

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

## Annual Growing Area Review

**PREPARED BY:** Clyde Bill  
**AREA:** Wyckoff Shoal  
**YEAR ENDING:** December 31, 2011  
**CLASSIFICATION:** Approved, Prohibited

### Activities in the Growing Area in 2011

The Wyckoff Shoal growing area was sampled six times using the Systematic Random Sampling method.

### Analytical Results of Water Samples

Table 1 summarizes the results of all the samples collected from the area. This summary shows that all stations in the Wyckoff Shoal 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 Wyckoff Shoal 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 shows that all the stations in the Wyckoff Shoal growing area meet NSSP water quality standards for an Approved classification and that the area is correctly classified.

TABLE 1

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

Growing Area: **WYCKOFF SHOAL**

Classification: **Approved, Prohibited**

From **01/09/2007** To **12/19/2011**

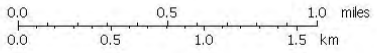
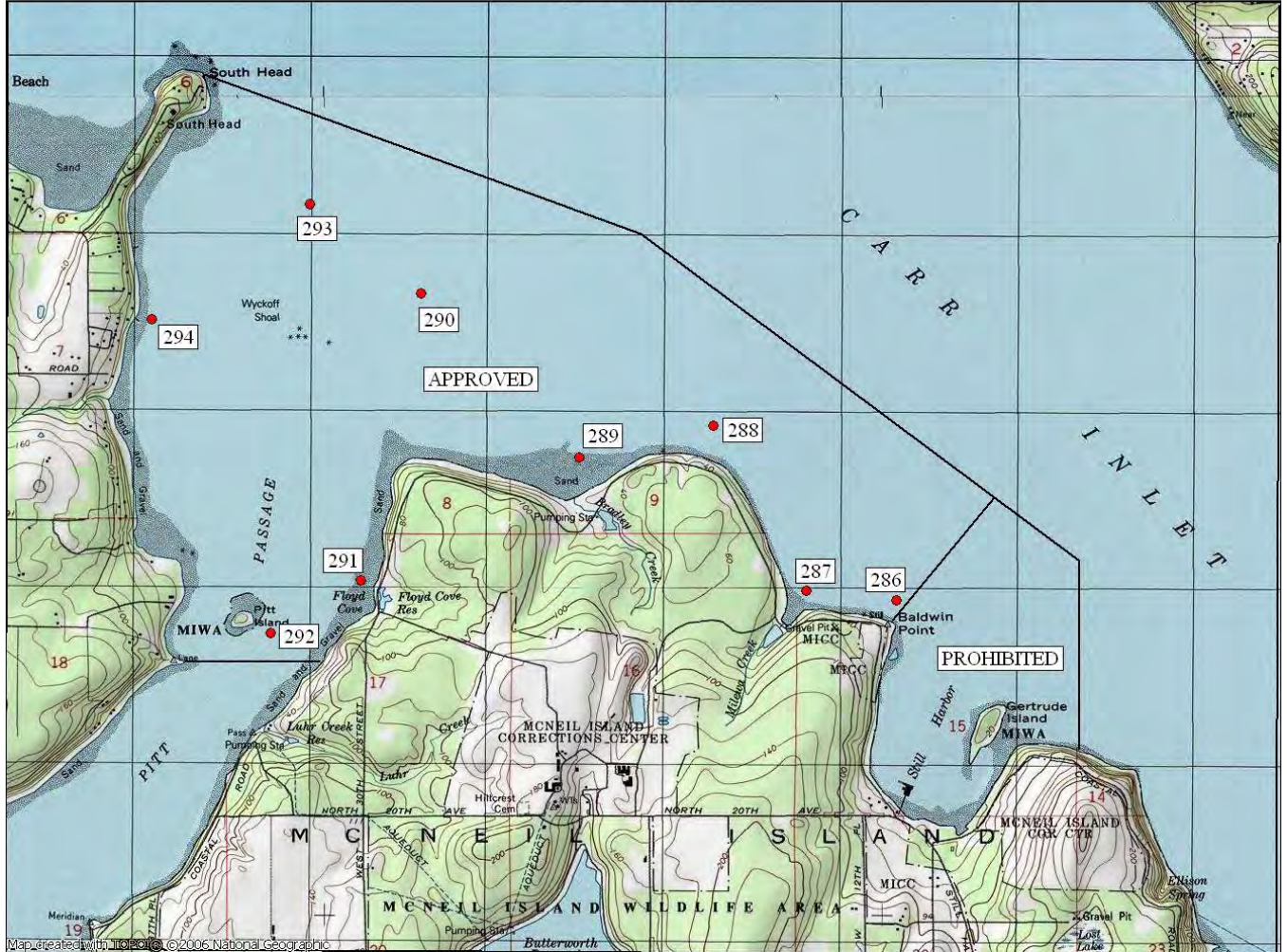
**FECAL COLIFORM ORGANISMS/100 ML**

<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>
286	Approved	31	1.7 - 49.0	2.3	6.0	Yes
287	Approved	31	1.7 - 17.0	2.3	4.0	Yes
288	Approved	31	1.7 - 49.0	2.1	5.0	Yes
289	Approved	31	1.7 - 70.0	2.9	10.0	Yes
290	Approved	31	1.7 - 12.0	2.0	3.0	Yes
291	Approved	30	1.7 - 4.5	1.8	2.0	Yes
292	Approved	30	1.7 - 2.0	1.7	1.0	Yes
293	Approved	31	1.7 - 4.5	1.7	2.0	Yes
294	Approved	31	1.7 - 27.0	2.6	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.

† All samples have been verified.



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17 1/2  
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