



# **GROWING AREA EQ**

**Seawall Point, Roque Bluffs to Starboard Island, Machiasport**

**Annual Report  
2022**

**Final  
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**March 24<sup>th</sup>, 2023**



## Field Observations of Pollution Sources

On August 9<sup>th</sup>, 2022, a drive through survey of growing area EQ was completed by DMR staff and a new beaver dam was discovered near station EQ 5.1. No new pollution sources were observed during sample collection.

## Review of Water Quality Results

**Table 1:** Geomean and P90 Scores, Growing Area EQ Approved, Restricted, Prohibited Areas, 2022. Geomeans and P90s not meeting current classifications are highlighted in red.

| Station  | Class | Count | GM  | SDV  | MAX  | P90  | Min Date  |
|----------|-------|-------|-----|------|------|------|-----------|
| EQ001.00 | A     | 30    | 2.4 | 0.31 | 52   | 6.1  | 4/9/2018  |
| EQ002.50 | A     | 30    | 3   | 0.53 | 420  | 14.9 | 4/9/2018  |
| EQ003.00 | A     | 30    | 2.8 | 0.47 | 460  | 11.5 | 4/9/2018  |
| EQ005.10 | A     | 30    | 6.9 | 0.56 | 152  | 36.8 | 5/2/2018  |
| EQ005.30 | A     | 30    | 3.8 | 0.46 | 126  | 14.9 | 8/1/2011  |
| EQ005.60 | A     | 30    | 3.5 | 0.62 | 1200 | 22.2 | 4/9/2018  |
| EQ006.20 | A     | 30    | 3.9 | 0.54 | 1020 | 19.6 | 5/2/2018  |
| EQ006.70 | A     | 30    | 3.8 | 0.4  | 124  | 12.9 | 5/14/2018 |
| EQ009.00 | A     | 30    | 2   | 0.15 | 8    | 3.2  | 4/9/2018  |

## CAMP Reviews, Inspection Reports, and Performance Standards

Growing area EQ has no conditional areas.

## Permitted Discharges

There are no permitted discharges in growing area EQ.

## Brief Report of Findings

**Emergency Closures:** The reports summarizing emergency closures such as flood and biotoxin closures for the entire state are in the DMR central files.

**Reclassifications:** Reclassification addendums to the sanitary survey report are in the DMR central files.



## Summary

All approved stations met their NSSP classification standard except for station EQ 5.1 which will be reclassified to Restricted. There were no station activations or deactivations in 2022. No investigative stations were active in area EQ during 2022.

**Table 2:** Count table for all Active Stations in Growing Area EQ, 2022

| Station  | Class | C | O | Samples Required | Total | Comments      |
|----------|-------|---|---|------------------|-------|---------------|
| EQ001.00 | A     | 3 | 6 | 6                | 9     | Flood Station |
| EQ002.50 | A     |   | 6 | 6                | 6     |               |
| EQ003.00 | A     | 3 | 6 | 6                | 9     | Flood Station |
| EQ005.10 | A     |   | 6 | 6                | 6     |               |
| EQ005.60 | A     |   | 6 | 6                | 6     |               |
| EQ006.20 | A     |   | 6 | 6                | 6     |               |
| EQ006.70 | A     |   | 6 | 6                | 6     |               |
| EQ009.00 | A     |   | 6 | 6                | 6     |               |

## Appendix A.

### Key to Water Quality Table Headers

Station = water quality monitoring station

Class = classification assigned to the station; Prohibited (P), Restricted (R), Conditionally Restricted (CR), Conditionally Approved (CA) and Approved (A). An unclassified or investigative station is (X).

Count = the number of samples evaluated for classification, must be a minimum of 30.

GM = means the antilog (base 10) of the arithmetic mean of the sample result logarithm (base 10).

SDV = standard deviation

Max = maximum score of the 30 data points in the count column

P90 = 90th percentile, Approved standard is 31, Restricted standard is 163

Min\_Date = oldest date sampled included in the calculations.

## Reference Material

An interactive map is available on the DMR website for reference. This map includes water quality station locations, end of year P90 scores, current classifications, and other information. [Shellfish Closures and Aquaculture Leases Map | Department of Marine Resources \(maine.gov\)](#)