

Hood Canal 9

Annual Shellfish Growing Area Review



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Area: Hood Canal 9

Year Ending: December 31, 2021

Classification: Approved, Prohibited

Activities in the Growing Area in 2021

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. Station 271 is missing one sample from December 2021, because the sample bottle leaked.

In June 2021, the Department discovered a map conversion error and adjusted the sanitary line for parcel 122061200020 in the southeast corner of the growing area. The error occurred when the Department switched mapping programs in 2016-2017. The sanitary line correction reclassified approximately 4.5 acres from Prohibited to Approved.

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	2/21/2017 - 12/20/2021	1.7 - 79.0	3.3	12.9	Y
269	Approved	2/21/2017 - 12/20/2021	1.7 - 33.0	2.8	8.4	Y
270	Approved	2/21/2017 - 12/20/2021	1.7 - 23.0	2.7	6.2	Y
271	Approved	11/2/2016 - 10/11/2021	1.7 - 130.0	2.8	10.9	Y
272	Approved	2/21/2017 - 12/20/2021	1.7 - 33.0	2.4	5.5	Y
273	Approved	2/21/2017 - 12/20/2021	1.7 - 33.0	2.4	5.4	Y
274	Approved	2/21/2017 - 12/20/2021	1.7 - 33.0	2.5	7.0	Y
275	Approved	2/21/2017 - 12/20/2021	1.7 - 70.0	2.8	10.8	Y
276	Approved	2/21/2017 - 12/20/2021	1.7 - 70.0	3.3	12.3	Y
277	Approved	2/21/2017 - 12/20/2021	1.7 - 49.0	2.5	7.2	Y
278	Approved	2/21/2017 - 12/20/2021	1.7 - 70.0	2.4	6.6	Y
279	Approved	2/21/2017 - 12/20/2021	1.7 - 130.0	2.6	7.6	Y
280	Approved	2/21/2017 - 12/20/2021	1.7 - 110.0	3.1	13.5	Y
281	Approved	2/21/2017 - 12/20/2021	1.7 - 49.0	2.4	7.0	Y
282	Approved	2/21/2017 - 12/20/2021	1.7 - 130.0	2.5	7.5	Y
283	Approved	2/21/2017 - 12/20/2021	1.7 - 79.0	4.7	21.4	Y
284	Approved	2/21/2017 - 12/20/2021	1.7 - 79.0	2.8	8.5	Y
286	Approved	2/21/2017 - 12/20/2021	1.7 - 33.0	3.5	11.8	Y
287	Approved	2/21/2017 - 12/20/2021	1.7 - 110.0	3.0	9.8	Y
301	Approved	2/21/2017 - 12/20/2021	1.7 - 33.0	3.7	12.1	Y
302	Approved	2/21/2017 - 12/20/2021	1.7 - 22.0	3.1	8.5	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 9 Growing Area

