

# Anderson Island

## Annual Shellfish Growing Area Review



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Area: Anderson Island

Year Ending: December 31, 2021

Classification: Approved

### Activities in the Growing Area in 2021

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria.

The northeast portion of the Anderson Island Growing Area from Otso Point to Sandy Point was closed 12/12/2021 – 12/15/2021 due to a plant upset at the McNeil Island WWTP. The closure was lifted after three days due to revised information from the operator.

### 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.

### 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 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       | 1/31/2017 - 12/6/2021  | 1.7 - 4.5        | 1.8                | 2.3   | Y              |
| 261            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 13.0       | 2.2                | 4.4   | Y              |
| 263            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 11.0       | 1.9                | 2.9   | Y              |
| 264            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 6.8        | 2.0                | 3.2   | Y              |
| 265            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 7.8        | 1.9                | 3.1   | Y              |
| 268            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 79.0       | 2.3                | 6.4   | Y              |
| 273            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 13.0       | 2.0                | 3.4   | Y              |
| 280            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 7.8        | 1.9                | 3.0   | Y              |
| 281            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 7.8        | 2.0                | 3.1   | Y              |
| 282            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 4.5        | 1.8                | 2.3   | Y              |
| 599            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 2.0        | 1.7                | 1.9   | Y              |
| 621            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 6.8        | 1.9                | 2.7   | Y              |
| 622            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 33.0       | 1.9                | 3.8   | Y              |
| 623            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 23.0       | 2.0                | 3.7   | Y              |
| 624            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 4.5        | 1.9                | 2.5   | Y              |
| 625            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 2.0        | 1.7                | 1.9   | Y              |
| 627            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 7.8        | 2.1                | 3.6   | Y              |
| 628            | Approved       | 12/20/2016 - 12/6/2021 | 1.7 - 33.0       | 2.2                | 5.1   | Y              |
| 629            | Approved       | 1/31/2017 - 12/6/2021  | 1.7 - 23.0       | 2.2                | 4.5   | Y              |
| 269            | Unclassified   | 1/31/2017 - 12/6/2021  | 1.7 - 23.0       | 2.6                | 6.6   | Y              |
| 283            | Unclassified   | 1/31/2017 - 12/6/2021  | 1.7 - 40.0       | 2.0                | 4.2   | Y              |
| 284            | Unclassified   | 1/31/2017 - 12/6/2021  | 1.7 - 22.0       | 2.1                | 4.6   | 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

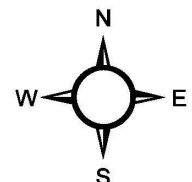


Date Updated: 7/11/2018



Classification Sampling Stations

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified



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