

Hood Canal 6

Annual Shellfish Growing Area Review



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Area: Hood Canal 6

Year Ending: December 31, 2024

Classification: Approved, Conditionally Approved, Prohibited

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 (SRS) criteria. Station 217 was sampled eight times. Station 291 was sampled three times in Open status. The Alderbrook Marina Conditionally Approved area was closed from May 1 through September 30 due to increased boating activities. There are approved relays from the Restricted area to the Approved portion of Hood Canal 6.

A portion of the growing area near the Alderbrook Resort and Big Bend Creek was closed in March, April, May, and December for a total of 47 days due to sewage spills.

Approximately 30 acres near the mouth of the Tahuya River and stations 216 and 217 were reclassified from Prohibited to Restricted in September due to a harvester request.

The Mason Clean Water District continued to implement the 2018 closure response plan. The Hood Canal Regional PIC workgroup continued to meet.

Analytical Results of Water Samples

Table 1 summarizes the most recent 30 samples collected from each of the sampling stations. All stations meet NSSP Approved standards except Restricted Station 217 with an estimated 90th percentile of 57.8 FC/100mL. Station 316 is Threatened with an estimated 90th percentile of 31.0 FC/100mL. Table 2 shows Station 316 individual data.

Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating the area has any 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

The growing area is classified appropriately.

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 6 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
192	Approved	1/21/2020 - 11/12/2024	1.7 - 920.0	3.1	18.6	Y
207	Approved	1/21/2020 - 11/12/2024	1.7 - 49.0	2.5	7.5	Y
209	Approved	1/21/2020 - 11/12/2024	1.7 - 70.0	3.3	13.2	Y
210	Approved	1/21/2020 - 11/12/2024	1.7 - 79.0	3.4	14.8	Y
212	Approved	1/21/2020 - 11/12/2024	1.7 - 240.0	3.3	15.2	Y
213	Approved	1/21/2020 - 11/12/2024	1.7 - 49.0	4.0	17.3	Y
214	Approved	1/21/2020 - 11/12/2024	1.7 - 49.0	3.2	13.6	Y
215	Approved	1/21/2020 - 11/12/2024	1.7 - 240.0	4.5	25.7	Y
218	Approved	1/21/2020 - 11/12/2024	1.7 - 130.0	4.7	22.2	Y
219	Approved	1/21/2020 - 11/12/2024	1.7 - 49.0	3.3	13.0	Y
220	Approved	1/21/2020 - 11/12/2024	1.7 - 49.0	3.6	13.2	Y
221	Approved	1/21/2020 - 11/12/2024	1.7 - 79.0	3.0	10.7	Y
222	Approved	1/21/2020 - 11/12/2024	1.7 - 170.0	3.6	18.0	Y
223	Approved	1/21/2020 - 11/12/2024	1.7 - 240.0	2.9	14.5	Y
224	Approved	1/21/2020 - 11/12/2024	1.7 - 350.0	3.0	13.1	Y
225	Approved	1/21/2020 - 11/12/2024	1.7 - 350.0	3.6	18.1	Y
226	Approved	1/21/2020 - 11/12/2024	1.7 - 350.0	2.7	10.3	Y
227	Approved	1/21/2020 - 11/12/2024	1.7 - 140.0	2.9	13.8	Y
228	Approved	1/21/2020 - 11/12/2024	1.7 - 79.0	3.1	10.9	Y
229	Approved	1/21/2020 - 11/12/2024	1.7 - 79.0	2.7	9.6	Y
230	Approved	1/21/2020 - 11/12/2024	1.7 - 350.0	4.2	24.8	Y
231	Approved	1/21/2020 - 11/12/2024	1.7 - 240.0	3.3	15.1	Y

TABLE 1 Continued.

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
232	Approved	1/21/2020 - 11/12/2024	1.7 - 79.0	3.4	12.7	Y
233	Approved	1/21/2020 - 11/12/2024	1.7 - 120.0	2.7	10.6	Y
292	Approved	1/21/2020 - 11/12/2024	1.7 - 70.0	4.3	20.2	Y
298	Approved	1/21/2020 - 11/12/2024	1.7 - 130.0	3.2	11.5	Y
309	Approved	1/21/2020 - 11/12/2024	1.7 - 240.0	3.5	21.7	Y
316	Approved	1/21/2020 - 11/12/2024	1.7 - 170.0	5.5	31.0	Y
317	Approved	1/21/2020 - 11/12/2024	1.7 - 23.0	2.0	4.2	Y
318	Approved	1/21/2020 - 11/12/2024	1.7 - 240.0	3.6	17.9	Y
319	Approved	1/21/2020 - 11/12/2024	1.7 - 240.0	3.1	15.4	Y
320	Approved	1/21/2020 - 11/12/2024	1.7 - 1600.0	2.8	16.6	Y
291	Conditionally Approved	5/13/2020 - 11/12/2024	1.7 - 170.0	3.1	13.7	Y
216	Restricted	1/21/2020 - 11/12/2024	1.7 - 350.0	4.4	27.1	Y
217	Restricted	5/13/2020 - 12/12/2024	1.7 - 540.0	6.9	57.8	N

The standard for approved shellfish growing waters is a 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. Marine Water Data Summary for the Threatened Station in Hood Canal 6

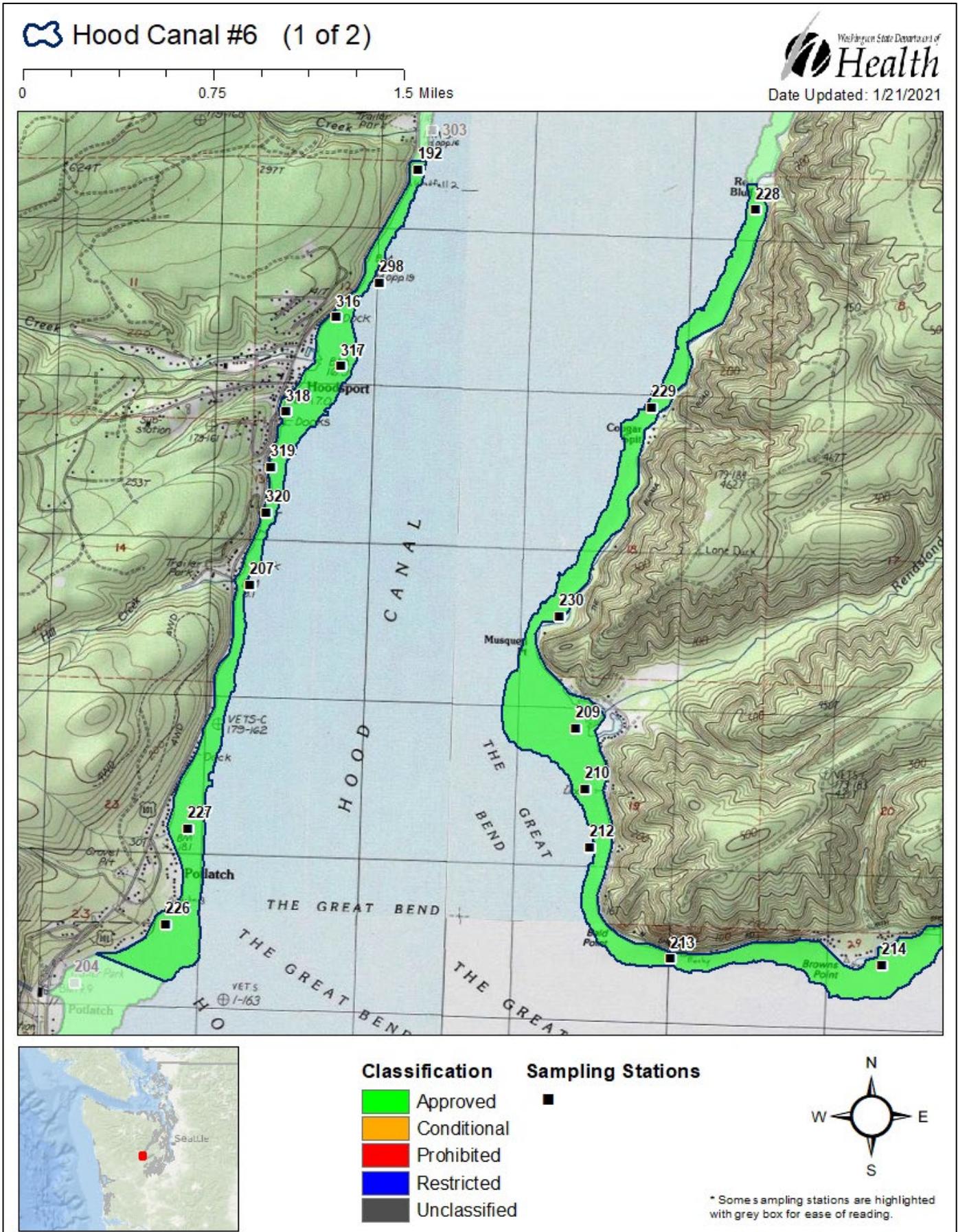
Station: 316

Classification: Approved

Method: SRS

Total Samples: 30 Range (FC/100 mL): 1.7 - 170.0 GeoMean (FC/100 mL): 5.5				Date Range: 01/21/2020 - 11/12/2024 E90th (FC/100 mL): 31.0 Meets Standard: Y		
Sample Date	Event Type	Time	Tide	SWT	Salinity	Fecal Coliform
01/21/2020	Regulatory	10:01	Flood	8	30	4.5
03/03/2020	Regulatory	08:58	Flood	9	23	1.7
05/13/2020	Regulatory	09:02	Flood	12	28	17.0
07/28/2020	Regulatory	13:53	Ebb	21	24	1.7
09/08/2020	Regulatory	11:49	Ebb	18	26	1.7
11/04/2020	Regulatory	12:30	Ebb	12	26	9.3
02/24/2021	Regulatory	12:59	Flood	9	20	1.8
04/19/2021	Regulatory	11:57	Ebb	14	12	23.0
06/29/2021	Regulatory	10:40	Ebb	22	20	170.0
08/30/2021	Regulatory	14:02	Ebb	17	28	1.7
10/26/2021	Regulatory	12:33	Ebb	11	22	33.0
12/08/2021	Regulatory	12:46	Ebb	11	27	33.0
03/23/2022	Regulatory	12:06	Ebb	11	24	4.5
05/23/2022	Regulatory	12:54	Ebb	15	15	13.0
07/26/2022	Regulatory	18:07	Flood	24	24	1.7
09/20/2022	Regulatory	15:49	Flood	19	24	33.0
10/31/2022	Regulatory	13:17	Ebb	11	28	49.0
02/01/2023	Regulatory	13:58	Ebb	7	9	1.7
03/16/2023	Regulatory	13:02	Ebb	9	27	1.7
04/25/2023	Regulatory	10:31	Ebb	11	22	1.7
06/14/2023	Regulatory	16:50	Flood	19	21	2.0
08/23/2023	Regulatory	11:49	Ebb	19	26	13.0
10/04/2023	Regulatory	12:25	Ebb	14	10	1.7
12/20/2023	Regulatory	10:14	Flood	9	16	2.0
01/22/2024	Regulatory	09:55	Flood	7	3	23.0
03/18/2024	Regulatory	09:45	Flood	9	9	7.8
05/06/2024	Regulatory	17:50	Ebb	11	30	1.7
07/16/2024	Regulatory	16:31	Ebb	23	25	1.7
09/09/2024	Regulatory	12:08	Ebb	17	15	1.8
11/12/2024	Regulatory	13:44	Flood	12	29	4.5

MAP 1. Hood Canal 6 Growing Area (1 of 2)



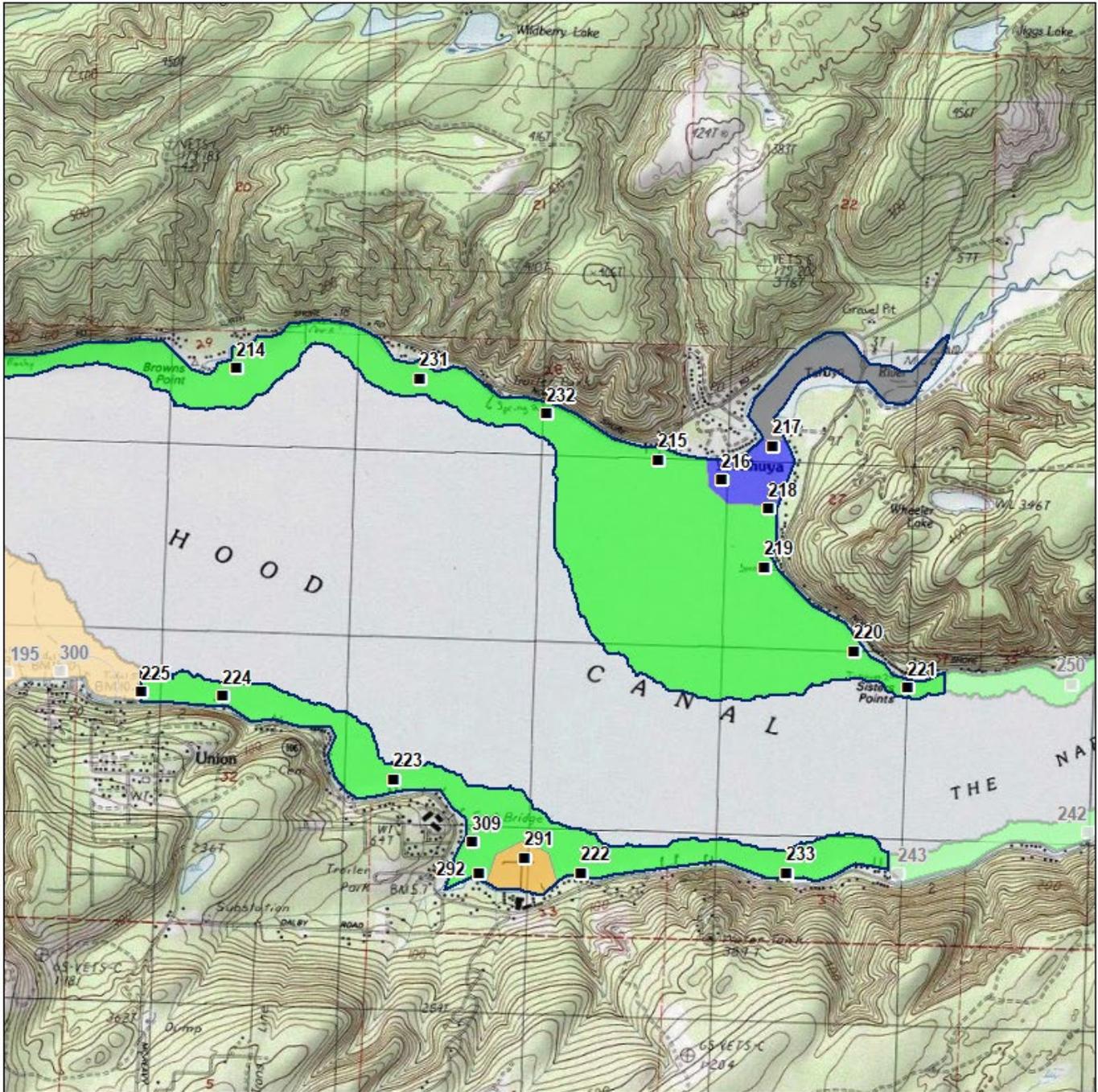
MAP 2. Hood Canal 6 Growing Area (2 of 2)

Hood Canal #6 (2 of 2)



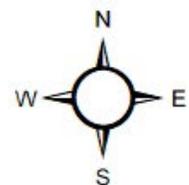
Date Updated: 9/12/2024

0 0.75 1.5 Miles



Classification **Sampling Stations**

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified



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