

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF SHELLFISH AND WATER PROTECTION**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Kay Rottell, Public Health Advisor

AREA: McMicken Island

YEAR ENDING: December 31, 2009

CLASSIFICATION: Approved

ACTIVITIES IN THE GROWING AREA IN 2009:

The McMicken Island shellfish area was sampled six times during 2009 in accordance with the NSSP systematic random sampling criteria. The Department expanded the Approved area to include geoduck tracts and intertidal recreational beaches north of McMicken Island along Hartstene Island.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table 1 summarizes the results of the most recent 30 water samples collected from the area. All stations pass the NSSP water quality standard 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 a downgrade in classification
- Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Water quality and pollution source information indicated that the McMicken Island shellfish area is correctly classified as "approved".

Table 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **MC MICKEN ISLAND**

Classification: **Approved**

From **01/27/2005** To **11/04/2009**

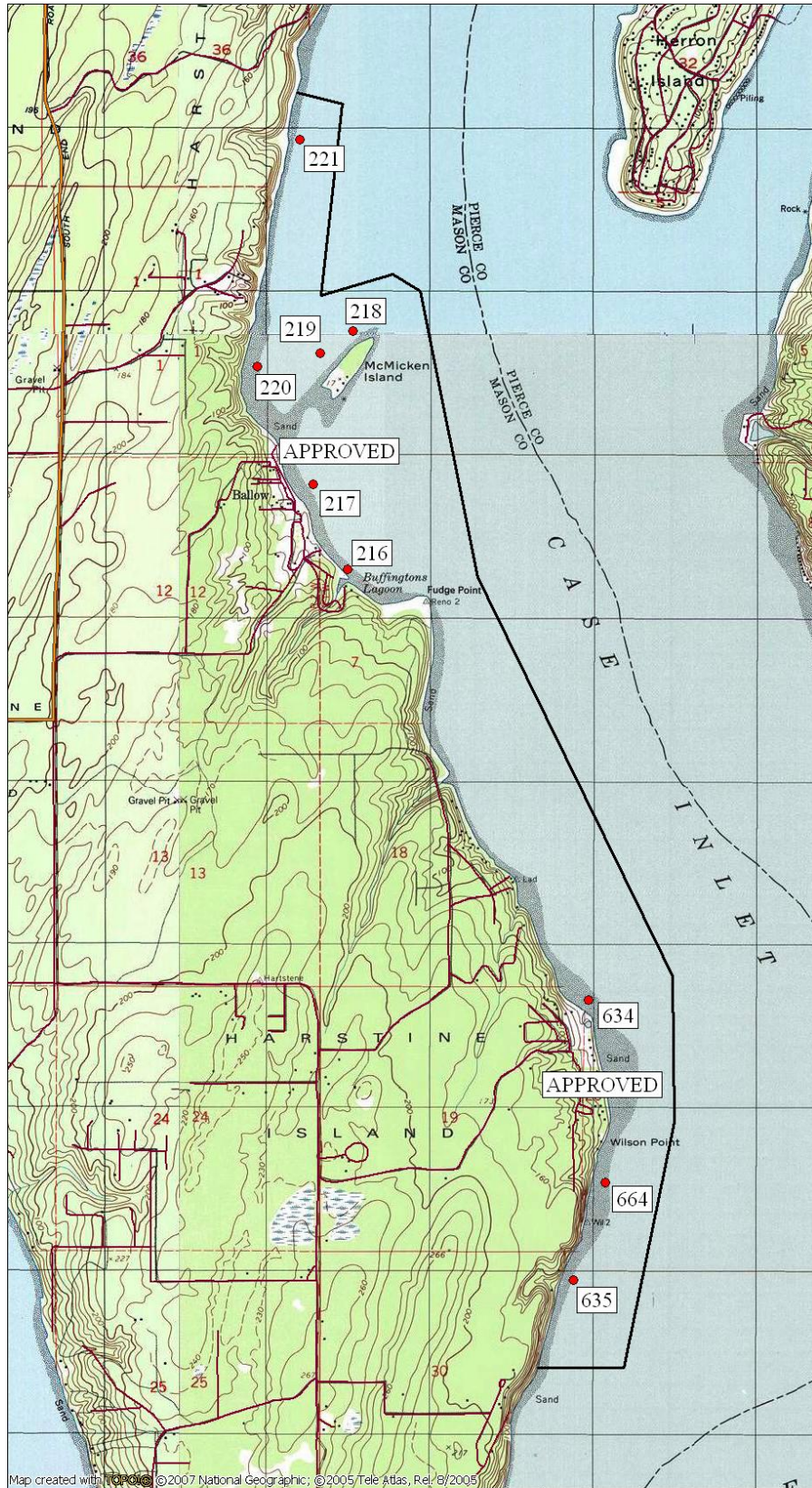
FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
216	Approved	30	1.7 - 110.0	2.2	7.0	Yes
217	Approved	30	1.7 - 70.0	2.6	9.0	Yes
218	Approved	30	1.7 - 23.0	1.8	3.0	Yes
219	Approved	30	1.7 - 22.0	2.0	4.0	Yes
220	Approved	30	1.7 - 79.0	2.2	6.0	Yes
221	Approved	30	1.7 - 23.0	1.9	3.0	Yes
634	Approved	30	1.7 - 70.0	1.9	4.0	Yes
635	Approved	30	1.7 - 33.0	2.0	5.0	Yes
664	Approved	30	1.7 - 13.0	1.8	3.0	Yes

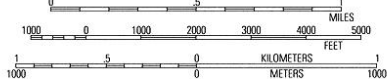
All tides information is presented

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.

McMicken Island



Map created with Topographic © 2007 National Geographic; © 2005 Tele Atlas, Rel. 8/2005



TN MN
17°
01/28/10