

# McNeil Island SE

## Annual Shellfish Growing Area Review

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Area: McNeil Island SE

Year Ending: December 31, 2024

Classification: Approved, Prohibited

### Activities in the Growing Area in 2024

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. A routine shoreline survey was conducted and no Direct or Indirect Impacts were identified. A reliability evaluation of the McNeil Island WWTP was completed. No change to the existing Prohibited area was needed. A comprehensive evaluation report is in the central growing area file.

The NEP Program is working with the Department of Corrections on a grant award that will evaluate the opportunity to engineer a large on-site sewage system on the island, potentially eliminating the outfall from the wastewater treatment plant/

### 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 McNeil Island SE 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
807	Approved	4/27/2020 - 12/4/2024	1.7 - 33.0	2.1	5.3	Y
808	Approved	4/27/2020 - 12/4/2024	1.7 - 2.0	1.7	1.8	Y
809	Approved	4/27/2020 - 12/4/2024	1.7 - 4.5	1.8	2.2	Y
810	Approved	4/27/2020 - 12/4/2024	1.7 - 2.0	1.7	1.8	Y
814	Approved	4/27/2020 - 12/4/2024	1.7 - 4.5	1.8	2.5	Y
811	Prohibited	4/27/2020 - 12/4/2024	1.7 - 6.8	1.9	2.9	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.

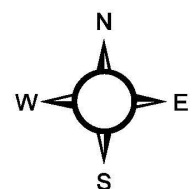
# MAP 1. McNeil Island SE Growing Area

Mc Neil Island S E

Washington State Department of Health  
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.