



EE Annual 2022

GROWING AREA EE

Swans Island and Frenchboro

**Annual Report
2022**

**Final
Grace Robie, Marine Resource Specialist I**

March 8th, 2023



Field Observations of Pollution Sources

On October 4th, 2022, a drive through survey of growing area EE was completed by DMR staff and no new problems were discovered. No new pollution sources were observed during sample collection.

Review of Water Quality Results

Table 1: Geomean and P90 Scores, Growing Area EE 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
EE001.00	A	30	4.3	0.49	66	18.8	6/13/2018
EE001.20	A	30	3.1	0.37	33	9.6	5/21/2018
EE002.00	A	30	3.6	0.45	50	13.7	4/18/2018
EE003.00	A	30	2.3	0.17	10	4	4/18/2018
EE006.80	A	30	3.1	0.33	40	8.4	5/21/2018
EE007.00	R	30	5.6	0.67	360	41.5	6/13/2018
EE008.00	A	30	4.2	0.47	48	17.1	5/21/2018
EE009.30	P	30	3.6	0.42	38	12.6	5/21/2018
EE009.50	P	30	2.8	0.28	18	6.5	5/21/2018
EE009.70	A	30	3.6	0.47	200	14.7	5/21/2018
EE010.00	A	30	2.5	0.34	35	7.1	4/18/2018
EE011.00	A	30	4	0.62	240	25.2	4/18/2018
EE011.30	A	30	3.8	0.55	92	19.9	4/18/2018
EE011.40	A	30	4	0.54	100	20.4	4/18/2018
EE013.00	A	30	3.3	0.42	148	11.8	6/13/2018
EE014.50	A	30	2.6	0.29	27	6.4	4/18/2018
EE016.50	A	30	2.1	0.13	6	3.2	5/21/2018
EE017.30	A	30	3.2	0.52	540	14.9	5/21/2018
EE019.00	A	30	2.2	0.24	29	4.6	4/18/2018

CAMP Reviews, Inspection Reports, and Performance Standards

There are no conditional areas in growing area EE.

Permitted Discharges

There are no wastewater treatment plants in growing area EE. The current listings of National Pollution Discharge Elimination System (NPDES) and State Licensed Discharge sites for growing area EE are



shown in Table 2. The pollution area for each of these sites is also shown. There is one overboard discharge (OBD) in growing area EE. There were no OBDs removed during 2022 in Growing Area EE. Single OBD systems associated with more than one residence will have multiple permit IDs.

Table 2: Federal and State Licensed Discharges

Growing Area Section	Permit ID	Type	Facility	Waterbody
A1	MEG130023	Atlantic Salmon Aquaculture	Cooke Aquaculture, USA- Black Island South	Atlantic Ocean
A1	MEG130024	Atlantic Salmon Aquaculture	Cooke Aquaculture, USA, Inc., Scrag Island	Atlantic Ocean
A1	MEG130026	Atlantic Salmon Aquaculture	Cooke Aquaculture, USA, Inc., Black Island	Atlantic Ocean
P2	6896	OBD	Residential	Atlantic Ocean- Swans Island

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 and conditionally approved stations met their NSSP classification. There were no investigative stations active in area EE during 2022.

Table 3: Count table for all Active Stations in Growing Area EE, 2022

Station	Class	Closed	Open	Total	Samples Required	Comments
EE001.00	A		6	6	6	
EE001.20	A		6	6	6	
EE002.00	A		6	6	6	
EE003.00	A		6	6	6	
EE006.80	A		6	6	6	
EE007.00	R		6	6	6	
EE008.00	A		6	6	6	
EE009.30	P	6		6	6	
EE009.50	P	6		6	6	



Station	Class	Closed	Open	Total	Samples Required	Comments
EE009.70	A		6	6	6	
EE010.00	A		6	6	6	
EE011.00	A		6	6	6	
EE011.30	A		6	6	6	
EE011.40	A		6	6	6	
EE013.00	A		6	6	6	
EE014.50	A		6	6	6	
EE016.50	A		6	6	6	
EE017.30	A		6	6	6	
EE019.00	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 \(maine.gov\)](#)