



GROWING AREA EK

Dyer Bay, Dyer Harbor, and Pinkham Bay

**Annual Report
2022**

**Final
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March 8th, 2023



Field Observations of Pollution Sources

On May 18th, 2022, a drive through survey of growing area EK 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 EK 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
EK002.00	A	30	2.5	0.3	33	6.1	6/18/2018
EK003.00	A	30	3.3	0.46	126	13.2	6/18/2018
EK003.10	A	30	2.7	0.38	108	8.3	6/18/2018
EK003.80	R	30	3.4	0.44	72	12.6	6/18/2018
EK004.00	R	30	9.7	0.83	1700	112.5	6/18/2018
EK005.00	R	30	3.9	0.54	104	20	6/18/2018
EK005.10	A	30	3.2	0.54	260	15.8	6/18/2018
EK006.00	R	30	5.7	0.64	440	38.8	6/18/2018
EK006.30	A	30	4.4	0.49	86	19.1	6/18/2018
EK006.50	A	30	2.4	0.26	16	5.4	6/18/2018
EK007.00	A	30	2.5	0.41	124	8.8	6/18/2018
EK008.00	A	30	2.7	0.28	29	6.4	6/21/2018
EK008.50	A	30	2.1	0.2	22	4	6/18/2018
EK008.90	A	30	2.3	0.23	15	4.7	8/7/2018

CAMP Reviews, Inspection Reports, and Performance Standards

There are no conditional areas in growing area EK.

Permitted Discharges

There are no wastewater treatment plants in growing area EK. The current listings of National Pollution Discharge Elimination System (NPDES) and State Licensed Discharge sites for growing area EK are shown in Table 2. Single OBD systems associated with more than one residence will have multiple permit IDs. The pollution area for each of these sites is also shown. There is one overboard discharge (OBD) in growing area EK. There were no OBDs removed during 2022 in Growing Area EK.



Table 2: Federal and State Licensed Discharges

Growing Area Section	Permit ID	Type	Facility	Waterbody
P1	003436	OBD	Residential	Dyer 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 and conditionally approved stations met their NSSP classification standard. There were no investigative stations active in area EK during 2022.

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

Station	Class	Closed	Open	X	Total	Samples Required	Comments
EK002.00	A		7		7	6	
EK003.00	A		7		7	6	
EK003.10	A		7		7	6	
EK003.80	R		7		7	6	
EK004.00	R		7		7	6	
EK005.00	R		7		7	6	
EK005.10	A		7		7	6	
EK006.00	R		7		7	6	
EK006.30	A		7		7	6	
EK006.50	A		7		7	6	
EK007.00	A		7		7	6	
EK008.00	A		7		7	6	
EK008.50	A		7		7	6	
EK008.90	A		7		7	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 \(maine.gov\)](https://www.maine.gov/dmr/shellfish-closures-aquaculture-leases-map)