



EJ Annual 2022

GROWING AREA EJ
Schoodic Point, Winter Harbor to Dyer Point, Steuben

Annual Report
2022

Final
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Field Observations of Pollution Sources

A drive through survey of growing area EJ was completed on May 18th, 2022 by DMR staff and no new problems were discovered. No new pollution sources were observed during sample collection. On July 26, 2022, DMR staff inspected a former failing septic in Prospect Harbor to confirm that it had been replaced.

Review of Water Quality Results

Table 1: Geomean and P90 Scores, Growing Area EJ 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
EJ002.00	A	30	2.4	0.3	56	5.9	6/13/2018
EJ003.00	A	30	2.8	0.34	24	7.8	6/13/2018
EJ004.00	A	30	3	0.35	35	8.6	12/18/2018
EJ008.00	A	30	2.8	0.4	88	9.4	12/10/2018
EJ009.00	A	30	2.3	0.26	29	5	6/13/2018
EJ014.00	A	30	3.6	0.52	120	16.9	2/6/2019
EJ015.00	A	30	2.6	0.29	16	6.3	4/23/2018
EJ016.00	A	30	2.4	0.36	78	7.1	4/23/2018
EJ022.00	A	30	1.9	0.05	3.6	2.2	3/20/2018
EJ024.00	A	30	2.1	0.15	6	3.3	3/20/2018
EJ024.20	A	30	2.4	0.29	52	5.6	3/20/2018
EJ024.70	A	30	2.6	0.33	44	7.2	3/20/2018
EJ024.90	A	30	4.5	0.46	72	17.6	3/20/2018
EJ025.50	A	30	5.1	0.41	33	17.2	5/10/2018
EJ026.00	A	30	3.3	0.39	58	10.8	5/7/2018
EJ027.00	A	30	2.3	0.25	22	4.9	5/7/2018
EJ027.902	A	30	3.7	0.4	44	12.4	4/25/2018
EJ028.70	A	30	3.6	0.4	35	12.2	4/25/2018
EJ029.40	A	30	3.6	0.43	98	13.2	4/25/2018
EJ030.50	A	30	3.1	0.43	124	11.4	4/25/2018
EJ030.90	A	30	3.1	0.36	46	9.3	4/25/2018
EJ031.00	A	30	2.9	0.36	24	8.7	4/25/2018
EJ031.50	A	30	2.9	0.35	32	8.4	4/25/2018
EJ033.00	A	30	2	0.14	8	3.1	5/7/2018
EJ034.00	A	30	1.9	0	2	1.9	5/7/2018
EJ030.00	P	30	11.5	0.55	160	58.9	4/25/2018



CAMP Reviews, Inspection Reports, and Performance Standards

There are two Conditionally Approved areas in Growing Area EJ. Both are based on seasonal variation in water quality. Birch Harbor is monitored by water quality station EJ06.00 and is open from November 1st to June 30th. The data support the Approved classification for the period between November 1st and June 30th and the area is compliant with the management plan.

Table 2: Birch Harbor Conditional Area; Geometric Mean, Count and P90 (OPEN status).

Station	Class	Count	MFCCount	GM	SDV	MAX	P90	Min_Date
EJ006.00	CA	30	30	4.7	0.61	154	29.2	2/4/2019

Long Mill Cove is monitored by water quality station EJ023.00 and is open from November 1st to April 30th. The data support Approved classification for the period between November 1st and April 30th. Long Mill Cove at year end 2022 meets approved standards year-round and will be consider for reclassification to Approved . The area was compliant with the management plan in 2022.

Table 3: Long Mill Cove Conditional Area; Geometric Mean, Count and P90 (OPEN status).

Station	Class	Count	MFCCount	GM	SDV	MAX	P90	Min_Date
EJ023.00	CA	30	30	2.9	0.37	38	8.6	2/5/2018

Permitted Discharges

The current listings of National Pollution Discharge Elimination System (NPDES) and State Licensed Discharges for Growing Area EJ are shown in Table 4. The pollution area for each of these sites is also shown. There are eleven overboard discharges (OBDs) and one lobster processing plant discharge in growing area EJ.

Table 4: Federal and State Licensed Discharges

Pollution Area	Permit ID	Type	Facility	Waterbody
EJ P4	2772	OBD	Gouldsboro	Prospect Harbor
EJ P4	3370	OBD	Gouldsboro	
EJ P4	3622	OBD	Gouldsboro	
EJ P4	4667	OBD	Gouldsboro	
EJ P4	7934	OBD	Gouldsboro	
EJ P4	7935	OBD	Gouldsboro	
EJ P4	6308	OBD	Gouldsboro	
EJ P5	3298	OBD	Gouldsboro	Shark Cove



Pollution Area	Permit ID	Type	Facility	Waterbody
EJ P3	3834	OBD	Gouldsboro	
EJ P3	4886	OBD	Gouldsboro	
EJ P2	4315	OBD	Gouldsboro	
EJ P4	ME0000710	Process Water	Maine Fair Trade Lobster	Prospect Harbor

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 stations met their NSSP classification standards for the year of 2022. The area monitored by station EJ 14.00 will be considered for upgrading to Approved based on P90 scores meeting approved standards. Water quality at station EJ 23.00 also meets approved standards and consideration will be taken to upgrade to an Approved classification.

Table 5: Count table for all Active Stations in Growing Area EJ, 2022

Station	Class	Closed	Open	Total	Samples Required	Comments
EJ002.00	A		7	7	6	
EJ003.00	A		7	7	6	
EJ004.00	A		7	7	6	
EJ006.00	CA	3	8	11	8	CA
EJ008.00	A		7	7	6	
EJ009.00	A		7	7	6	
EJ014.00	A		9	9	6	
EJ015.00	A		6	6	6	
EJ016.00	A		6	6	6	
EJ022.00	A		6	6	6	
EJ023.00	CA	4	7	11	7	CA
EJ024.00	A		6	6	6	
EJ024.20	A		6	6	6	
EJ024.70	A		6	6	6	
EJ024.90	A		6	6	6	
EJ025.50	A		6	6	6	



Station	Class	Closed	Open	Total	Samples Required	Comments
EJ026.00	A	4	6	10	6	flood
EJ027.00	A		6	6	6	
EJ027.902	A		6	6	6	
EJ028.70	A		6	6	6	
EJ029.40	A		6	6	6	
EJ030.00	P	6		6	6	
EJ030.50	A		6	6	6	
EJ030.90	A		6	6	6	
EJ031.00	A		6	6	6	
EJ031.50	A		6	6	6	
EJ033.00	A		6	6	6	
EJ034.00	A	3	6	9	6	flood

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), Approved (A) and Investigative (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. <https://www.maine.gov/dmr/shellfish-sanitation-management/maps/index.html>