

Hood Canal 9

Annual Shellfish Growing Area Review



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Area: Hood Canal 9

Year Ending: December 31, 2022

Classification: Approved, Prohibited

Activities in the Growing Area in 2022

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. All the growing area was closed twice for a total of 14 days due to greater than 3 inches of rain in 24 hours. A desk top evaluation of the Belfair WRF was completed and no change in impact to the growing area. A comprehensive evaluation report is in the central growing area file.

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 meet the NSSP water quality standard. Station 283 is in Concerned status with an estimated 90th percentile of 21.4 FC/100mL.

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) for the Hood Canal 9 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
268	Approved	1/11/2018 - 11/14/2022	1.7 - 79.0	3.0	11.7	Y
269	Approved	1/11/2018 - 11/14/2022	1.7 - 33.0	2.7	8.2	Y
270	Approved	1/11/2018 - 11/14/2022	1.7 - 23.0	2.5	5.6	Y
271	Approved	12/13/2017 - 11/14/2022	1.7 - 130.0	2.7	10.0	Y
272	Approved	1/11/2018 - 11/14/2022	1.7 - 33.0	2.2	5.1	Y
273	Approved	1/11/2018 - 11/14/2022	1.7 - 33.0	2.3	5.2	Y
274	Approved	1/11/2018 - 11/14/2022	1.7 - 33.0	2.6	7.3	Y
275	Approved	1/11/2018 - 11/14/2022	1.7 - 70.0	2.8	10.8	Y
276	Approved	1/11/2018 - 11/14/2022	1.7 - 70.0	3.3	12.7	Y
277	Approved	1/11/2018 - 11/14/2022	1.7 - 49.0	2.5	6.7	Y
278	Approved	1/11/2018 - 11/14/2022	1.7 - 70.0	2.4	6.6	Y
279	Approved	1/11/2018 - 11/14/2022	1.7 - 130.0	2.6	7.9	Y
280	Approved	1/11/2018 - 11/14/2022	1.7 - 110.0	3.1	13.3	Y
281	Approved	1/11/2018 - 11/14/2022	1.7 - 49.0	2.5	7.3	Y
282	Approved	1/11/2018 - 11/14/2022	1.7 - 130.0	2.4	7.4	Y
283	Approved	1/11/2018 - 11/14/2022	1.7 - 79.0	4.8	21.4	Y
284	Approved	1/11/2018 - 11/14/2022	1.7 - 79.0	2.6	7.9	Y
286	Approved	1/11/2018 - 11/14/2022	1.7 - 33.0	3.3	10.7	Y
287	Approved	1/11/2018 - 11/14/2022	1.7 - 110.0	2.7	8.5	Y
301	Approved	1/11/2018 - 11/14/2022	1.7 - 33.0	3.8	13.0	Y
302	Approved	1/11/2018 - 11/14/2022	1.7 - 22.0	3.2	9.0	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 9 Growing Area

