

Miller Bay

Annual Shellfish Growing Area Review



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Area: Miller Bay

Year Ending: December 31, 2019

Classification: Approved, 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 Department reclassified 236 acres from Prohibited to Approved due to improved marine water quality and pollution control work by Kitsap County and others.

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. Marine water stations 843 and 845 are categorized as Concerned with estimated 90th percentiles of 22.1 and 26.9 FC/100 mL, respectively.

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. Prior to 2019, the entire Miller Bay Growing Area had been Prohibited.

TABLE 1. Summary of Marine Water Data (SRS) Miller Bay 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
842	Approved	4/13/2016 - 11/21/2019	1.7 - 26.0	3.7	10.9	Y
843	Approved	4/13/2016 - 11/21/2019	1.7 - 170.0	4.9	22.1	Y
844	Approved	4/13/2016 - 11/21/2019	1.7 - 79.0	4.8	19.2	Y
845	Approved	4/13/2016 - 11/21/2019	1.7 - 240.0	5.3	26.9	Y
846	Approved	4/13/2016 - 11/21/2019	1.7 - 33.0	3.3	11.0	Y
847	Approved	4/13/2016 - 11/21/2019	1.7 - 94.0	3.7	15.1	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.

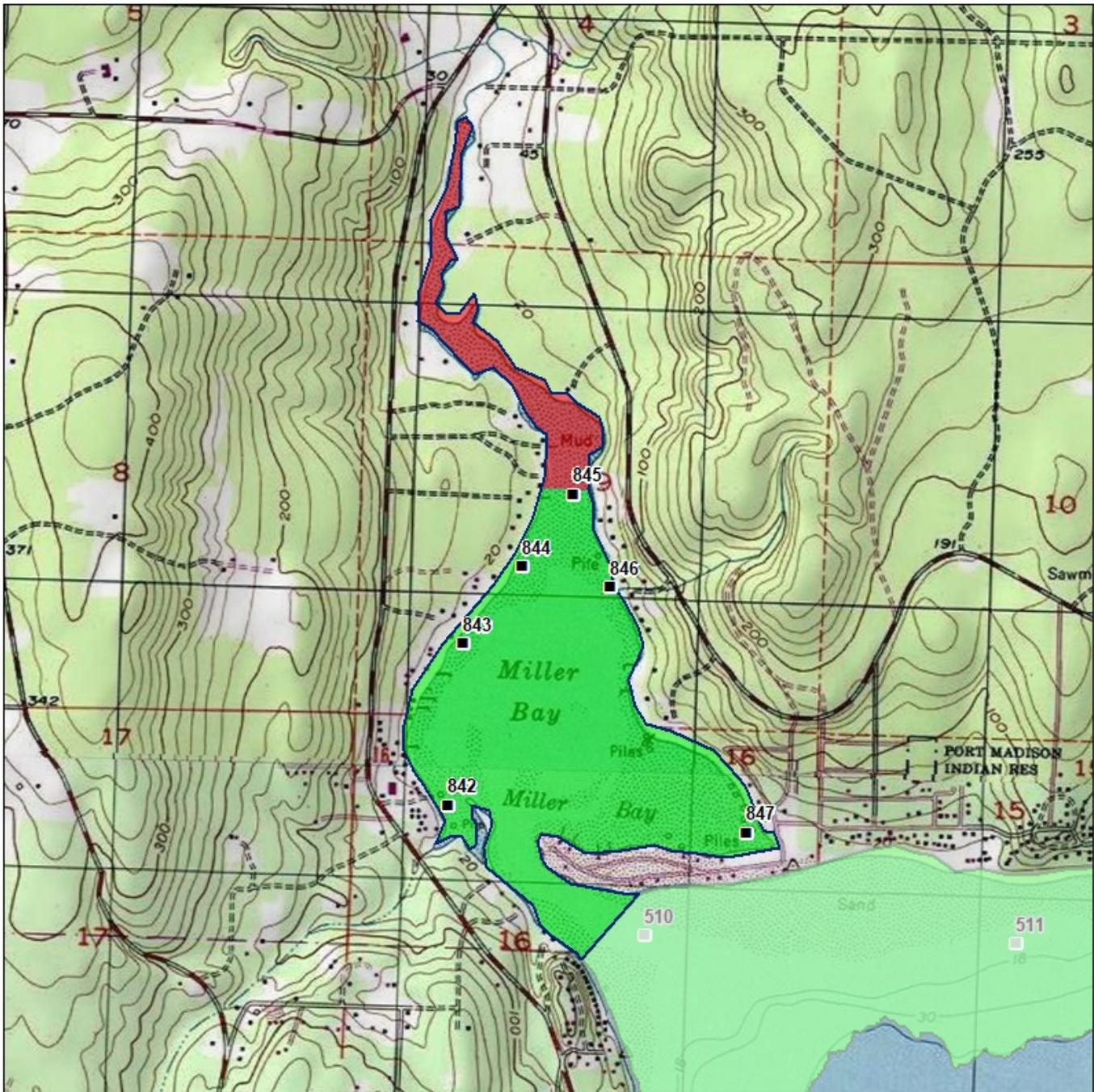
MAP 1. Miller Bay Growing Area

 Miller Bay

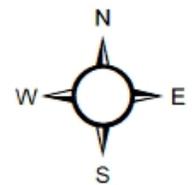


Date Updated: 7/15/2019

0 0.5 1 Miles



Classification	Sampling Stations
 Approved	
 Conditional	
 Prohibited	
 Restricted	
 Unclassified	



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