Washington State Department of Health
Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Clyde Bill

AREA: Drayton Passage

YEAR ENDING: December 31, 2011

CLASSIFICATION: Approved

Activities in the Growing Area in 2011

Drayton Passage was sampled six times using the Systematic Random Sampling method.

Analytical Results of Water Samples

Table 1 summarizes the results of the 30 most recent samples collected from the Drayton Passage growing area. Stations 718, 719 and 763 do not have the 30 samples collected to date, but are well within program standards for an Approved classification.

Change in Actual Pollution Sources That Impact the Growing Area

We currently have no information indicating that the Drayton Passage 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 in the Drayton Passage growing area meet NSSP standards for an Approved classification and that it is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **DRAYTON PASSAGE**

Classification: **Approved, Unclassified**

From **12/12/2006** To **11/01/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
266	Approved	31	1.7 - 23.0	2.0	4.0	Yes
267	Approved	31	1.7 - 70.0	2.2	6.0	Yes
271	Approved	32	1.7 - 23.0	2.3	5.0	Yes
272	Approved	31	1.7 - 7.8	1.9	3.0	Yes
673	Approved	31	1.7 - 17.0	2.2	4.0	Yes
674	Approved	30	1.7 - 49.0	2.2	6.0	Yes
717	Approved	30	1.7 - 7.8	2.2	3.0	Yes
718	Approved	28	1.7 - 140.0	2.5	8.0	*N/A
719	Approved	27	1.7 - 17.0	2.2	5.0	*N/A
763	Unclassified	8	1.7 - 13.0	2.5	6.0	*N/A

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. *

Drayton Passage 7/06/10

NATIONAL GEOGRAPHIC

0.0 0.5 1.0 miles
0.0 0.5 1.0 1.5 km

TN MN 17½

07/06/10