WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF SHELLFISH AND WATER PROTECTION

ANNUAL GROWING AREA REVIEW

PREPARED BY: Jerry Lukes, Environmental Specialist

AREA: McMicken Island

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved

ACTIVITIES IN THE GROWING AREA IN 2008:

The McMicken Island shellfish area was sampled 6 times during 2006 in accordance with the NSSP systematic random sampling criteria.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of the most recent 30 water samples collected from the area. This summary shows that all stations pass the NSSP approved water quality standard.

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,Unclassified**

From **04/28/2004** To **12/18/2008**

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
220	Approved	30	1.7 - 79.0	2.3	7.0	Yes
634	Approved	31	1.7 - 70.0	2.0	5.0	Yes
635	Approved	31	1.7 - 33.0	2.0	4.0	Yes
664	Approved	31	1.7 - 13.0	2.0	3.0	Yes
218	Unclassified	30	1.7 - 23.0	1.9	3.0	Yes
219	Unclassified	30	1.7 - 22.0	2.1	4.0	Yes
221	Unclassified	30	1.7 - 23.0	2.0	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.

† All samples have been verified.

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