

Mats Mats Bay

Annual Shellfish Growing Area Review



Prepared By: Mark Toy

Area: Mats Mats Bay

Year Ending: December 31, 2022

Classification: Conditionally Approved

Activities in the Growing Area in 2022

The growing area was only sampled five times during the year due to a boat mechanical issue in December. Makeup sampling is scheduled in February 2023. Three sample events occurred during the Open period. The area was closed to harvest from June 1 through September 30 in accordance with the Conditionally Approved Area Management Plan.

A routine three-year shoreline evaluation was completed. Jefferson County Public Health identified elevated bacteria concentrations in two drainages but due to low wet season flow were not impacting the growing area. No new or changes in pollution sources were identified. Jefferson County Public Health continues PIC and enhanced O&M in the area using Centennial Clean Water Grant and local assessment funding.

Analytical Results of Water Samples

Table 1 summarizes the results of the last 30 samples collected from the area. This summary shows that all stations 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 and Recommendations

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

Management Plan Evaluation

1. Have all parties involved complied with the conditions of the management planYes
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) for the Mats Mats Bay Growing Area

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 th Percentile (FC/100mL)	Meets Standard
5	Conditionally Approved	11/16/2017 - 10/12/2022	1.7 - 240.0	2.4	8.5	Y
7	Conditionally Approved	11/16/2017 - 10/12/2022	1.7 - 170.0	2.4	8.1	Y
9	Conditionally Approved	11/16/2017 - 10/12/2022	1.7 - 130.0	3.1	11.8	Y
10	Conditionally Approved	11/16/2017 - 10/12/2022	1.7 - 33.0	2.4	5.8	Y
14	Conditionally Approved	11/16/2017 - 10/12/2022	1.7 - 110.0	2.5	9.6	Y
1	Unclassified	11/16/2017 - 10/12/2022	1.7 - 130.0	2.5	8.6	Y
2	Unclassified	11/16/2017 - 10/12/2022	1.7 - 130.0	2.4	7.9	Y
8	Unclassified	10/25/2017 - 10/12/2022	1.7 - 46.0	3.2	11.8	Y
12	Unclassified	11/16/2017 - 10/12/2022	1.7 - 7.8	1.8	2.6	Y

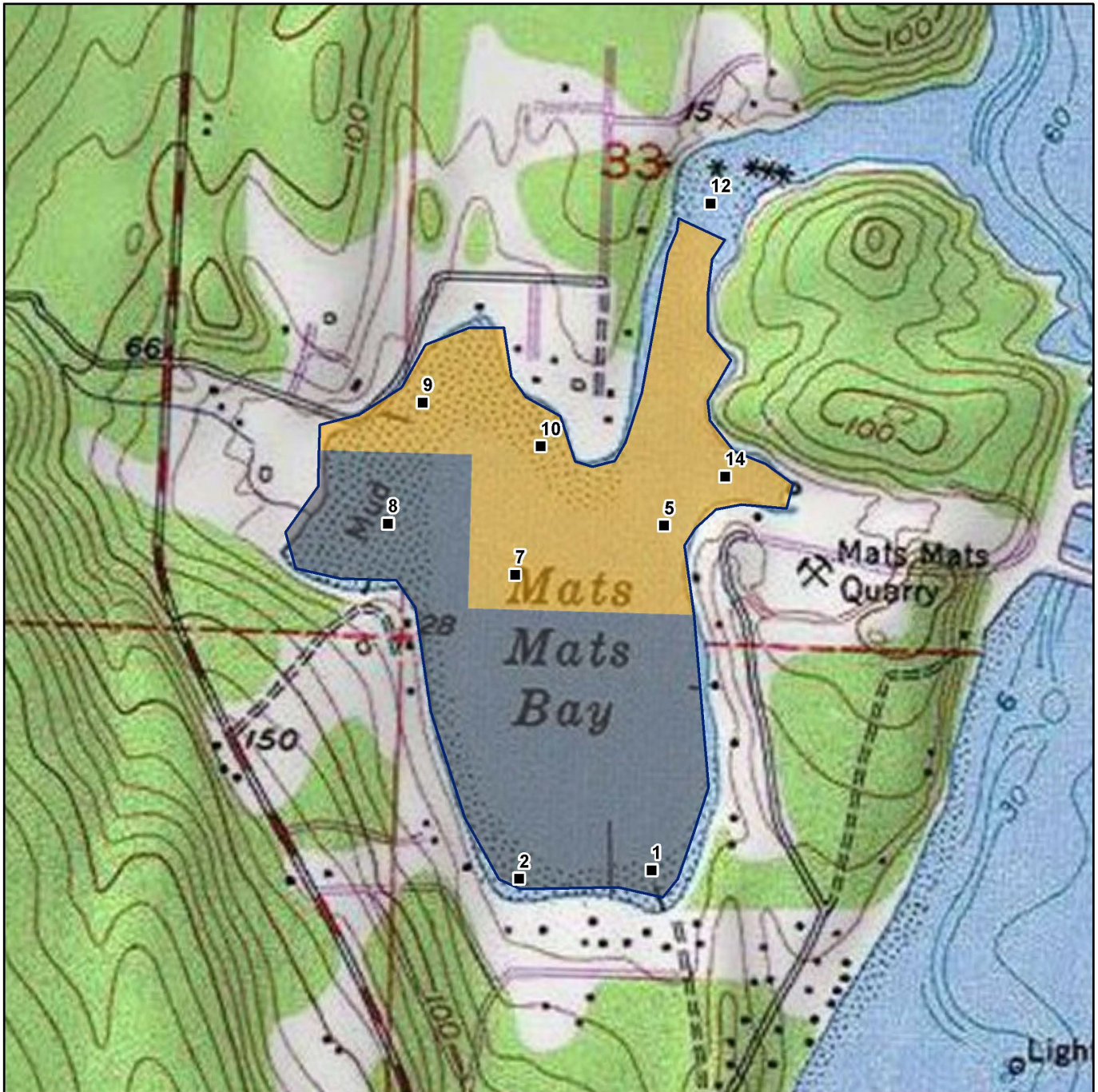
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.




MAP 1. Mats Mats Bay Growing Area

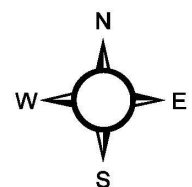
 Mats Mats Bay

0 0.25 0.5 Miles


 Date Updated: 7/11/2018



Classification		Sampling Stations
	Approved	
	Conditional	
	Prohibited	
	Restricted	
	Unclassified	



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