

Port Blakely

Annual Shellfish Growing Area Review



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Area: Port Blakely

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. Stations 415 through 420 are in Inactive status and were sampled two times. Station 414 is also Inactive but was sampled five times. Stations 414 through 420 were placed in Inactive status in July 2016 and will again need to be in Active status by July 2021.

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 Station 418 is categorized as Concerned with an estimated 90th percentile of 20.4 FC/100 mL.

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 Blakely 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
413	Approved	1/13/2015 - 11/21/2019	1.7 - 6.8	1.9	2.9	Y
414	Approved	12/4/2014 - 11/21/2019	1.7 - 13.0	2.0	3.5	Y
415	Approved	3/30/2009 - 11/21/2019	1.7 - 46.0	2.8	8.7	Y
416	Approved	3/30/2009 - 11/21/2019	1.7 - 31.0	3.3	9.7	Y
417	Approved	3/30/2009 - 11/21/2019	1.7 - 33.0	3.9	13.2	Y
418	Approved	3/30/2009 - 11/21/2019	1.7 - 79.0	5.2	20.4	Y
419	Approved	3/30/2009 - 11/21/2019	1.7 - 33.0	2.9	7.9	Y
420	Approved	11/30/2009 - 11/21/2019	1.7 - 7.8	2.3	4.5	Y
421	Approved	10/15/2014 - 11/21/2019	1.7 - 7.8	2.0	3.3	Y
749	Approved	3/25/2015 - 11/21/2019	1.7 - 2.0	1.7	1.8	Y
750	Approved	1/13/2015 - 11/21/2019	1.7 - 33.0	2.1	5.1	Y
760	Approved	12/4/2014 - 11/21/2019	1.7 - 23.0	2.1	4.4	Y
761	Approved	1/13/2015 - 11/21/2019	1.7 - 13.0	2.0	3.6	Y
779	Prohibited	1/13/2015 - 11/21/2019	1.7 - 23.0	2.2	4.8	Y

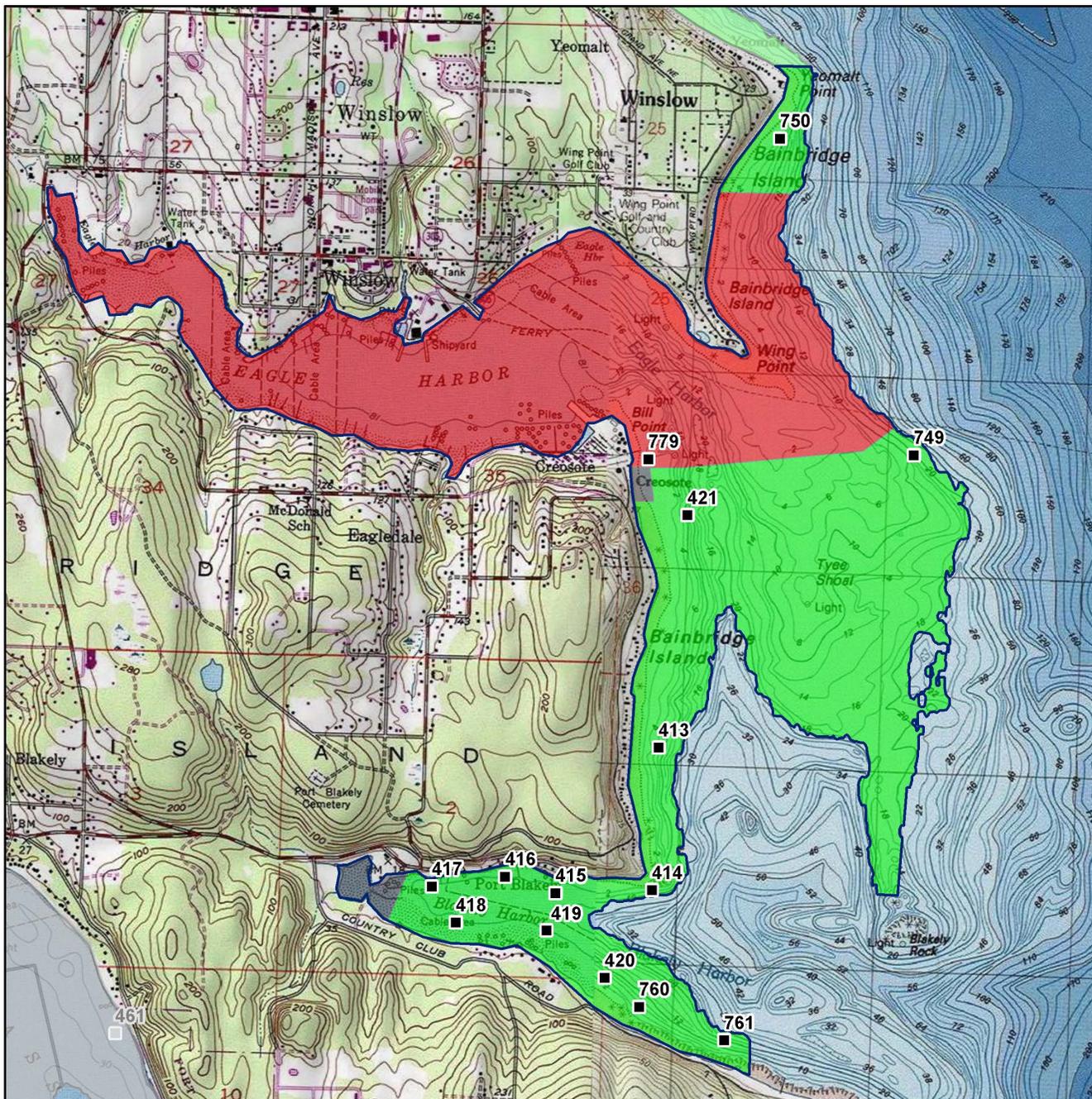
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Port Blakely Growing Area

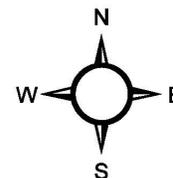
 Port Blakely


 Washington State Department of
Health
 Date Updated: 7/11/2018

0 0.75 1.5 Miles



Classification	Sampling Stations
 Approved	
 Conditional	
 Prohibited	
 Restricted	
 Unclassified	



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