

# Washington State Department of Health Office of Shellfish and Water Protection

## Annual Growing Area Review

**PREPARED BY:** Kelly Curtis  
**AREA:** Anderson Island  
**YEAR ENDING:** December 31, 2011  
**CLASSIFICATION:** Approved, Unclassified

### Activities In The Growing Area in 2011

The Anderson Island shellfish growing area was sampled six times in 2011 using the Systematic Random Sampling method. Boats have been counted at the Rivera Community Club dock during ambient water sampling events. Boat counts during the summer are sometimes greater than 10 boats; however, the majority of boats were not live-aboards.

### Analytical Results Of Water Samples

Table 1 summarizes the results the last 30 samples collected from the area. This summary shows that all stations in the area 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 About Classification Status

Table 1 shows that all stations meet the NSSP water quality standards for an Approved classification and the area is correctly classified.

### Recommendations

All stations meet the NSSP water quality standard. The area is correctly classified and should remain classified as Approved.

**SUMMARY OF MARINE WATER DATA (SRS)**

Growing Area: **Anderson Island**

Classification: **Approved, Unclassified**

From **01/03/2007** To **11/02/2011**

**FECAL COLIFORM ORGANISMS/100 ML**

<b>Station Number</b>	<b>Classification</b>	<b>Number of Samples</b>	<b>Range</b>	<b>Geometric Mean</b>	<b>Est. 90th Percentile</b>	<b>Meets Std.</b>
260	Approved	30	1.7 - 46.0	2.4	6.0	Yes
261	Approved	30	1.7 - 33.0	2.7	8.0	Yes
262	Approved	30	1.7 - 13.0	2.1	3.0	Yes
263	Approved	30	1.7 - 13.0	2.1	3.0	Yes
264	Approved	30	1.7 - 7.8	2.1	3.0	Yes
265	Approved	30	1.7 - 11.0	1.9	3.0	Yes
268	Approved	30	1.7 - 4.5	1.9	2.0	Yes
273	Approved	30	1.7 - 4.0	1.9	2.0	Yes
280	Approved	30	1.7 - 17.0	1.9	3.0	Yes
281	Approved	30	1.7 - 2.0	1.7	1.0	Yes
282	Approved	30	1.7 - 4.5	1.8	2.0	Yes
599	Approved	30	1.7 - 4.5	1.8	2.0	Yes
621	Approved	30	1.7 - 33.0	2.0	4.0	Yes
622	Approved	30	1.7 - 13.0	2.0	3.0	Yes
623	Approved	30	1.7 - 11.0	1.9	3.0	Yes
624	Approved	30	1.7 - 2.0	1.7	1.0	Yes
625	Approved	30	1.7 - 4.5	1.7	2.0	Yes
626	Approved	30	1.7 - 13.0	2.3	5.0	Yes
627	Approved	30	1.7 - 7.8	2.0	3.0	Yes
628	Approved	30	1.7 - 4.5	1.9	2.0	Yes
629	Approved	30	1.7 - 13.0	2.3	4.0	Yes
269	Unclassified	30	1.7 - 130.0	3.0	11.0	Yes
270	Unclassified	30	1.7 - 350	4.0	19.0	Yes
283	Unclassified	30	1.7 - 49.0	2.0	4.0	Yes
284	Unclassified	30	1.7 - 49.0	1.9	4.0	Yes

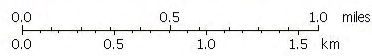
All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

\* N/A - SRS criteria require a minimum of 30 samples from each station. \*



Map created with TOPOIG ©2006 National Geographic



TN / MN  
17 1/2  
05/12/10