

Grays Harbor

Annual Shellfish Growing Area Review



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Area: Grays Harbor
Year Ending: December 31, 2024
Classification: 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 criteria. Site visits were completed at the Quinault Marina, Ocean Shores WWTP, Westport WWTP, Westport Marina, Ocean Gold Seafood Processor and Pacific Seafoods Seafood Processor. Prohibited areas were recommended for each of the facilities except for Westport Marina which is already associated with a Prohibited area. It is recommended to complete a Sanitary Survey Addendum in 2025 to reclassify the areas to Prohibited. Most of the areas to be Prohibited are currently unclassified with the exception of a small area that will be reclassified from Approved to Prohibited based on impacts from the Westport WWTP and Pacific Seafoods shared outfall. Comprehensive evaluation reports are in the central growing area file. A routine three-year shoreline evaluation was also completed. There was one emergency closure event in December that closed the Elk River portion of Grays Harbor for seven days due to excessive rainfall (>3 inches/24 hours) measured at the Hoquiam Airport.

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. Station 36 is Threatened with an estimated 90th percentile of 33.2 FC/100mL; however, this station is located in an unclassified area and does not impact any currently classified areas

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

Table 1 shows that all stations meet the NSSP water quality standard for an Approved classification and the area is correctly classified. A 2024 recommendation was to evaluate the area around Station 13 due to its threatened status. This station is no longer in threatened status and point sources that may have an effect in this area were evaluated. A sanitary survey addendum will be completed in 2025 to update the growing area classifications.

TABLE 1. Summary of Marine Water Data (SRS) for the Grays Harbor Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
16	Approved	12/11/2019 - 12/3/2024	1.7 - 110.0	2.3	6.8	Y
18	Approved	1/9/2020 - 12/3/2024	1.7 - 13.0	2.4	5.4	Y
19	Approved	1/9/2020 - 12/3/2024	1.7 - 27.0	2.0	4.0	Y
22	Approved	3/9/2020 - 11/14/2024	1.7 - 110.0	2.3	6.6	Y
23	Approved	12/11/2019 - 11/14/2024	1.7 - 22.0	2.1	4.4	Y
24	Approved	2/11/2020 - 11/14/2024	1.7 - 17.0	2.7	6.4	Y
25	Approved	2/11/2020 - 11/14/2024	1.7 - 33.0	3.0	9.3	Y
26	Approved	12/11/2019 - 11/14/2024	1.7 - 11.0	2.7	5.9	Y
27	Approved	12/11/2019 - 11/14/2024	1.7 - 23.0	3.6	10.3	Y
28	Approved	2/11/2020 - 12/3/2024	1.7 - 33.0	2.6	7.4	Y
29	Approved	2/11/2020 - 12/3/2024	1.7 - 79.0	2.7	9.1	Y
30	Approved	2/11/2020 - 11/14/2024	1.7 - 79.0	2.3	6.1	Y
31	Approved	2/11/2020 - 11/14/2024	1.7 - 23.0	2.2	4.7	Y
32	Approved	1/9/2020 - 12/3/2024	1.7 - 13.0	2.1	3.9	Y
33	Approved	2/11/2020 - 11/14/2024	1.7 - 33.0	2.6	7.7	Y
34	Approved	12/11/2019 - 11/14/2024	1.7 - 49.0	4.1	15.4	Y
35	Approved	12/11/2019 - 11/14/2024	1.7 - 49.0	4.1	15.7	Y
38	Approved	2/11/2020 - 11/14/2024	1.7 - 23.0	3.0	8.9	Y
188	Approved	2/11/2020 - 11/14/2024	1.7 - 79.0	2.2	6.1	Y
191	Approved	1/9/2020 - 12/3/2024	1.7 - 23.0	2.3	5.2	Y
192	Approved	1/9/2020 - 12/3/2024	1.7 - 13.0	2.4	5.8	Y
193	Approved	1/9/2020 - 12/3/2024	1.7 - 23.0	2.5	7.0	Y
194	Approved	2/11/2020 - 11/14/2024	1.7 - 49.0	2.6	7.6	Y
199	Approved	12/11/2019 - 12/3/2024	1.7 - 33.0	2.8	8.5	Y
202	Approved	12/11/2019 - 11/14/2024	1.7 - 17.0	1.8	3.2	Y
13	Unclassified	2/11/2020 - 11/14/2024	1.7 - 79.0	5.2	27.5	Y
36	Unclassified	12/11/2019 - 11/14/2024	1.7 - 79.0	6.5	33.2	Y
37	Unclassified	12/11/2019 - 12/3/2024	1.7 - 33.0	5.5	22.0	Y
209	Unclassified	1/9/2020 - 12/3/2024	1.7 - 23.0	2.4	5.6	Y
218	Unclassified	1/9/2020 - 12/3/2024	1.7 - 33.0	3.0	10.5	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. Grays Harbor Growing Area

