

## EXPERIMENTAL LEASE APPLICATION

### 1. APPLICANT CONTACT INFORMATION

Applicant	Christopher Green	
Contact Person	Christopher Green	
Address	8 Bonny Brook Place	
City	Brunswick	
State, Zip	Maine 04011	
County	Cumberland	
Telephone	207-319-0528	
Email	c.green48@yahoo.com	
Payment Type	<input type="checkbox"/> Check (included)	<input type="checkbox"/> Credit Card

*Note: The email address you list here will be the primary means by which we will contact you. Please provide an email address checked regularly. If you do not use email, please leave this blank.*

### 2. PROPOSED LEASE SITE INFORMATION

Location of Proposed Lease Site	
Town	Harpswell, Maine
Waterbody	Middle Bay
General Description (e.g. south of B Island)	Near White Island in Middle Bay
Lease Information	
Total acreage (4-acre maximum) and lease term (3-year maximum) requested	4 acres
Type of culture (check all that apply)	<input type="checkbox"/> Bottom (no gear) <input checked="" type="checkbox"/> Suspended (gear in the water and/or on the bottom) <input type="checkbox"/> Net Pen (finfish)
Is any portion of the proposed lease site above mean low water?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Note:** If you selected yes, you need to complete the steps outlined in the section titled: "17. Landowner/Municipal Permission Requirements".

*Directions:* Information for growing area designations can be found here:  
<https://www.maine.gov/dmr/shellfish-sanitation-management/closures/index.html>

Growing Area Designation (e.g. "WL"):	WJ Approved
Growing Area Section (e.g. "A1"):	

**Note:** If you are proposing to grow molluscan shellfish in waters classified as anything other than open/approved, you will need to contact the Bureau of Public Health to discuss you plans at the following email: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

#### 4. GENERAL LEASE INFORMATION

A. Please complete the table below and add additional rows as needed.

Name of species to be cultivated (include both common and scientific names):	Name and address of the source of seed stock or juveniles	Maximum number (or biomass) of organisms you anticipate on the site at any given time
1. Hard Clam/ quahog ( <i>Mercenaria mercenaria</i> )	Muscongus Bay Aquaculture PO Box 204 Bremen, Me 04551 207-529-4100  Downeast Institute 39 Wildflower Lane Beals, ME 04611 2072595048  Mook Sea Farm 321 ME RT 129 Walpole, Me 04573 207- 563-1456	4 million
2. Soft-shelled clam ( <i>Mya arenaria</i> )	Muscongus Bay Aquaculture PO Box 204 Bremen, Me 04551 207-529-4100  Downeast Institute 39 Wildflower Lane Beals, ME 04611 2072595048  Mook Sea Farm 321 ME RT 129 Walpole, Me 04573 207-563-1456	4 million
Atlantic Razor clam ( <i>Ensis directus</i> )	Downeast Institute 39 Wildflower Lane Beals, ME 04611 2072595048	4 million

B. Do you intend to possess, transport, or sell whole or roe-on scallops?  Yes  No

**If you answered “yes”** please contact the Bureau of Public Health to discuss your plans at the following email: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

**Note:** If you are proposing to grow molluscan shellfish, this application also serves as your written operational plan as required in the National Shellfish Sanitation Program (NSSP) Model Ordinance Chapter 2, and must be maintained in your files. If you wish to submit an operational plan separate from this application, please contact: [DMRPublicHealthDiv@maine.gov](mailto:DMRPublicHealthDiv@maine.gov)

## 5. VICINITY MAP

**Note:** You may embed the maps within the document, or attach the maps to the end of your application. If you attach the maps, please label them according to the instructions provided below. If you attach the map, please label it: 'Vicinity Map'.

**Directions:** Using a NOAA Chart or USGS topographic map, show the area within a minimum of one-half mile of the proposed lease site.

The map needs to display the following:

- The waters, shore lands, and lines of mean high and mean low water within the general area of the lease
- An arrow indicating true north
- A scalebar
- The approximate lease boundaries

## 6. BOUNDARY DRAWING

**Note:** If you attach a drawing, please label it 'Boundary Drawing'.

**Directions:** Depict the boundaries of the proposed lease site. Provide a drawing with all corners, directions, and distances labeled. Provide coordinates for each corner as follows:

- Coordinate Description  
Provide geographic coordinates for each corner of the lease site in latitude and longitude as accurately as possible (e.g., to the nearest second or fraction of a second). Identify the datum from the map, chart, or GPS unit used to develop these coordinates. The datum will be shown on the map or chart you are using. The Coordinate Description may be provided separately from the Boundary Drawing.

## 7. RESEARCH PROGRAM AND OPERATIONS

**Directions:** If you are cultivating more than one species, you will need to provide the below information for each species. Please attach a separate page if needed.

**A. Type of study (check one):**  Scientific Research  Commercial Research

*Please note:*

*a) Scientific research is not kept confidential.*

*b) Experimental leases for commercial research are not renewable. Results of commercial research are kept confidential.*

**B. What is the purpose of the study? If scientific, please include a detailed study design.**

The purpose of the study is to determine if the site is suitable for growing product and pursuing a standard lease. If the site proves successful, then I plan to pursue a standard lease.

**C. Describe the general culture process for each species proposed.**

Clams will be cultured on the bottom. They will be planted on the bottom or grown out in soft grow bags.

**D. What months will the proposed activities (i.e. seeding, tending, and harvesting) occur?**

Year round. Seeding will be done in the summer months. Tending and harvesting will occur year round.

**E.** How often will you be at the site during seeding and harvesting periods?

Up to 7 days a week.

**F.** How frequently will you visit/tend the site for routine maintenance (i.e. flipping cages, etc.)?

Up to 7 days a week.

**G.** Describe the harvesting techniques you will use. If you plan on using a drag, please provide the dimensions.

Pulling bags up from the bottom or hand harvesting at low tide.

**H.** Describe any overwintering or “off season” plans for the site. For example, will you remove gear from the site and/or deploy gear in different areas within the proposed site? Please include where gear or product will be located if moved from the site.

Gear may be changed in the winter months. If there is risk of ice then gear will be removed. I intend to deploy gear as long as possible until there is risk of damage. Ideally I hope to leave gear year round but it will be observed on a very regular basis to ensure that it is removed in time to prevent damage if need be.

I. What type of machinery (e.g. generator, drag, grading equipment, etc.) will you be using on the site? When and how often will the machinery be used?

There will be no machinery other than the use of a boat to access the site.

J. Please provide details on any predator control techniques you plan to employ, including the use of bird deterrents. Will you use commercially available or custom equipment? If commercially available equipment, please include the brand and model names. If custom equipment, please attach a detailed schematic that includes the dimensions, materials, and function of the equipment.

There will be either 4 foot wide chicken wire that will be placed in rows 1 foot apart from each other, running the length of the lease to protect shell stock that is planted in the flats. It is secured to the bottom using either PVC or rebar.

I may alternatively use netting available from the company "Industrial Netting" which is sold in 14' wide by 3,000' long predator netting. This will be cut to 4' wide for predator covering.

Predator netting will only cover broadcasted seed. This is covering a natural broadcast - meaning the seed is directly in the mudflat and covered by the netting in up to a 4' wide row by the up to length of lease. This is staked to the bottom with PVC or rebar.

The chicken wire is 1" netting 20mm gauge staked to the bottom with PVC or rebar.

There is **no suspended gear**. The only surface gear is marker buoys as required by regulation.

## 8. EXISTING USES

**Directions:** Describe the existing uses of the proposed area. Please include the amount of activity, the time of year the activity occurs, frequency, and proximity to the lease site.

A. Describe the existing uses of the proposed area in questions A.1 through A.5 below. Please include the a) type b) time of year c) frequency, and d) proximity to the lease site for each existing use.

### 1. Commercial Fishing

There is pogie fishing in the area when the season is open. This occurs to the East, North and South of Scrag Island. It is too shallow near the proposed site. Some small craft commercial clam boats can be observed traveling through the area at mid tides. The area is not used for clam harvesting, only as a passage to access flats with harvestable populations. No commercial clam or shellfish harvesting has been observed in this flat in more than 20 years. This has been confirmed with the harbormaster and coastal resource manager. Regular mud flat monitoring and evaluation has been taking place in the Brunswick area for many years. This occurs

predominantly in the months of May – September but may occur year round with less frequency. Tim Johnson leases site MIDD CI that is use for farming oysters and quahogs and accesses his site from Middle Bay.

**2. Recreational Fishing**

There has been some recreational striped fishing observed in the area. This may occur at high tide but has not been observed personally. The site is quite shallow from the West side of Scrag Island to the West side of the site from mid to low tide so limited access at these times. This occurs predominantly in the months of June – September..

**3. Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water)**

Some recreational boating occurs and there has been some kayaking observed from mid to high tides. Kayaking occurs very regularly in the months of May – September in the mud flat area near Crow Island, Scrag Island and White Island.

**4. Ingress and egress (i.e. coming and going) of shorefront property owners within 1,000 feet of the proposal (e.g. docks, moorings, landing boats on shore, etc.)**

The site should not affect riparian ingress or egress.

**5. Other uses (kayaking, swimming, etc.)**

Some kayaking has been observed. No swimming has been observed at the site.

**B. Are there private docks, moorings, or other access points within 1,000 feet of the proposed lease? If yes, please include approximate distance from proposed lease.**

There are no docks or moorings within 1,000 feet.

Tim Johnson lease site MIDD CI is approximately 1,070' to the Northeast who has a upweller and dock within his site.

**C. Are there public beaches, parks, or docking facilities within 1,000 feet of the proposed lease site. If yes, please describe and include approximate distances from proposed lease.**

There are no public beaches, parks, or docking facilities within 1,000 feet of the proposed lease site.



**D.** Are there any Limited Purpose Aquaculture (LPA) licenses or aquaculture leases within 1,000 feet of your proposed lease site? If yes, please list their acronyms below.

Current and pending aquaculture leases and active LPA licenses may be found here:  
<https://www.maine.gov/dmr/aquaculture/leases/index.html>

No

## 9. CURRENT OPERATIONS

**Directions:** If a question does not pertain to your proposed operations, please write “not applicable” or “N/A.”

**A.** Describe your existing aquaculture operations, including the acronyms of all active leases and/or licenses.

At this time I hold 1 limited purposed aquaculture license and its acronym is CGRE321.

**B.** What are your plans for any existing leases and/or Limited Purposed Aquaculture (LPA) licenses if the lease is granted? Will any existing leases and/or Limited Purpose Aquaculture (LPA) licenses be relinquished if the lease is granted? If so, please indicate which ones.

I may not plan to renew CGRE321 if an experimental lease I have submitted for the same area is approved.

## 10. EXCLUSIVE USE

If your lease is granted, what activities would you request be excluded from occurring within the boundaries of the lease site? In your answer please address applicable commercial and recreational fishing, boating activities, and other activities you listed in the 'Existing Uses' section of this application.

If the lease is granted I ask that dragging and all shellfish harvesting not be allowed within the site.

### 11. ENVIRONMENTAL CHARACTERIZATION

**Directions:** Using your knowledge of the area, describe the environment of the proposed lease site. Be sure to include units of measurement in your answers (i.e. feet, cm/s).

**A.** What are the approximate depths at mean low water?

+/- 0'

**B.** What are the approximate depths at mean high water?

+/- 11'

**C.** Provide the approximate current speed and direction during the ebb and flow.

No more than 1 knot and it travels North to South.

D. The following questions (D.1 through D.6) may be answered in writing or by submitting a video. If you plan to submit a video, please contact the Department prior to video collection.

1. What are the bottom characteristics (mud, sand, gravel, rock, ledge or some mix, etc.)?

Muddy bottom.

2. Describe the bottom topography (flat, steep rough, etc.).

The bottom is flat.

3. Describe marine organisms by species or common names. Based on your personal observations or other sources of information, are these species abundant, common, or rare?

There has been no shell stock found at the site. The site might have been a historical shellfish bed but no viable shell stock has been found or identified.

4. Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.

~~There has been no shell stock found at the site or viable shellfish beds.~~

There has been no viable shellfish beds found on the site, but we did find Quahogs random through out, at a less than recreational amount.

5. Describe the presence and extent of submerged aquatic vegetation, i.e. eelgrass, within the proposed lease area. Please include the date of this observation along with the method of observation. If submerged aquatic vegetation is observed, please also describe the abundance below and sketch the limits of the beds in the vicinity map.

There has no eelgrass observed at the site. The DMR 1997 data shows eelgrass at the site but there is none to be seen over numerous site visits.

6. Describe the general shoreline and upland characteristics (rocky shoreline, forested, residential, etc.)

The shoreland is rocky and forested.

E. Is your proposed lease located within a Maine Department of Inland Fisheries and Wildlife designated Essential Habitat?

Yes  No

**Note:** The location of Essential Habitats in the State of Maine, along with information on how projects within these areas are reviewed, can be found here: <https://www.maine.gov/ifw/fish-wildlife/wildlife/endangered-threatened-species/essential-wildlife-habitat/index.html>

**If a project is located within an Essential Habitat**, applicants are strongly encouraged to contact the MDIFW Environmental Review Coordinator ([John.Perry@maine.gov](mailto:John.Perry@maine.gov), phone: 207-287-5254) prior to application submission.

F. Will your operations discharge anything into the water such as feed (pellets, kelp, etc.) or chemical additives (therapeutants, chemical treatments, etc.)?

Yes  No

**Note:** If you answered yes, you must submit a video of the bottom using a method prescribed by the Department. **The video must be filmed between April 1 and November 15.** If a discharge is proposed you will also need to obtain a Maine Department of Environmental Protection (DEP)

discharge permit. For information on this permit please contact DEP's Wastewater Licensing Program ([Gregg.wood@maine.gov](mailto:Gregg.wood@maine.gov), 207-287-7693). Further sampling may be required by DMR, or DEP, depending on the characteristics of the site or the proposed activities.

## **12. STRUCTURES** *(if applicable)*

If your operations require the use of cages, nets, ropes, trays, or any object (structure) other than the organism to be grown directly on the bottom or buoys to mark the corners of the lease site, you must submit an **Overhead View** and **Cross-Section View** of your gear plans. It is important to note that, unlike Limited Purpose Aquaculture (LPA) Licenses, experimental and standard leases require that all gear, including moorings, must be located within the proposed lease boundaries.

**Note:** You may embed the gear plans, or attach them to the end of your application. If you attach the plans, please label them according to the instructions provided below.

### **A) Overhead View** (please label this “Overhead View”):

**Directions:** All dimensions need to be labeled with the appropriate units (i.e. 10ft, 10in)

- Show maximum layout of gear including moorings.
- Show dimensions of entire gear layout
- Show approximate spacing between gear.
- Show lease boundaries and the location of proposed markers on all drawings.

### **B) Cross-Section View** (please label this “Cross Section View”):

**Directions:** The cross-section view must show the following:

- The sea bottom
- Profile of gear in cross-section as it will be deployed
- Label gear with dimensions and materials
- Show mooring gear with mooring type, scope, hardware, and line type and size
- Water depth at mean high and mean low water

**Note:** Please include an additional Cross Section View, depicting the elements listed above, if there will be seasonal changes to gear layout (i.e. over wintering).

**C) Gear Description**

**Directions:** List and describe each individual gear type that you will use in the table below.

<b>Specific Gear Type</b> <i>(e.g. soft mesh bag)</i>	<b>Dimensions</b> <i>(e.g. 16"x20"x2")</i>	<b>Time of year gear will be deployed</b> <i>(e.g. Spring, Winter, etc.)</i>	<b>Maximum amount of this gear type that will be deployed on the site</b> <i>(i.e. 200 cages, 100 lantern nets, etc.)</i>	<b>Species that will be grown using this gear type</b>
Soft nylon grow bags	3'X4'	Spring through risk of ice. April - December If no ice occurs gear may be left year round.	10,800 – though I do not anticipate using this many.	Hard shell clams, soft shell clams or razor clams
Predator netting	Up to 120 rows of 4' X 290'	Spring through risk of ice. April - December If no ice occurs gear may be left year round.	Predator netting could potentially cover all gear on lease. 4 acres.	Hard shell clams, soft shell clams or razor clams
LD2 Buoys Moorings 50lb	22"	Year round Year round	20 20	N/A
PVC Collection boxes	2'X4'	Up to year round	8	Hard shell clams, soft shell clams or razor clams

**D) Gear Drawing** (please label this “Gear Drawing”).

**Directions:** Include a drawing of an individual piece of gear for each of the gear type(s) you plan to use. The drawing(s) needs to depict the length, width, and height of each gear type with appropriate units referenced (i.e. 10in, 10ft, etc.).

**13. MARKING**

Will you be able to mark your site in accordance with DMR regulations, Chapter 2.80? In part, this requires marker buoys which clearly display the lease ID and the words SEA FARM to be located at each corner of the lease.

Yes     No

If you answered no, explain why and suggest alternate markings.

**Note:** If a lease is granted, you will also be required to mark the site in accordance with appropriate US Coast Guard Regulations. If you have questions about US Coast Guard regulations contact: 1<sup>st</sup> Coast Guard District, Aids to Navigation Office.

#### 14. RIPARIAN LANDOWNERS AND SITE ACCESS

A. If your lease is within 1,000ft of shorefront land (**which extends to mean low water or 1,650 ft. from shore, whichever is less, according to NOAA charts**), the following supporting documents are required:

1. A labeled copy of a tax map(s) depicting the location of the proposed lease site and including the following elements:
  - Label the map “Tax Map: Town of (name of town).”
  - Legible scale
  - Tax lot numbers clearly displayed
  - The boundaries of the proposed lease
2. Please use the Riparian Landowner List (included on the next page) to list the name and address of every shorefront landowner within 1,000ft of the proposed lease site. Have the tax collector or clerk of the municipality certify the list. Refer to the riparian determination guidance document to ensure all riparian landowners are included:  
<https://www.maine.gov/dmr/aquaculture/forms/documents/RiparianDetermination.pdf>
3. If any portion of the site is intertidal you need to complete the steps outlined in “17. Landowner/Municipal Permission Requirements”.

**B.** Will your access to the lease area be across riparian land?

Yes     No

**Note:** If you selected yes, you will need to complete the landowner permission requirements included in “17. Landowner/Municipal Permission Requirements” of this application.

**C.** How will you access the proposed site?

Via boat



## RIPARIAN LANDOWNER LIST

THIS LIST MUST BE **CERTIFIED** BY THE TOWN CLERK

On this list, please include the map number, lot number, and the current owners' names and mailing addresses for all shorefront parcels within 1,000 feet of the lease site. It is the applicant's responsibility to assemble the information for the Town Clerk to certify. The Town Clerk only certifies that the information is correct according to the Town's records. Once you have completed the form, ask the Town Clerk to complete the certification section below. If riparian parcels are located within more than one municipality, provide a separate, tax map and certified riparian list for each municipality.

TOWN OF:     Harpswell    

MAP #	LOT #	Landowner name(s) and address(es)
<u>80</u>	<u>22</u>	Klein, Margaret 637 Mere Point Road Brunswick Me 04011
<u>80</u>	<u>24</u>	Harpswell Heritage Land Trust P.O. Box 359 Harpswell Maine 04079 Crow Island
<u>80</u>	<u>6</u>	CHRIST ELLIS Sr & CHASTAL as Trustees of the Ellis Family Revocable Living Trust.
		14126 HARTSOOK Street Scrag IS.
		Sherman Oaks, CA. 91423

Lot 6

**Please use additional sheets if necessary and attach hereto.**

### CERTIFICATION

I, Tracy H. Gaudet, Town Clerk for the Town of Harpswell certify that the names and addresses of the property owners listed above, as well as the map and lot numbers, are those listed in the records of this municipality and are current as of this date.

SIGNED: Tracy H. Gaudet, Duty DATE: 1/18/2022

## RIPARIAN LANDOWNER LIST

THIS LIST MUST BE **CERTIFIED** BY THE TOWN CLERK

On this list, please include the map number, lot number, and the current owners' names and mailing addresses for all shorefront parcels within 1,000 feet of the lease site. It is the applicant's responsibility to assemble the information for the Town Clerk to certify. The Town Clerk only certifies that the information is correct according to the Town's records. Once you have completed the form, ask the Town Clerk to complete the certification section below. If riparian parcels are located within more than one municipality, provide a separate, tax map and certified riparian list for each municipality.

TOWN OF: Brunswick

MAP #	LOT #	Landowner name(s) and address(es)
<u>31</u>	<u>29</u>	King, Robert C JR & Nancy P JT, 553 Mere Pt. Road Brunswick ME 04011
<u>31</u>	<u>18D</u>	The Lee Grodzins 2011 Revocab, Gordzins, Lee, trustee 14 Strathan Road, Lexington MA 02421

**Please use additional sheets if necessary and attach hereto.**

### CERTIFICATION

I, Nancy Pinette <sup>Appraiser</sup> Town Clerk for the Town of Brunswick certify that the names and addresses of the property owners listed above, as well as the map and lot numbers, are those listed in the records of this municipality and are current as of this date.

SIGNED: Nancy G. Pinette DATE: 1/14/22

### 15. ESCROW ACCOUNT OR PERFORMANCE BOND

Check the category that describes your operation:

Check Here	Lease Category	Amount of Required Escrow or Performance Bond
<input type="checkbox"/>	No gear/structure, no discharge	None
<input type="checkbox"/>	No gear/structure, discharge	\$500.00
<input type="checkbox"/>	≤ 400 square feet of gear/structure, no discharge	\$1,500.00
<input checked="" type="checkbox"/>	>400 square feet of gear/structure, no discharge	\$5,000.00*
<input type="checkbox"/>	Gear/Structure, discharge	\$25,000.00

\*DMR may increase the bond/escrow requirements for leases with more than 2,000 feet of structure.

I, (printed name of applicant) CHRIS GREEN have read DMR Aquaculture Regulations 2.64(10) (D) and if this proposed lease is granted by DMR I will either open an escrow account or obtain a performance bond, depending on the category of lease.

  
**Applicant Signature**

1-16-2022  
**Date**

*Note: Add title if signing on behalf of a corporate applicant.*

**ADDITIONAL APPLICANTS:** Each applicant must sign this section indicating that they will open an escrow account or obtain a performance bond. Use the space below for additional persons listed on the application. You may attach additional pages, if necessary.

I, (printed name of applicant) \_\_\_\_\_ have read DMR Aquaculture Regulations 2.64(10)(D) and if this proposed lease is granted by DMR I will either open an escrow account or obtain a performance bond, depending on the category of lease.

\_\_\_\_\_  
**Applicant Signature**

\_\_\_\_\_  
**Date**

*Note: Add title if signing on behalf of a corporate applicant.*

## 16. APPLICANT SIGNATURE PAGE

I hereby state that the information included in this application is true and correct. I have also read and understand the requirements of the Department's rules governing aquaculture and the application instructions pertaining to the experimental lease process.

Printed name: CHRIS GREEN

Title (if corporate applicant): \_\_\_\_\_

Signature:  \_\_\_\_\_ Date: 1.16.2022

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

**Note:**

- All applicants must sign and date this page. Please use the space below, if additional signatures are required.
- Corporate applicants, please be sure to include the title (i.e. President, Treasurer, etc.) of the individual(s) signing on the company's behalf.

**17. LANDOWNER/MUNCIPAL PERMISSION REQUIREMENTS (if applicable)**

**PART I: The use of private property to access your site.**

Pursuant to 2.64(C)(6) if you are using private property to access the proposed lease site, you need to submit written permission from the property owner with your application. It is your responsibility to obtain written permission. Please note that the Department does not provide forms for landowner or municipal permission. **If any portion of your site is also intertidal you will need to complete the steps outlined in Part II, below.**

**PART II: If any portion of the site is intertidal you need to complete the following steps:**

**Step I: Obtain written permission from all intertidal landowners.**

Pursuant to 2.64(C)(6) the Department requires *written permission of every owner of intertidal land in, on, or over which the experimental activity will occur*. It is your responsibility to obtain written permission and include it with your application materials. Please note that the Department does not provide forms for landowner permission.

**Step II: Determine if the municipality where your site is located has a shellfish conservation program.**

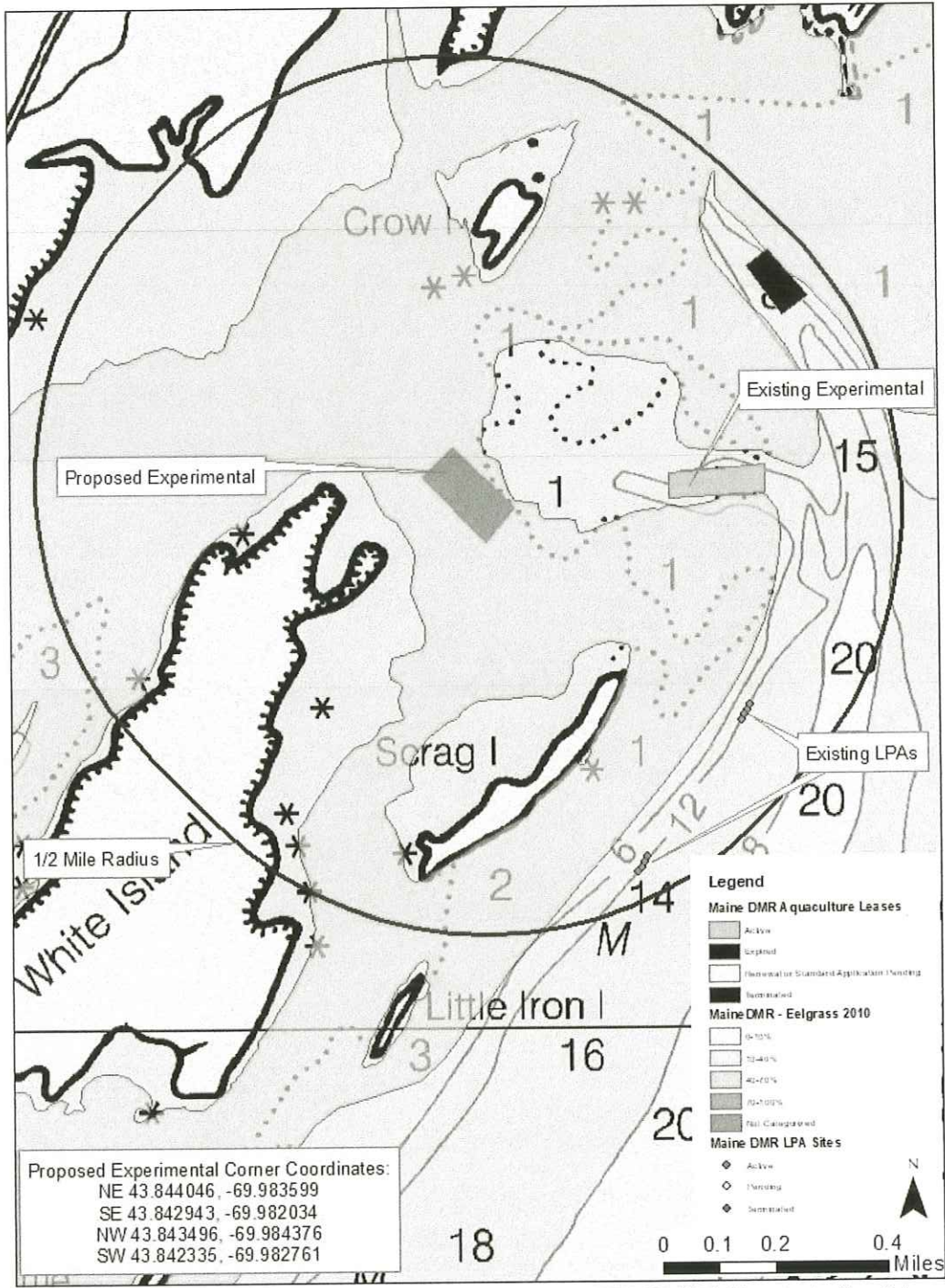
Pursuant to 12 MRSA §6072(3) *In any municipality with a shellfish conservation program under section 6671, the Commissioner may not lease areas in the intertidal zone within the municipality without the consent of the municipal officers.*

If the municipality where the proposed lease site is located has a shellfish conservation program, it is your responsibility to obtain consent for the proposed lease site from the municipal officers (i.e. the selectmen or councilors of the town, or the mayor and aldermen or councilors of a city.) Consent means a majority vote of the municipal officers as recorded in a public meeting.

It is your responsibility to contact the municipality and determine if they have a shellfish conservation program. Best practices would include discussing your plans with shellfish committee members, but only the consent of municipal officers is required.

1. Does the municipality, where the proposed site is located, have a shellfish conservation program?  Yes  No

**If you answered yes**, please attach documentation from a public meeting demonstrating that a majority of municipal officers have consented to your proposal.

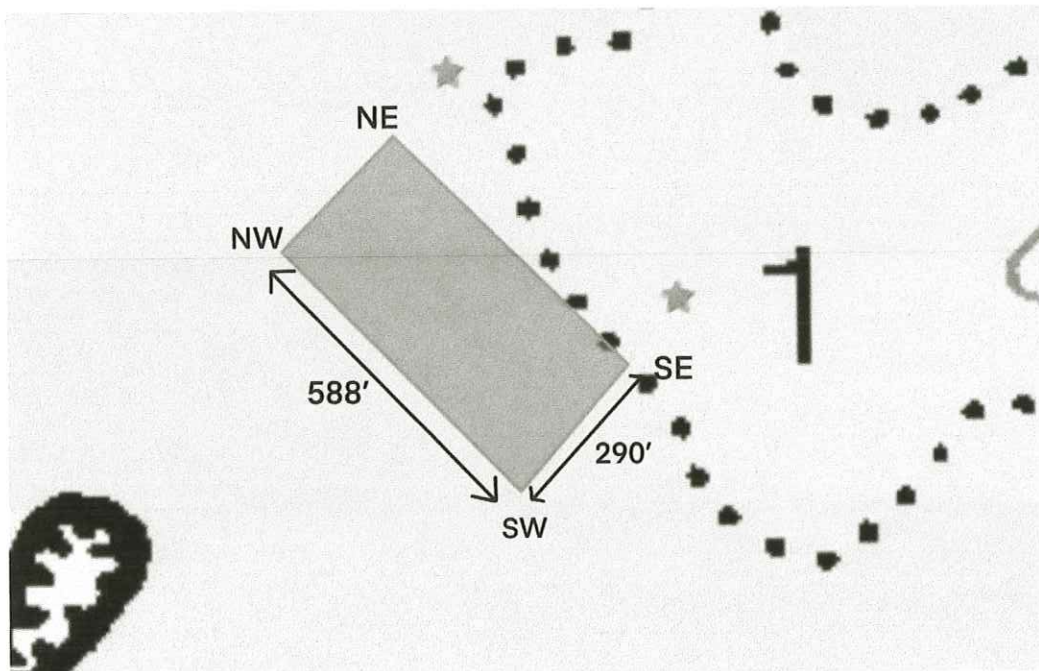


Maine Coast Marine Maps  
 Map Author: Alicia Gaiero  
 July 30, 2021

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere  
 Projection: Mercator Auxiliary Sphere  
 Datum: WGS 1984

**Chris Green White Island Experimental Vicinity Map**

# White Island Boundary Drawing

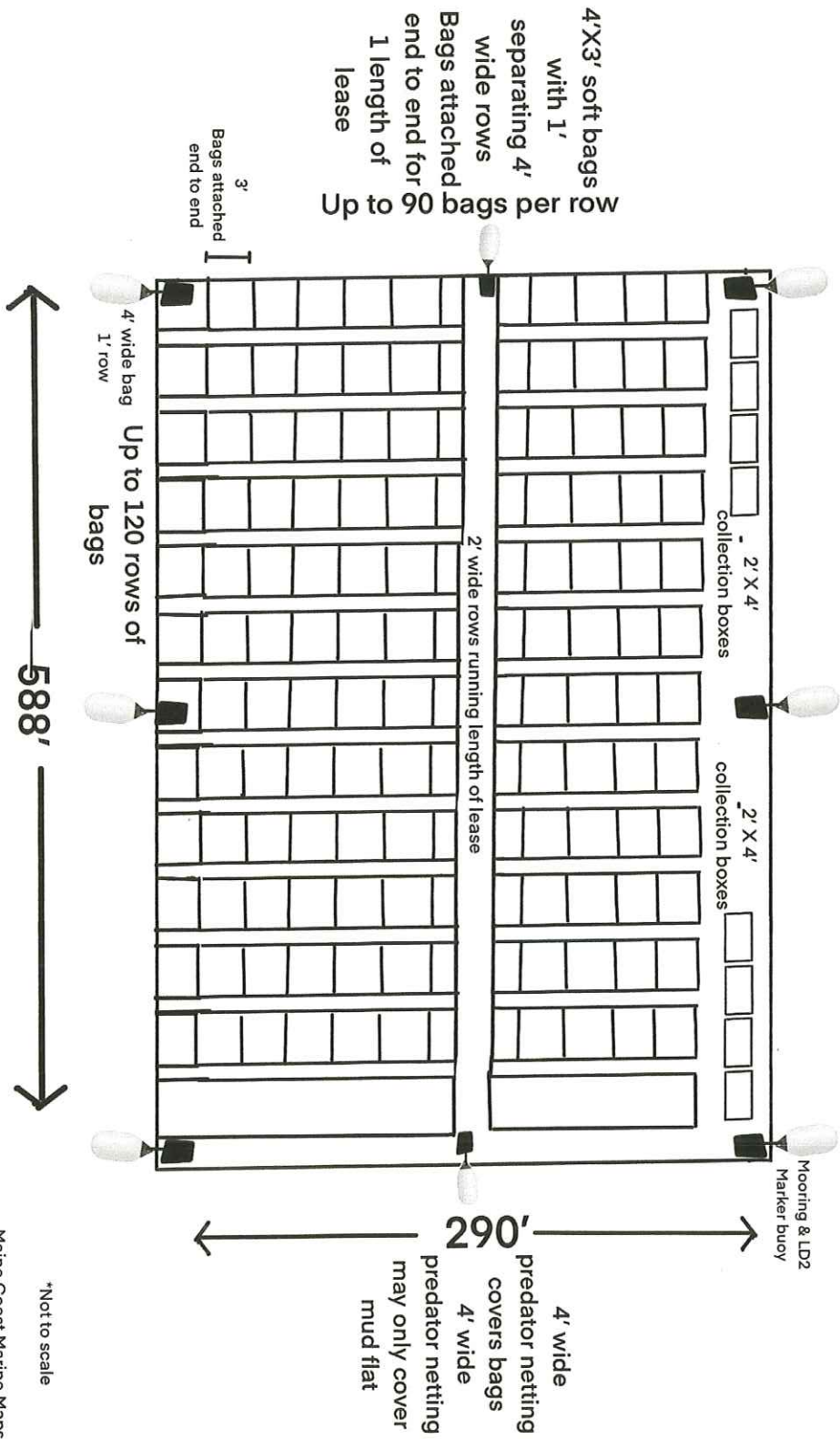


**Corner Coordinates:**

NE: 43.844046, -69.983599  
SE: 43.842943, -69.982034  
NW: 43.843496, -69.984376  
SW: 43.842335, -69.982761

Maine Coast Maine Maps  
Illustrator: Alicia Gaiero

# Overhead View



\*Not to scale

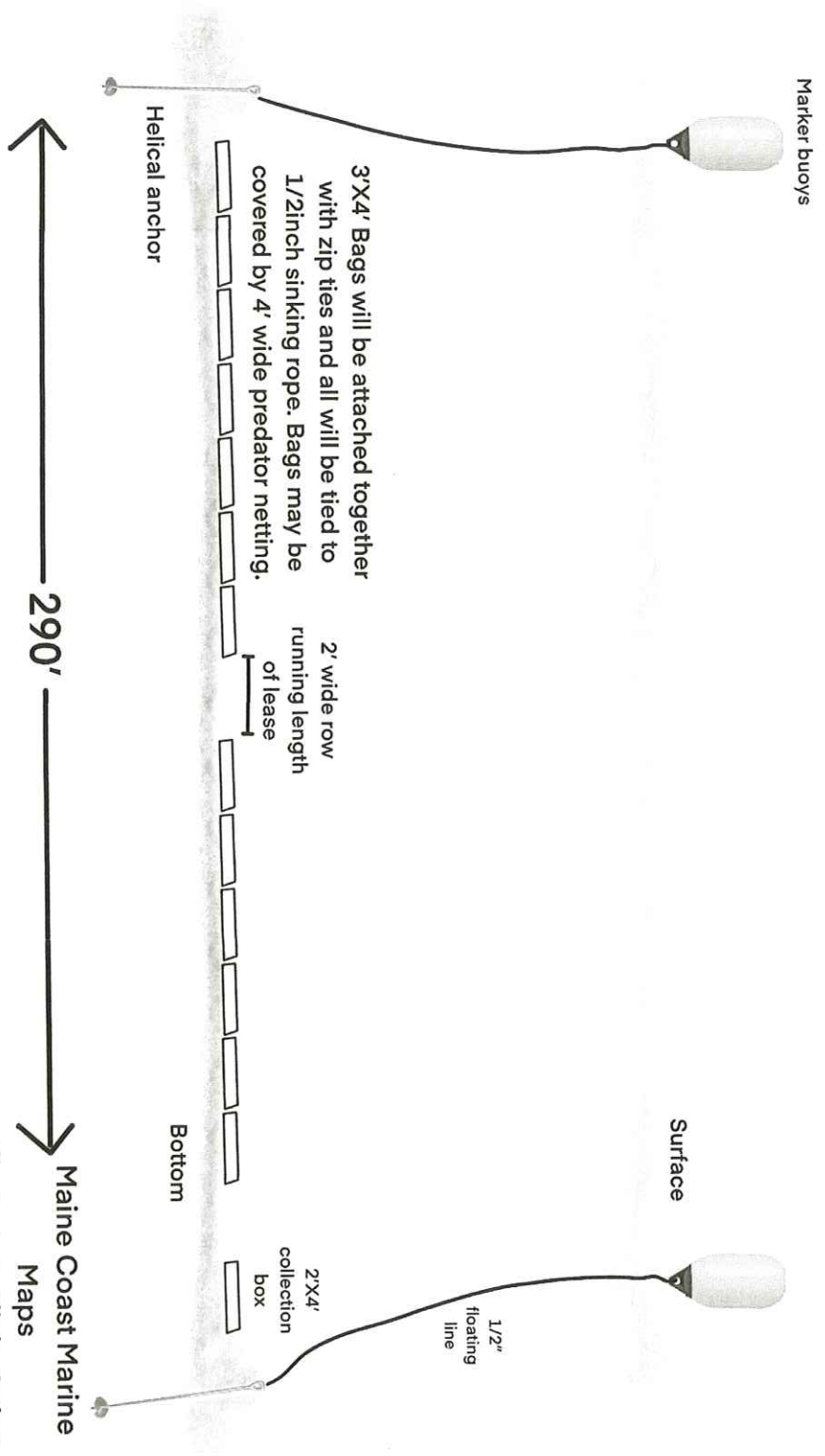
Maine Coast Marine Maps  
Illustrator: Alicia Gatero

MLW: +/- 0  
MHW: +/- 11



\*Not to scale

# Soft Bag Cross-Section View

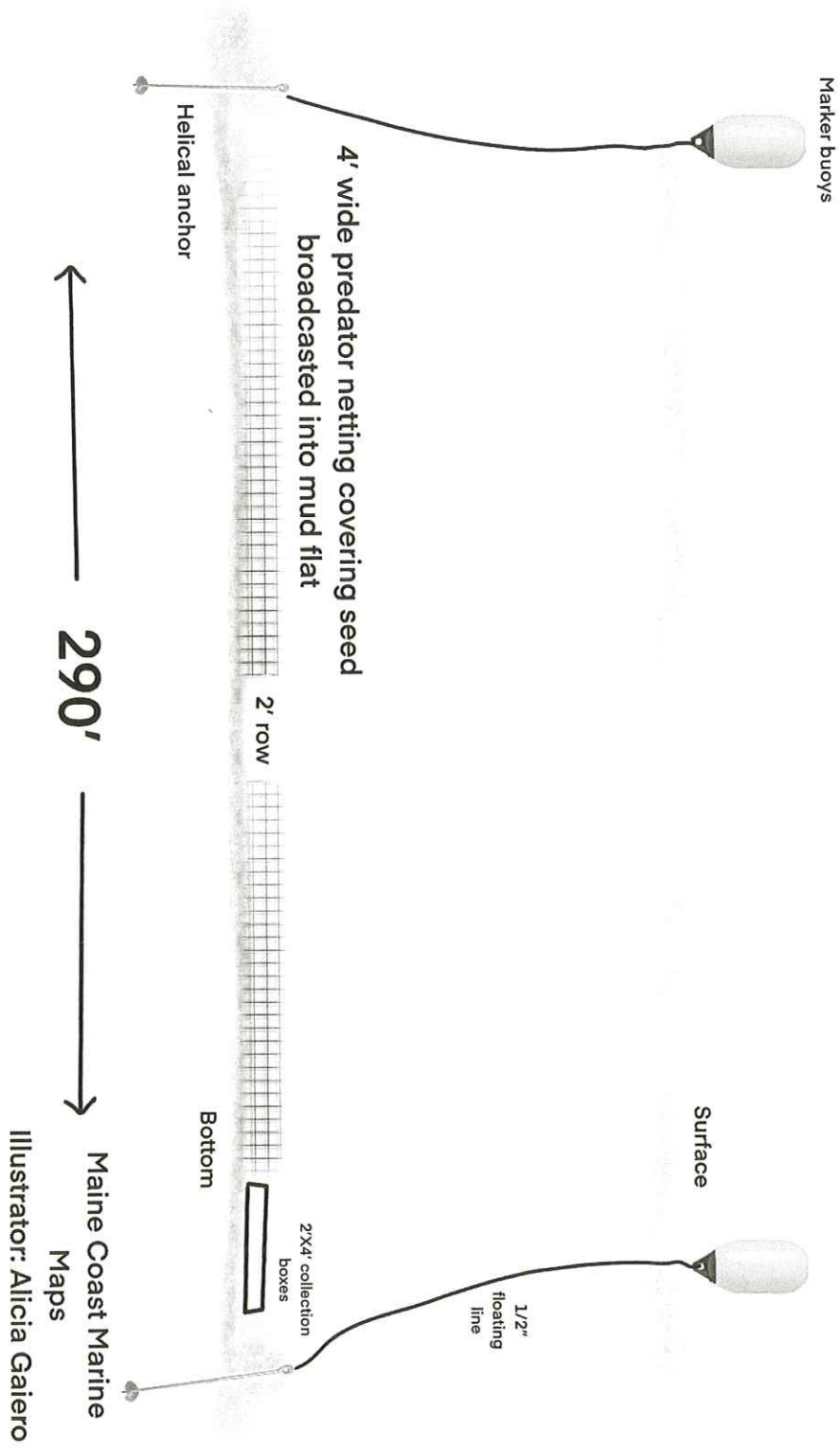


Maine Coast Marine  
Maps  
Illustrator: Alicia Gaiero

MLW: +/- 0  
MHW: +/- 11

# Predator Netting Cross-Section View

\*Not to scale



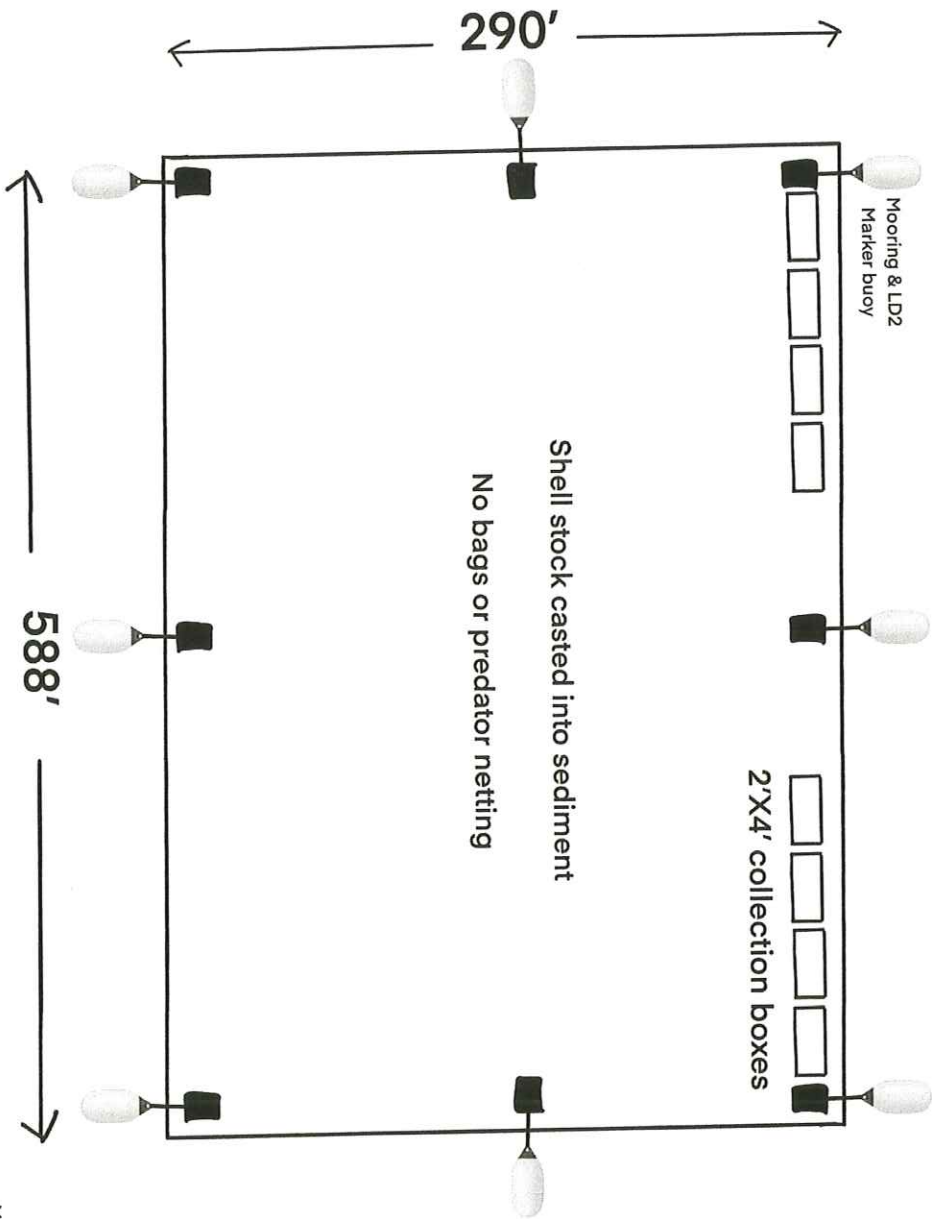
Maine Coast Marine  
Maps  
Illustrator: Alicia Gaiero

Please note that gear will not exceed 4' in width. The predator netting is purchased at 14' wide and will be cut into 4' width sections

MLW: +/- 0

MHW: +/- 11

# Overwintering Overhead View



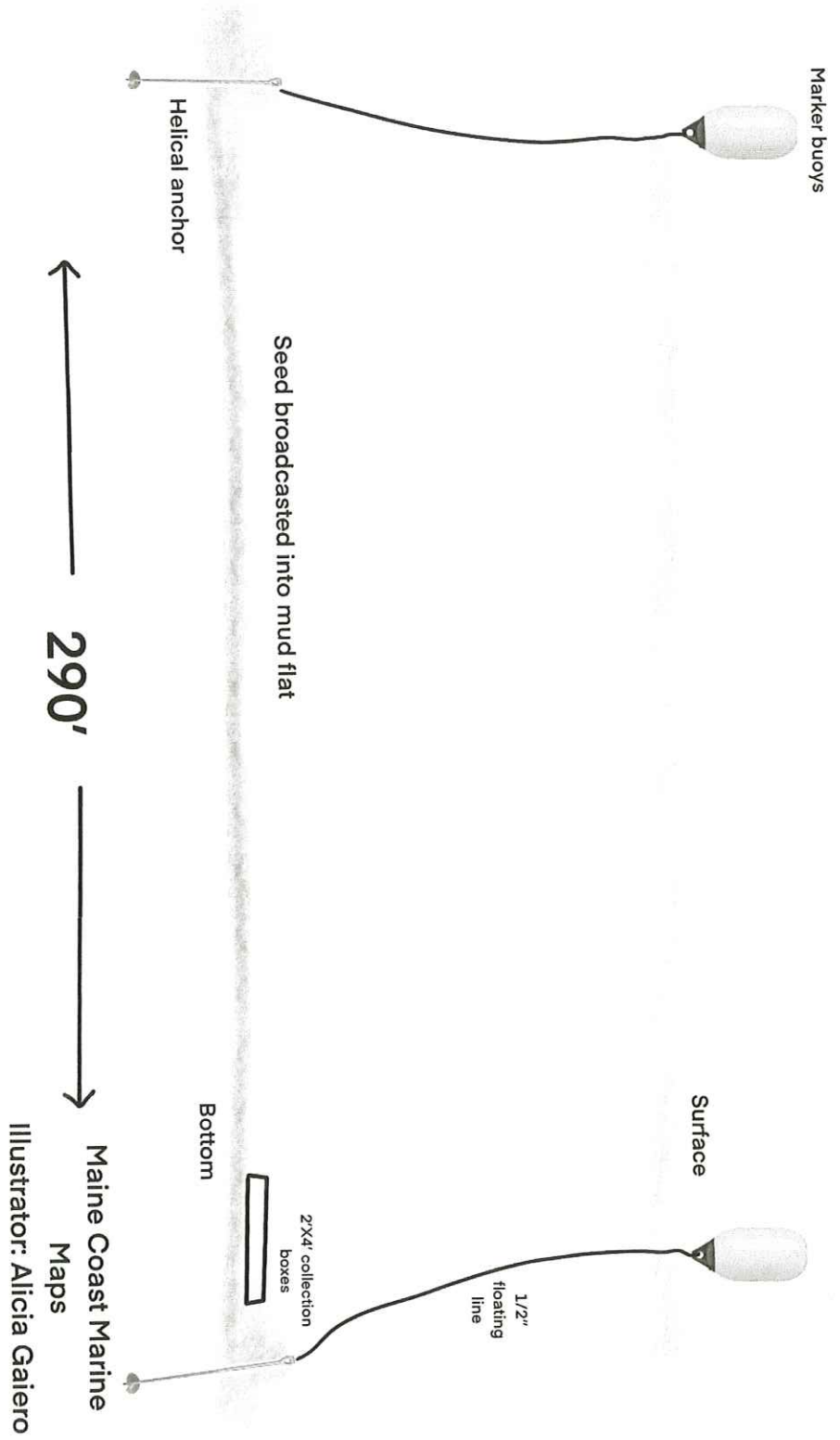
\*Not to scale

Maine Coast Marine Maps  
Illustrator: Alicia Galiero

MLW: +/- 0  
MHW: +/- 11

# Overwintering Cross-Section View

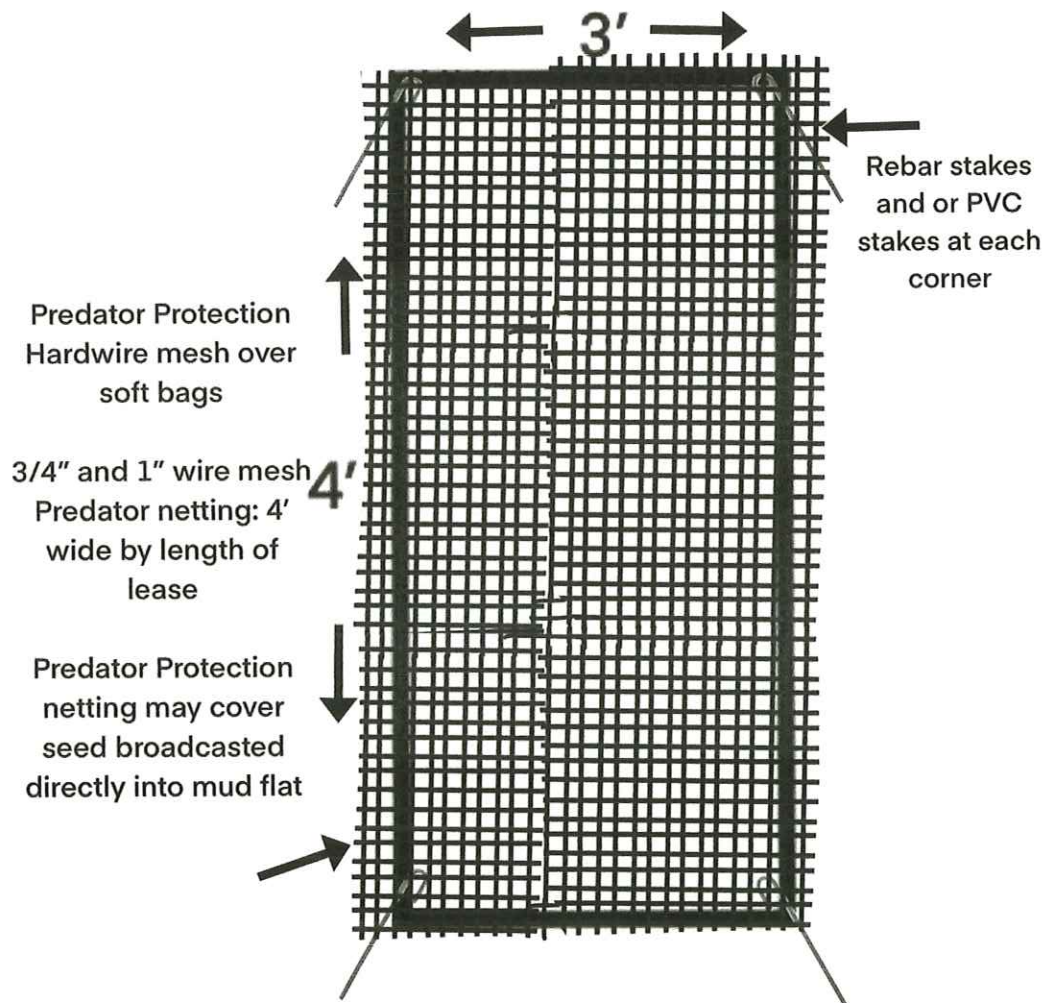
\*Not to scale



MLW: +/- 0  
MHW: +/- 11

\*Not to scale

## Predator Protection over Soft Bags



Maine Coast Marine  
Maps  
Illustrator: Alicia Gaiero

Predator protection netting may run the length of the entire row of soft bags or the length of a row without soft bags, which is covering naturally broadcasted seed. This means seed put directly into the mud flat.

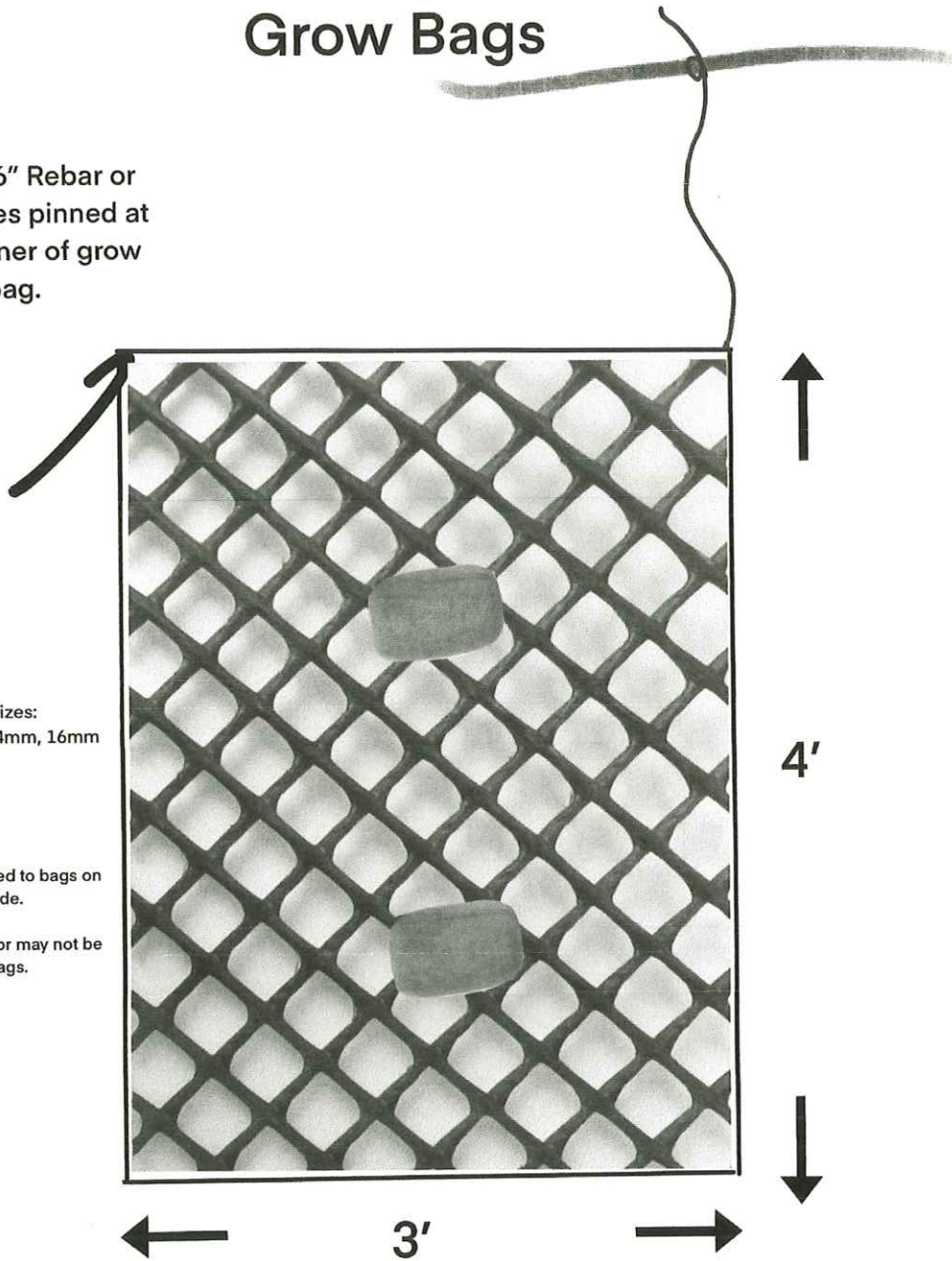
# Soft Nylon Grow Bags

1/2" X 16" Rebar or  
PVC stakes pinned at  
each corner of grow  
bag.

Mesh sizes:  
4mm, 6mm, 14mm, 16mm

Cork buoys zip tied to bags on  
the inside.

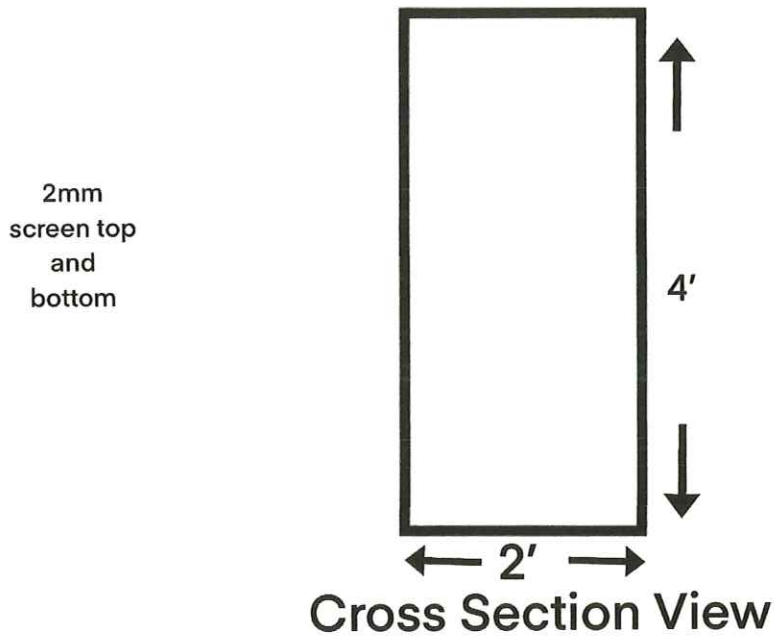
Cork buoys may or may not be  
on all bags.



\*Not to scale  
Maine Coast Marine Maps  
Illustrator: Alicia Gaiero

# PVC Framed Collection Boxes

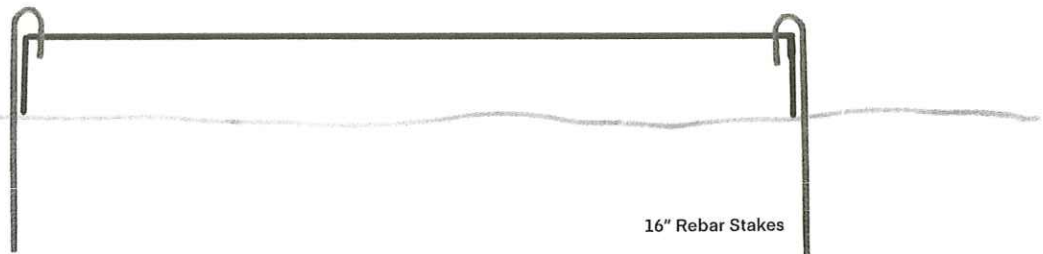
## Overhead View



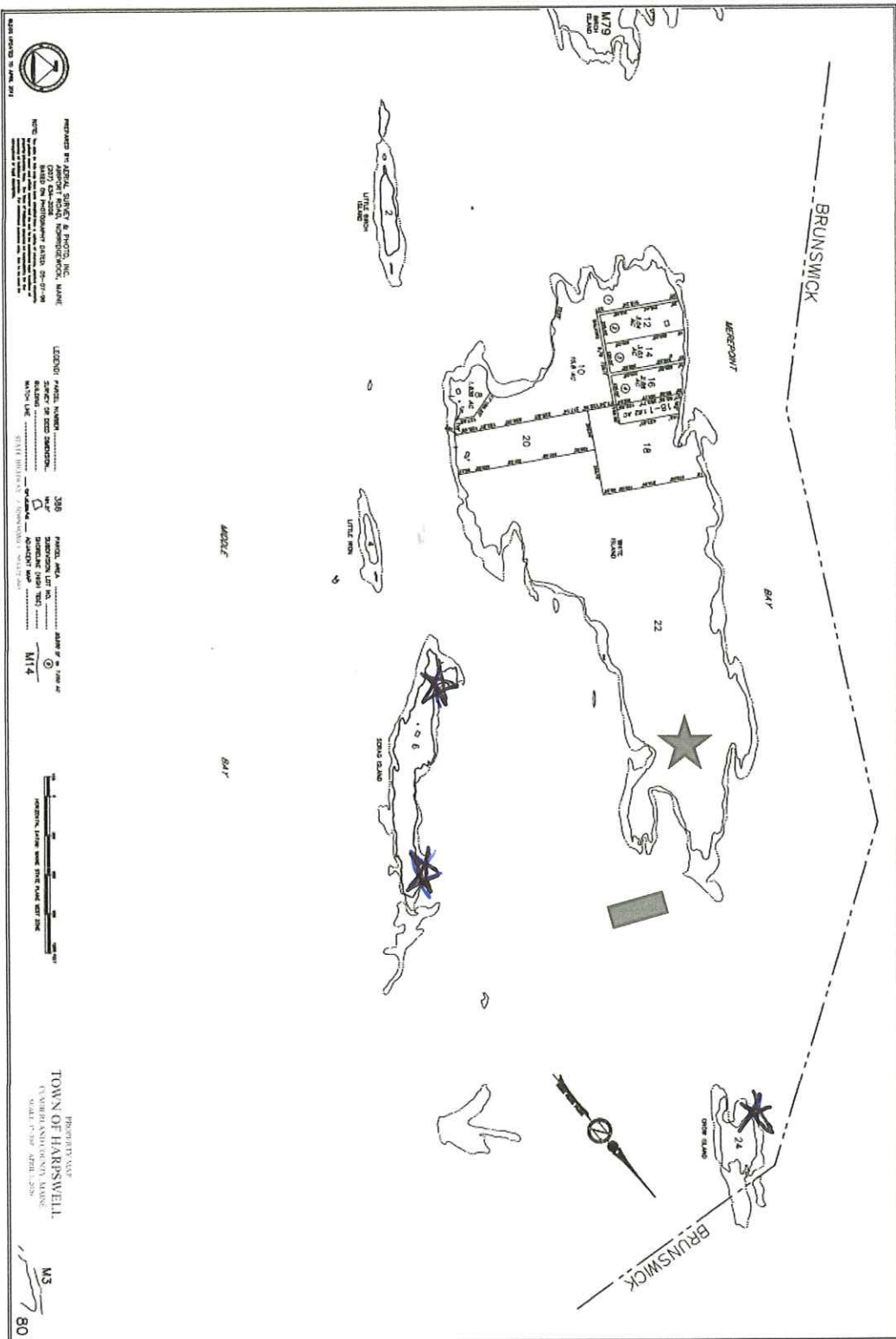
MHW:  
MLW:

Surface

Bottom  
Sediment



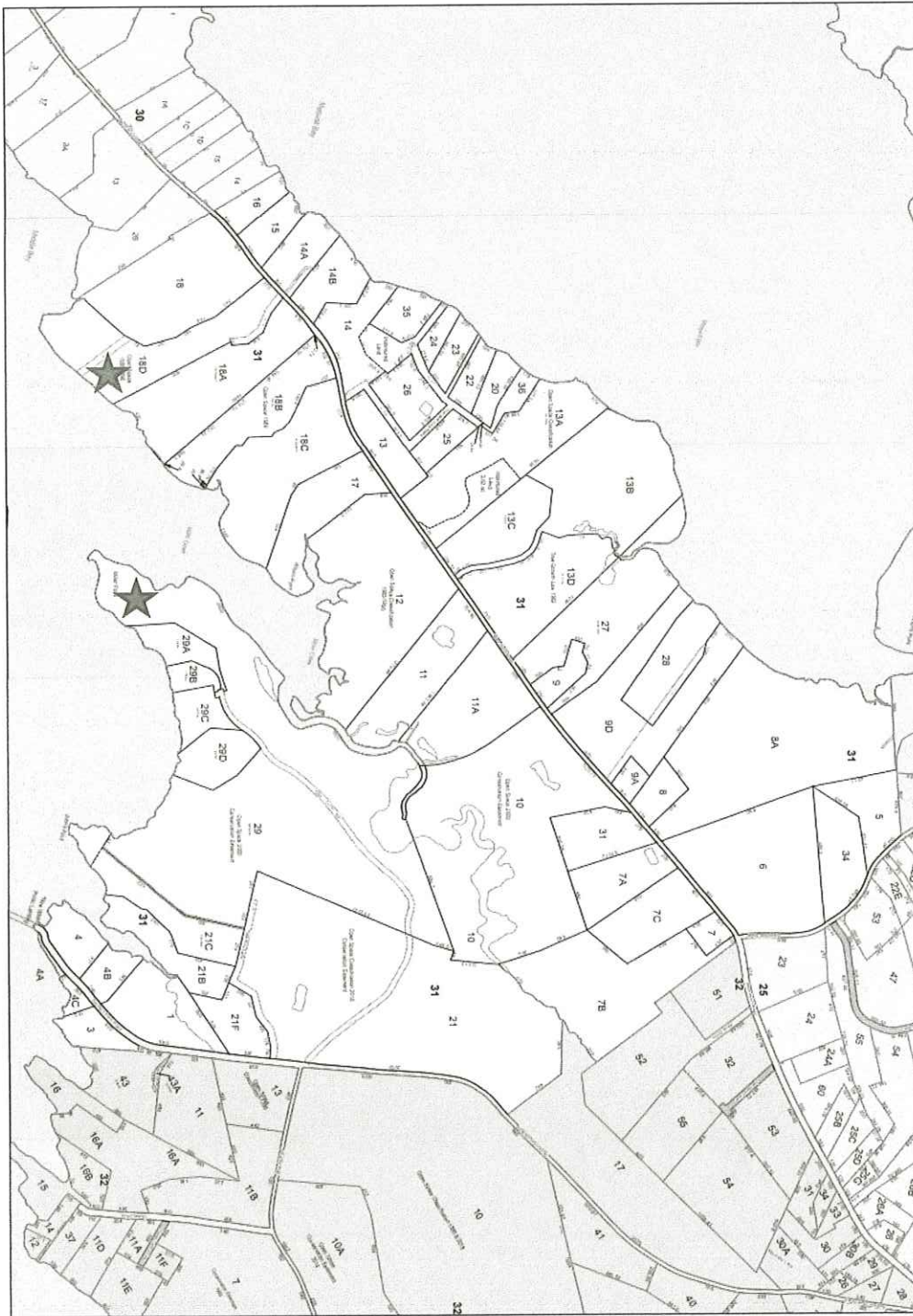
\*Not to scale  
Maine Coast Maine Maps  
Illustrator: Alicia Gaiero



Harpwell Lot 22 is within 1,000 feet of the site. It is marked with a star.

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25





MAP  
31



1 inch = 300 feet  
 Revised to April 1, 2011  
 Maps Prepared by  
 Town of Brunswick  
 Revised and Reprinted by:



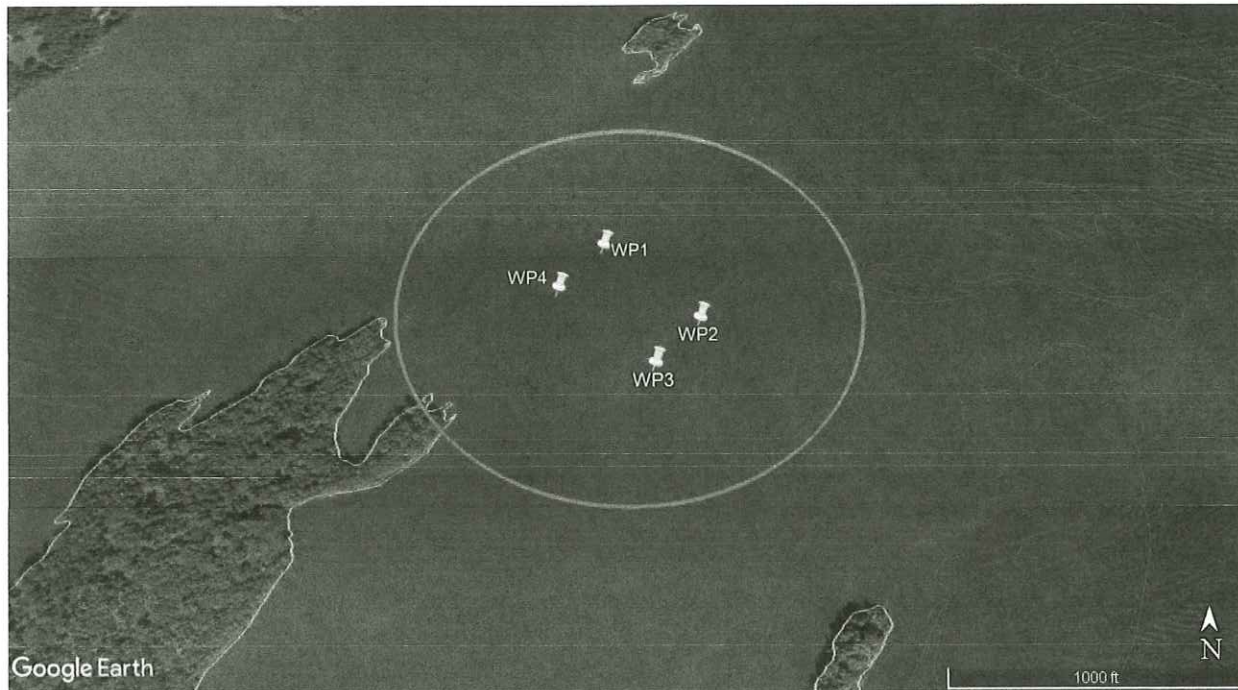
The information is provided as a service to the public and is not intended to be used for legal purposes. The user assumes all liability for any use of the information. The information is provided as is and without warranty. The information is provided as a service to the public and is not intended to be used for legal purposes. The user assumes all liability for any use of the information. The information is provided as is and without warranty.

- Legend**
- Lines, Other
  - Other Road
  - Hydrography Line
  - ROW Property Access
  - Other L&L Boundary
  - Other L&L Boundary
  - Parcel Lines
  - Public Road
  - Private Road
  - ROW
  - Water
  - Open/Space



Town of  
**BRUNSWICK**  
 Maine

**The site boundaries cannot be illustrated on this tax map as they are beyond the boundaries of this map. The properties within 1,650' of are Lots 18D and 29 marked with stars.**



There are no docks and moorings within 1,000 feet.



# Town of Harpswell, Maine

INCORPORATED 1758

BOARD OF SELECTMEN

P.O. BOX 39

HARPSWELL, MAINE 04079

TELEPHONE 207-833-5771 FAX 207-833-0058

[www.harpswell.maine.gov](http://www.harpswell.maine.gov)

Kevin E. Johnson  
Chair

David I. Chipman  
Selectperson

Jane G. Covey  
Selectperson

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Date: November 4, 2021

To: Maine Department of Marine Resources - Aquaculture Division

Cc: Department of Army - Corps of Engineers

Re: Christopher Green Intertidal Experimental Lease

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Department of Marine Resources,


The Town of Harpswell was notified by CHRISTOPHER GREEN of his intent to seek an Intertidal Experimental Lease, located in MIDDLE BAY – NORTH OR WHITES ISLAND on October 19, 2021.

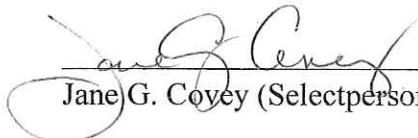
The application was presented publicly by the applicant on October 26, 2021 to the Harpswell Marine Resource Committee. There was no public comment and unanimous support from the Committee.

The application was presented publicly to the Harpswell Board of Selectmen on November 4, 2021 during a regularly scheduled Board of Selectmen's Meeting. After careful consideration, the Board determined the following:

Pursuant to 12 MRSA §6072-A(11), the Town of Harpswell Municipal Officers hereby support the use of the intertidal area proposed by CHRISTOPHER GREEN.

  
\_\_\_\_\_  
Kevin E. Johnson (Chair)

  
\_\_\_\_\_  
David I. Chipman (Selectperson)

  
\_\_\_\_\_  
Jane G. Covey (Selectperson)

From: Chris Green C.Green48@yahoo.com  
Subject: Mark Klein approval  
Date: Dec 8, 2021 at 2:23:55 PM  
To: Megan Northam flygirlmn911@aol.com

---

From: Mark Klein <[mklein@gmail.com](mailto:mklein@gmail.com)>  
Date: December 7, 2021 at 10:05:20 PM EST  
To: Chris Green <[c.green48@yahoo.com](mailto:c.green48@yahoo.com)>  
Cc: Margaret Klein <[margaretlawlerklein@gmail.com](mailto:margaretlawlerklein@gmail.com)>  
Subject: Intertidal land owner permission for your Experimental Aquaculture Lease Application attached

Dear Chris,

Please accept this note as evidence of landowner permission for your attached Experimental Aquaculture Lease Application off the North East corner of White's Island.

Thank you,  
Mark Klein  
Margaret Klein

A handwritten signature in blue ink, appearing to be 'MKlein', is written over the printed names of Mark and Margaret Klein.

Sent from my iPhone