

EXPERIMENTAL LEASE APPLICATION

1. APPLICANT CONTACT INFORMATION

Applicant	Eric Smith
Contact Person	Eric Smith
Address	65 Bay Road
City	Jonesboro
State, Zip	ME, 04648
County	Washington
Telephone	207-263-8406
Email	eric.smith8406@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	Beals
Waterbody	Eastern Bay
General Description (e.g. south of B Island)	Southeast of Mink Island
Lease Information	
Total acreage (4-acre maximum) and lease term (3-year maximum) requested	3.99 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)
How many pending experimental lease applications (including this one) do you have pending?	<input checked="" type="checkbox"/> One (1) <input type="checkbox"/> Two (2) <i>Note: An applicant may have no more than two pending experimental leases at any time.</i>
Do you have a legal interest in any entity that has a pending experimental application?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" provide the name of the applicant(s): _____
Is any portion of the proposed lease site above mean low water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>Note: If you selected "Yes", you need to complete the steps outlined in the section titled: "Landowner/Municipal Permission Requirements".</i>

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”):	EN
Growing Area Section (e.g. “A1”):	A

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 your 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
Kelps		
1. Sugar Kelp (<i>Saccharina latissima</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	80,000 lbs
2. Skinny Kelp (<i>Saccharina angustissima</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	80,000 lbs
3. Winged Kelp (<i>Alaria esculenta</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	25,000 lbs
4. Horsetail Kelp (<i>Laminaria digitata</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	25,000 lbs
5. Shotgun Kelp (<i>Agarum clathratum</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	10,000 lbs
Red Seaweeds		
6. Irish Moss (<i>Chondrus crispus</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	5,000 lbs
7. Dulse (<i>Palmaria palmata</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	5,000 lbs
Green Seaweed		
8. Sea Lettuce (<i>Ulva lactuca</i>)	Atlantic Sea Farms 20 Pomerleau St. Biddeford, ME 04093	5,000 lbs

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: 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
- A 1,000 foot radius buffer around each corner

See **Figure 1. Vicinity Map** on page 17.

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 in decimal degrees (e.g., 43.123456 N, -69.123456 W). 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.

See **Figure 2. Boundary Drawing** on page 18.

GPS Coordinates of Lease Corners (Degree Decimals):

NW: 44.48575, -67.56118

NE: 44.4856, -67.55994

SE: 44.48427, -67.561

SW: 44.48442, -67.56225

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 trial the viability of a commercial-scale seaweed farm.

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

The site will be active from October 15th to June 10th. Kelp will be outplanted on lines no earlier than October 15th, but more commonly between late October and early December. Red and green seaweeds will be outplanted between November and March. Exact species and ratios will be determined by availability and demand. Lines with seeded seaweeds will be suspended approximately 7 feet underwater and will be spaced a minimum of 10 feet apart. The farm site will be monitored from seeding until harvest to ensure gear integrity and crop quality. Harvesting will occur between May 1st and June 10th. During harvest, seeded lines will be removed from the water and the crop will be harvested into bags or crates. The site will be out of operation from June 11th to October 14th, annually. During this period only the state-required lease markers, moorings, and associated mooring lines and chains will be on site. Mooring lines and chains will be connected and sunk to the seafloor during the off season. All gear removed from the site during the off season will be stored on my private property.

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

Seeding: Kelp will be outplanted on lines no earlier than October 15th, but typically between late October and early December. Red and green seaweeds will be outplanted between November and March.

Tending: Tending and maintenance will take place from the end of seeding, to the start of harvest, approximately December through May.

Harvesting: Harvesting will occur between May and early June, ideally finishing the first week of June each season, but may continue until June 10th.

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

Seeding: Kelp seeding will take 1-3 days. It will take an additional 1-2 days to seed the green and red seaweeds. Each day will vary slightly depending on the weather, between 5-8 hrs spent at the site is typical.

Harvesting: Harvesting will take 5-10 days. Each day will vary slightly depending on the weather, between 5-8 hrs per day spent at the site is typical.

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

From the time of outplant until the farm is harvested the site will be visited at least every other week to tend to equipment and monitor for growth and fouling. Additional time will be spent on site after any major storm, to mend any damage, and in the spring, to add weight or buoyancy to the longlines, as needed. Typically these are short visits lasting 1-3 hours.

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

Seeded lines will be hauled onto my boat using the deck-mounted hauler. The crew will cut the seaweed from the line with knives and pack it into bags or crates. At the time of harvest the grow lines, crosslines, and depth control devices will be removed from the water, taken ashore, and stored on my private property.

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.

The site will be out of operation from June 11th to October 14th, annually. During this period, only the state-required lease markers, moorings, and associated mooring lines and chains will be on site. Mooring lines and chains will be connected and sunk to the seafloor during the off season. All gear removed from the site during the off season will be stored ashore on my private property.

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?

A deck-mounted hauler will be used during seeding for a couple of hours for approximately 1-3 days to tension line and daily during harvest (5-10 days total) to haul seeded lines out of the water. Noise will be very minimal and no greater than noise associated with commercial fishing that is common in the area.

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

No predator control techniques will be employed at this 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 - no shellfish will be grown on my proposed site.

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

Lobstering is common throughout the area. From June until early October, lobstering is common in the general vicinity of the proposed lease and within the boundaries of the lease. For the remainder of the year, when the site will be operational, lobstering is rare in and around the proposed lease.

2. Recreational Fishing

Recreational fishing, especially rod & reel style is not common in this area and has not been observed during the primary growing season of October 15th - June 10th.

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

Boating activity of all types (fishing vessels, sailboats, kayaks, etc.) is very common during the summer months, but these vessels usually frequent the water east of the proposed site. During the winter, boating activity is infrequent and limited to local fishermen. The proposed site sits outside of any marked channels and is navigable on all sides for most vessels.

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.)

There are no docks, moorings, or other ingress/egress access points within 1,000' of the proposed lease site.

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

During the summer months, some kayaking has been observed near the proposed site. Swimming at the proposed site has not been observed during any season. Some winter sea duck hunting occurs in the surrounding area.

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.

No.

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.

No.

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 no active LPAs or leases within 1,000' of the proposed lease site. Richard Smith and James Kelley are applying for experimental leases approximately 127' and 585' west of the proposed site, respectively. We have been working on our lease applications in conjunction and anticipate no negative interactions.

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 do not currently have any existing aquaculture operations.

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.

Not applicable.

10. 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?

The depth at mean low water is 50-79'.

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

The depth at mean high water is 63-92'.

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

The current runs roughly northwest to southeast at a maximum of 1-2 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 of the proposed site is mud with some shell material.

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

The bottom of the proposed site slopes downward from the western to the eastern boundary.

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?

Crabs and lobsters are common on and near the proposed site during the warmer months, roughly late June to early October. I occasionally (between rare and common) observe sculpins and harbor seals in the area.

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

None to my knowledge.

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.

I have lived and fished in the area for all of my life and have not observed any eelgrass within the boundary of the proposed lease. Additionally, eelgrass beds are generally observed in shallow waters in which light can penetrate to support photosynthesis. The proposed site is at an approximate depth of 50-79 feet at mean low water which is not an ideal depth for eelgrass.

Based on a coast-wide eelgrass survey completed by the Department of Marine Resources in 2010, there are no eelgrass beds within 1,000' of the proposed lease site.

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

There is no land within 1,000' of the proposed lease site. At mean low water, Mink Island is approximately 1,070' northwest of the proposed lease. Mink Island is a small (~7.5 acres), privately-owned island characterized by a rocky shoreline and an upland dominated by conifers. There is one seasonal cottage located mid-island.

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, 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.

G. Describe ice formation in the winter months at the proposed site.

I have lived and commercially fished in the area for all of my life. I have not observed ice formation in the area since the early 2000s, about 20 years ago.

Note: Description of ice should incorporate data such as water temperature or ice out date over a ten-year period or observations over several (no less than 5) recent winters from the harbormaster, a municipal official such as a shellfish warden, local harbor committee, Marine Patrol Officer, fishing/aquaculture industry members, or the applicant. Stating “no ice observed last year” will not be accepted as a complete answer.

11. 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.
- Gear orientation

See **Figure 3a. Overhead View during Growing Season (October 15th - June 10th)** on page 19 & **Figure 3b. Overhead View during Off Season (June 11th-October 14th)** on page 20.

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).

See **Figure 4a. Cross-Section View during Growing Season (October 15th - June 10th)** on page 21 & **Figure 4b. Cross-Section View during Off Season (June 11th-October 14th)** on page 22.

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
Grow Lines/ Longlines - polyline	length: 500' width: 11/32" - 1/2"	October 15 th - June 10 th	30 lines	Marine Algae
Crossline - polyline	length: ~290' width: 11/32" - 1/2"	October 15 th - June 10 th	1 line	Marine Algae
Mooring Buoys/State- required Lease Markers - A3 or A4 polyball	A3 Polyball - length: 17" width: 23" A4 Polyball - length: 20.5" width: 27"	October 15 th - June 10 th (except for 4 state-required lease markers which will remain on site all year)	66 buoys	Marine Algae
Depth Control Device - foam lobster buoy connected to a counterweight by polyline encased by PVC	Foam lobster buoy - length: 14" width: 7" PVC Pipe - length: 7' width: 1/2 " Polyline - length: ~9' width: 11/32" - 3/8" Counterweight - weight: ~8-10 lbs	October 15 th - June 10 th	up to 7 buoys per longline (up to 208 buoys total)	Marine Algae
Mooring Line - nylon rope	length: 65-100' width: 3/4-1"	All year, but connected and sunk to the seafloor from June 11 th - October 14 th (except for lines associated with state-required lease markers)	66 lines	Marine Algae

Mooring Chain - galvanized chain	length: 5' width: ½"	All year, but sunk to the seafloor from June 11 th - October 14 th (except for chains associated with state-required lease markers)	66 chains	Marine Algae
Moorings - Concrete block	~1,000 lbs length: 4' width: 2' height: 1'	All year	62 blocks	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.).

See **Figure 5. Gear Drawing** on page 23.

12. MARKING

<p>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. Marker buoys must be yellow and host reflective material.</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If you answered no, explain why and suggest alternate markings.</p>

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.

13. 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 “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 “Landowner/Municipal Permission Requirements” of this application.

C. How (i.e. where on shore) will you access the proposed site?

I will access the proposed site in a fishing boat or skiff kept in the Pig Island Gut mooring area in the town of Beals.

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: Beals

MAP #	LOT #	Landowner name(s) and address(es)

Please use additional sheets if necessary and attach hereto.

CERTIFICATION

I, _____, Town Clerk for the Town of _____ 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:** _____

14. 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) Eric V. Smith 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.

Eric V. Smith
Applicant Signature

11-22-24
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.

15. 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: Eric V. Smith

Title (if corporate applicant): _____

Signature: Eric V. Smith Date: 11-22-24

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.

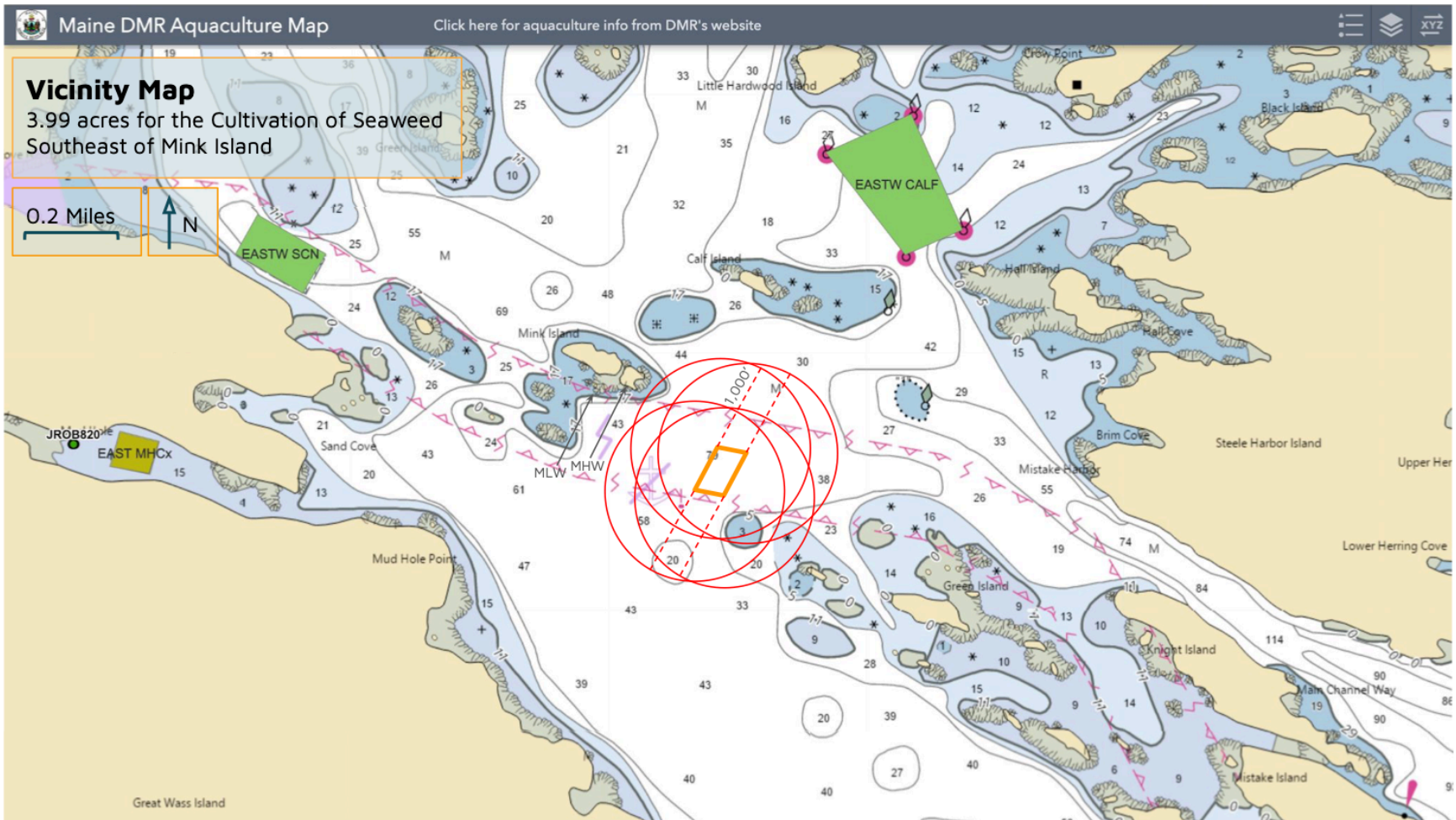


Figure 1. Vicinity Map

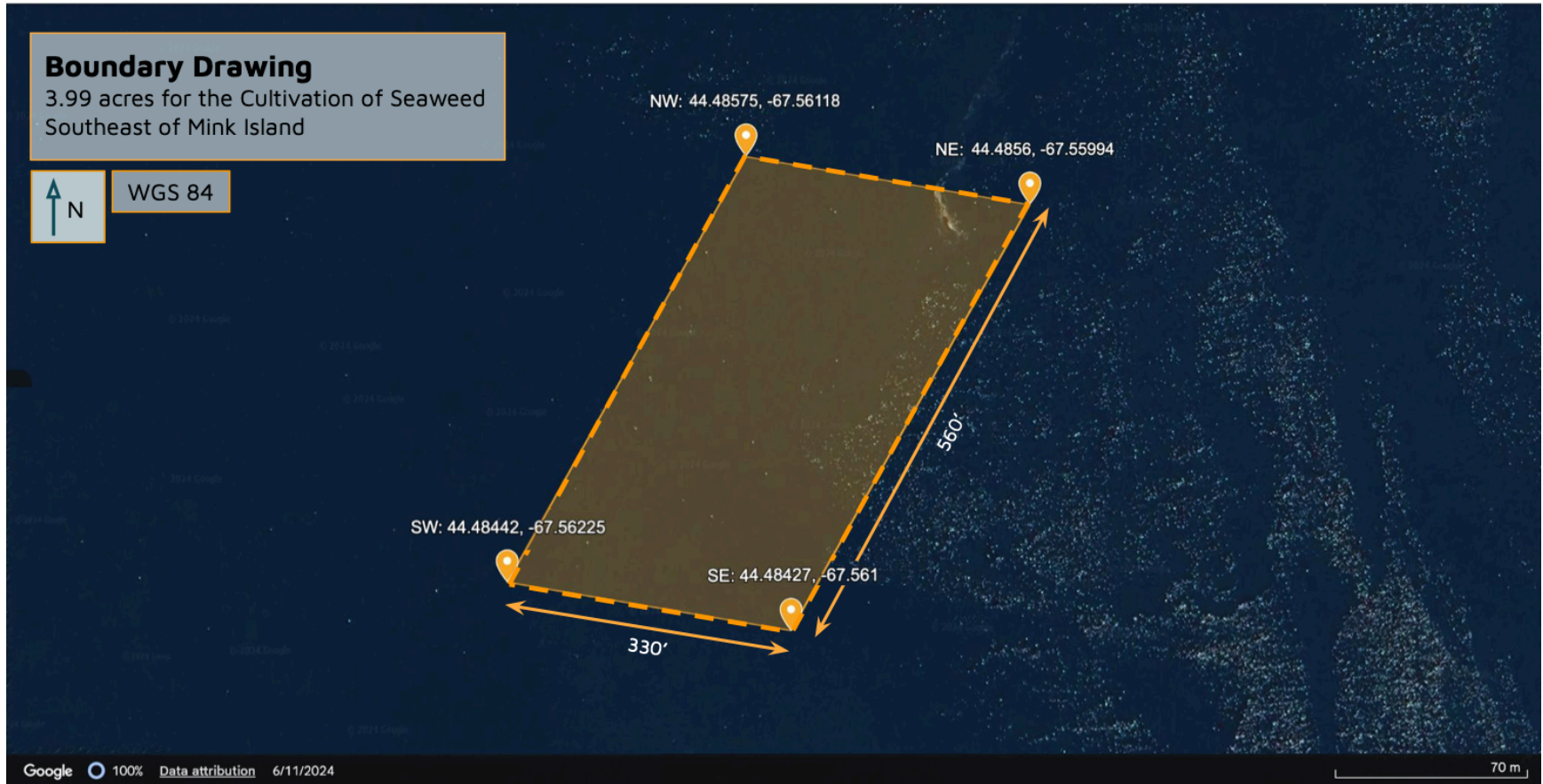


Figure 2. Boundary Drawing

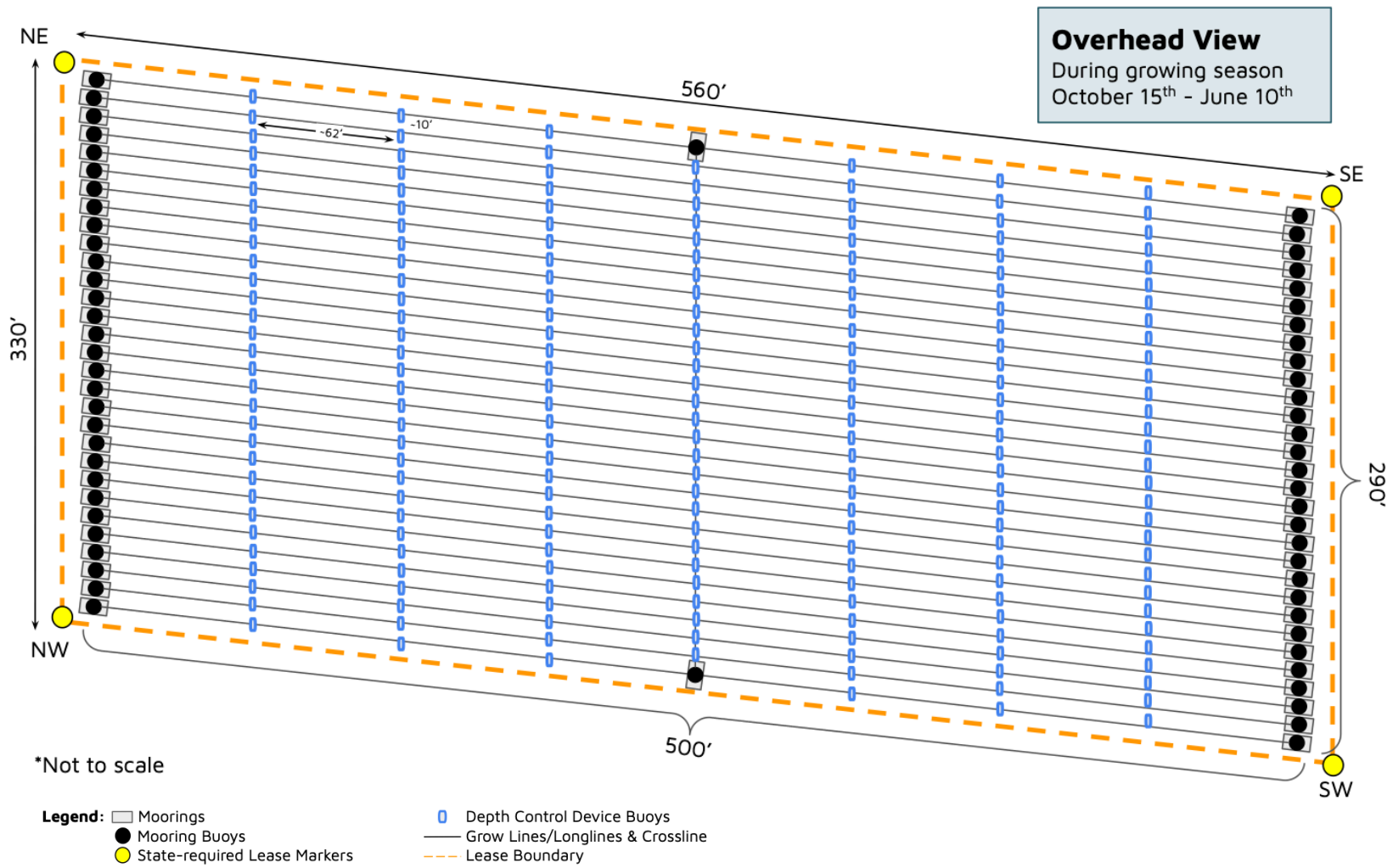


Figure 3a. Overhead View during Growing Season (October 15th - June 10th)

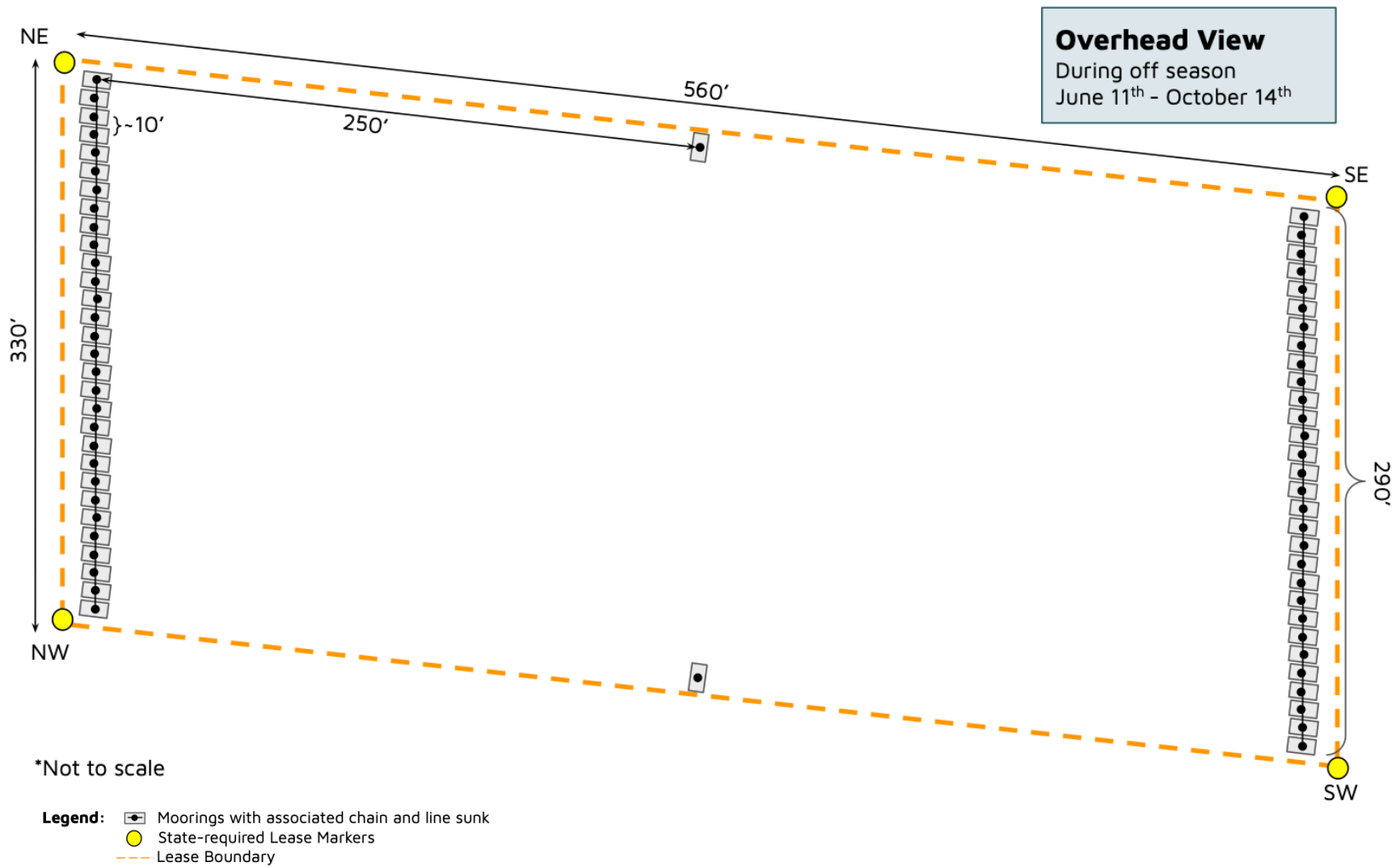


Figure 3b. Overhead View during Off Season (June 11th - October 14th)

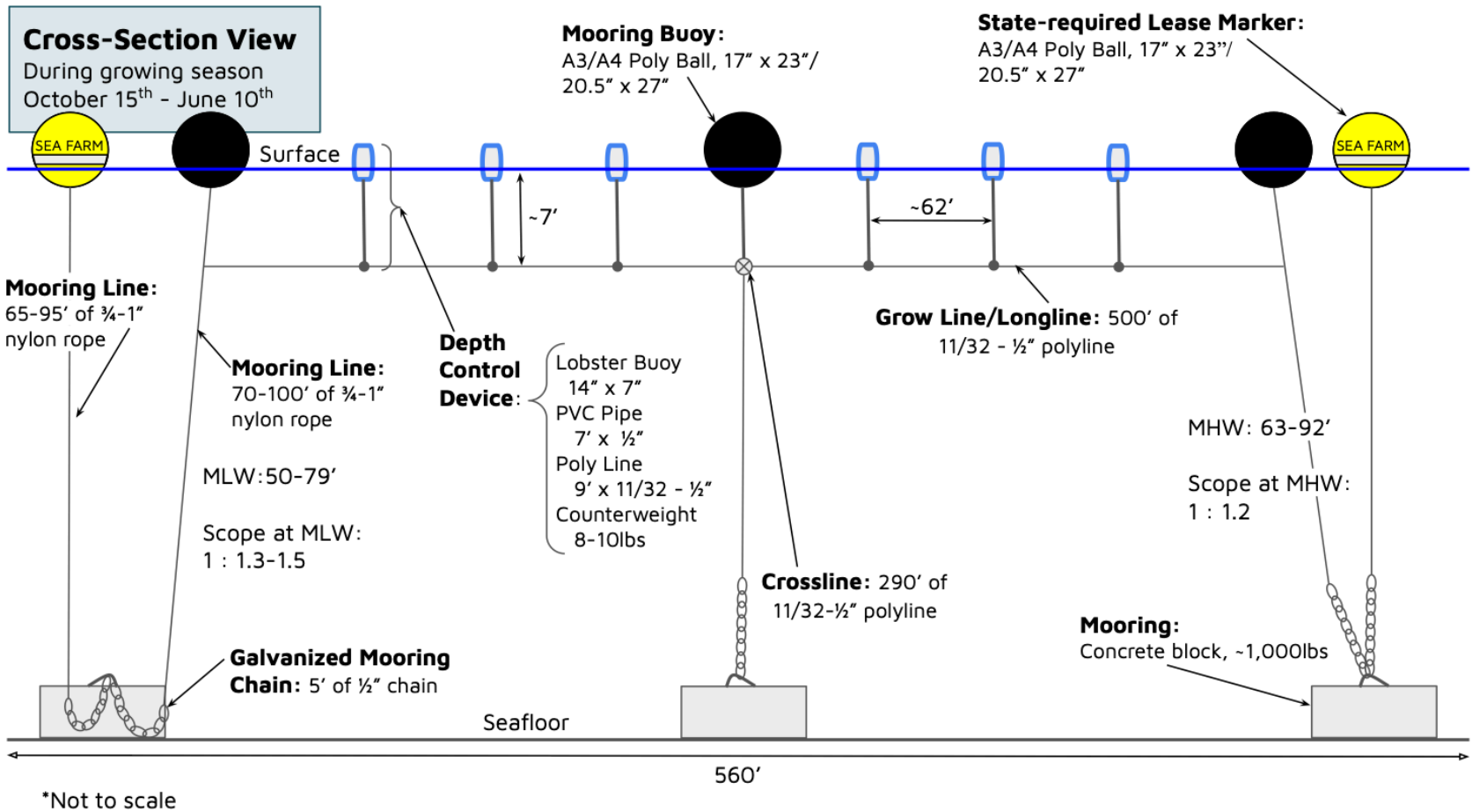


Figure 4a. Cross-Section View during Growing Season (October 15th - June 10th)

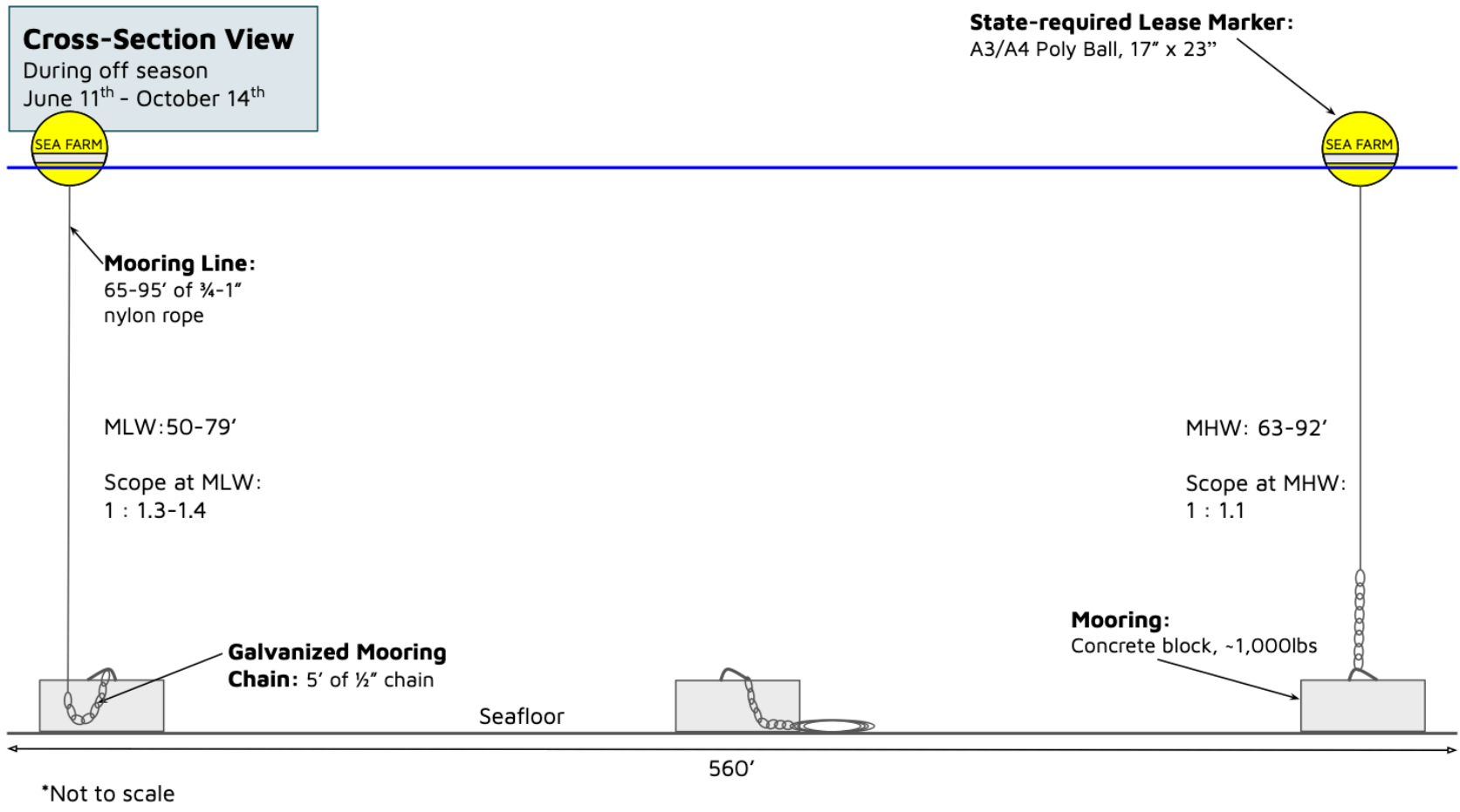
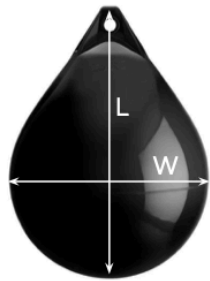


Figure 4b. Cross-Section View during Off Season (June 11th - October 14th)

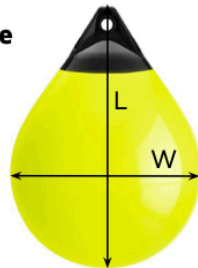
Gear Drawing

**Grow Lines/
Longlines & Crossline:**
polyline
length: longlines 560';
crosslines 290'
diameter: 11/32 - 1/2"



Mooring Buoys:
A3/A4 polyball
width: 17"/20.5"
length: 23"/27"

**State-required Lease
Markers*:**
A3/A4 polyball
width: 17"/20.5"
length: 23"/27"



Depth Control Device:

Lobster Buoy
length: 14"
width: 7"

PVC Pipe
length: 7'
diameter: 1/2"
Poly Line
length: 9'
diameter: 11/32 - 1/2"

Counterweight
weight: 8-10lbs



Nylon Mooring Line:
length: 65-100'
diameter: 3/4-1"



**Galvanized Mooring
Chain:**
length: 5'
diameter: 1/2"



Mooring:
Concrete block
Weight: ~1,000lbs
Length: 4'
Width: 2'
Height: 1'

Figure 5. Gear Drawing