

Reach Island

Annual Shellfish Growing Area Review



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Area: Reach Island

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 growing area was closed for seven days due to excessive rainfall (3.64 inches) reported at the Rocky Creek rain gage. No additional activities have been documented in the growing area.

Analytical Results of Water Samples

Table 1 summarizes the results of a minimum of the last 30 samples collected from the area. Station 859 has 23 samples. 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) Reach Island Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

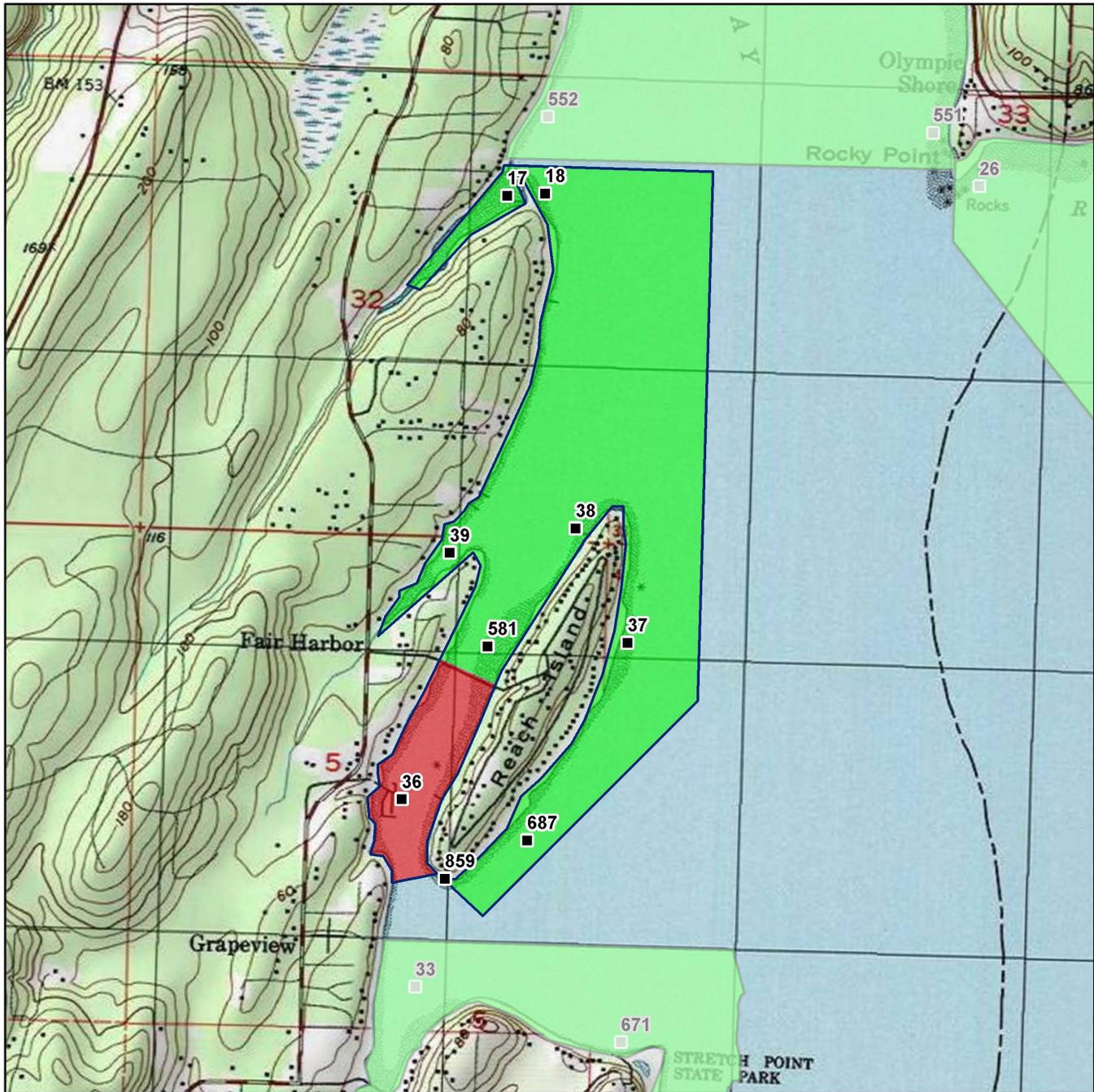
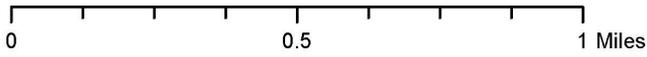
Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
17	Approved	2/24/2015 - 12/3/2019	1.7 - 21.0	2.7	7.1	Y
18	Approved	2/24/2015 - 12/3/2019	1.7 - 33.0	2.2	5.0	Y
37	Approved	2/24/2015 - 12/3/2019	1.7 - 9.3	2.0	3.3	Y
38	Approved	2/24/2015 - 12/3/2019	1.7 - 13.0	2.1	4.2	Y
39	Approved	2/24/2015 - 12/3/2019	1.7 - 23.0	2.2	4.5	Y
581	Approved	2/24/2015 - 12/3/2019	1.7 - 4.5	1.8	2.3	Y
687	Approved	2/24/2015 - 12/3/2019	1.7 - 4.5	1.8	2.3	Y
859	Approved	3/31/2016 - 12/3/2019	1.7 - 7.8	2.0	3.7	*N/A
36	Prohibited	2/24/2015 - 12/3/2019	1.7 - 22.0	2.0	3.7	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.

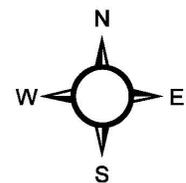
* N/A – SRS criteria require a minimum of 30 samples from each station.

MAP 1. Reach Island Growing Area

 Reach Island



Classification		Sampling Stations
	Approved	
	Conditional	
	Prohibited	
	Restricted	
	Unclassified	



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