

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

ANNUAL GROWING AREA REVIEW

PREPARED BY: Lawrence Sullivan, Public Health Advisor

AREA: West Straits

YEAR ENDING: December 31, 2008

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2008:

Samples were collected from the area six times during 2008 using the systematic random sampling method. The area was placed in "Inactive" status from 2002 through 2006 due to the absence of commercial shellfish activity.

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 Approved stations pass the NSSP approved water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We 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:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **WEST STRAITS**

Classification: **Approved, Prohibited**

From **08/20/1997** To **12/10/2008**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
151	Approved	32	1.7 - 7.8	1.9	3.0	Yes
153	Approved	31	1.7 - 107.0	1.9	5.0	Yes
155	Approved	31	1.7 - 4.5	1.7	2.0	Yes
157	Approved	31	1.7 - 7.8	1.8	2.0	Yes
158	Approved	31	1.7 - 11.0	1.8	2.0	Yes
156	Prohibited	31	1.7 - 2.0	1.7	1.0	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.

West Straits Growing Area Map

