

Mats Mats Bay

Annual Shellfish Growing Area Review



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Area: Mats Mats Bay

Year Ending: December 31, 2023

Classification: Conditionally Approved

Activities in the Growing Area in 2023

The growing area was sampled seven times in accordance with the National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria to make up for 2022 when the growing area was only sampled five times due to a boat mechanical issue. Two sample events occurred during Open status. The area was closed to harvest from June 1 through September 30 in accordance with the Conditionally Approved Area Management Plan.

Jefferson County Public Health received NEP funds for septic system operation and maintenance (O&M) rebates and to implement a cost-share and grant program for septic system repair, replacement, and decommissioning/abatement in areas with potential to affect the growing area. The County also used Centennial Clean Water Grant funding and local assessment funding for enhanced septic O&M and pollution identification and correction activities in the region.

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 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 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) 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	1/29/2019-11/27/2023	1.7-240.0	2.3	7.9	Y
7	Conditionally Approved	1/29/2019-11/27/2023	1.7-170.0	2.4	7.7	Y
9	Conditionally Approved	1/29/2019-11/27/2023	1.7-130.0	2.6	8.6	Y
10	Conditionally Approved	1/29/2019-11/27/2023	1.7-33.0	2.3	5.2	Y
14	Conditionally Approved	1/29/2019-11/27/2023	1.7-110.0	2.4	8.7	Y
1	Unclassified	1/29/2019-11/27/2023	1.7-130.0	2.5	8.3	Y
2	Unclassified	1/29/2019-11/27/2023	1.7-130.0	2.4	7.9	Y
8	Unclassified	1/29/2019-11/27/2023	1.7-46.0	2.8	10.0	Y
12	Unclassified	1/29/2019-11/27/2023	1.7-13.0	2.1	4.0	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.

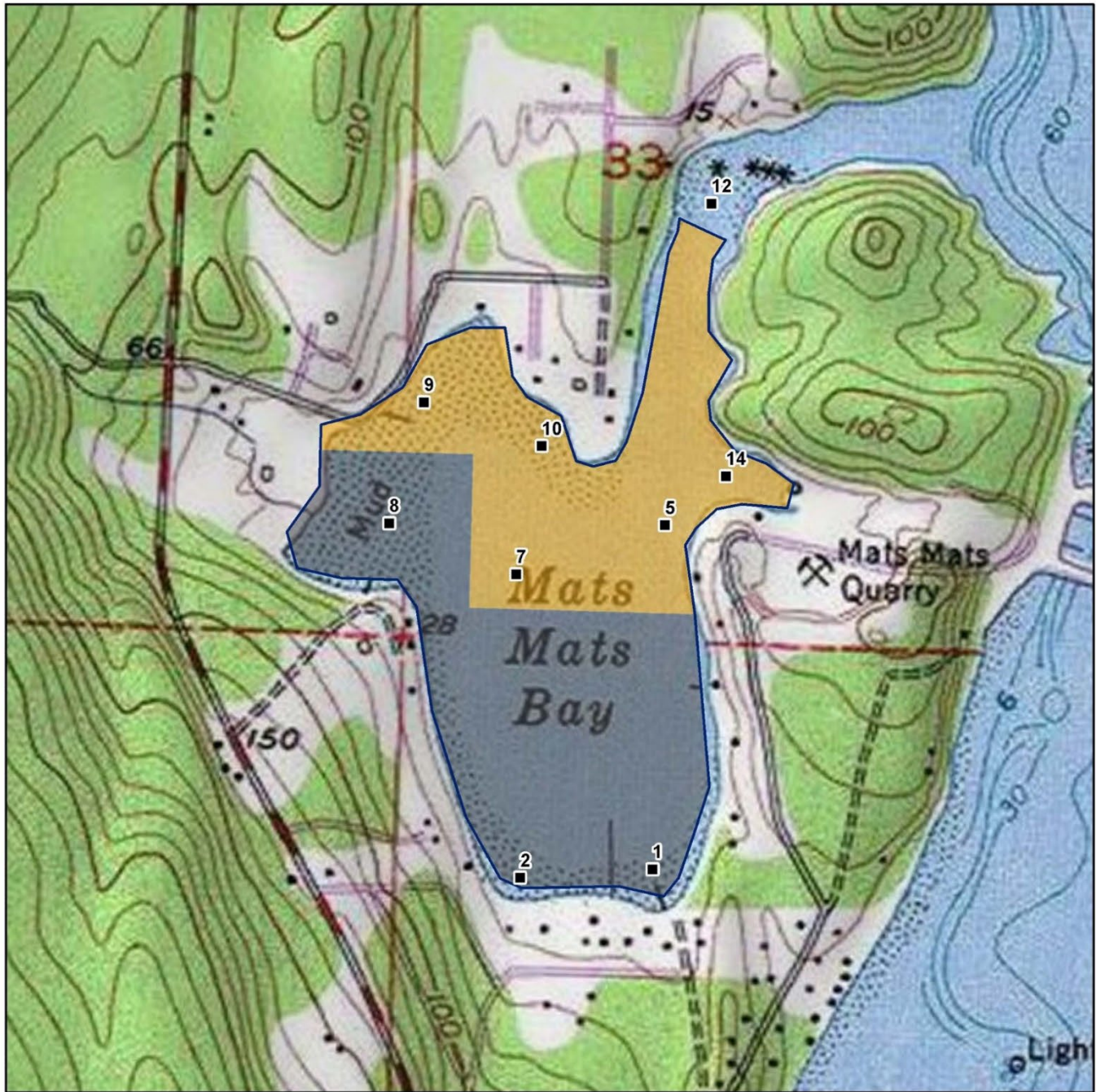
MAP 1. Mats Mats Bay Growing Area

 Mats Mats Bay

0 0.25 0.5 Miles

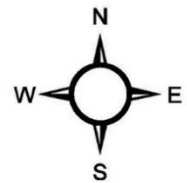


Date Updated: 7/11/2018



Classification	
	Approved
	Conditional
	Prohibited
	Restricted
	Unclassified

Sampling Stations

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