

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

## Annual Growing Area Review

**PREPARED BY:** Clyde Bill  
**AREA:** Lummi Island  
**YEAR ENDING:** December 31, 2011  
**CLASSIFICATION:** Approved

### Activities in the Growing Area in 2011

Lummi Island was sampled only 3 times in 2011 because of its Inactive status which requires a minimum of 2 samples per year for a period of 5 years. Lummi Island was placed in Inactive status in August 2010. The area was reactivated in September 2011.

### Analytical Results of Water Samples

Table 1 summarizes the results of the 30 most recent water samples collected from the Lummi Island growing area. 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 Lummi Island 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 show that all stations meet NSSP water quality standards for an Approved classification and that it is correctly classified.

TABLE 1

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

Growing Area: **LUMMI ISLAND**

Classification: **Approved**

From **03/01/2006** To **11/15/2011**

**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>
34	Approved	30	1.7 - 4.5	1.7	2.0	Yes
35	Approved	30	1.7 - 4.5	1.7	2.0	Yes
36	Approved	30	1.7 - 2.0	1.7	1.0	Yes
37	Approved	30	1.7 - 2.0	1.7	1.0	Yes
278	Approved	30	1.7 - 2.0	1.7	1.0	Yes

All tides information is presented

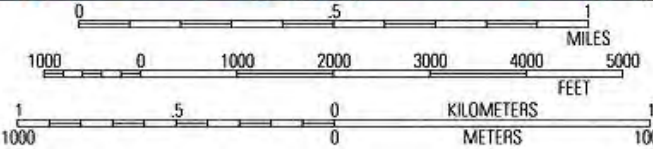
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

† All samples have been verified.

Lummi Island 11/15/2002



Map created with **TOPOIC** ©2007 National Geographic; ©2005 Tele Atlas, Rel. B/2005



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17 1/2  
01/29/10