

# Anderson Island

## Annual Shellfish Growing Area Review



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Area: Anderson Island

Year Ending: December 31, 2023

Classification: Approved

### Activities in the Growing Area in 2023

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. A routine three-year shoreline evaluation was completed, and Tacoma-Pierce County Health Department evaluated six on-site sewage systems, four shoreline drainages, and one agricultural site. No new or changes in pollution sources were identified.

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

**TABLE 1. Summary of Marine Water Data (SRS) for the Anderson 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 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
260	Approved	3/25/2019 - 12/13/2023	1.7 - 7.8	1.9	3.1	Y
261	Approved	3/25/2019 - 12/13/2023	1.7 - 13.0	2.4	5.6	Y
263	Approved	3/25/2019 - 12/13/2023	1.7 - 70.0	2.0	5.0	Y
264	Approved	3/25/2019 - 12/13/2023	1.7 - 4.0	1.8	2.2	Y
265	Approved	3/25/2019 - 12/13/2023	1.7 - 7.8	1.8	2.6	Y
268	Approved	3/25/2019 - 12/13/2023	1.7 - 79.0	2.2	5.9	Y
273	Approved	3/25/2019 - 12/13/2023	1.7 - 13.0	2.0	3.4	Y
280	Approved	3/25/2019 - 12/13/2023	1.7 - 7.8	1.9	3.0	Y
281	Approved	3/25/2019 - 12/13/2023	1.7 - 7.8	2.0	3.4	Y
282	Approved	3/25/2019 - 12/13/2023	1.7 - 4.5	1.8	2.3	Y
599	Approved	3/25/2019 - 12/13/2023	1.7 - 2.0	1.7	1.8	Y
621	Approved	3/25/2019 - 12/13/2023	1.7 - 4.5	1.8	2.5	Y
622	Approved	3/25/2019 - 12/13/2023	1.7 - 33.0	2.0	4.6	Y
623	Approved	3/25/2019 - 12/13/2023	1.7 - 23.0	2.0	3.9	Y
624	Approved	3/25/2019 - 12/13/2023	1.7 - 4.5	1.8	2.3	Y
625	Approved	3/25/2019 - 12/13/2023	1.7 - 2.0	1.7	1.8	Y
627	Approved	3/25/2019 - 12/13/2023	1.7 - 4.5	1.9	2.6	Y
628	Approved	3/25/2019 - 12/13/2023	1.7 - 7.8	2.0	3.3	Y
629	Approved	3/25/2019 - 12/13/2023	1.7 - 7.8	1.9	2.9	Y
269	Unclassified	3/25/2019 - 12/13/2023	1.7 - 17.0	2.4	5.5	Y
283	Unclassified	3/25/2019 - 12/13/2023	1.7 - 2.0	1.7	1.8	Y
284	Unclassified	3/25/2019 - 12/13/2023	1.7 - 4.5	1.8	2.2	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. Anderson Island Growing Area

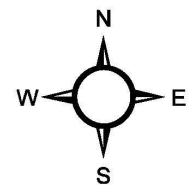
Anderson Island



Date Updated: 7/11/2018



Classification	Sampling Stations
Approved	Sampling Station
Conditional	
Prohibited	
Restricted	
Unclassified	



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