



EN Annual 2020

GROWING AREA EN

**Cape Split, South Addison to Henry Point, Jonesport Including Beals,
Great Wass and Head Harbor Islands**

**Annual Report
2020**

**Final
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Field Observations of Pollution Sources

A drive through a survey of growing area EN was conducted on August 21, 2020 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 EN Approved, Restricted, Prohibited Areas, 2020. Geomeans and P90s not meeting current classifications are highlighted in red.

Station	Class	Count	GM	SDV	MAX	P90	Min_Date
EN001.00	A	30	3.6	0.48	160	15.5	7/13/2016
EN001.60	A	30	2.1	0.17	15	3.6	3/23/2016
EN003.00	A	30	2.7	0.39	70	8.8	5/9/2016
EN004.00	A	30	2.2	0.16	8	3.6	5/9/2016
EN006.40	A	30	2.4	0.28	25	5.7	5/9/2016
EN012.00	A	30	4.3	0.51	68	20.1	11/8/2017
EN013.00	A	30	2.8	0.34	66	7.7	7/14/2016
EN016.00	A	30	2.6	0.37	52	7.9	3/28/2016
EN017.60	A	30	2.1	0.16	8	3.5	4/20/2016
EN023.00	R	30	5.2	0.69	440	40.4	3/28/2016
EN023.50	A	30	2.5	0.32	44	6.7	8/12/2015
EN025.00	A	30	3.1	0.35	46	9.2	3/28/2016
EN027.00	A	30	4.4	0.57	108	23.9	3/28/2016
EN032.00	A	30	3.7	0.5	62	16.9	3/28/2016
EN037.00	P	30	2.8	0.4	54	9.4	3/28/2016
EN039.00	A	30	3.6	0.43	56	13	3/28/2016
EN043.00	A	30	3.9	0.53	300	18.8	3/28/2016
EN045.50	A	30	2.1	0.18	12	3.6	4/20/2016
EN047.60	A	30	2.3	0.26	20	5	4/20/2016

CAMP Reviews, Inspection Reports, and Performance Standards

Portions of the Indian River (Addison/Jonesport) and West River (Addison) are classified as Conditionally Approved (54-B (D.1)) due to seasonal variations in water quality. This area is in the open status from October 31st through June 30th. This area is monitored by sampling stations EN 6.9, EN 10.0 and EN 10.50. Based on the P90 results at these sampling stations and lack of point sources of pollution, this conditional area remains in compliance.



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Table 2: Indian River and West River Conditional Area; Geometric Mean, Count, and P90 (OPEN status).

Station	Class	Count	GM	SDV	MAX	P90	Min_Date
EN006.90	CA	30	2.8	0.4	92	9.3	1/3/2017
EN010.00	CA	30	3	0.38	32	9.4	2/21/2017
EN010.50	CA	30	3.5	0.46	84	14.2	2/21/2017

Permitted Discharges

The current listings of the National Pollution Discharge Elimination System (NPDES) and State Licensed Discharge sites for growing area EN are shown in Table 3. The pollution area for each of these sites is also shown. There are seven overboard discharges (OBDs) in growing area EN, two NPDES permits for process water and four NPDES permits for finfish aquaculture. There were no OBDs removed during 2020 in Growing Area EN.

Table 3: Federal and State Licensed Discharges

Pollution Area	Permit ID	Type	Facility	Water Body
54 (A.1)	6735	OBD	Jonesport	Donovans Cove
54 (A.1)	6736	OBD	Jonesport	Donovans Cove
54 (A.1)	6753	OBD	Jonesport	Donovans Cove
54 (A.1)	6752	OBD	Jonesport	Donovans Cove
54 (A.1)	6756	OBD	Jonesport	Donovans Cove
54 (A.1)	6755	OBD	Jonesport	Donovans Cove
54 (A.1)	6757	OBD	Jonesport	Donovans Cove
54 (A.1)	ME0110248	process water	Moosabec Mussels	Moosabec Reach
EN Approved	MEG130032	aquaculture	Cooke Aquaculture	Eastern Bay
EN Approved	MEG130030	aquaculture	Cooke Aquaculture	Eastern Bay
EN Approved	MEG130029	aquaculture	Cooke Aquaculture	Eastern Bay
EN Approved	ME0110442	process water	Carver Shellfish	Eastern Bay
EN Approved	ME0037460	aquaculture	Downeast Institute for Applied Research & Education	Western Bay



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, conditionally approved and restricted stations met their NSSP classification standard in 2020. Water quality stations EN 00.99, EN 1.1, EN 15, EN 26, EN 38, and EN 42 were deactivated in 2020. Water quality station EN 1 was reclassified in 2020 to approved based on the updated shoreline survey and improved water quality. Water quality station EN 27 was upgraded to approved in 2020. Stations EN 1 and EN 27 are monitoring stations within the resource area.

Table 4: Count table for all Active Stations in Growing Area EN, 2020

Station	Class	Closed	Open	Total	Samples Required	Comments
EN001.00	A		7	7	6	
EN001.60	A	2	7	9	6	flood
EN003.00	A		8	8	6	
EN004.00	A	2	7	9	6	flood
EN006.40	A		7	7	6	
EN006.90	CA	1	8	9	6	
EN010.00	CA	2	8	10	6	
EN010.50	CA	2	8	10	6	
EN012.00	A		7	7	6	
EN013.00	A		7	7	6	
EN016.00	A	2	7	9	6	flood
EN017.60	A		6	6	6	
EN023.00	R		7	7	6	
EN023.50	A		7	7	6	
EN024.127	X		2	2	2	Offshore quahog station
EN025.00	A		7	7	6	
EN027.00	A		7	7	6	
EN032.00	A		7	7	6	
EN037.00	P	7		7	6	
EN039.00	A		7	7	6	
EN043.00	A	2	7	9	6	flood
EN045.50	A		6	6	6	
EN047.60	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), 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, the 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>