

Mats Mats Bay

Annual Shellfish Growing Area Review



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Area: Mats Mats 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 criteria. A routine shoreline survey was conducted, and no Direct or Indirect Impacts were identified. In June 2024, a Sanitary Survey removed the Conditionally Approved Area due to the low density of moored boats and their proximity to the classified growing area during all times of the year, good water quality at all marine stations, and no commercial shellfish harvest in the southern portion of growing area. The Conditionally Approved area was changed to the Approved classification, sampling ceased at Stations 1 and 2, and the overall Approved area was reduced to approximately 36 acres. The former Conditionally Approved area was closed from June 1, 2024, until June 14, 2024 for 13 days until the reclassification was finalized.

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. The June 2024 Sanitary Survey removed unclassified marine water stations 1 and 2 due to distance to the new Approved growing area, good water quality, and are redundancy with stations 5 and 7.

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

Note: The following information applies from Jan 1, 2024 to June 14, 2024. The June 2024 Sanitary Survey reclassified the Conditionally Approved area to Approved and therefore, the Conditionally Approved Area Management Plan ended.

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	Approved	2/6/2020 - 12/9/2024	1.7 - 240.0	2.3	7.9	Y
9	Approved	2/6/2020 - 12/9/2024	1.7 - 130.0	2.5	7.8	Y
10	Approved	2/6/2020 - 12/9/2024	1.7 - 33.0	2.2	4.9	Y
14	Approved	2/6/2020 - 12/16/2024	1.7 - 79.0	2.2	5.7	Y
7	Unclassified	2/6/2020 - 12/9/2024	1.7 - 170.0	2.2	6.7	Y
8	Unclassified	11/19/2019 - 12/9/2024	1.7 - 46.0	2.4	6.3	Y
12	Unclassified	2/6/2020 - 12/16/2024	1.7 - 13.0	2.2	4.3	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

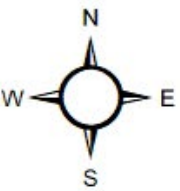
 Washington State Department of
Health
Date Updated: 5/23/2024



Classification

-  Approved
-  Conditional
-  Prohibited
-  Restricted
-  Unclassified

Sampling Stations



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