

EXPERIMENTAL LEASE APPLICATION

1. APPLICANT CONTACT INFORMATION

Applicant	Albatross Fisheries	
Contact Person	Scott Lord	
Address	28 Carlson Lane	
City	St. George	
State, Zip	Maine, 04860	
County	Knox	
Telephone	(207) 691-3552	
Email	albatross312@yahoo.com	
Payment Type	<input checked="" 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	St. George
Waterbody	End of St. George River
General Description (e.g. south of B Island)	West of Caldwell Island
Lease Information	
Total acreage (4-acre maximum) and lease term (3-year maximum) requested	4 acres, 3 years
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

3. GROWING AREA DESIGNATION

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”):	WU
Growing Area Section (e.g. “A1”):	100-B-01

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

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. Sugar Kelp (<i>Saccharina latissima</i>)	Atlantic Sea Farms 20 Pomerleau Street Biddeford, Maine 04005	50,000 lbs
2. Skinny Kelp (<i>Saccharina angustissima</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	50,000 lbs
3. Winged Kelp (<i>Alaria esculenta</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	10,000 lbs
4. Horsetail / Fingered Kelp (<i>Laminaria digitata</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	10,000 lbs
5. Shotgun Kelp (<i>Agarum cribrosum</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	10,000 lbs
6. Dulse (<i>Palmaria palmata</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	5,000 lbs
7. Irish Moss (<i>Chondrus crispus</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	5,000 lbs

8. Sea Lettuce (<i>Ulva lactuca</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04005	5,000 lbs
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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

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

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) Product grown on experimental leases for scientific research cannot be sold. Results of scientific research are 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 this study is to determine the viability of a commercial seaweed operation at the proposed lease site. This will include determining the best set up for cost effective gear installation and removal each season, determining growth rates, and evaluating methods of harvesting.

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

All marine algae species, according to demand, will be seeded on 1,000 ft longlines, spaced 10 ft apart, in the fall (November) and remain throughout the winter growing season until they are ready for harvest in the spring (May-June). Longlines will be suspended 7 ft below the sea surface with dropper lobster style buoys to maintain appropriate depth for optimal growth. Cross lines, spaced 100 ft apart, will be used to prevent culture lines from crossing and tangling. After harvest, all longlines, cross lines and buoys will be removed from the site annually between June-October and stored on shore.

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

We are proposing to culture marine algae from November 1st through June 15th. Longlines will be present on the site as early as October 1st. Seeding the farm will take between 2 to 4 days to complete and will occur starting as early as November 1st till early December depending on when the seed stock is available. The farm site will be tended weekly throughout the growing season (November through May), weather permitting. Harvesting and removal of longlines will occur between May and June and will require approximately ten days on site.

All culture/long lines, crosslines and depth control buoys will be removed from the site from June 16th through September 30th annually. Mooring and mooring lines will remain in place year-round but will have floats removed and be sunk to the bottom to avoid any potential conflicts with summer uses. All required lease marker buoys will remain on site year-round.

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

Kelp seeding will take place over 2 to 4 days during the month of November and December, depending on when seed stock is available. Harvesting kelp is done in May - June and will take approximately 10 days to complete. The site will be periodically monitored during the growing process to check on the lines and moorings. Weather permitting, the site will be checked weekly from seeding until harvest.

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

During the winter growing season (December through February), the farm will be checked a minimum of twice a month, with a goal of once a week monitoring, weather permitting. Additionally, the farm will be checked after any major storm event. In the spring (March & April), additional time at the site is needed to monitor for fouling and to add counterweights to the culture lines, if needed.

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

The applicant will use a Maine registered lobstering boat to harvest. There will be 2-4 crew members on board the boat. A hauler or mast and boom will be used to haul up the culture line. The kelp will be cut off the culture line with a knife by hand and placed into 1,000 lbs bags on deck. The lines and surface buoys will be hauled into the boat at the time of harvest, once the kelp is removed. The lines and buoys will be cleaned and stored on shore for next season.

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.

All of the culture lines and depth control buoys will be removed from the site from June 16th through September 30th and stored on shore. Mooring and mooring lines will remain in place year-round but will have floats removed and be sunk to the bottom to avoid any potential conflicts with summer uses. All required lease marker buoys will remain on site year-round.

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?

No machinery, other than the lobster boat and a small skiff, will be used on the site. The boat and skiff will be onsite during seeding, routine maintenance/monitoring, and harvesting.

J. Please provide details on any predator control techniques you plan to employ.

No predator control techniques will be used on the lease site.

K. Suspended culture gear can attract birds that roost on the gear and defecate, potentially creating a pollution source impacting shellfish held within the gear. In order to comply with the National Shellfish Sanitation Program (NSSP) Model Ordinance (MO), DMR is requiring that applications for the suspended culture of shellfish include a description of mitigation or deterrent measures to minimize the potential pollution impacts of birds at the proposed site. If appropriate, include sketches or photos that clearly depict those measures put into practice.

Examples may include:

- Submerging suspended gear and associated product at a depth sufficient to deter roosting for two weeks before harvest
- Attaching physical deterrents (i.e. zip ties) to gear
- The site is proposed for the culture of seed only
- The site is proposed for the culture of adductor-only scallops (i.e. no other shellfish species would be grown on the site)
- Proposed gear would always be suspended below the surface of the water at a depth sufficient to deter roosting (i.e. as is common for scallop lantern nets)

Not applicable.

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.

<p>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.</p>
<p>1. Commercial Fishing</p> <p>Some lobster fishing takes place at the site from June to September, but no fishing occurs when longlines are seeded or growing. This spot was chosen because it would have little impact on lobster fishing. No dragging or diving for urchins or scallops occurs within the lease site due to the soft bottom.</p>
<p>2. Recreational Fishing</p> <p>No recreational fishermen target this area.</p>
<p>3. Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water)</p> <p>The channel entering and exiting the St. George River is used year-round, but the site would in no way impede traffic. Boat traffic around the site would be mostly boats with a draft of 5 feet or less which could travel around the farm. Very little traffic would occur during the growing season.</p>
<p>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.)</p> <p>Caldwell Island and Little Caldwell Islands are privately owned and have seasonal dwellings. We have discussed the proposed lease with all riparian landowners within 1000' of the site and have addressed all concerns.</p>
<p>5. Other uses (kayaking, swimming, etc.)</p> <p>None observed.</p>

<p>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.</p>
<p>There is a privately owned dock 100 ft from the northwest end of the lease. When the farm is active, October 1st to June 15th, the position of the lease allows for ingress/egress to the north and east. During the summer, when boating activity is at its highest, the farm will not be active and the dock can be accessed from any direction. Additionally, I have discussed the proposed lease location and operations with the riparian landowners and no negative impact to their ingress/egress is anticipated.</p>

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.

None.

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>

There are currently no aquaculture leases within 1,000 feet of the proposed lease site. Applicant Miss Madisyn is submitting a concurrent application for a proposed experimental lease site that will be located 50 feet to the east and run parallel to this proposed site. The proposed lease sites will not interfere with each other.

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.

I currently hold one experimental lease (STG DC2x) for growing kelp in Deep Cove. A standard application is currently pending for site STG DC2x. I also hold 4 LPA’s (SLOR 321, 421, 521, 622) in Long Cove for growing oysters.

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.

Experimental lease STG DC2x expired on 10/21/2022 and a standard lease application is currently pending. The site will continue to operate as outlined in the lease application. The applicant will continue to renew the 4 existing LPA sites for growing oysters.

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 granted, we request that when longlines are in place (generally, October 1 - June 15th) that fixed gear, dragging, and boating activity be excluded from the site to ensure navigational safety for all people on the water and to prevent gear from being damaged and becoming marine debris. For the remainder of the year (June 16th - September 30) we would welcome activity at the site that would not interfere with moorings and mooring lines, which will be sunk to the bottom after June 15th.

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?

Approximately 30-35 feet.

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

Approximately 40-45 feet.

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

The current runs mostly from north to south while ebbing and south to north while flowing at an approximate speed of 0.25 knots.

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.)?

The bottom is soft mud.

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

The bottom is mostly 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?

Lobsters and green crabs are common during the summer months. No groundfish have been observed or reported in the area.

<p>4. Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.</p>
<p>Menhaden can transit the area at times in the early summer months, but not when the proposed site would be in use. There are no shellfish beds due to the depth.</p>
<p>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.</p>
<p>The applicant has seined in the proposed site area for the past 3 years and has never observed any eelgrass or other vegetation present at the site. Additionally, based on data collected in 2010, the proposed lease is outside of the eelgrass zone. Eelgrass beds are generally observed in shallow waters which allow for adequate light penetration to support photosynthesis. The proposed site is in a water depth between 30ft (MLW) and 40ft (MHW) which is not ideal habitat for eelgrass.</p>
<p>6. Describe the general shoreline and upland characteristics (rocky shoreline, forested, residential, etc.)</p>
<p>The shoreline is mostly rocks along the water's edge. Above the shore there are spruce trees. The southern end of the island has been forested to remove blown down trees.</p>

<p>E. Is your proposed lease located within a Maine Department of Inland Fisheries and Wildlife designated Essential Habitat?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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, 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, 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.

Specific Gear Type <i>(e.g. soft mesh bag)</i>	Dimensions <i>(e.g. 16"x20"x2")</i>	Time of year gear will be deployed <i>(e.g. Spring, Winter, etc.)</i>	Maximum amount of this gear type that will be deployed on the site <i>(i.e. 200 cages, 100 lantern nets, etc.)</i>	Species that will be grown using this gear type
Marine algae culture lines	5/8" rope, 1,000 ft long	Seasonal: October 1st - June 15th	17 culture lines, spaced 10 ft apart	Marine Algae
Cross lines	3/8" rope, 160 ft long	Seasonal: October 1st - June 15th	11 cross lines, spaced 100 ft apart	Marine Algae
Mooring buoys	A3 or A4 poly balls; approx. 2' diameter	Seasonal: October 1st - June 15th	26 total	Marine Algae
Mooring lines	3-strand, 3/4" nylon rope, 45-50 ft long	All year, but on bottom from June 16th - Sept. 30th (except for 6 required lease markers)	32 sections, ~45-50 ft long	Marine Algae
Mooring chain	1/2" Galvanized mooring chain, 3 ft long	All year, on bottom from June 16th - Sept. 30th (except for 6 required lease markers)	32 sections, ~3 ft long	Marine Algae
Required Lease markers (corners & middle of long side)	Low drag buoys; approx. 16" diameter	All year	6 total	Marine Algae
Concrete moorings - on each end of the culture and cross lines	1,900 lbs; 4'x4'x1'	All year	32 total	Marine Algae
Depth control buoys	Traditional lobster buoys; approx. 7"x14"	Seasonal: October 1st - June 15th	11 per culture line, 187 total	Marine Algae
Concrete counterweights for depth control lines	10 lbs; 4"x8"	Seasonal: October 1st - June 15th	187 total	Marine Algae

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. Effective January 1, 2023, marker buoys must be yellow and host reflective material.

Yes No

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

Not applicable.

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: 1st 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>

Note: When the application and riparian list are both ready to be submitted, you may choose to email a copy of the riparian list and proposed lease coordinates to DMRAquaculture@maine.gov for staff to verify that all required parcels are included on the list *before* having it certified by the municipality. DMR will not verify a riparian list multiple times, so please ensure there will be no additional changes to the application before emailing the riparian list for verification.

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?

During the winter kelp growing season we will travel by lobster boat from Port Clyde Co-op to the lease site.

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: St. George

MAP #	LOT #	Landowner name(s) and address(es)
401	013	Owner: 51 Factory Road, LLC Address: 100 Park Avenue, 18th Floor New York, NY 10017
401	012	Owner: Samuel D. Cohen Address: 449 15th Street, Suite 400 Oakland, CA 94612
401	012	Owner: Kim Schaltenbrand Address: P.O. Box 7024 Hudson, FL 34674
401	012	Owner: Donald Weaver Address: 109 Main Street Thomaston, ME 04861

Please use additional sheets if necessary and attach hereto.

CERTIFICATION

I, William R. Batty, Jr. ^{Dept.} Town Clerk for the Town of St. George 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:  DATE: 12/12/22

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) SCOTT LOD have read DMR Aquaculture Regulations 2.64(12)(B)) 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.

Scott Lod, Member
Applicant Signature
Note: Add title if signing on behalf of a corporate applicant.

12/10/22
Date

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

Date

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: Scott Lord

Title (if corporate applicant): Member

Signature:  Date: 12/10/22

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/MUNICIPAL 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.

Figure 1: Section 5 - Vicinity Map

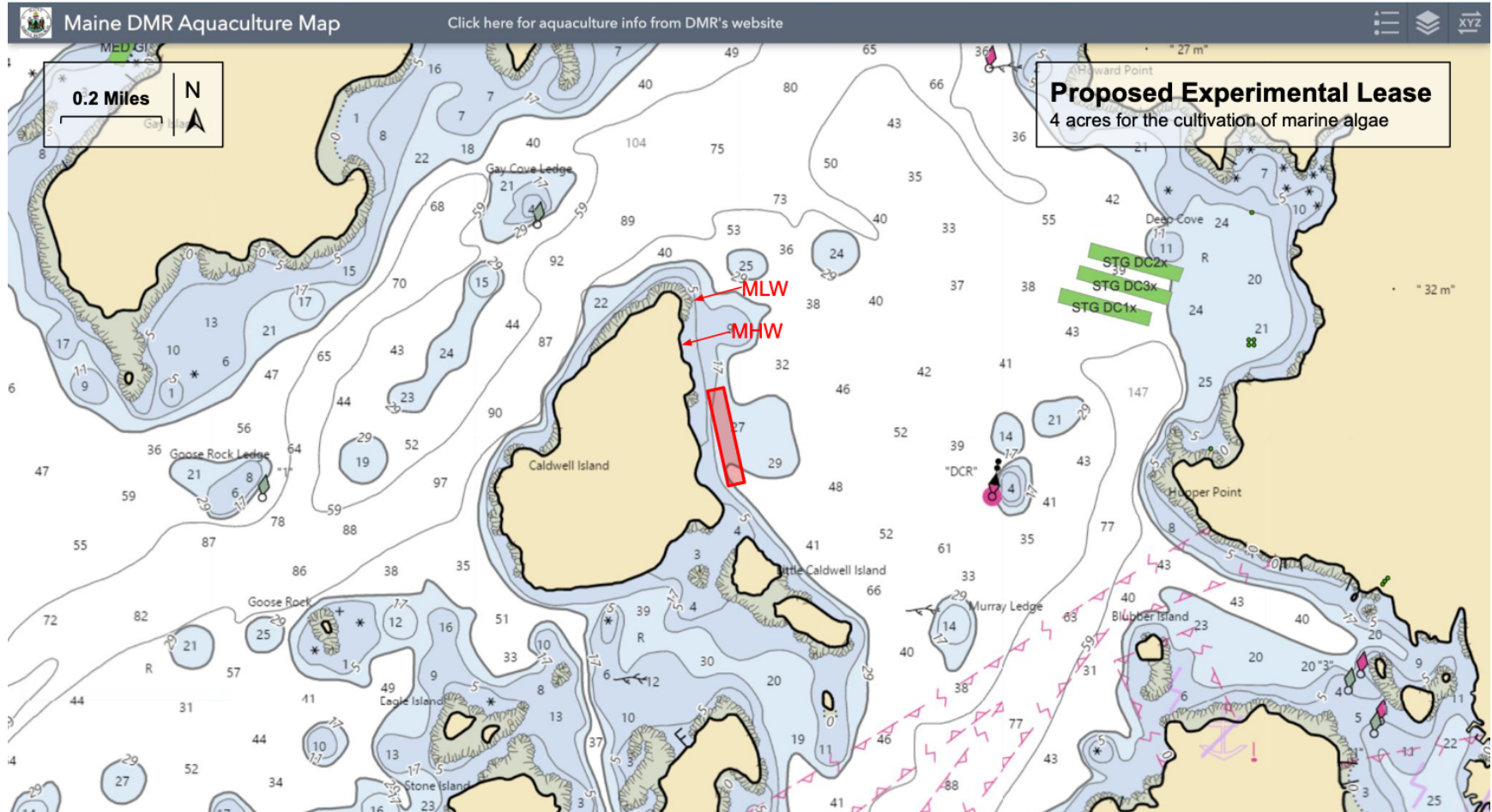


Figure 2: Section 6 - Boundary Map



Coordinates:

- **NW:** 43.9388, -69.29202
- **NE:** 43.93888, -69.29142
- **SW:** 43.93597, -69.29119
- **SE:** 43.93605, -69.29058

Dimensions:

1,060 ft long x 164 ft wide = 4 acres

Closest Structure: ~100ft to dock
Proposed Lease is approx. 140ft from the shoreline at MLW
and 180ft from the shoreline at MHW

Figure 3: Section 12 - Overhead View

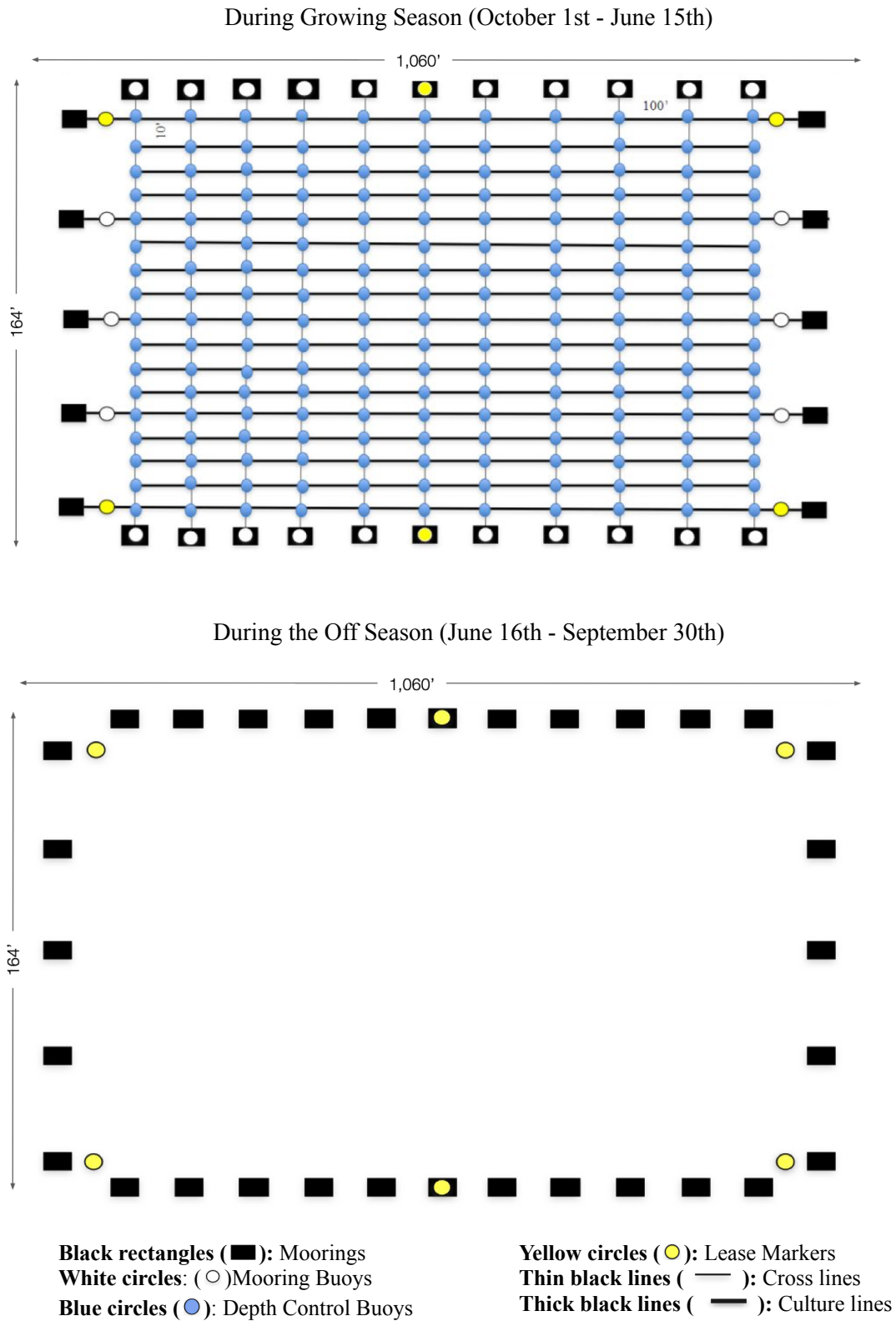
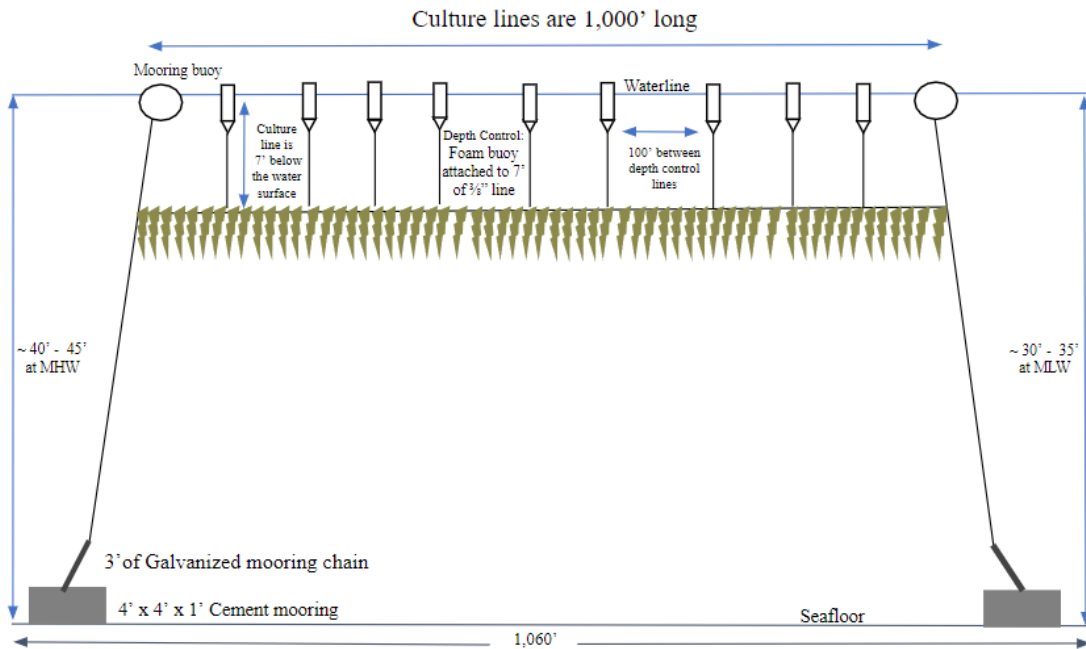


Figure 4: Section 12 - Cross-section View

During Growing Season (October 1st - June 15th)



During the Off Season (June 16th - September 30th)

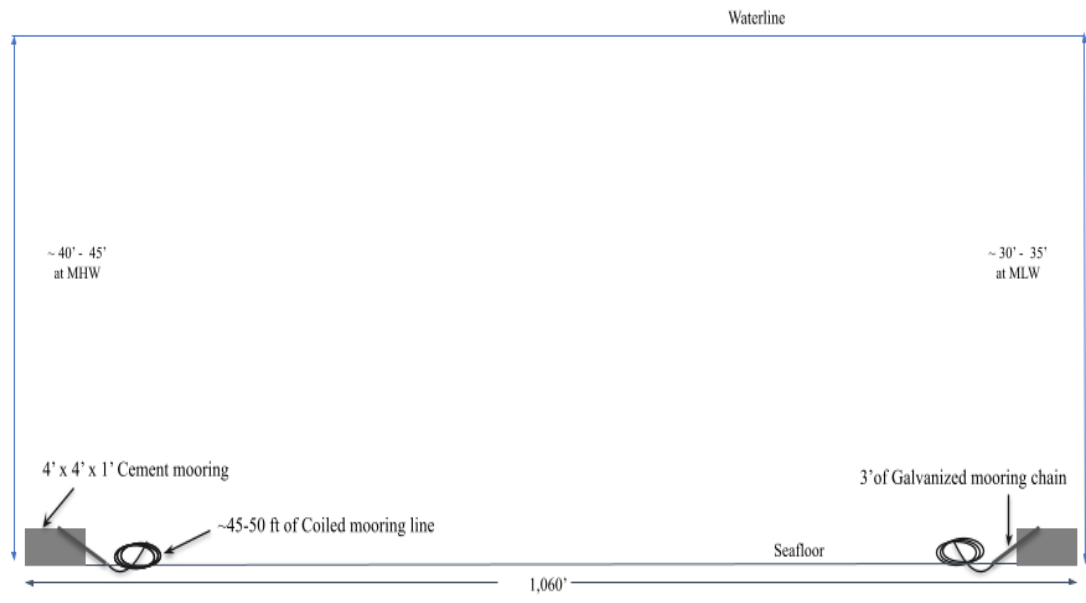


Figure 5: Section 12 D - Gear Drawing



5/8"-diameter rope for culture lines (1000 ft long)

3/8"-diameter rope for cross lines (160 ft long)



~2 ft diameter

Polyball to mark moorings



3-strand, 3/4"-diameter nylon mooring line
(on site year-round, but on bottom from June 16-September 30)



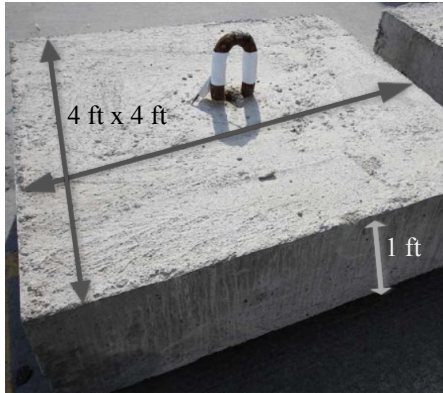
1/2" Galvanized chain for moorings
(on site year-round, but on bottom from June 16-September 30)



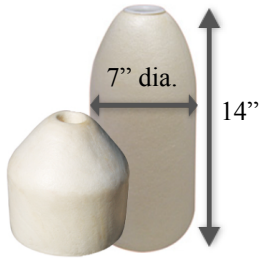
~16" dia.

Low drag buoys for required lease markers

(on site year-round)



Concrete mooring block with staple



Lobster buoys used for depth control lines



10 lb Concrete counterweight

Figure 6: Section 14 A1 - Tax Map: Town of St. George

