

# Port Madison

## Annual Shellfish Growing Area Review



Prepared By: Michael Friese

Area: Port Madison

Year Ending: December 31, 2019

Classification: Approved, Restricted, Prohibited

### Activities in the Growing Area in 2019

The growing area was sampled a minimum of six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. The entire growing area was closed for 21 days beginning on July 29 due to a sewage discharge from the Seattle West Point Treatment Plant. No additional activities have been documented in the growing area.

### 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 standards for an Approved classification and the area is correctly classified.

**TABLE 1. Summary of Marine Water Data (SRS) Port Madison 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
508	Approved	1/13/2015 - 11/21/2019	1.7 - 6.8	2.0	3.2	Y
509	Approved	1/13/2015 - 11/21/2019	1.7 - 13.0	2.4	5.3	Y
510	Approved	1/13/2015 - 11/21/2019	1.7 - 7.8	2.0	3.2	Y
511	Approved	1/13/2015 - 11/21/2019	1.7 - 27.0	2.2	5.2	Y
512	Approved	1/13/2015 - 11/21/2019	1.7 - 13.0	2.0	3.6	Y
513	Approved	1/13/2015 - 11/21/2019	1.7 - 11.0	2.2	4.1	Y
514	Approved	1/13/2015 - 11/21/2019	1.7 - 6.8	1.9	2.8	Y
515	Approved	1/13/2015 - 11/21/2019	1.7 - 11.0	1.9	3.1	Y
516	Approved	1/13/2015 - 11/21/2019	1.7 - 4.5	2.0	3.1	Y
517	Approved	1/13/2015 - 11/21/2019	1.7 - 13.0	1.9	3.2	Y
518	Approved	1/13/2015 - 11/21/2019	1.7 - 13.0	2.1	4.1	Y
519	Approved	1/13/2015 - 11/21/2019	1.7 - 7.8	1.9	2.9	Y
520	Approved	1/13/2015 - 11/21/2019	1.7 - 13.0	1.9	3.5	Y
521	Approved	1/13/2015 - 11/21/2019	1.7 - 7.8	1.9	2.9	Y
522	Approved	1/13/2015 - 11/21/2019	1.7 - 23.0	2.2	4.4	Y
597	Approved	1/13/2015 - 11/21/2019	1.7 - 11.0	2.2	4.3	Y
602	Approved	3/25/2015 - 11/21/2019	1.7 - 7.8	2.1	3.8	Y
637	Approved	12/4/2014 - 11/21/2019	1.7 - 6.1	1.9	2.7	Y
638	Approved	1/13/2015 - 11/21/2019	1.7 - 23.0	2.1	4.6	Y
648	Approved	1/13/2015 - 11/21/2019	1.7 - 17.0	3.1	8.3	Y
773	Prohibited	1/13/2015 - 11/21/2019	1.7 - 13.0	2.1	4.1	Y
757	Restricted	12/17/2014 - 12/16/2019	1.7 - 350.0	22.2	120.4	N

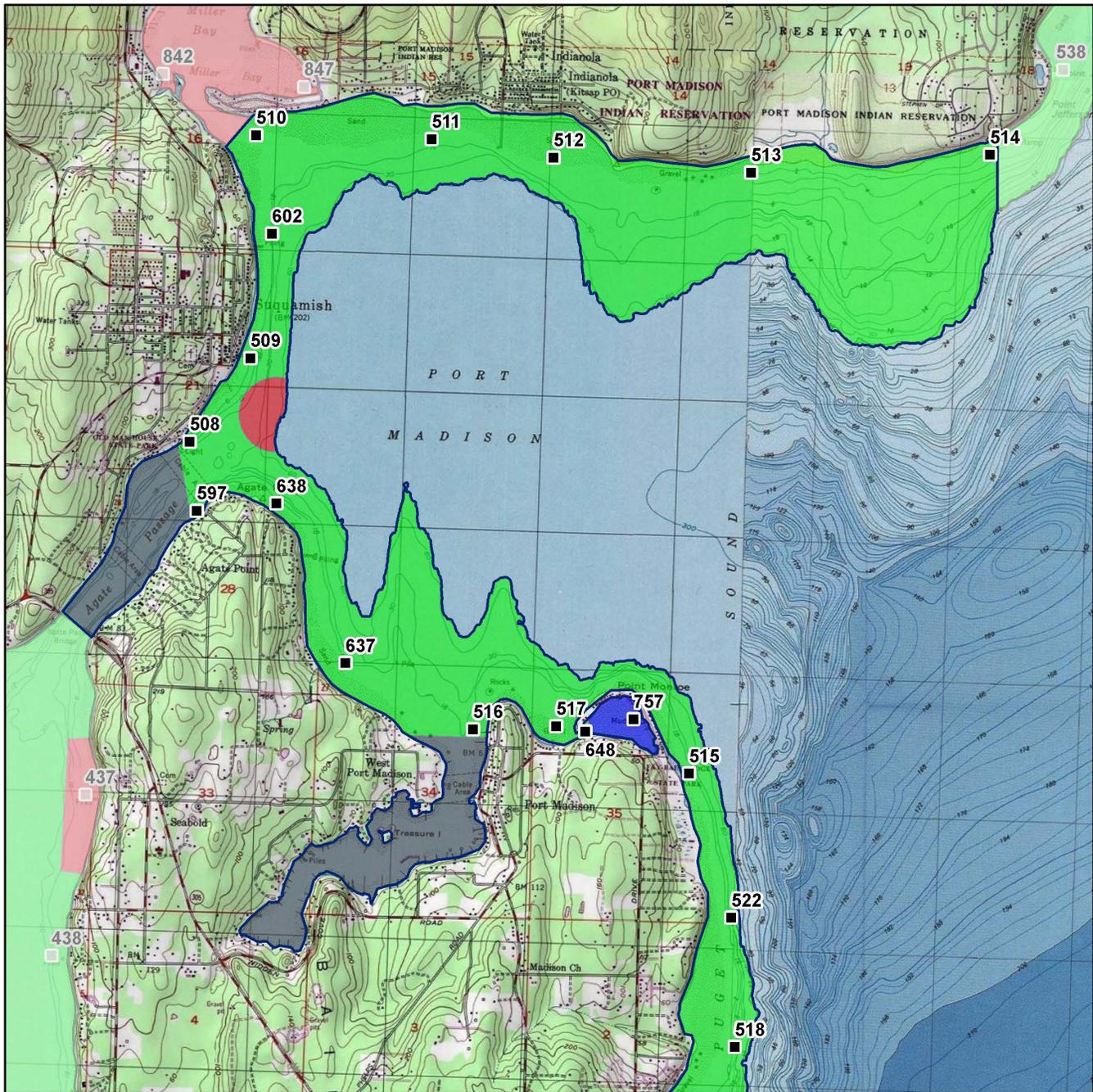
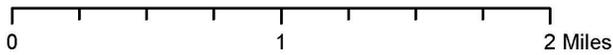
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Port Madison Growing Area 1 of 2

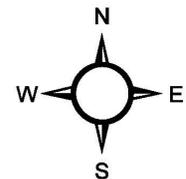
Port Madison (1 of 2)



Date Updated: 7/11/2018



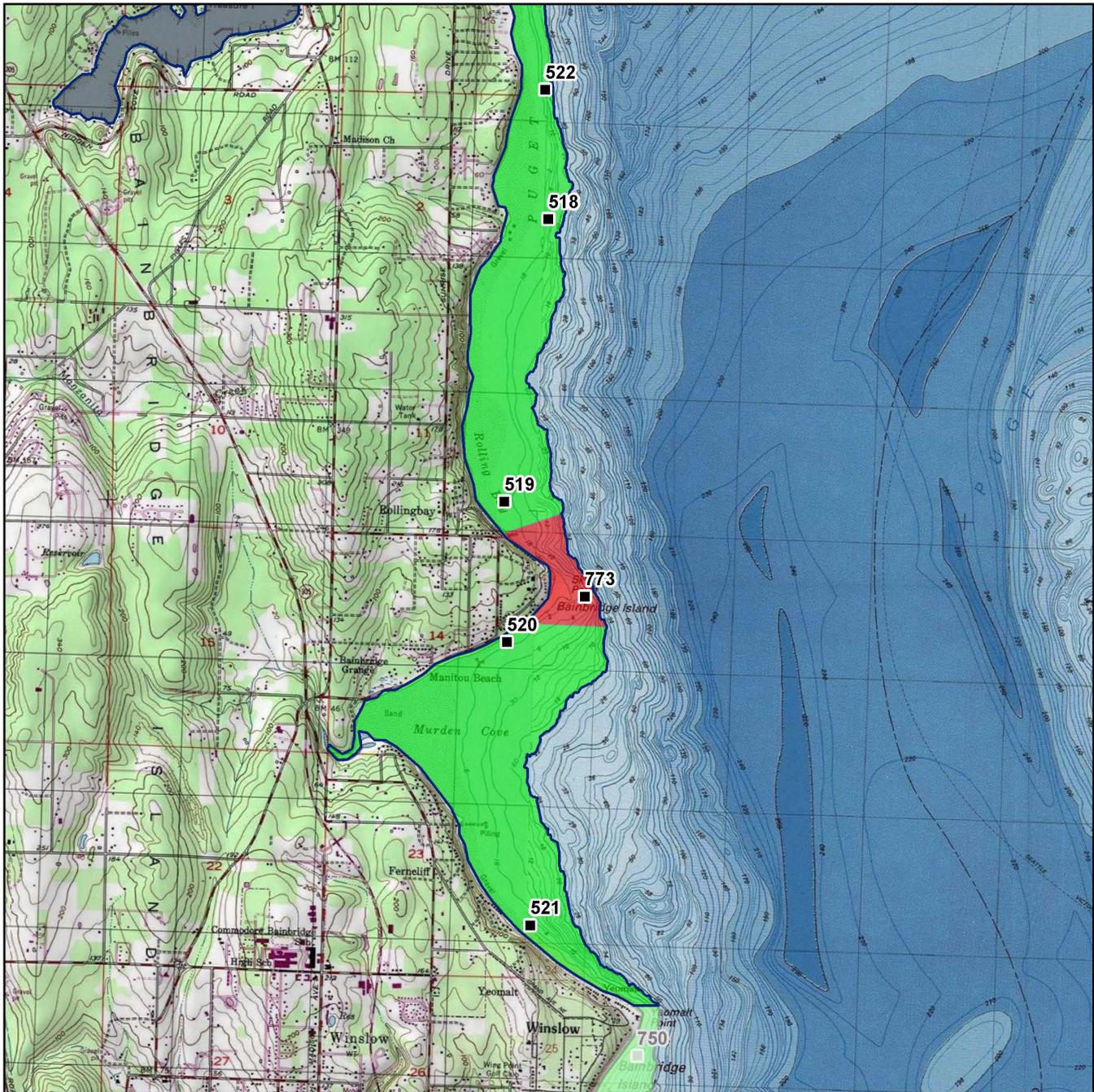
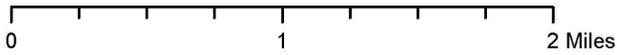
Classification	Sampling Stations
<span style="color: green;">■</span> Approved	<span style="background-color: grey;">■</span>
<span style="color: orange;">■</span> Conditional	
<span style="color: red;">■</span> Prohibited	
<span style="color: blue;">■</span> Restricted	
<span style="background-color: grey;">■</span> Unclassified	



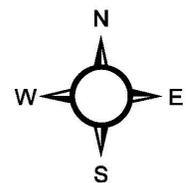
\* Some sampling stations are highlighted with grey box for ease of reading.

MAP 2. Port Madison Growing Area 2 of 2

Port Madison (2 of 2)



Classification	Sampling Stations
<span style="display:inline-block; width:15px; height:15px; background-color: #00FF00; border: 1px solid black;"></span> Approved	<span style="display:inline-block; width:10px; height:10px; background-color: black; border: 1px solid grey;"></span>
<span style="display:inline-block; width:15px; height:15px; background-color: #FFA500; border: 1px solid black;"></span> Conditional	
<span style="display:inline-block; width:15px; height:15px; background-color: #FF0000; border: 1px solid black;"></span> Prohibited	
<span style="display:inline-block; width:15px; height:15px; background-color: #0000FF; border: 1px solid black;"></span> Restricted	
<span style="display:inline-block; width:15px; height:15px; background-color: #808080; border: 1px solid black;"></span> Unclassified	



\* Some sampling stations are highlighted with grey box for ease of reading.