

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Jule Schultz
AREA: Blake Island
YEAR ENDING: December 31, 2011
CLASSIFICATION: Conditionally Approved, Approved, Prohibited

Activities In The Growing Area in 2011

Samples were collected from each station in the growing area seven times using the Systematic Random Sampling method. Five samples were collected when the Conditionally Approved area was open. The Conditionally Approved portion of Blake Island was closed from May 1st through September 30th based on boat moorage.

Analytical Results Of Water Samples

Table 1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP 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 downgrade in classification
- Fails to meet current classification standards

Remarks About Classification Status

Table 1 shows that all stations meet the NSSP water quality standards for an Approved classification. Rangers at Blake Island State Park report that up to 30 boats can be anchored in the Conditionally Approved portion of the island. This supports our classification of the growing area.

Recommendations

The area is correctly classified and should remain classified as Conditionally Approved, Approved, and Prohibited.

**Washington State Department of Health
Office of Shellfish and Water Protection**

Annual Growing Area Review

Management Plan Evaluation:

- 1. Have all parties involved complied with the conditions of the management plan..... Yes
- 2. Has reporting been adequate to manage the conditional area..... Yes
- 3. Does the area consistently meet approved area criteria when it is open for harvest..... Yes
- 4. Has a field inspection of critical pollution sources been conducted Yes

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **BLAKE ISLAND**

Classification: **Approved,Conditionally Approved**

From **02/20/2007** To **12/31/2011**

FECAL COLIFORM ORGANISMS/100 ML

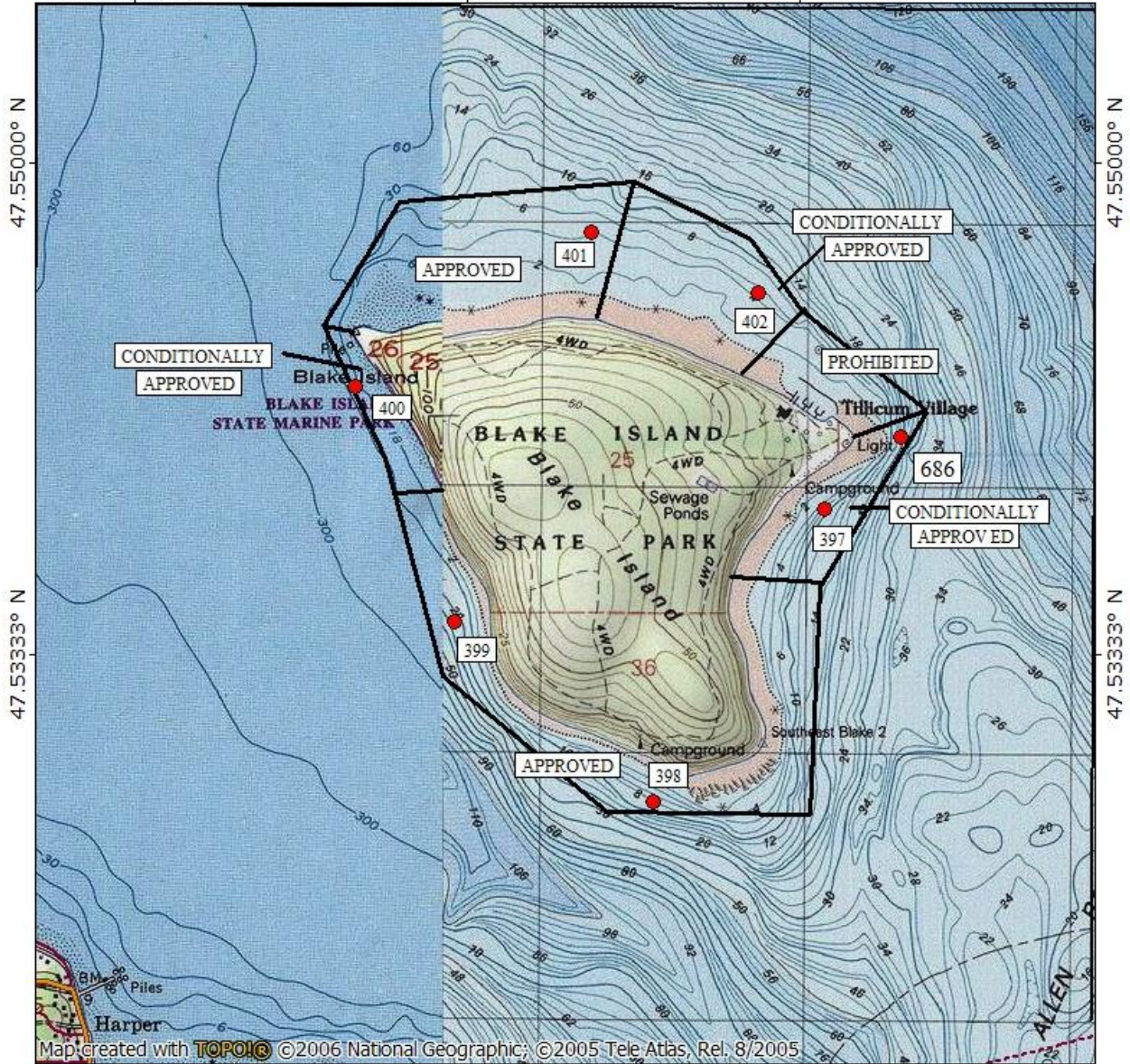
Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
398	Approved	30	1.7 - 4.5	1.7	2.0	Yes
399	Approved	30	1.7 - 2.0	1.7	1.0	Yes
401	Approved	30	1.7 - 4.5	1.8	2.0	Yes
397	Conditionally Approved	30	1.7 - 4.5	1.7	2.0	Yes
400	Conditionally Approved	30	1.7 - 2.0	1.7	1.0	Yes
402	Conditionally Approved	30	1.7 - 22.0	1.8	3.0	Yes
686	Conditionally Approved	30	1.7 - 4.0	1.7	2.0	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.

TOPO! map printed on 02/24/12 from "BLAKE ISLAND.tpo"

122.51667° W 122.50000° W WGS84 122.48333° W



Map created with TOPO! © 2006 National Geographic; © 2005 Tele Atlas, Rel. 8/2005

122.51667° W 122.50000° W WGS84 122.48333° W

