

Quartermaster Harbor

Annual Shellfish Growing Area Review



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Area: Quartermaster Harbor

Year Ending: December 31, 2021

Classification: Approved, Prohibited

Activities in the Growing Area in 2021

The growing area was sampled five times during 2021. One sampling event in October was canceled due to high winds. This event was not rescheduled due to travel, physical distancing, or staffing issues related to the COVID-19 pandemic. Unclassified stations 877 through 879 were sampled 10 times during 2021. Unclassified Station 880 was sampled nine times during 2021. An evaluation of the Dockton and Burton marinas and mooring buoys in the Judd Creek area was conducted in October. Based on this site visit, no classification changes were recommended.

Public Health – Seattle & King County received National Estuary Program grant funding to implement a pollution identification and correction project and enhanced on-site sewage system program targeting the Prohibited and unclassified areas.

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.

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 Quartermaster Harbor 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
361	Approved	11/29/2016 - 12/6/2021	1.7 - 23.0	2.4	5.3	Y
362	Approved	11/29/2016 - 12/6/2021	1.7 - 46.0	2.8	8.6	Y
364	Approved	11/29/2016 - 12/6/2021	1.7 - 17.0	2.7	6.3	Y
365	Approved	11/29/2016 - 12/6/2021	1.7 - 79.0	2.3	5.9	Y
366	Approved	11/29/2016 - 12/6/2021	1.7 - 79.0	2.1	5.5	Y
367	Approved	11/29/2016 - 12/6/2021	1.7 - 70.0	2.5	7.3	Y
369	Approved	11/29/2016 - 12/6/2021	1.7 - 110.0	2.9	11.3	Y
373	Approved	2/23/2017 - 12/6/2021	1.7 - 79.0	2.5	8.3	Y
630	Approved	11/29/2016 - 12/6/2021	1.7 - 70.0	2.4	7.0	Y
632	Approved	11/29/2016 - 12/6/2021	1.7 - 79.0	2.4	6.5	Y
693	Approved	11/29/2016 - 12/6/2021	1.7 - 33.0	2.4	5.9	Y
771	Approved	11/29/2016 - 12/6/2021	1.7 - 33.0	2.1	4.5	Y
368	Prohibited	11/29/2016 - 12/6/2021	1.7 - 49.0	2.9	9.5	Y
371	Prohibited	11/29/2016 - 12/6/2021	1.7 - 33.0	2.2	4.7	Y
372	Prohibited	9/26/2016 - 12/6/2021	1.7 - 79.0	2.5	7.6	Y
631	Prohibited	11/29/2016 - 12/6/2021	1.7 - 23.0	2.1	4.6	Y
688	Prohibited	11/29/2016 - 12/6/2021	1.7 - 46.0	3.0	9.5	Y
689	Prohibited	11/29/2016 - 12/6/2021	1.7 - 79.0	2.7	8.5	Y
690	Prohibited	11/29/2016 - 12/6/2021	1.7 - 33.0	2.5	6.6	Y
691	Prohibited	11/29/2016 - 12/6/2021	1.7 - 49.0	2.1	4.9	Y
692	Prohibited	11/29/2016 - 12/6/2021	1.7 - 540.0	3.0	14.6	Y
363	Unclassified	11/29/2016 - 12/6/2021	1.7 - 7.8	2.1	3.9	Y
877	Unclassified	2/21/2019 - 12/6/2021	1.7 - 13.0	2.3	5.0	Y
878	Unclassified	2/21/2019 - 12/6/2021	1.7 - 17.0	2.2	5.0	Y
879	Unclassified	2/21/2019 - 12/6/2021	1.7 - 13.0	2.0	3.5	Y
880	Unclassified	11/26/2018 - 12/6/2021	1.7 - 11.0	2.0	3.6	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. Quartermaster Harbor Growing Area

