

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

Annual Growing Area Review

PREPARED BY: Clyde Bill
AREA: Dana Passage
YEAR ENDING: December 31, 2011
CLASSIFICATION: Approved

Activities in the Growing Area in 2011

Dana Passage was sampled six times using the Systematic Random Sampling method. Station 800 was added to monitor water quality at the western growing area boundary.

Analytical Results of Water Samples

Table 1 summarizes the results of all samples collected from the Dana Passage growing area. This summary shows that Stations 669 and 670 pass NSSP water quality standards. Station 716 has 27 samples collected to date but is well within water quality standards for an Approved classification.

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 and Recommendations

Table 1 show that all stations meet NSSP water quality standards for an Approved classification.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **Dana Passage**

Classification: **Approved**

From **01/16/2007** To **12/19/2011**

FECAL COLIFORM ORGANISMS/100 ML

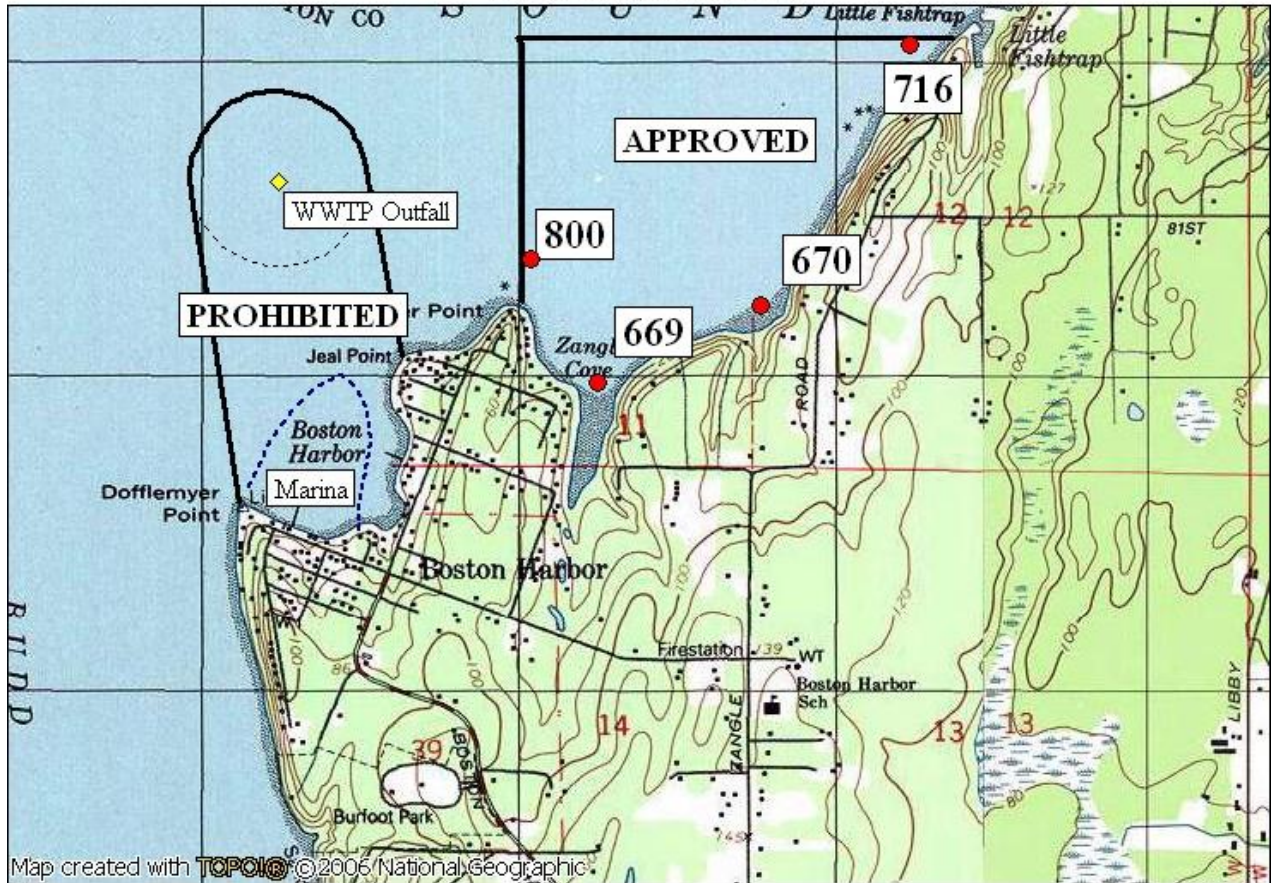
Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
669	Approved	30	1.7 - 70.0	2.4	6.0	Yes
670	Approved	30	1.7 - 11.0	2.4	5.0	Yes
716	Approved	27	1.7 - 49.0	2.1	6.0	*N/A
800	Approved	1	1.7 - 1.7	1.7	1.0	*N/A

All tides information is presented

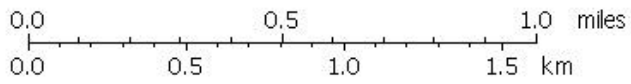
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

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

Dana Pass 06/20/11



Map created with TOPOIC © 2006 National Geographic



TN ↑ MN
17 1/2
06/20/11