

# Hood Canal 6

## Annual Shellfish Growing Area Review



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Area: Hood Canal 6

Year Ending: December 31, 2019

Classification: Approved, Conditionally Approved, Prohibited

### Activities in the Growing Area in 2019

The growing area was sampled a minimum of six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) method. Stations in the Conditionally Approved portions were sampled six to nine times in Open status. The Big Bend Creek Conditionally Approved area was closed 5 times for 37 days due to rainfall ( $\geq 1.0$  inch in 24 hours). The Alderbrook Marina Conditionally Approved area was closed from May 1 to October 1 due to boating activities. The eastern portion of the Growing Area was closed for seven days on an emergency basis due to excessive rainfall.

In December, 10 acres near Big Bend Creek were reclassified from Conditionally Approved to Approved and 7 acres near Alderbrook Resort had the rainfall condition removed due to improved marine water quality and pollution identification and correction (PIC) work by Mason County and others in the watershed.

The Hood Canal Coordinating Council received EPA National Estuary Program funds to implement the Hood Canal Regional PIC Plan.

### Analytical Results of Water Samples

Table 1 summarizes the most recent 30 samples collected from each of the sampling stations. It includes samples collected when the Conditionally Approved areas were closed to harvest. All stations meet NSSP standards for an Approved classification, however stations 218 and 225 are categorized as Concerned.

### 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 some concerns
- Meets standards, but threatened with downgrade in classification
- Fails to meet current classification standards

### Remarks and Recommendations

The area is correctly classified.

## 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 Hood Canal 6 Growing Area**

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

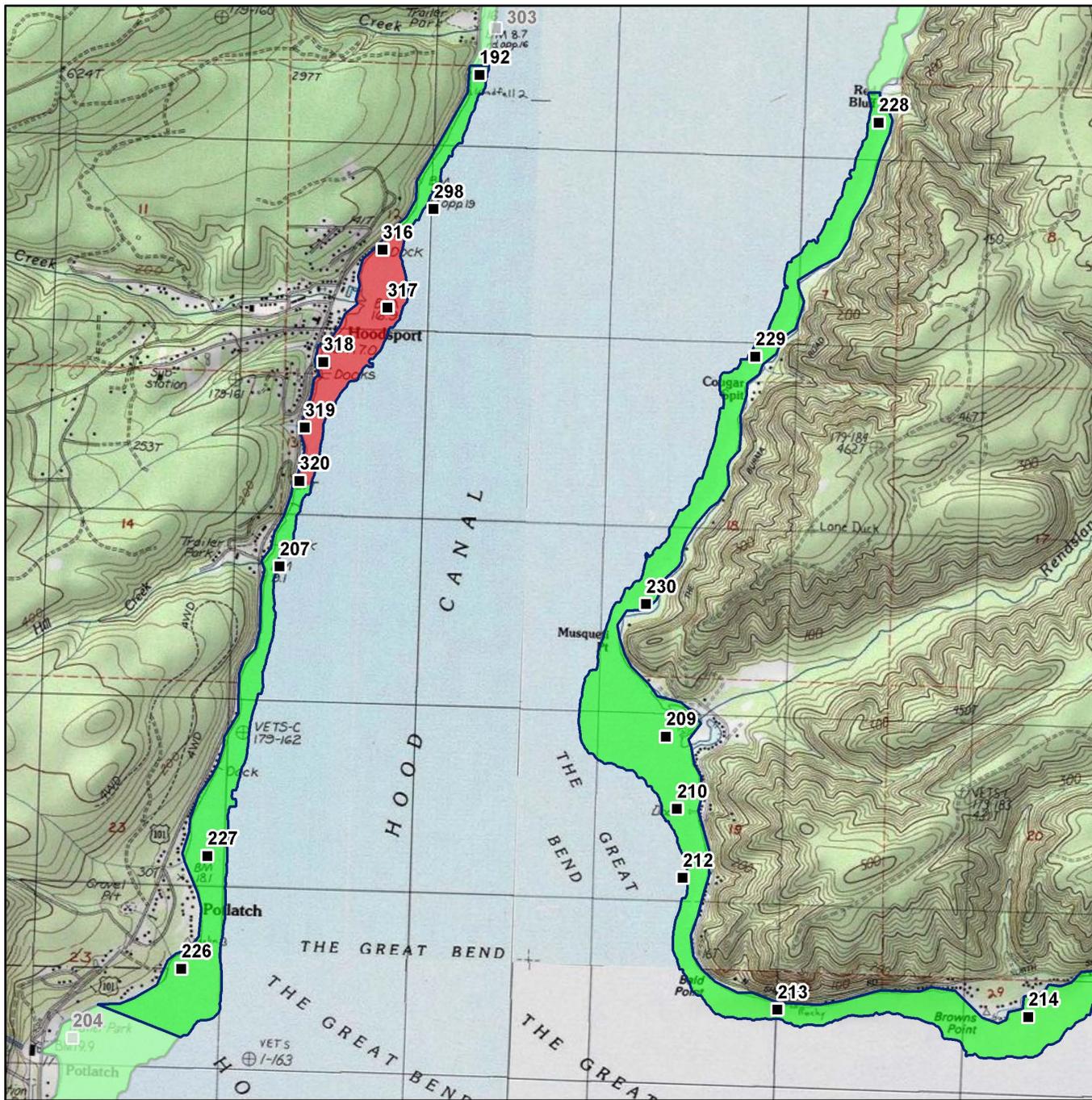
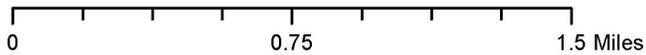
Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
192	Approved	1/27/2015 - 12/4/2019	1.7 - 13.0	2.6	6.4	Y
207	Approved	1/27/2015 - 12/4/2019	1.7 - 14.0	2.4	5.3	Y
209	Approved	1/27/2015 - 12/4/2019	1.7 - 33.0	2.8	7.7	Y
210	Approved	1/27/2015 - 12/4/2019	1.7 - 23.0	2.4	5.7	Y
212	Approved	8/9/2016 - 12/4/2019	1.7 - 110.0	3.0	10.1	Y
213	Approved	8/9/2016 - 12/4/2019	1.7 - 49.0	3.4	13.3	Y
214	Approved	8/9/2016 - 12/4/2019	1.7 - 33.0	2.7	7.9	Y
215	Approved	1/27/2015 - 12/4/2019	1.7 - 31.0	2.8	8.0	Y
216	Approved	1/27/2015 - 12/4/2019	1.7 - 79.0	2.9	8.9	Y
217	Approved	1/27/2015 - 12/4/2019	1.7 - 46.0	4.6	17.3	Y
218	Approved	1/27/2015 - 12/4/2019	1.7 - 130.0	4.4	20.4	Y
219	Approved	1/27/2015 - 12/4/2019	1.7 - 33.0	2.6	6.9	Y
220	Approved	1/27/2015 - 12/4/2019	1.7 - 79.0	2.2	6.1	Y
221	Approved	1/27/2015 - 12/4/2019	1.7 - 130.0	2.0	5.6	Y
222	Approved	1/27/2015 - 12/4/2019	1.7 - 17.0	2.5	5.7	Y
223	Approved	3/26/2015 - 12/4/2019	1.7 - 33.0	3.2	11.0	Y
224	Approved	1/27/2015 - 12/4/2019	1.7 - 70.0	2.8	8.3	Y
225	Approved	1/27/2015 - 12/4/2019	1.7 - 240.0	4.5	27.0	Y
226	Approved	1/27/2015 - 12/4/2019	1.7 - 13.0	2.3	5.1	Y
227	Approved	1/27/2015 - 12/4/2019	1.7 - 6.8	2.1	3.5	Y
228	Approved	1/27/2015 - 12/4/2019	1.7 - 33.0	2.4	6.9	Y
229	Approved	1/27/2015 - 12/4/2019	1.7 - 23.0	2.6	7.4	Y
230	Approved	1/27/2015 - 12/4/2019	1.7 - 920.0	3.3	17.5	Y
231	Approved	1/27/2015 - 12/4/2019	1.7 - 33.0	3.0	9.3	Y
232	Approved	1/27/2015 - 12/4/2019	1.7 - 49.0	2.6	7.6	Y
233	Approved	11/5/2014 - 12/4/2019	1.7 - 130.0	2.3	7.4	Y
292	Approved	3/21/2017 - 12/4/2019	1.7 - 46.0	3.2	10.7	Y
298	Approved	1/27/2015 - 12/4/2019	1.7 - 13.0	2.4	5.0	Y
309	Approved	1/12/2017 - 12/4/2019	1.7 - 240.0	3.0	13.2	Y
291	Conditionally Approved	3/21/2017 - 12/4/2019	1.7 - 49.0	2.6	7.6	Y
316	Prohibited	3/15/2016 - 12/4/2019	1.7 - 14.0	3.1	8.1	Y
317	Prohibited	3/15/2016 - 12/4/2019	1.7 - 33.0	2.3	5.3	Y
318	Prohibited	3/15/2016 - 12/4/2019	1.7 - 23.0	2.7	7.0	Y
319	Prohibited	2/9/2016 - 12/4/2019	1.7 - 220.0	2.5	9.0	Y
320	Prohibited	3/15/2016 - 12/4/2019	1.7 - 17.0	2.3	4.7	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

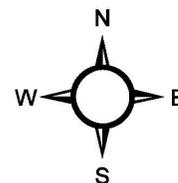
MAP 1. Hood Canal 6 Growing Area 1 of 2

Hood Canal #6 (1 of 2)



- Classification**
- Approved
  - Conditional
  - Prohibited
  - Restricted
  - Unclassified

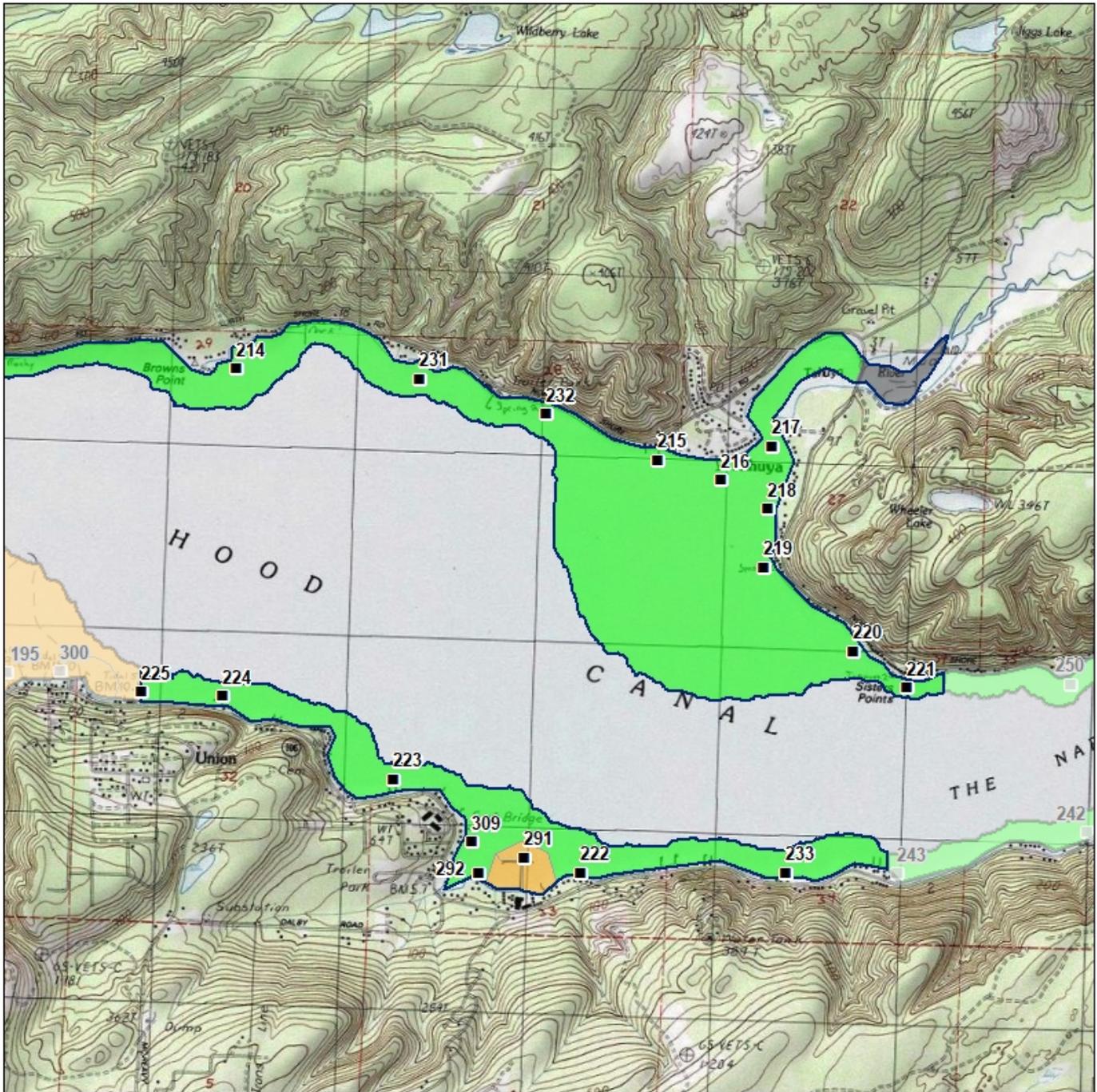
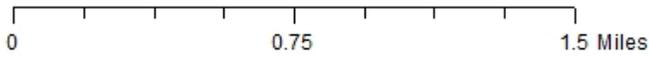
**Sampling Stations**



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

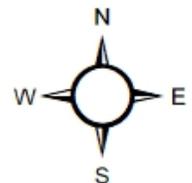
MAP 2. Hood Canal 6 Growing Area 2 of 2

 Hood Canal #6 (2 of 2)



- Classification**
-  Approved
  -  Conditional
  -  Prohibited
  -  Restricted
  -  Unclassified

- Sampling Stations**
- 



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