

# Pickering Passage

## Annual Shellfish Growing Area Review



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Area: Pickering Passage

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 the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) method. A routine three-year shoreline evaluation was completed. From 2020-22 Mason County Public Health sampled 12 drainages near Marine Station 52 and the Department conducted monthly sampling from Jones Creek in response to a recent downgrade in classification. No new pollution sources were identified.

Mason Conservation District received EPA National Estuary Program funds through the Washington State Conservation Commission to provide technical assistance and education and outreach to landowners to promote the implementation of livestock best management practices.

### Analytical Results of Water Samples

Table 1 summarizes the results of the of the last 30 samples collected from each of the stations. All stations meet NSSP criteria. Stations 52 and 57 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. The Department should continue to collaborate with the Mason Clean Water District to help find and fix pollution sources in the Jones Cove watershed.

**TABLE 1. Summary of Marine Water Data (SRS) for the Pickering Passage Growing Area**

Sampling Event Type: Regulatory

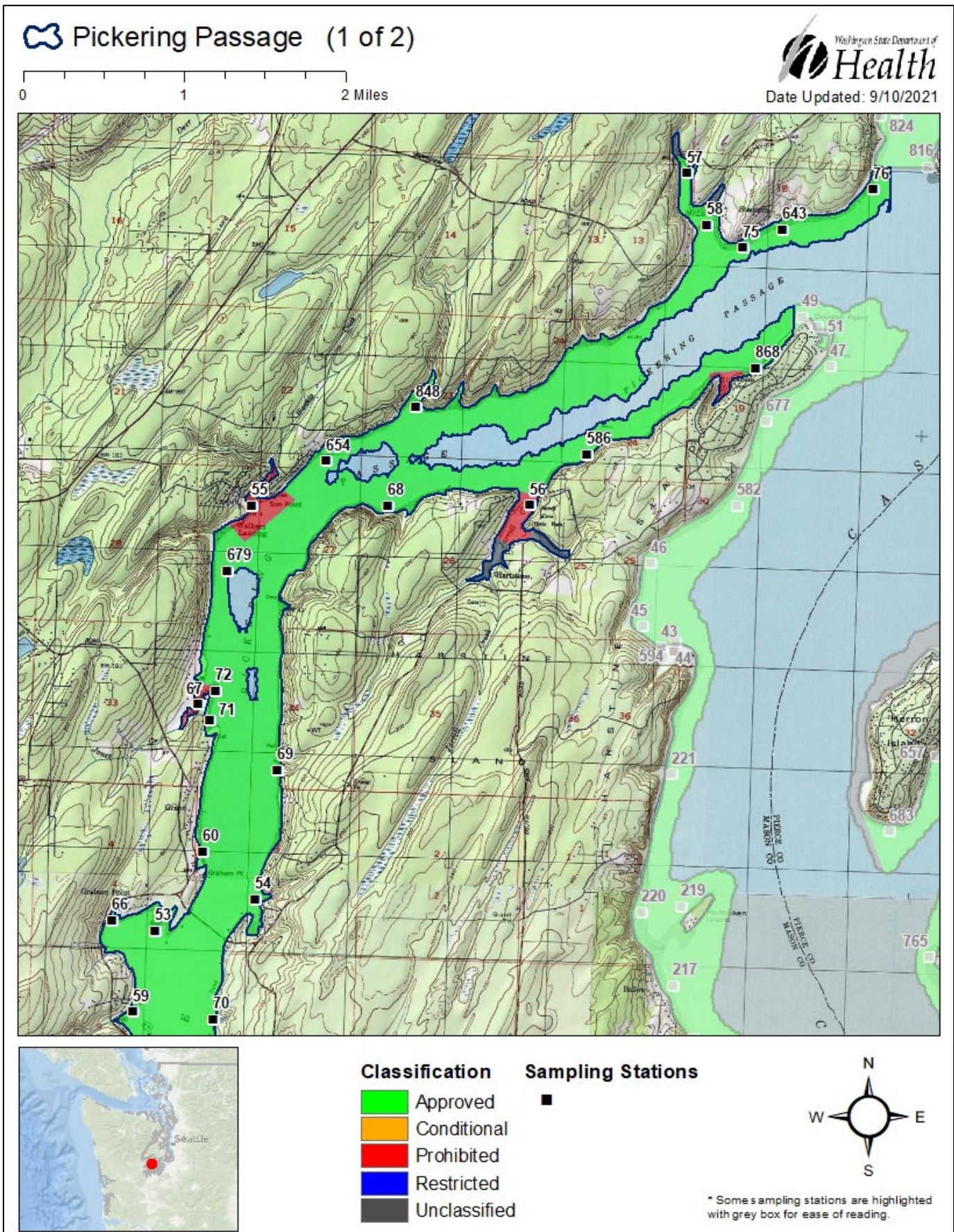
Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
52	Approved	1/24/2018 - 11/16/2022	1.7 - 1600.0	4.0	27.7	Y
53	Approved	1/24/2018 - 11/16/2022	1.7 - 23.0	2.4	5.6	Y
54	Approved	1/24/2018 - 11/16/2022	1.7 - 49.0	3.0	10.7	Y
57	Approved	11/27/2018 - 11/16/2022	1.7 - 110.0	4.3	23.0	Y
58	Approved	11/27/2018 - 11/16/2022	1.7 - 170.0	3.5	19.7	Y
59	Approved	1/24/2018 - 11/16/2022	1.7 - 49.0	2.7	8.4	Y
60	Approved	1/24/2018 - 11/16/2022	1.7 - 49.0	2.4	6.4	Y
61	Approved	1/24/2018 - 11/16/2022	1.7 - 6.8	2.1	3.6	Y
62	Approved	1/24/2018 - 11/16/2022	1.7 - 33.0	2.7	7.6	Y
63	Approved	1/24/2018 - 11/16/2022	1.7 - 4.5	1.9	2.6	Y
64	Approved	1/24/2018 - 11/16/2022	1.7 - 4.5	2.0	3.2	Y
65	Approved	1/24/2018 - 11/16/2022	1.7 - 4.5	2.0	3.0	Y
66	Approved	1/24/2018 - 11/16/2022	1.7 - 350.0	3.5	16.8	Y
68	Approved	1/24/2018 - 11/16/2022	1.7 - 23.0	2.1	4.7	Y
69	Approved	1/24/2018 - 11/16/2022	1.7 - 33.0	2.7	7.0	Y
70	Approved	1/24/2018 - 11/16/2022	1.7 - 49.0	2.4	7.0	Y
71	Approved	1/24/2018 - 11/16/2022	1.7 - 49.0	2.9	8.7	Y
72	Approved	1/24/2018 - 11/16/2022	1.7 - 4.5	2.1	3.4	Y
74	Approved	1/24/2018 - 11/16/2022	1.7 - 9.2	1.9	3.0	Y
75	Approved	1/24/2018 - 11/16/2022	1.7 - 49.0	2.7	8.7	Y
76	Approved	1/24/2018 - 11/16/2022	1.7 - 21.0	2.0	3.9	Y
586	Approved	1/24/2018 - 11/16/2022	1.7 - 12.0	2.0	3.6	Y
643	Approved	1/24/2018 - 11/16/2022	1.7 - 170.0	2.4	7.8	Y
654	Approved	1/24/2018 - 11/16/2022	1.7 - 13.0	2.1	4.6	Y
679	Approved	1/24/2018 - 11/16/2022	1.7 - 9.3	2.2	4.2	Y
768	Approved	1/24/2018 - 11/16/2022	1.7 - 7.8	1.9	2.9	Y
769	Approved	1/24/2018 - 11/16/2022	1.7 - 13.0	2.0	3.3	Y
770	Approved	1/24/2018 - 11/16/2022	1.7 - 4.5	1.8	2.3	Y
848	Approved	1/24/2018 - 11/16/2022	1.7 - 49.0	2.8	9.8	Y
868	Approved	11/27/2018 - 11/16/2022	1.7 - 7.8	2.1	3.5	Y
55	Prohibited	1/24/2018 - 11/16/2022	1.7 - 79.0	3.4	14.5	Y
56	Prohibited	1/24/2018 - 11/16/2022	1.7 - 350.0	3.1	14.0	Y
67	Prohibited	1/24/2018 - 11/16/2022	1.7 - 920.0	9.3	114.6	N

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. Pickering Passage Growing Area 1 of 2



MAP 2. Pickering Passage Growing Area 2 of 2

