

**Washington State Department of Health
Office of Environmental Health and Safety**

Annual Growing Area Review

PREPARED BY: Mark Toy
AREA: McNeil Island SE
YEAR ENDING: December 31, 2015
CLASSIFICATION: Approved, Prohibited

Activities in the Growing Area in 2015

The McNeil Island SE growing area was initially classified in March 2015. It is sampled six times using the Systematic Random Sampling method.

Analytical Results of Water Samples

Table 1 summarizes 30 of the most recent samples collected from each of the sampling stations. This summary shows that all stations in the growing area pass NSSP water quality standards.

Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating that the growing 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 the stations in the growing area pass NSSP water quality standards for an Approved classification and that the area is correctly classified.

TABLE 1
Summary of Marine Water Data (SRS)
Growing Area: Mc Neil Island SE

Sampling Event Type: Regulatory

Tides Included: ALL

Maximum Number of Samples: 30

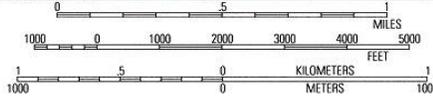
| Station Number | Classification | Date Range | Range (FC/100 mL) | GeoMean (FC/100 mL) | E90th (FC/100 mL) | Meets Standard |
|----------------|----------------|-----------------------|-------------------|---------------------|-------------------|----------------|
| 807 | Approved | 7/11/2012 - 10/6/2015 | 1.7 - 2.0 | 1.7 | 1.8 | Y |
| 808 | Approved | 7/11/2012 - 10/6/2015 | 1.7 - 6.1 | 1.9 | 2.7 | Y |
| 809 | Approved | 7/11/2012 - 10/6/2015 | 1.7 - 17.0 | 2.0 | 3.8 | Y |
| 810 | Approved | 7/11/2012 - 10/6/2015 | 1.7 - 49.0 | 1.9 | 4.2 | Y |
| 814 | Approved | 6/28/2012 - 10/6/2015 | 1.7 - 4.5 | 1.9 | 2.5 | Y |
| 811 | Prohibited | 7/11/2012 - 10/6/2015 | 1.7 - 4.5 | 1.8 | 2.3 | 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.

McNeil Island SE



Map created with TOPOLOGIC © 2008 National Geographic; © 2007 TeleAtlas, Rel. 1/2007



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