

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

**Annual Growing Area Review**

**PREPARED BY:** Jule Schultz  
**AREA:** Holmes Harbor  
**YEAR ENDING:** December 31, 2011  
**CLASSIFICATION:** Approved, Prohibited

**Activities In The Growing Area in 2011**

The Holmes Harbor growing area was sampled six times using the Systematic Random Sampling method. Island County Environmental Health continues surface water monitoring, source identification, septic dye testing, and education and outreach activities in the Holmes Harbor area.

**Analytical Results Of Water Samples**

Table 1 shows that all stations meet NSSP standards for an Approved classification.

**Change In Actual Pollution Sources That Impact The Growing Area**

We have no new information regarding pollution sources in the Holmes Harbor growing area.

**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**

All marine water stations continue to meet the Approved standard. Island County continues to work in the area to identify and correct pollution sources near the Prohibited part of the bay.

TABLE 1

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

Growing Area: **HOLMES HARBOR**

Classification: **Approved, Prohibited**

From **02/26/2007** To **12/31/2011**

**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>
194	Approved	30	1.7 - 170.0	2.0	6.0	Yes
195	Approved	30	1.7 - 7.8	1.9	3.0	Yes
196	Approved	30	1.7 - 33.0	1.9	4.0	Yes
197	Approved	30	1.7 - 2.0	1.7	1.0	Yes
198	Approved	30	1.7 - 4.5	1.7	2.0	Yes
199	Approved	30	1.7 - 11.0	1.8	2.0	Yes
200	Approved	30	1.7 - 21.0	2.2	4.0	Yes
201	Approved	30	1.7 - 11.0	2.1	3.0	Yes
280	Approved	30	1.7 - 7.8	1.9	2.0	Yes
281	Approved	30	1.7 - 4.0	1.7	2.0	Yes
282	Approved	30	1.7 - 2.0	1.7	1.0	Yes
283	Approved	30	1.7 - 2.0	1.7	1.0	Yes
193	Prohibited	30	1.7 - 14.0	1.9	3.0	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.

