

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Clyde Bill
AREA: Jamestown
YEAR ENDING: December 31, 2011
CLASSIFICATION: Approved

Activities in the Growing Area in 2011

Jamestown was sampled six times using the Systematic Random Sampling method. There were no significant activities or changes to the Jamestown growing area in 2011.

Analytical Results of Water Samples

Table 1 summarizes the results of the 30 most recent water quality data for Jamestown. This summary shows that all stations in the Approved portion of the growing area pass NSSP water quality standards for an Approved classification. Station 101 has an estimated 90th percentile of 23 fc/100 ml and is Concerned.

Change in Actual Pollution Sources That Impact the Growing Area

We currently have no information indicating that the Jamestown growing area has new pollution sources.

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 Jamestown growing area meet NSSP water quality standards for an Approved classification and that it's correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **JAMESTOWN**

Classification: **Approved**

From **07/19/2006** To **11/02/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
99	Approved	31	1.7 - 49.0	2.7	7.0	Yes
100	Approved	31	1.7 - 79.0	2.9	11.0	Yes
101	Approved	31	1.7 - 130.0	4.5	23.0	Yes
102	Approved	30	1.7 - 49.0	4.1	19.0	Yes
193	Approved	29	1.7 - 17.0	2.7	6.0	*N/A

From **12/19/2007** To **11/02/2011**

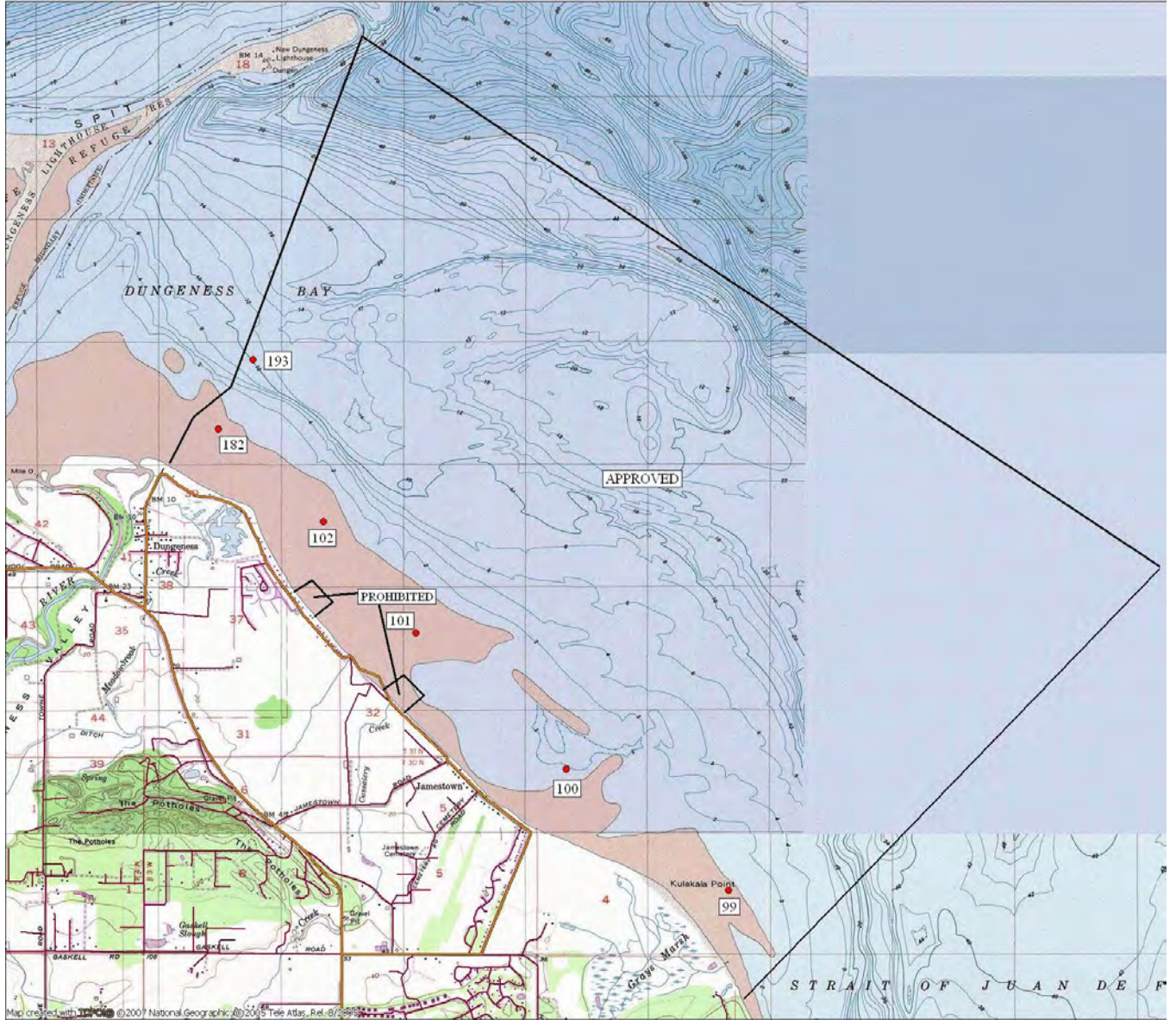
FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
182	Approved	30	1.7 - 130.0	3.0	10.0	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.

* N/A - SRS criteria require a minimum of 30 samples from each station. *



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