

Shoal Bay

Annual Shellfish Growing Area Review



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Area: Shoal Bay

Year Ending: December 31, 2024

Classification: Approved

Activities in the Growing Area in 2024

The growing area was sampled six times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling (SRS) criteria. Marine Station 43 was dropped from routine sampling due to nearby station redundancy and good water quality.

A routine three-year shoreline evaluation was completed and no new or changes in pollution sources were identified. An evaluation of the Spencer Landing Marina was completed and no changes to the Prohibited area are needed. A comprehensive evaluation report is in the central growing area file.

A portion of the growing area is used as a grow-out site for scallops relayed from the Alden Bank, Burrows Bay and Rosario Strait growing areas.

Analytical Results of Water Samples

Table 1 summarizes results of the 30 most recent samples collected from the area. All stations in the Approved area meet NSSP water quality standards.

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 threatened with downgrade in classification
- Fails to meet current classification standards

Remarks and Recommendations

Table 1 shows that all stations meet the NSSP water quality standard for an Approved classification and the area is correctly classified.

TABLE 1. Summary of Marine Water Data (SRS) for the Shoal Bay Growing Area

Sampling Event Type: Regulatory

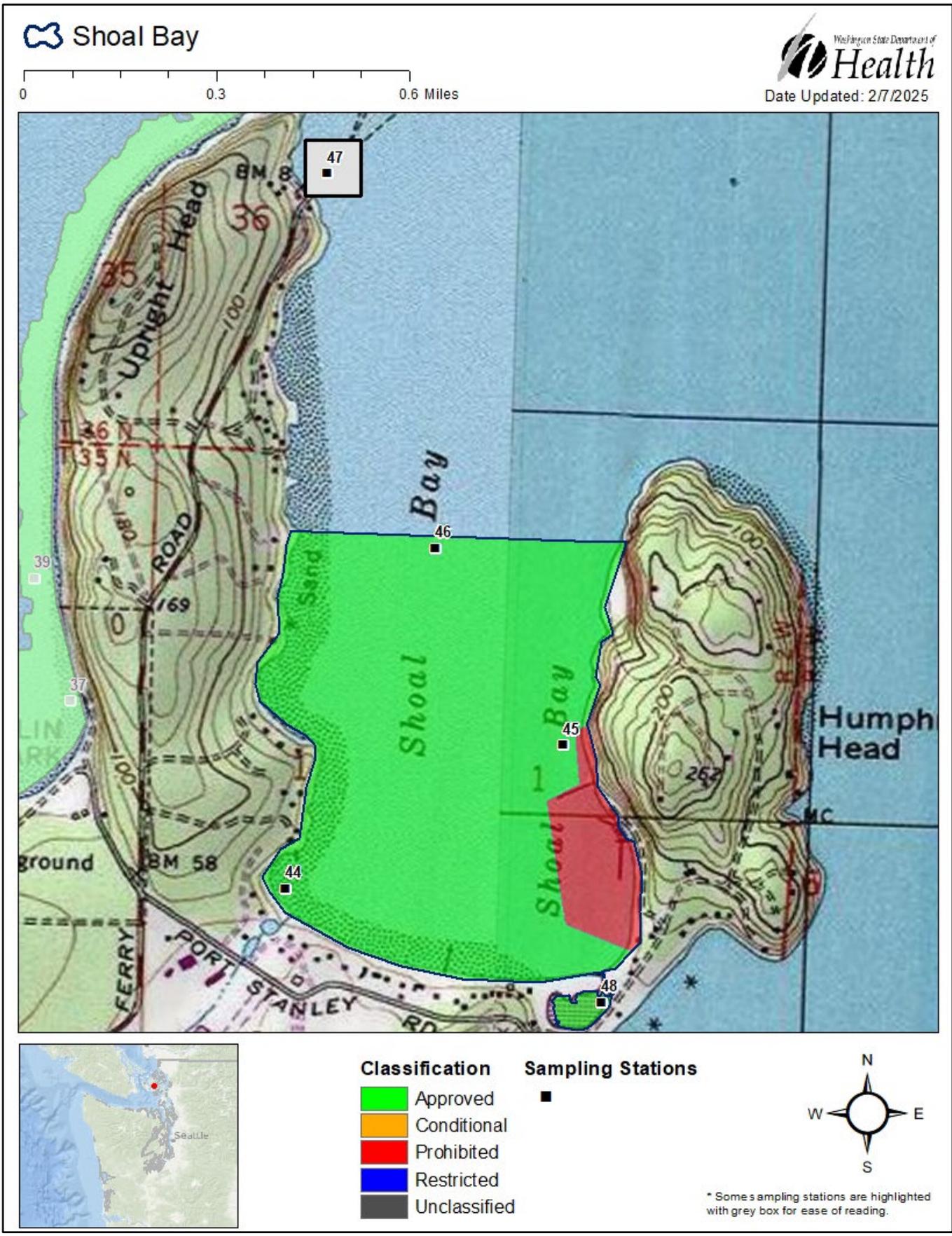
Maximum Number of Samples: 30

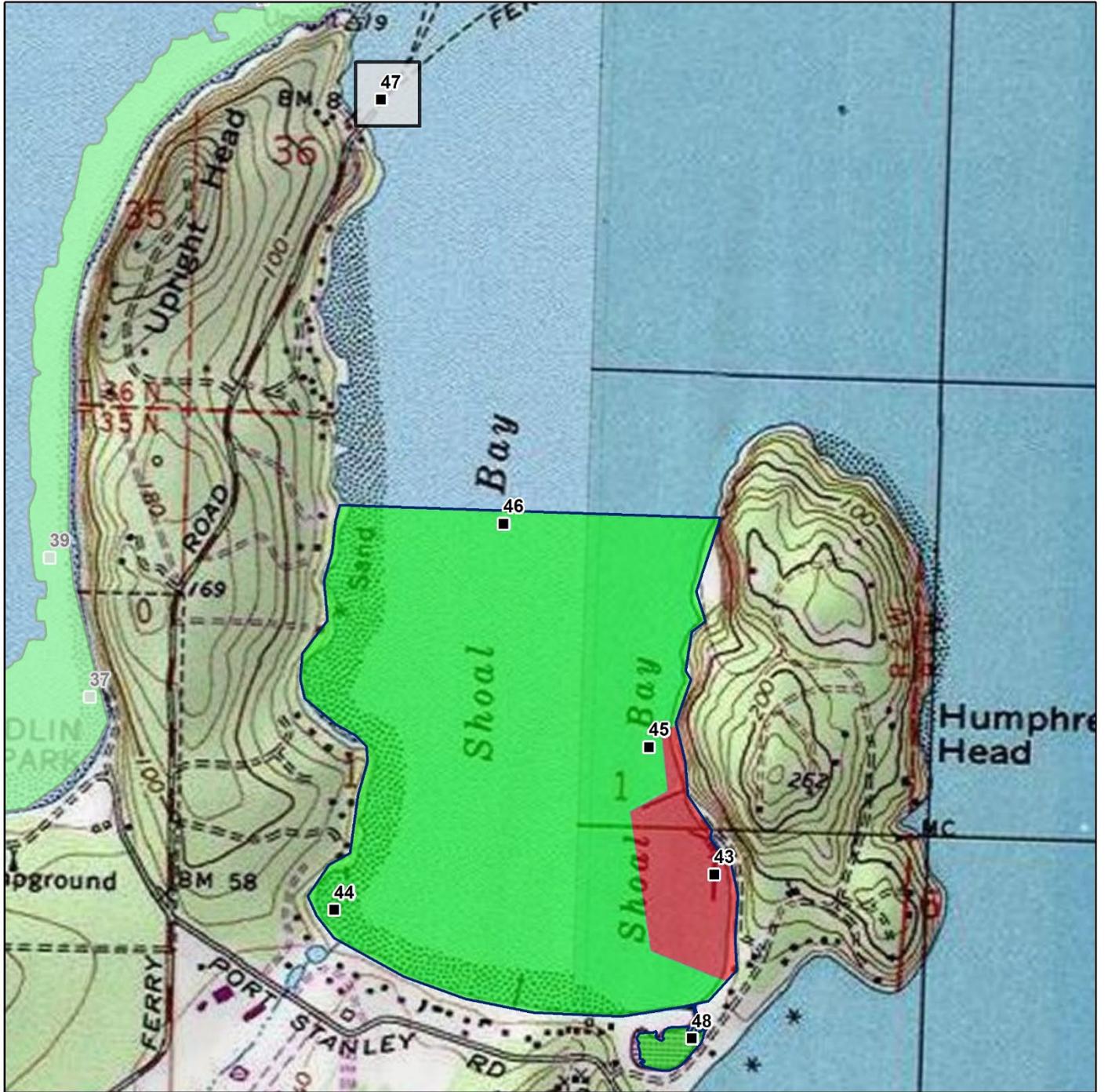
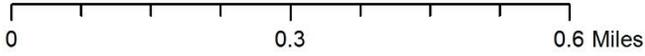
Tides Included: All

Station Number	Classification	Date Range	Range (FC/100 mL)	GeoMean (FC/100 mL)	E90th (FC/100 mL)	Meets Standard
44	Approved	2/5/2020 - 12/3/2024	1.7 - 22.0	2.2	5.2	Y
45	Approved	2/5/2020 - 12/3/2024	1.7 - 2.0	1.7	1.9	Y
46	Approved	2/5/2020 - 12/3/2024	1.7 - 2.0	1.7	1.8	Y
48	Approved	2/5/2020 - 12/3/2024	1.7 - 7.8	1.9	2.9	Y
47	Unclassified	11/19/2019 - 12/3/2024	1.7 - 1.7	1.7	1.7	Y

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

MAP 1. Shoal Bay Growing Area

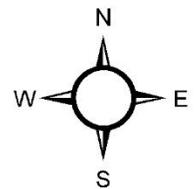




Classification

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified

Sampling Stations



* Some sampling stations are highlighted with grey box for ease of reading.