



GROWING AREA WX

Penobscot River Down to Castine

**Annual Report
2021**

Final

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March 3rd, 2022



Field Observations of Pollution Sources

On November 2nd, 2021, a drive through survey of growing area WX 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 WX Approved, Restricted, Prohibited Areas, 2021. Geomeans and P90s not meeting current classifications are highlighted in red.

Station	Class	Count	GM	SDV	MAX	P90	Min Date
WX000.50	A	30	2.7	0.29	38	6.3	4/24/2017
WX002.00	A	30	3.9	0.42	36	13.6	4/24/2017
WX003.00	A	30	3.9	0.37	42	11.8	4/24/2017
WX004.00	A	30	3.2	0.33	29	8.8	4/24/2017
WX005.00	A	30	3.8	0.37	90	11.7	4/24/2017
WX026.00	A	30	3.6	0.41	52	12.3	5/22/2017
WX028.00	A	30	2.4	0.24	22	5	5/22/2017
WX031.00	A	30	2.6	0.31	34	6.7	5/22/2017

CAMP Reviews, Inspection Reports, and Performance Standards

There are no conditional areas in growing area WX.

Permitted Discharges

There is one wastewater treatment plant in growing area WX. The current listings of National Pollution Discharge Elimination System (NPDES) and State Licensed Discharge sites for growing area WX are shown in Table 2. The pollution area for each of these sites is also shown. There are two overboard discharges (OBDs) in growing area WX. There were no OBDs removed during 2021 in Growing Area WX.

Table 2: Federal and State Licensed Discharges

Pollution Area	Permit ID	Type	Facility	Water Body
P1	ME0001457	Fuel storage	Webber Tanks Inc, Bucksport	Penobscot River
P1	ME0100111	Treated wastewater, Storm Water	Town of Bucksport WWTF	Penobscot River
P1	ME0002160	Landfill Leachate, Storm Water	Bucksport Mill LLC, Bucksport	Penobscot River
P1	ME0037478	Land based aquaculture wastewater	Whole Oceans LLC, Bucksport	Penobscot River



Pollution Area	Permit ID	Type	Facility	Water Body
P1	001079	OBD	Prospect	Penobscot River
P2	007947	OBD	Castine	Penobscot 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 WX during 2021.

Table 4: Count table for all Active Stations in Growing Area WX, 2021

Station	Class	Closed	Open	Total	Samples Required	Comments
WX000.50	A		6	6	6	
WX002.00	A		6	6	6	
WX003.00	A		6	6	6	
WX004.00	A		6	6	6	
WX005.00	A		6	6	6	
WX026.00	A		6	6	6	
WX028.00	A		6	6	6	
WX031.00	A	9	6	15	6	Flood Station

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.

X= investigative station

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>