

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

**Annual Growing Area Review**

**PREPARED BY:** Kelly Curtis  
**AREA:** Buck Bay  
**YEAR ENDING:** December 31, 2015  
**CLASSIFICATION:** Approved

**Activities in the Growing Area in 2015**

Samples were collected from each station in the Buck Bay growing area six times using the Systematic Random Sampling method. San Juan County received National Estuary Program funds to complete pollution identification and correction (PIC) work, to install agricultural BMP's, and to enhance their septic operations and maintenance program throughout the county.

**Analytical Results of Water Samples**

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

**Change in Actual Pollution Sources that Impact the Growing Area**

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

**TABLE 1**

**Summary of Marine Water Data (SRS)**  
Growing Area: Buck Bay

Sampling Event Type: Regulatory  
Maximum Number of Samples: 30

Tides Included: ALL

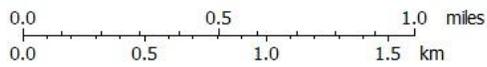
Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
23	Approved	2/15/2011 - 11/4/2015	1.7 - 79.0	2.9	9.7	Y
24	Approved	2/15/2011 - 11/4/2015	1.7 - 110.0	3.0	11.9	Y
25	Approved	2/15/2011 - 11/4/2015	1.7 - 7.8	1.9	3.1	Y
26	Approved	8/17/2010 - 11/4/2015	1.7 - 240.0	2.7	10.8	Y
27	Approved	2/15/2011 - 11/4/2015	1.7 - 46.0	2.5	7.2	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.

Buck Bay 2015



Map created with TOPOIC © 2008 National Geographic; © 2007 Tele Atlas, Rel. 1/2007



TN MN  
16½  
11/25/15