

Applicant	Edward Hutchins II
Contact Person	Edward Hutchins II
Address	134 Main Street
City	Kennebunkport
State, Zip	Maine, 04046
County	York
Telephone	207-229-9868
Email	Arundel76@gmail.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	Kennebunkport
Waterbody	Western Gulf of Maine
General Description (e.g. south of B Island)	Northeast of Cape Porpoise harbor
Lease Information	
Total acreage (4-acre maximum) and lease term (3-year maximum) requested	4-acre, 3-year
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"):	WE
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 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, ME 04005	60,000 lbs
2. Skinny Kelp <i>Saccharina angustissima</i>	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	60,000 lbs
3. Winged Kelp <i>Alaria esculenta</i>	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	10,000 lbs
4. Horsetail / Fingered Kelp <i>Laminaria digitata</i>	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	10,000 lbs
5. Shotgun Kelp <i>Agarum cribosum</i>	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	10,000 lbs
6. Irish Moss <i>Chondrus crispus</i>	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	5,000 lbs
7. Dulse <i>Palmaria palmata</i>	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	5,000 lbs
8. Sea Lettuce <i>Ulva lactuca</i>	Atlantic Sea Farms 20 Pomerleau Street Biddeford, ME 04005	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: 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 the proposed experimental lease is to determine the viability of a commercial seaweed operation.

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

All marine algae species, according to demand, will be seeded on 1,000ft culture lines in the late fall (November through early December) and remain throughout the winter growing season until they are ready for harvest in the spring (April through early May). Longlines will be suspended 7ft below the sea surface with dropper lobster style buoys to maintain appropriate depth for optimal growth. After harvest, all culture lines and buoys will be removed from the site annually from mid May - October and stored on land.

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

Seeding will likely occur during the month of November or early December. The farm will be tended throughout the winter and spring and harvesting will occur in April through early May.

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

Daily, during most daylight hours, for 2- 4 days during seeding and 6-8 days during harvest.

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

As many days as possible given weather conditions.

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.

Marine algae culture lines will be brought aboard the vessel using the hydraulic boat hauler. The kelp is cut off the culture line and placed into 1,000 lbs bags on deck. The lines and surface buoys are hauled into the boat once the kelp is removed. The lines and buoys are cleaned and stored on land 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.

After harvesting occurs, culture lines and 200lb mushroom anchors will be brought back to land to be dried and cleaned. 1200lb moorings and their associated lines and buoys will remain on the lease 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 will be used on the lease site.

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>Commercial lobster trap fishing occurs in the surrounding area with effort occurring primarily from May to October. During the primary growing season of November - April, the proposed lease area has very minimal lobster trap gear deployed.</p>
<p>2. Recreational Fishing</p> <p>Groundfish jigging and striper trolling are possible in the proposed lease area, but primarily occur during the summer months.</p>
<p>3. Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water)</p> <p>During summer months recreational sailboats and other small craft travel around the surrounding area. Cape Porpoise harbor is 1.5 miles due west.</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>The proposed area is more than 1,000 feet from any shorefront property owners.</p>
<p>5. Other uses (kayaking, swimming, etc.)</p> <p>None</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>No</p>

<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.</p>
<p>No</p>

<p>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.</p> <p>Current and pending aquaculture leases and active LPA licenses may be found here: https://www.maine.gov/dmr/aquaculture/leases/index.html</p>
<p>No</p>

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 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. 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, the applicant requests that from November through April that all dragging and fixed gear be excluded from the lease site to avoid any disturbance while culture lines are in the water. In the offseason, May through October, all recreational and commercial activities can continue as normal.

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?
117-127 feet

B. What are the approximate depths at mean high water?
127-137 feet

C. Provide the approximate current speed and direction during the ebb and flow.
Currents in the proposed lease area are largely influenced by tidal oscillations and an easterly current, neither of which commonly exceed 1 knot.

<p>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.</p>
<p>1. What are the bottom characteristics (mud, sand, gravel, rock, ledge or some mix, etc.)?</p>
<p>Patches of mud and gravel.</p>
<p>2. Describe the bottom topography (flat, steep rough, etc.).</p>
<p>Bathymetry of the proposed lease area is flatter and smoother than that surrounding it and decreases by ten feet from north to south.</p>
<p>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?</p>
<p>Likely organisms at or near the bottom consist of American lobster, jonah crab, and some groundfish. Occurring almost exclusively in the summer, when all horizontal gear is removed from the site, some pelagic baitfish and mackerel are known to transit the surrounding waters along with individual seals and blue sharks.</p>

<p>4. Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.</p>
<p>None known</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>Based on data collected in 2018, 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 117ft (MLW) and 137ft (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 proposed lease is in open water more than 1,000 feet outside a rocky harbor.</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.

<p>F. Will your operations discharge anything into the water such as feed (pellets, kelp, etc.) or chemical additives (therapeutants, chemical treatments, etc.)?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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	3/8" x 1,000'	November through April	17 lines	Marine Algae
Endlines	3/8" x 160'	November through April	2 lines	Marine Algae
Depth control buoys	5" x 11"	November through April	151 buoys	Marine Algae

Depth control lines	3/8" x 7'	November through April	153 lines	Marine Algae
Poly-ball Mooring Buoy, lease corner markers	11" x 14"	Year round (8) November through April (18)	18 buoys	Marine Algae
Mooring lines	3/8" x 240'	Year round (8) November through April (8)	16 lines	Marine Algae
Mooring anchors	Granite 1200 lbs	Year round	8 anchors	Marine Algae
Mushroom anchors	Iron 200 lbs	November through April	8 anchors	Marine Algae
Mooring chain	1/2" x 3'	Year round (8) November through April (8)	16 lengths	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

<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.</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If you answered no, explain why and suggest alternate markings.</p> <p>N/A</p>
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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>
- 3.If any portion of the site is intertidal you need to complete the steps outlined in “17. Landowner/Municipal Permission Requirements”.

<p>B. Will your access to the lease area be across riparian land?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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Note: If you selected yes, you will need to complete the landowner permission requirements included in “17. Landowner/Municipal Permission Requirements” of this application.

<p>C. How will you access the proposed site?</p> <p>The applicant will travel by lobster boat from Cape Porpoise Harbor to the lease site.</p>

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: _____

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

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:** _____

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*) Edward Hutchins II 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.



26 March 22

Applicant Signature

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*) Edward Hutchins II 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: Edward Hutchins II

Title (if corporate applicant): N/A

Signature:  Date: 26 March 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

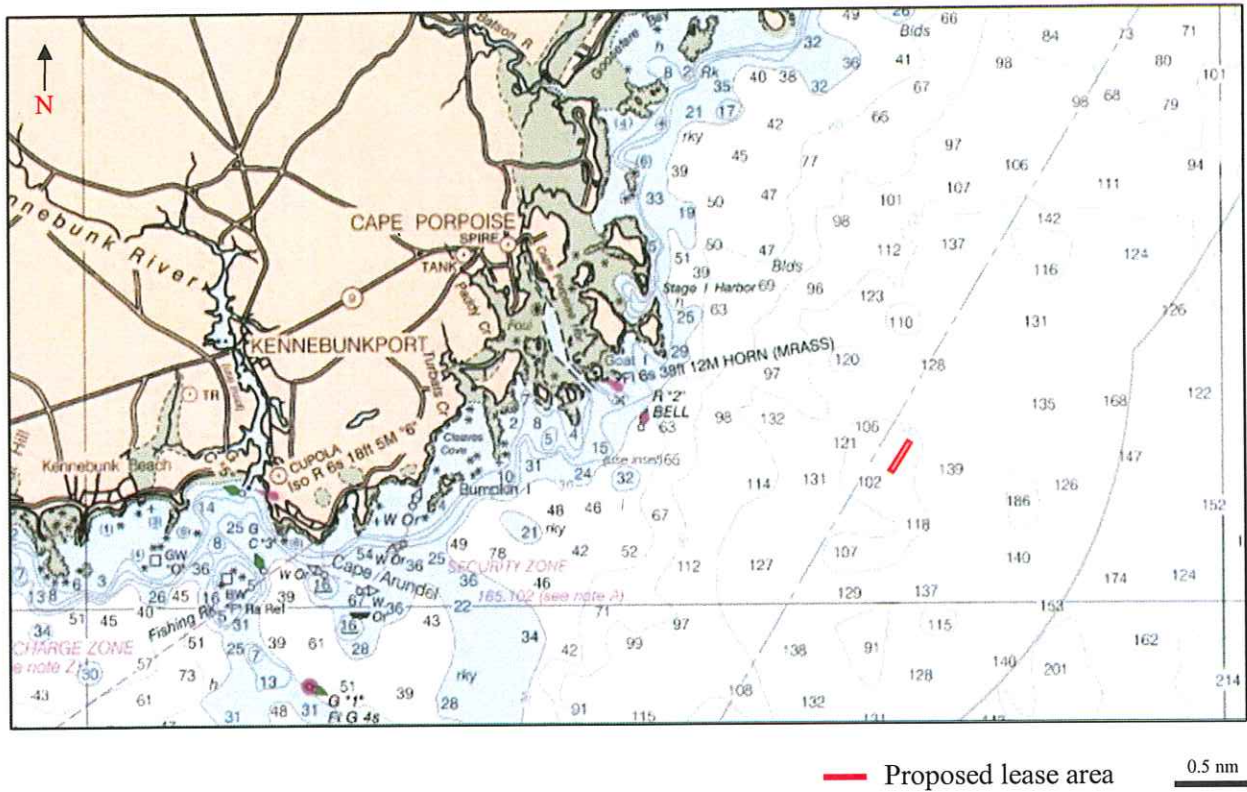


Figure 2: (Section 6) Boundary Drawing

The proposed lease area will be 1,020 feet long and 170 feet wide located approximately 1.5 nautical miles east of Cape Porpoise harbor in open ocean waters. Datum coordinates were developed in MaxSea plotting software version 12.6.

Coordinate Description

- NW corner is: 43° 21' 2.74" N 70° 22' 50.12" W
- NE corner is: 43° 21' 2.10" N 70° 22' 48.28" W
- SE corner is: 43° 20' 53.71" N 70° 22' 54.83" W
- SW corner is: 43° 20' 54.09" N 70° 22' 56.78" W

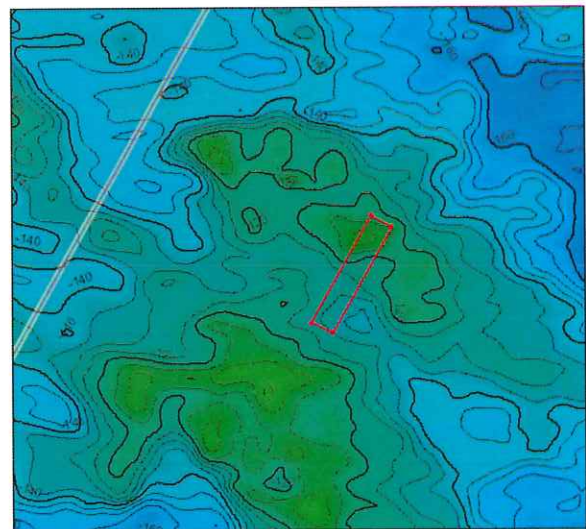
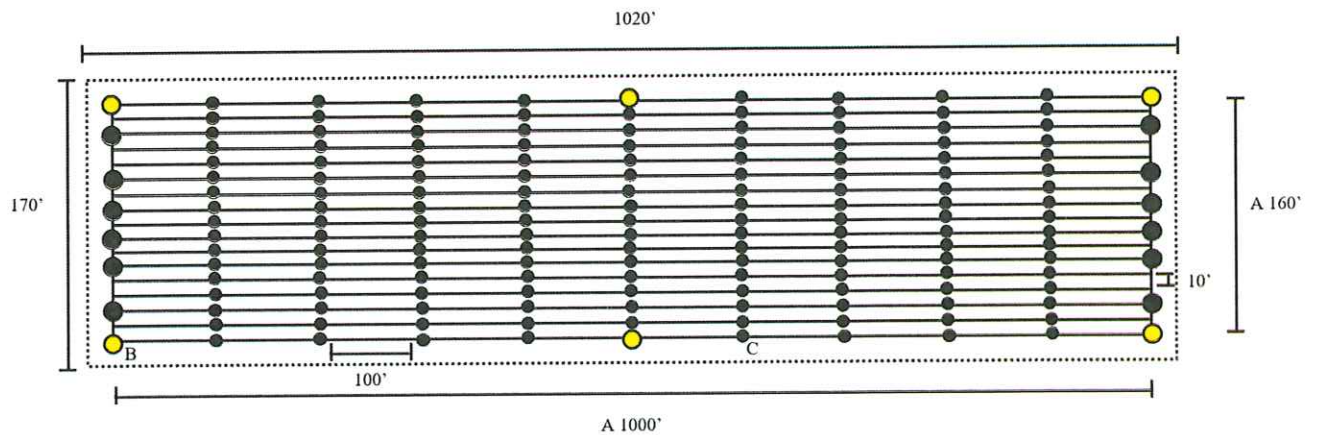


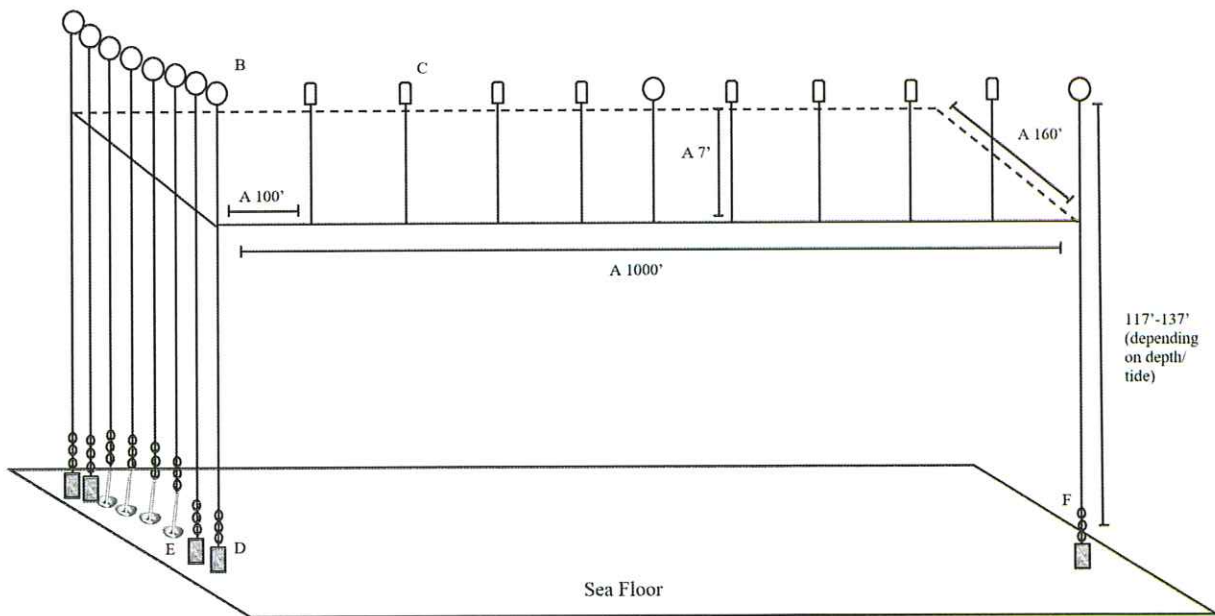
Figure 3: (Section 12) Overhead View (November - May during growing season)



- A- 3/8" rope
- B- 11" x 14" poly-ball and 1200 lb granite mooring/200 lb mushroom anchor
- C- 7" x 21" buoy
- - lease boundary markers

Figure 4: (Section 12) Cross-section View

Growing Season (November-April)



- A- 3/8" rope
- B- 11" x 14" poly-ball
- C- 5" x 11" buoy
- D- 1200 lb granite mooring
- E- 200 lb mushroom anchor
- F- 3' x 1/2" mooring chain

Figure 5: (Section 12) Cross Section View

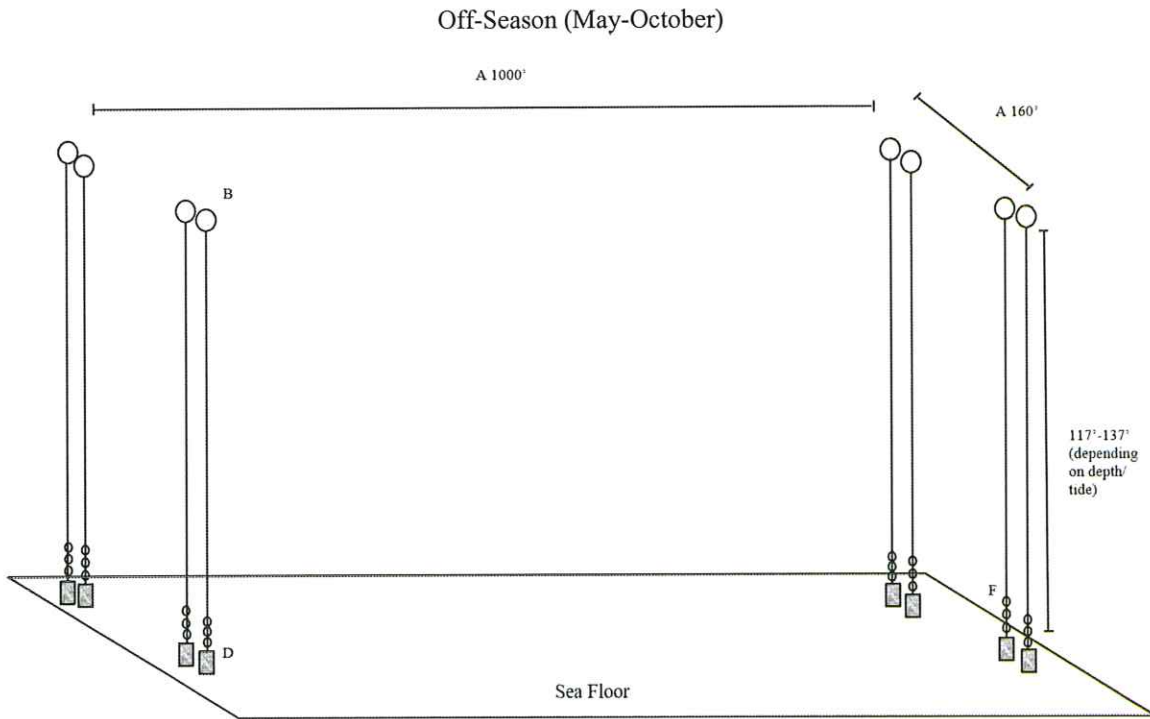


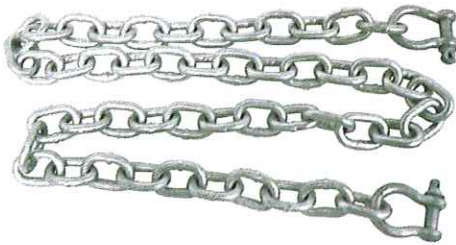
Figure 6: (Section 12 D) Gear Drawings



1200 lb granite mooring



3/8" rope and 5"x11" buoy



3' x 1/2" mooring chain



200 lb mushroom anchor



11" x 14" mooring buoy

Fisherman Supporting Letter (1/2)

Kenneth Hutchins
68 Old Cape Rd
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Department of Marine Resources
Government Office in Augusta Maine

March 24th, 2022

To the Department of Marine Resources,

Please accept this letter as testimony in support for my son Edward W. Hutchins II proposed aquaculture lease off of Cape Porpoise Maine.

I have been a commercial fisherman for more than 6 decades and I have had the opportunity to participate in several commercial fisheries, many of which no longer exist. As of today, commercial lobstering is the only viable fishery available for most fisherman to sustain a living. This is why, I think it is very important for fisherman to have an opportunity to expand into a new economic opportunity using much of their existing equipment. I have had the opportunity to look at the site selected, and I agree that it is of little commercial value to local lobsterman and would make an excellent location for an experimental aquaculture lease site.

Respectfully,



Kenneth Hutchins

Fisherman Supporting Letter (2/2)

To whom it may concern,

Ed and Riley requested that I write a letter supporting their application to lease an area near Cape Porpoise to grow kelp next winter. I set traps relatively close to this area but not in it and only during the summer and fall. To my knowledge the location that they plan to grow kelp in rarely is set on with traps from other lobsterman from Cape Porpoise harbor and would only happen in the summer if at all. Therefore I believe that their lease would have minimal impacts on existing uses in this area and the area surrounding it.

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