

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

**Annual Growing Area Review**

**PREPARED BY:** Jule Schultz  
**AREA:** East Passage  
**YEAR ENDING:** December 31, 2011  
**CLASSIFICATION:** Approved, Prohibited, Unclassified

**Activities In The Growing Area in 2011**

The East Passage growing area was sampled six times using the Systematic Random Sampling method. The Vashon Wastewater Treatment Plant and Beulah Park Large On-site Septic System were evaluated in 2011.

**Analytical Results Of Water Samples**

Table 1 shows the most recent 30 sample summary from the East Passage growing area. All stations meet NSSP standards for an Approved classification.

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

We have no knowledge of new pollution sources in the East Passage 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**

The growing area is correctly classified.

TABLE 1

**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **EAST PASSAGE**Classification: **Approved,Unclassified,Prohibited**From **09/19/2006** 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>
375	Approved	31	1.7 - 17.0	2.5	6.0	Yes
376	Approved	31	1.7 - 33.0	2.7	7.0	Yes
377	Approved	31	1.7 - 13.0	2.2	4.0	Yes
378	Approved	31	1.7 - 130.0	2.7	10.0	Yes
379	Approved	31	1.7 - 33.0	2.3	5.0	Yes
380	Approved	32	1.7 - 23.0	1.9	4.0	Yes
381	Approved	31	1.7 - 170.0	3.5	15.0	Yes
382	Approved	30	1.7 - 4.5	2.0	2.0	Yes
384	Approved	31	1.7 - 7.8	2.2	3.0	Yes
385	Approved	31	1.7 - 17.0	2.0	3.0	Yes
387	Approved	30	1.7 - 13.0	1.9	3.0	Yes
389	Approved	32	1.7 - 49.0	2.1	4.0	Yes
390	Approved	30	1.7 - 7.8	2.0	3.0	Yes
391	Approved	31	1.7 - 7.8	2.0	3.0	Yes
392	Approved	31	1.7 - 17.0	2.0	3.0	Yes
393	Approved	31	1.7 - 23.0	2.6	6.0	Yes
395	Approved	31	1.7 - 49.0	3.3	11.0	Yes
600	Approved	31	1.7 - 21.0	1.9	3.0	Yes
647	Approved	31	1.7 - 79.0	2.6	8.0	Yes
675	Approved	30	1.7 - 33.0	2.1	4.0	Yes
676	Approved	31	1.7 - 33.0	2.6	7.0	Yes
696	Approved	42	1.7 - 33.0	2.3	5.0	Yes
388	Unclassified	30	1.7 - 13.0	2.0	3.0	Yes
697	Unclassified	43	1.7 - 17.0	1.8	3.0	Yes
383	Prohibited	31	1.7 - 7.8	1.8	2.0	Yes
386	Prohibited	31	1.7 - 4.5	2.0	3.0	Yes
394	Prohibited	31	1.7 - 70.0	2.8	8.0	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.



