

Cedar River

Annual Shellfish Growing Area Review



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Area: Cedar River

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 the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. No additional activities have been documented in the growing area.

Analytical Results of Water Samples

Table 1 summarizes results of the 30 most recent samples collected from the area. All stations in the Approved area meet NSSP water quality standard. Stations 219 and 220 have not reached the minimum 30 samples required to meet SRS criteria.

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) Cedar River Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

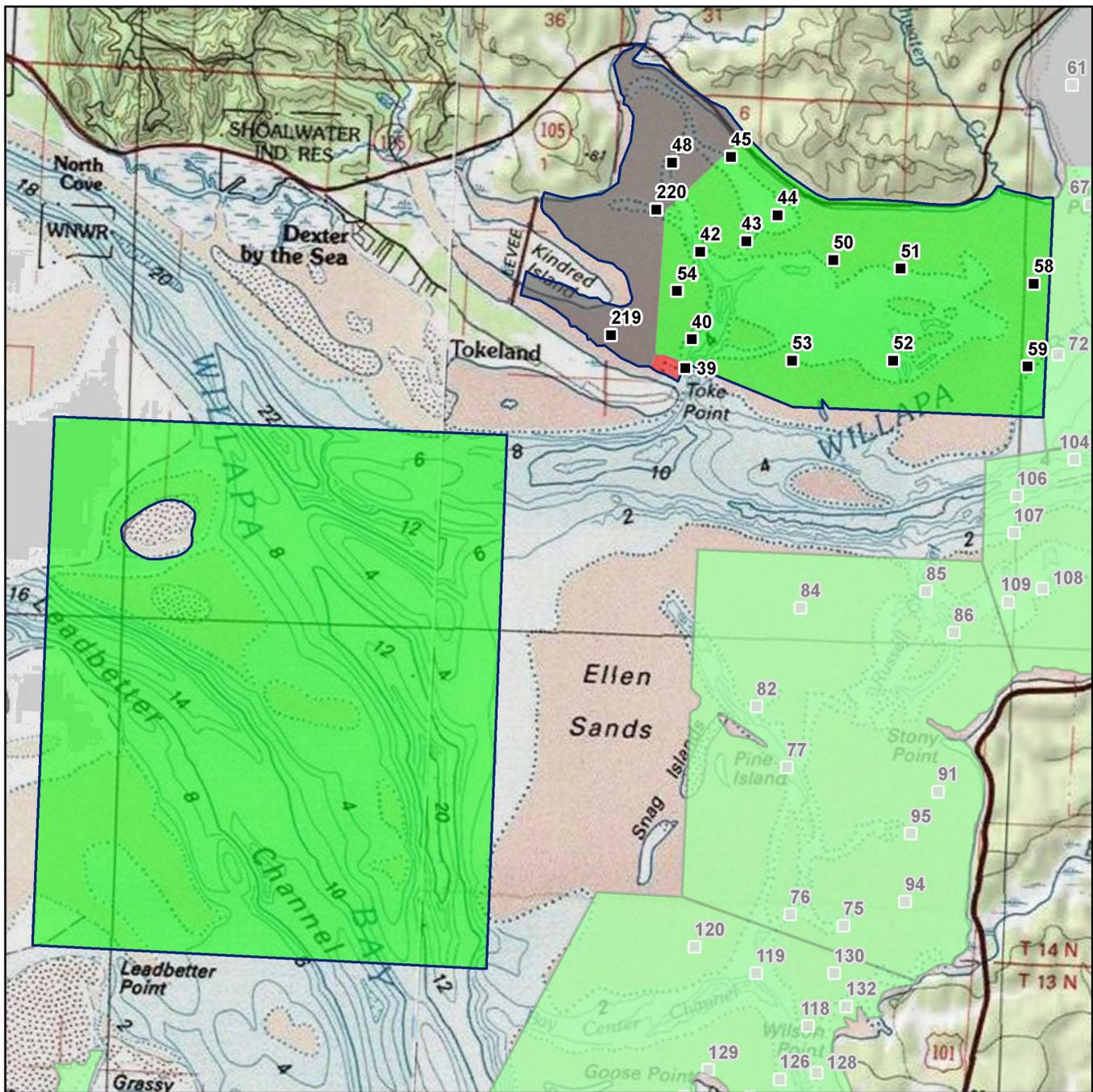
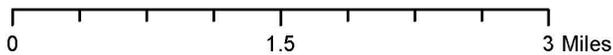
Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
40	Approved	1/20/2015 - 11/25/2019	1.7 - 23.0	2.1	4.5	Y
42	Approved	1/20/2015 - 11/25/2019	1.7 - 49.0	2.1	4.8	Y
43	Approved	3/2/2015 - 11/25/2019	1.7 - 33.0	2.2	5.4	Y
44	Approved	12/8/2014 - 11/25/2019	1.7 - 49.0	2.1	5.4	Y
45	Approved	1/20/2015 - 11/25/2019	1.7 - 23.0	2.7	7.2	Y
50	Approved	1/20/2015 - 11/25/2019	1.7 - 180.0	2.4	7.8	Y
51	Approved	1/20/2015 - 11/25/2019	1.7 - 64.0	2.9	8.7	Y
52	Approved	1/20/2015 - 11/25/2019	1.7 - 49.0	2.3	6.2	Y
53	Approved	1/20/2015 - 11/25/2019	1.7 - 46.0	2.2	5.4	Y
54	Approved	1/20/2015 - 11/25/2019	1.7 - 33.0	1.9	3.8	Y
58	Approved	1/20/2015 - 11/25/2019	1.7 - 70.0	2.4	6.8	Y
59	Approved	12/8/2014 - 11/25/2019	1.7 - 79.0	2.5	8.1	Y
39	Prohibited	1/20/2015 - 11/25/2019	1.7 - 49.0	3.6	13.2	Y
48	Unclassified	1/20/2015 - 11/25/2019	1.7 - 79.0	2.1	5.4	Y
219	Unclassified	6/16/2016 - 11/25/2019	1.7 - 13.0	2.2	4.5	*N/A
220	Unclassified	6/16/2016 - 11/25/2019	1.7 - 11.0	2.3	4.4	*N/A

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.

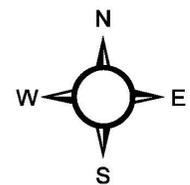
*N/A – SRS criteria require a minimum of 30 samples from each station.

MAP 1. Cedar River Growing Area

 Cedar River



Classification	Sampling Stations
 Approved	
 Conditional	
 Prohibited	
 Restricted	
 Unclassified	



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