

Hood Canal 3

Annual Shellfish Growing Area Review



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Area: Hood Canal 3

Year Ending: December 31, 2024

Classification: Approved, Conditionally Approved, Prohibited, Restricted

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. Six stations within the Duckabush Conditionally Approved area were sampled 12 times. These stations were sampled five times during the Open status due to a missed sampling event during the Open period. The Conditionally Approved area was closed for 184 days from May 1 through October 31 in accordance with the Conditionally Approved Area Management Plan.

A routine three-year shoreline evaluation was completed, and the Department and Jefferson County Public Health (JCPH) confirmed repairs of two failing OSS. Parcel closures associated with an OSS failure at the Geoduck Restaurant were lifted in 2024 after JCPH confirmed OSS repairs at parcels 502023013, 502023015, and 502023020. No new or changes in pollution sources were identified that impact the Approved portions of the growing area.

In 2024, an evaluation of the three marinas within Pleasant Harbor was completed. The evaluation determined that no change to the existing Prohibited area was required. A comprehensive evaluation report was developed for the evaluation and is available in growing area files.

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. Although Table 1 shows that Station 137 has an estimated 90th percentile of 30.0 FC/100 mL, recently added data decreases this value substantially and Station 137 is not considered Threatened. The area is well within the classification standards.

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

After more closed period data is collected at Station 137 the Department should evaluate whether the Conditionally Approved area and Station 137 can be upgraded. Station 124 and the Restricted portion should be evaluated as well.

Management Plan Evaluation

1. Have all parties involved complied with the conditions of the management plan.....Yes
2. Has reporting been adequate to manage the conditional area.....Yes
3. Does the area consistently meet approved area criteria when it is open for harvest.....Yes
4. Has a field inspection of critical pollution sources been conducted.....Yes

TABLE 1. Summary of Marine Water Data (SRS) for the Hood Canal 3 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
108	Approved	2/13/2020 - 12/12/2024	1.7 - 49.0	2.2	5.4	Y
125	Approved	2/13/2020 - 12/12/2024	1.7 - 79.0	3.5	11.6	Y
126	Approved	2/13/2020 - 12/12/2024	1.7 - 49.0	2.9	8.7	Y
127	Approved	2/13/2020 - 12/12/2024	1.7 - 46.0	2.3	6.2	Y
128	Approved	2/13/2020 - 12/12/2024	1.7 - 11.0	1.9	2.9	Y
130	Approved	2/13/2020 - 12/12/2024	1.7 - 9.3	2.0	3.4	Y
131	Approved	2/13/2020 - 12/12/2024	1.7 - 110.0	2.1	5.8	Y
132	Approved	2/13/2020 - 12/12/2024	1.7 - 240.0	2.3	9.2	Y
133	Approved	2/13/2020 - 12/12/2024	1.7 - 2500.0	2.4	13.6	Y
134	Approved	2/13/2020 - 12/12/2024	1.7 - 350.0	2.3	8.2	Y
135	Approved	2/13/2020 - 12/12/2024	1.7 - 130.0	2.1	6.0	Y
136	Approved	7/25/2022 - 12/12/2024	1.7 - 49.0	2.7	8.1	Y
138	Approved	7/25/2022 - 12/12/2024	1.7 - 49.0	3.0	11.2	Y
139	Approved	7/25/2022 - 12/12/2024	1.7 - 13.0	2.1	3.7	Y
140	Approved	7/25/2022 - 12/12/2024	1.7 - 49.0	2.7	8.5	Y
141	Approved	2/13/2020 - 12/12/2024	1.7 - 13.0	1.9	3.2	Y
142	Approved	7/25/2022 - 12/12/2024	1.7 - 79.0	2.6	7.9	Y
143	Approved	1/28/2020 - 11/20/2024	1.7 - 130.0	2.9	11.4	Y
289	Approved	2/13/2020 - 12/12/2024	1.7 - 6.8	1.9	2.8	Y
290	Approved	2/13/2020 - 12/12/2024	1.7 - 49.0	2.9	9.1	Y
137	Conditionally Approved	7/25/2022 - 12/12/2024	1.7 - 240.0	4.9	30.0	Y
124	Restricted	2/13/2020 - 12/12/2024	1.7 - 110.0	3.6	13.7	Y
313	Unclassified	2/13/2020 - 12/12/2024	1.7 - 79.0	2.5	7.2	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.

TABLE 2. Summary of Marine Water Data (APC) of the Hood Canal 3 Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 15

Tides Included: All

Includes data from the closed period (May through October) only.

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	% of samples > 43 FC/100mL	Meets Std.
137	Conditionally Approved	9/28/2022 - 10/21/2024	1.7 - 240.0	4.8	13.00	N

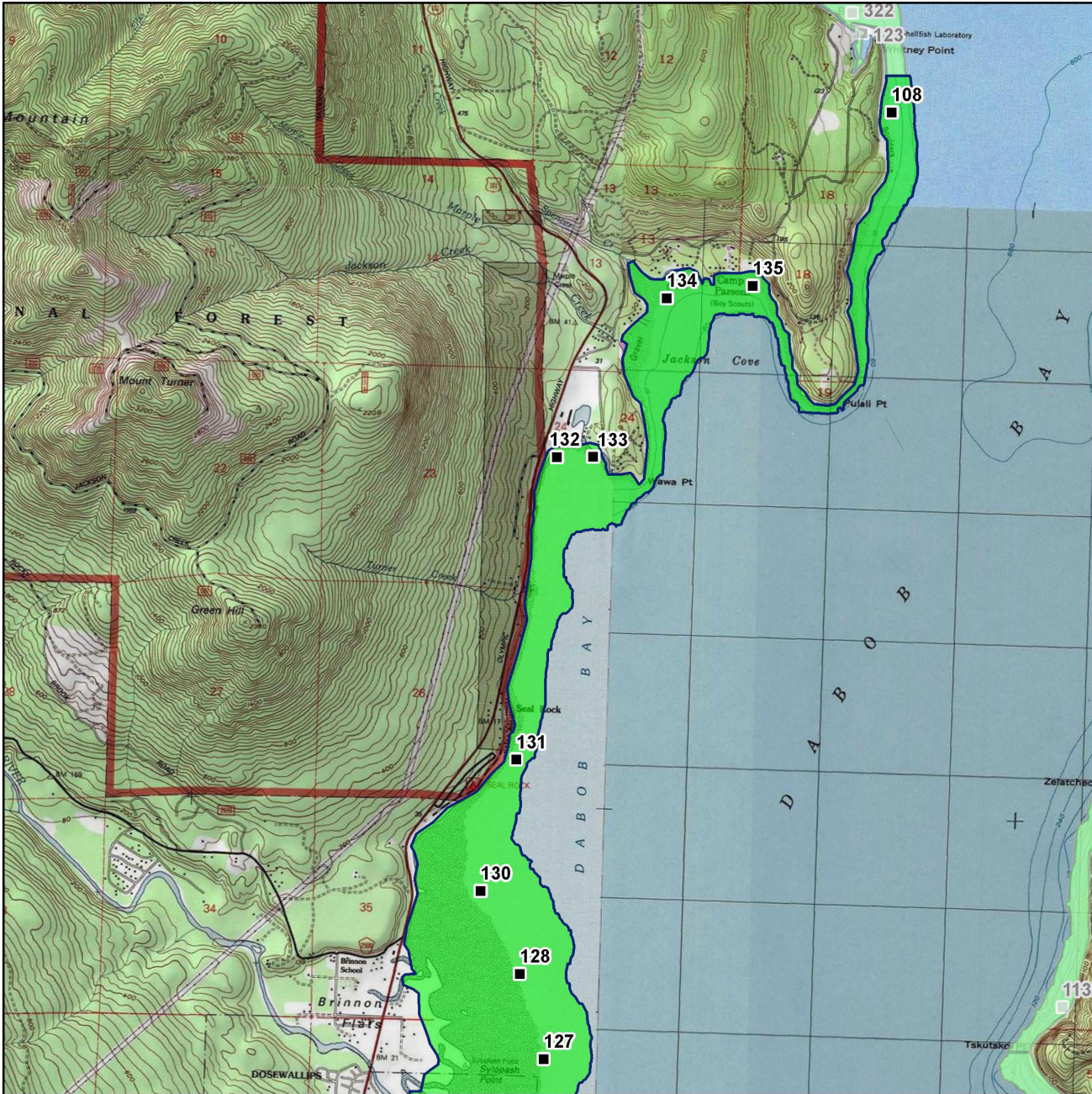
The standard for Approved shellfish growing waters is a fecal coliform geometric mean not greater than 14 organisms / 100 mL with not more than 10 percent greater than 43 organisms / 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Hood Canal #3 Growing Area

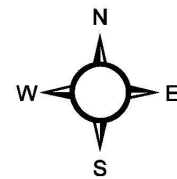
 Hood Canal #3 (1 of 2)



Date Updated: 7/11/2018

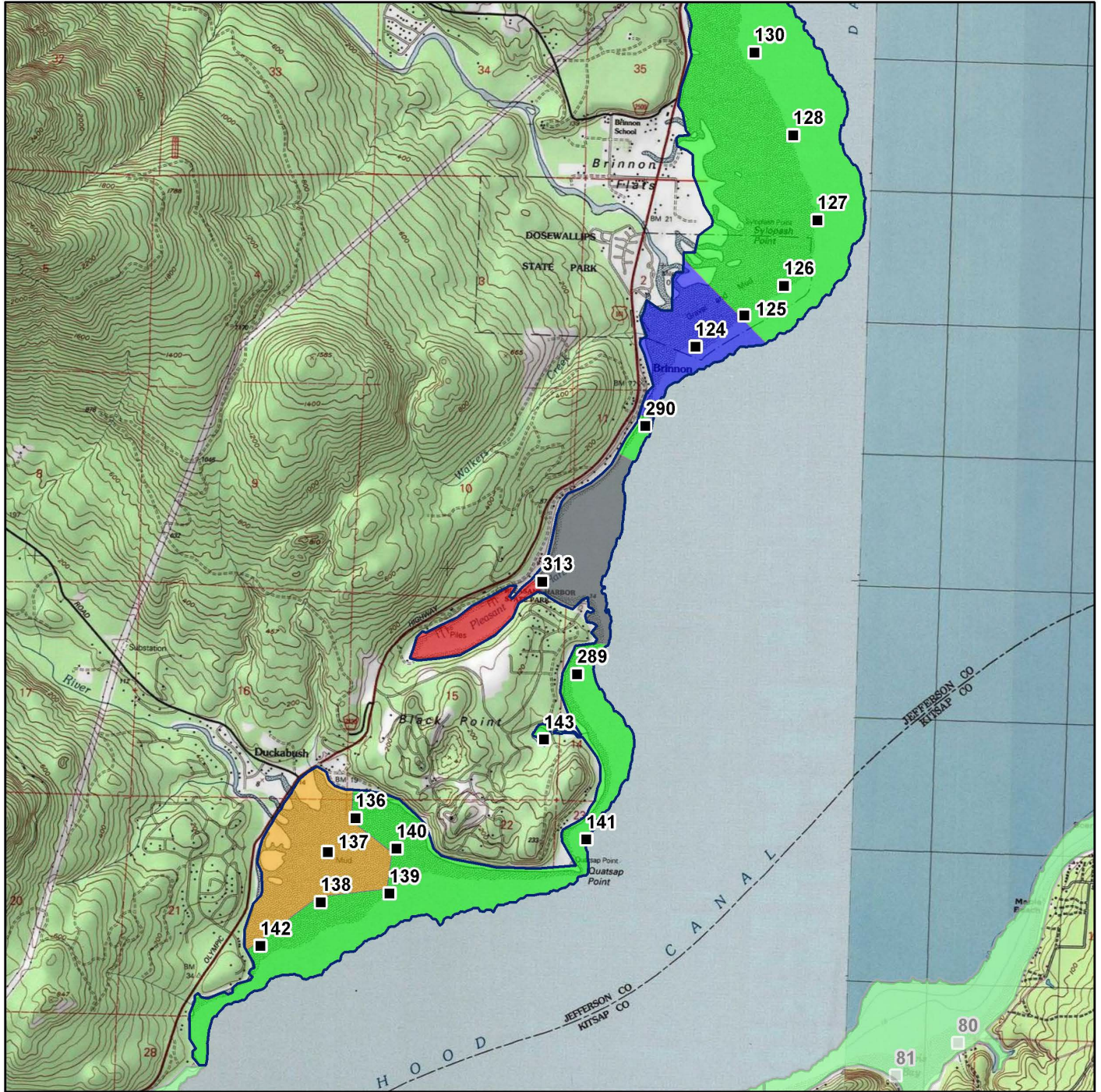


Classification	Sampling Stations
 Approved	
 Conditional	
 Prohibited	
 Restricted	
 Unclassified	



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

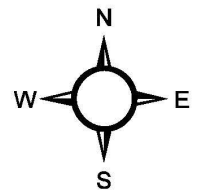
Hood Canal #3 (2 of 2)



Classification

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified

Sampling Stations



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