



ED Annual 2022

**GROWING AREA ED  
Isle Au Haut**

**Annual Report  
2022**

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



### Field Observations of Pollution Sources

On June 6<sup>th</sup>, 2022 a drive through survey of growing area ED was completed and no new problems were discovered.

### Review of Water Quality Results

**Table 1.** Geomean and P90 Scores, Growing Area ED 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
ED001.50	A	30	2	0.13	6	3.1	5/29/2018
ED003.70	A	30	2	0.11	6	2.9	5/29/2018
ED005.10	A	30	2.5	0.29	22	6	5/29/2018

### CAMP Reviews, Inspection Reports, and Performance Standards

There are no conditional areas in Growing Area ED.

### Permitted Discharges

Isle au Haut is a remote, sparsely populated (pop. 92) island located 11 miles from the mainland. Roughly half of the island (4,000 acres) is designated as Acadia National Park. There are no permitted discharges in growing area ED.

### 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. There were no investigative stations active in area ED during 2022. There were no water quality stations deactivated in growing area ED in 2022.

**Table 2.** Count table for all Active Stations in Growing Area, ED, 2020

Station	Class	Open	Total	Samples Required	Comments
ED001.50	A	6	6	6	
ED003.70	A	6	6	6	
ED005.10	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, 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>