

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

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

Activities in the Growing Area in 2011

Shoal Bay was sampled six times using the Systematic Random Sampling method.

Analytical Results of Water Samples

Table 1 summarizes the results of the 30 most recent samples collected from the Shoal Bay growing area. This summary shows that all stations pass NSSP water quality standards.

Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating that the Shoal bay 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 show that all stations in the Shoal bay 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: **SHOAL BAY**

Classification: **Approved, Prohibited, Unclassified**

From **01/24/2007** To **12/07/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
44	Approved	30	1.7 - 6.8	1.9	2.0	Yes
45	Approved	30	1.7 - 2.0	1.7	1.0	Yes
46	Approved	30	1.7 - 4.0	1.7	2.0	Yes
48	Approved	30	1.7 - 13.0	2.0	3.0	Yes
43	Prohibited	30	1.7 - 13.0	1.8	2.0	Yes
47	Unclassified	30	1.7 - 13.0	2.0	3.0	Yes

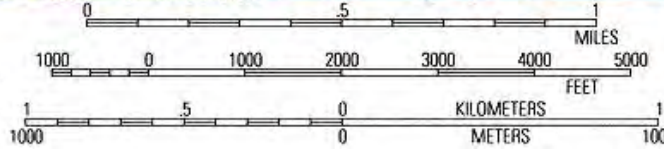
All tides information is presented

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.

Shoal Bay 2/12/2007



Map created with TOPOIC © 2007 National Geographic; © 2005 Tele Atlas, Rel. B/2005



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