.7 - 11.0	1.9	3.0	Y
43	Approved	2/12/2015 - 12/19/2019	1.7 - 11.0	1.9	3.1	Y
44	Approved	2/12/2015 - 12/19/2019	1.7 - 2.0	1.7	1.8	Y
45	Approved	2/12/2015 - 12/19/2019	1.7 - 23.0	1.9	3.4	Y
48	Approved	11/12/2014 - 12/19/2019	1.7 - 11.0	1.9	3.1	Y
49	Approved	2/12/2015 - 12/19/2019	1.7 - 2.0	1.7	1.8	Y
50	Approved	2/12/2015 - 12/19/2019	1.7 - 7.8	1.9	3.0	Y
52	Approved	2/12/2015 - 12/19/2019	1.7 - 17.0	2.0	3.8	Y
53	Approved	2/12/2015 - 12/19/2019	1.7 - 2.0	1.7	1.9	Y
54	Approved	2/12/2015 - 12/19/2019	1.7 - 2.0	1.7	1.8	Y
288	Approved	2/12/2015 - 12/19/2019	1.7 - 7.8	1.9	2.8	Y
304	Approved	2/12/2015 - 12/19/2019	1.7 - 7.8	2.1	3.4	Y
306	Approved	11/12/2014 - 12/19/2019	1.7 - 7.8	2.0	3.5	Y
24	Prohibited	2/12/2015 - 12/19/2019	1.7 - 23.0	2.1	4.7	Y
305	Prohibited	2/12/2015 - 12/19/2019	1.7 - 4.5	1.9	2.7	Y
51	Unclassified	2/12/2015 - 12/19/2019	1.7 - 13.0	2.0	3.5	Y

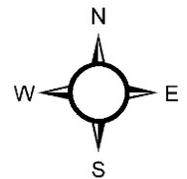
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Hood Canal 1 Growing Area 1 of 3

Hood Canal #1 (1 of 3)



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



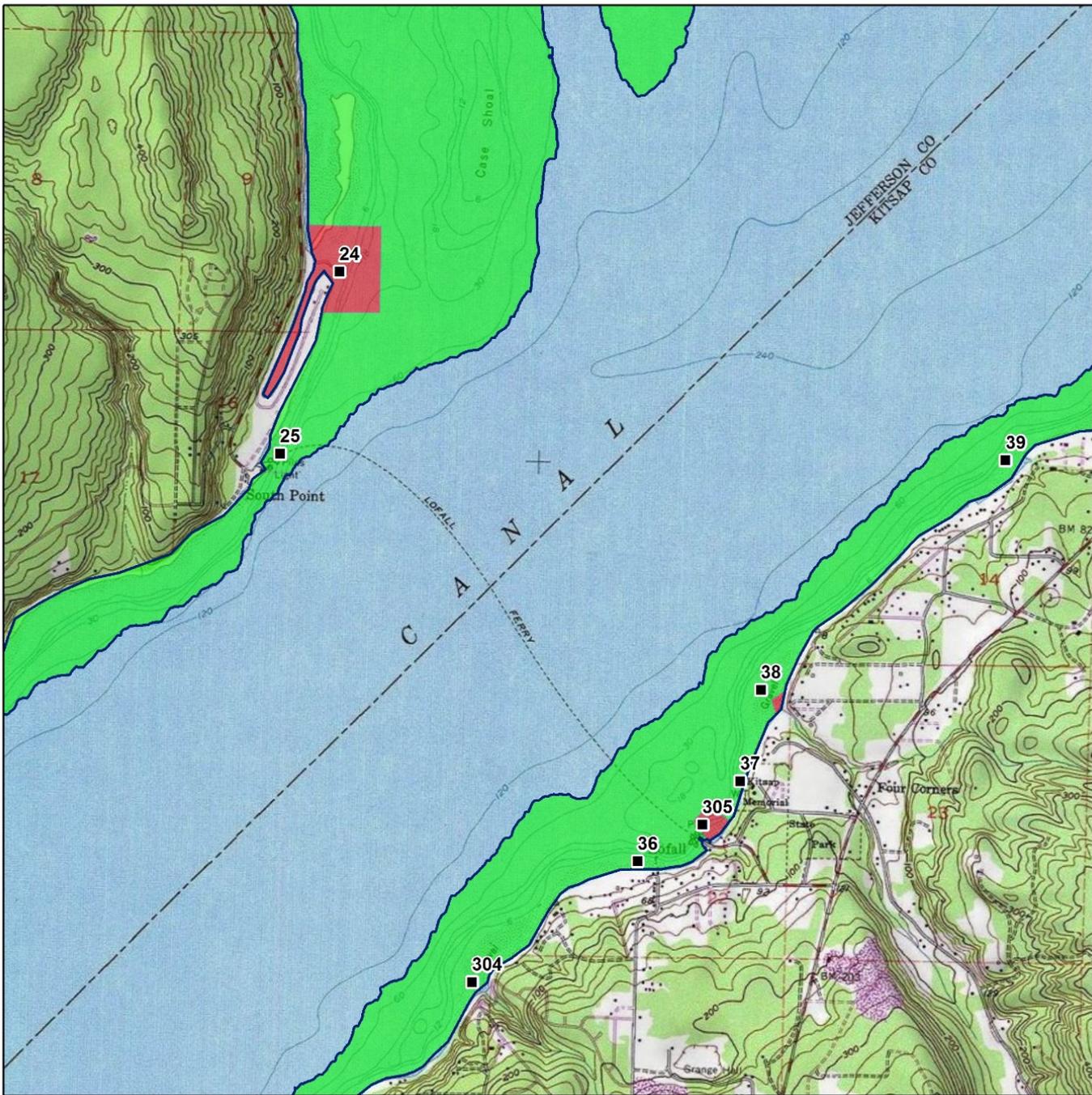
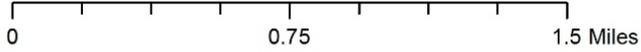
* Some sampling stations are highlighted with grey box for ease of reading.

MAP 2. Hood Canal 1 Growing Area 2 of 3

Hood Canal #1 (2 of 3)

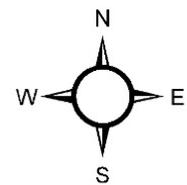


Date Updated: 10/9/2017



Classification	
■	Approved
■	Conditional
■	Prohibited
■	Restricted
■	Unclassified

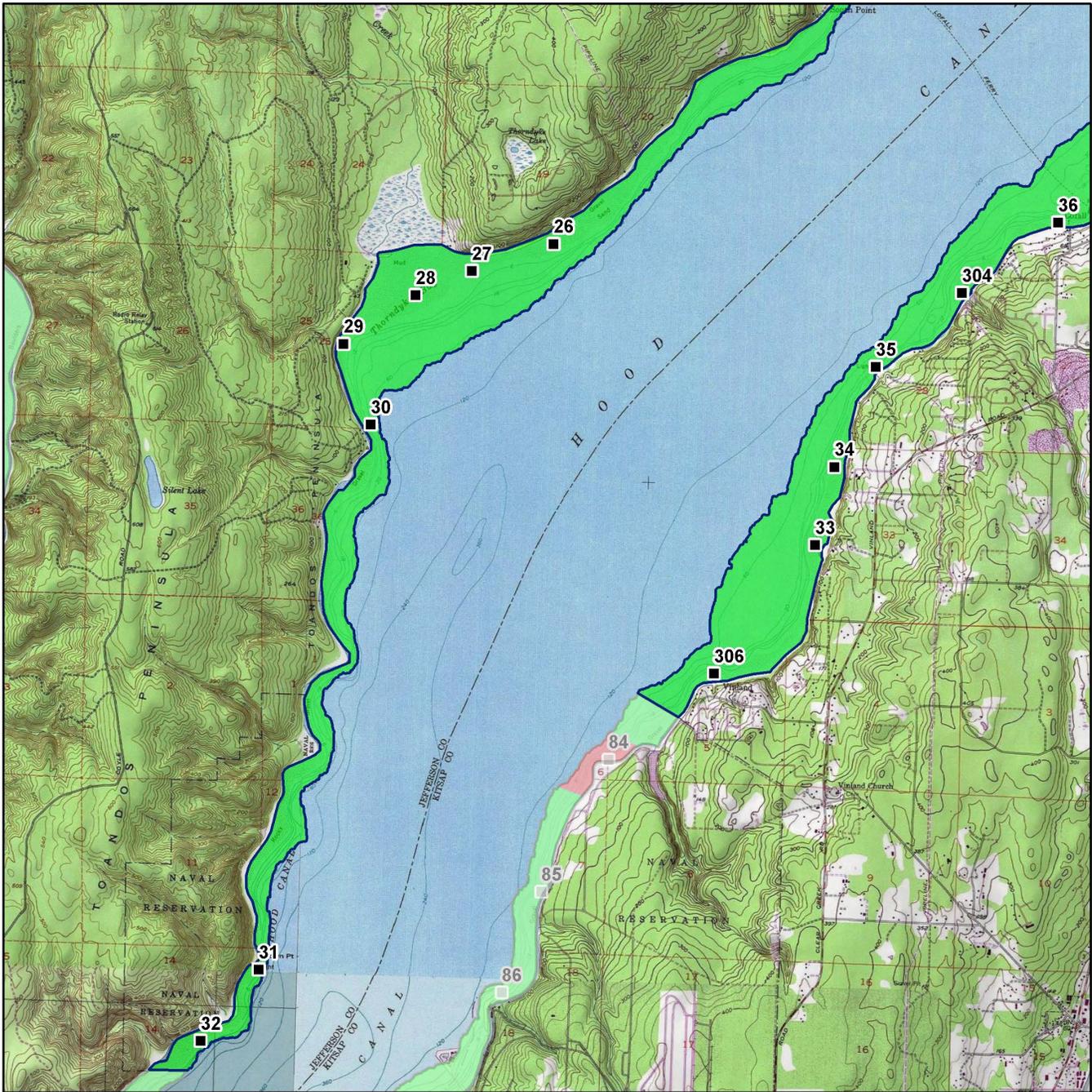
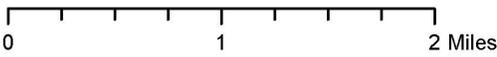
Sampling Stations	
■	



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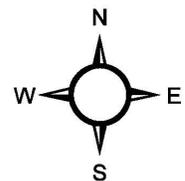
MAP 3. Hood Canal 1 Growing Area 3 of 3

 Hood Canal #1 (3 of 3)



Classification	
	Approved
	Conditional
	Prohibited
	Restricted
	Unclassified

Sampling Stations
■



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