



## APPLICATION FOR CHANGE IN AUTHORIZATION FOR SPECIES and/or GEAR



Lease Acronym	PEN LD3
Leaseholder	Abigail Barrows/Long Cove Sea Farm
Contact Person	Abigail Barrows
Address	396 Airport Road
City	Stonington
State, Zip	Maine, 04681
Telephone	207-730-3370
Email	longcovefarm@gmail.com

What type of amendment are you requesting (check one)?

☐ Gear amendment only

**Instructions:** Review and complete sections 2, 3 and 4 of this application

☐ Species amendment only

**Instructions:** Review and complete sections 1, 3 and 4 of the application

☐ Gear and species amendment

**Instructions:** Review and complete each section of the application

## 1. Bird Deterrents

**BIRD DETERRENTS:** Suspended culture gear can attract birds that roost on the gear and defecate, potentially creating a pollution source impacting shellfish held within the gear. If you are applying to add shellfish species and/or suspended gear to your site, please include a description of mitigation or deterrent measures to minimize the potential pollution impacts of birds. If appropriate, include sketches or photos that clearly depict those measures put into practice.

Examples may include:

- Suspended gear and associated product would be submerged at a depth sufficient to deter roosting for at least two weeks before harvest
- Attaching physical deterrents (i.e. zip ties) to gear
- Only shellfish seed would be cultured
- Only adductor-only scallops would be cultured

This application is only to add seaweed species, which are grown at a depth of 7ft.

## 2. SPECIES CHANGES

**SPECIES INFORMATION:** Indicate the species you wish to add or remove from your lease and list the source of stock for each species you wish to add.

Indicate “Add” or “Remove” from Lease	Species (common and Latin name)	Source of Stock (Name, address, & phone number)
Add	Horsetail kelp, <i>Laminaria digitata</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, Maine 04005
Add	Winged kelp, <i>Alaria esculenta</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, Maine 04005
Add	Laver/Nori <i>Porphyra umbilicalis</i>	Atlantic Sea Farms 20 Pomerleau St. Biddeford, Maine 04005

**CULTURE PLAN:** Please describe how you intend to cultivate each of the species you proposed to add to the lease using the table below. Please attach a separate table for each species you propose.

Information Requested	Proposed Species: <i>Palmaria palmata</i>
Seed Size	On spool
Number of Organisms to be Cultured	Depends on growth success, up to 2 acres
Stocking Density	Line grown, up to 2 acres
Method of Culture and Dates (ex: April-Dec)	Line grown, Nov 1-May 1
Method of Harvest and Timing (ex: Fall)	Hand harvest in Spring
Predator Control Methods	Seaweed lines will be submerged ~7 ft.
Overwintering Plans/Dates (ex. Nov – Mar)	Lines will be removed after harvest and put back on in the fall for seeding. It is a winter crop.

**CULTURE PLAN:** Please describe how you intend to cultivate each of the species you proposed to add to the lease using the table below. Please attach a separate table for each species you propose.

<b>Information Requested</b>	<b>Proposed Species:</b> <i>Laminaria digitata</i>
Seed Size	On spool
Number of Organisms to be Cultured	Depends on growth success, up to 2 acres
Stocking Density	Line grown, up to 2 acres
Method of Culture and Dates (ex: April-Dec)	Line grown, Nov 1-May 1
Method of Harvest and Timing (ex: Fall)	Hand harvest in Spring
Predator Control Methods	Seaweed lines will be submerged ~7 ft.
Overwintering Plans/Dates (ex. Nov – Mar)	Lines will be removed after harvest and put back on in the fall for seeding. It is a winter crop.

**CULTURE PLAN:** Please describe how you intend to cultivate each of the species you proposed to add to the lease using the table below. Please attach a separate table for each species you propose.

Information Requested	Proposed Species: <i>Alaria esculenta</i>
Seed Size	On spool
Number of Organisms to be Cultured	Depends on growth success, up to 2 acres
Stocking Density	Line grown, up to 2 acres
Method of Culture and Dates (ex: April-Dec)	Line grown, Nov 1-May 1
Method of Harvest and Timing (ex: Fall)	Hand harvest in Spring
Predator Control Methods	Seaweed lines will be submerged ~7 ft.
Overwintering Plans/Dates (ex. Nov – Mar)	Lines will be removed after harvest and put back on in the fall for seeding. It is a winter crop.

**CULTURE PLAN:** Please describe how you intend to cultivate each of the species you proposed to add to the lease using the table below. Please attach a separate table for each species you propose.

<b>Information Requested</b>	<b>Proposed Species:</b> <i>Porphyra umbilicalis</i>
Seed Size	On spool
Number of Organisms to be Cultured	Depends on growth success, up to 2 acres
Stocking Density	Line grown, up to 2 acres
Method of Culture and Dates (ex: April-Dec)	Line grown, Nov 1-May 1
Method of Harvest and Timing (ex: Fall)	Hand harvest in Spring
Predator Control Methods	Seaweed lines will be submerged ~7 ft.
Overwintering Plans/Dates (ex. Nov – Mar)	Lines will be removed after harvest and put back on in the fall for seeding. It is a winter crop.

### 3. GEAR CHANGES

**GEAR INFORMATION:** Describe each gear type you wish to add to or remove from your current gear plan.

Specific Gear Type ( <i>e.g. soft mesh bag</i> )	Add or Remove	Dimensions of Gear Added or Removed ( <i>e.g. 16"x20"x2"</i> )	Dates That Gear Will Be in The Water ( <i>Added gear only</i> )

\*\*\* Attach the following drawings showing the proposed new gear. Use the plans in your Army Corps permit and/or DMR lease application as a starting point. Be sure to include:

- **Layout plan** showing:
  - placement of existing and new gear on lease site
  - north arrow
  - lease corners labeled
- **Cross-section view** showing:
  - mooring gear and
  - other gear
  - depths at MLW and MHW
- **Drawing of an individual piece of each new gear**, including:
  - dimensions and
  - materials and
  - numbers of each type of gear to be added

**Complete responses to the following questions (attach a separate sheet if needed):**

1. How does adding this gear change your existing operations?

2. Describe any changes in the number of trips to the lease site per day. If none, please write "none."

3. Describe any changes in noise and level of on-site activity. If there are no changes, please write “none.”

4. Will gear remain on site during the winter?

☐ Yes

☐ No

If you selected “yes” use the space below to describe your overwintering plans. Please include the dates for overwintering.

### 3. Tax Maps and Riparian List

Is your existing lease within 1,000ft of shorefront land (which extends to mean low water or 1,650 ft. from shore, whichever is less)?

☐ Yes

☐ No

If yes, the following supporting documents are required:

#### A. Tax Map

A labeled copy of the appropriate tax map(s) depicting the location of the proposed lease site.

The map(s) needs to include the following elements:

- Label the map “Tax Map: Town of (name of town).”
- Legible scale
- Tax lot numbers clearly displayed
- The boundaries of the existing lease

#### B. Riparian List

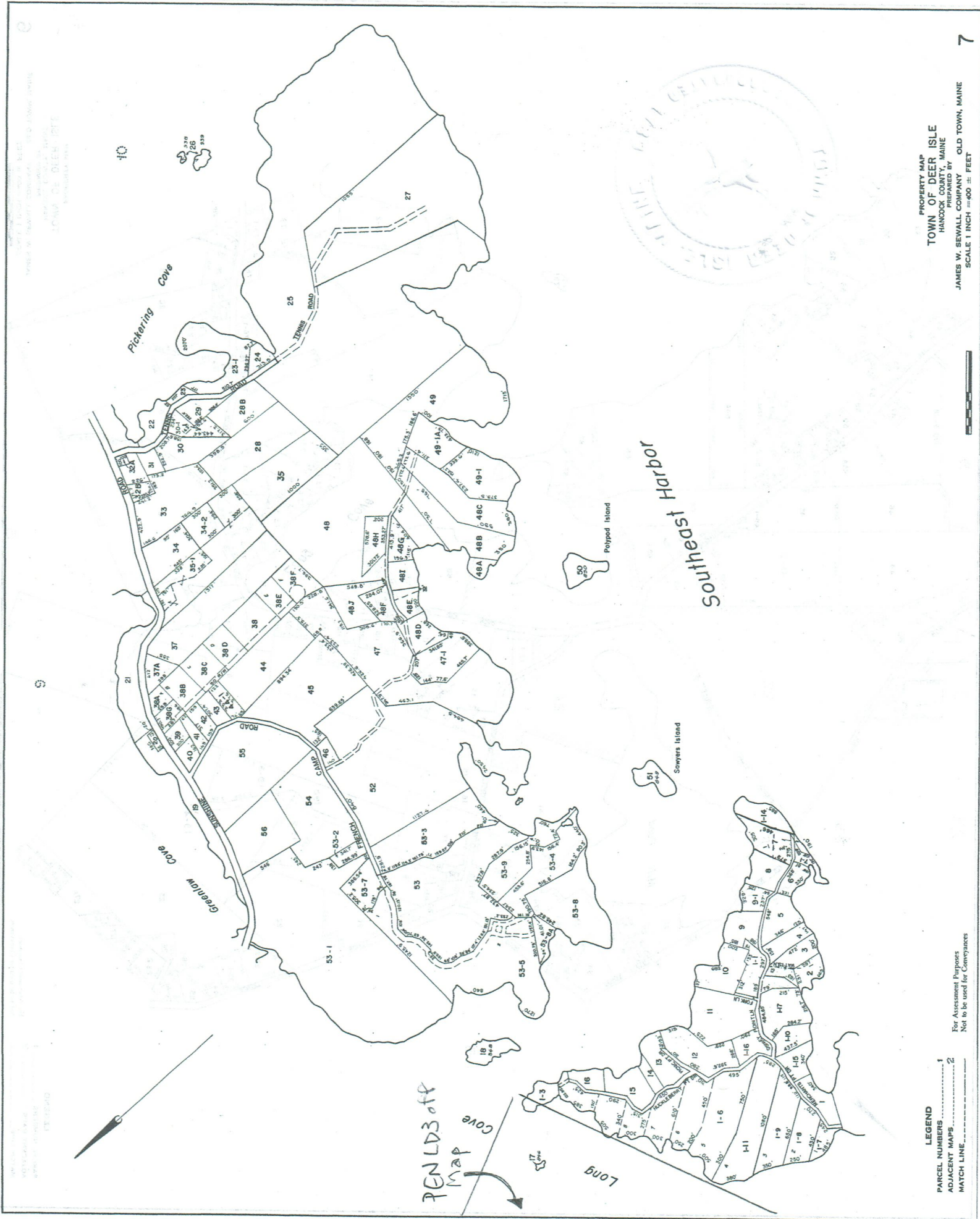
Please use the Riparian Landowner List (included on the next page) to list the name and address of every shorefront landowner within 1,000 feet of your existing lease. Have the tax collector or clerk of the municipality certify the riparian list.

PROPERTY MAP  
TOWN OF DEER ISLE  
HANCOCK COUNTY, MAINE  
PREPARED BY  
JAMES W. SEWALL COMPANY  
OLD TOWN, MAINE  
SCALE 1 INCH = 400 FEET



LEGEND  
PARCEL NUMBERS ..... 1  
ADJACENT MAPS ..... 2  
MATCH LINE .....

For Assessment Purposes  
Not to be used for Conveyances



PROPERTY MAP  
TOWN OF DEER ISLE  
HARBOUR COMMISSION, MAINE  
PREPARED BY  
JAMES W. SEWALL COMPANY OLD TOWN, MAINE  
SCALE 1 INCH = 400 FEET

LEGEND  
PARCEL NUMBERS ..... 1  
ADJACENT MAPS ..... 2  
MATCH LINE .....  
For Assessment Purposes  
Not to be used for Conveyances



JANET T. MILLS  
GOVERNOR

STATE OF MAINE  
DEPARTMENT OF MARINE RESOURCES  
21 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0021

PATRICK C. KELIHER  
COMMISSIONER

## - RIPARIAN OWNERS 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: Deer Isle

MAP #	LOT #	Landowner name(s) and address(es)
6	49	DAHLEN ESTATE TRUST C/O COLLEEN DAHLEN 49 MAYFLOWER ROAD PLYMPTON MA 02367
6	50	CLINE, LEE 218 NEEDLES EYE ROAD LAMOINE ME 04605
6	51	THE BEACHUM, SALVATORE REALTY TRUST C/o DOUGLAS M & SONIA K GLYNN (TRUSTEES) 103 MILL ST. MIDDLETON MA 01949
6	52	ALBRECHT, SUSAN VROMAN ALBRECHT, JAMES W PO BOX 426 DEER ISLE ME 04627
6	53	ELFSTROM, BRUCE HEMLOCK VALLEY ROAD EAST HADDAM CT 06423
6	55-1	DAVIS, SHARON J 184 SUNSHINE ROAD DEER ISLE ME 04627
6	55-3	DAVIS, BYRON Q & OLHA M DAVIS DAVIS, VERONIKA L 77 ANDERSON ST PORTLAND ME 04101
6	56	SWANTON, AUDREY 446 BRISTLE CONE LANE NAPLES FL 34113
6	63	WILSON, JOHN, WILSON, ANNE P.O. Box 583 DEER ISLE ME 04627
6	64-A	CLOUGH, JASON J., CLOUGH, MIRANDA B 36 TREASURE LANE DEER ISLE ME 04627
6	67, 67-1	BECTON, JEFFERY C TRUST C/o JEFFERY BECTON & JUSTIN HEATTER (TRUSTEES) 94 FRENCH CAMP ROAD

OFFICES AT 32 BLOSSOM LANE, MARQUARDT BUILDING, AUGUSTA, MAINE  
<http://www.Maine.gov/dmr>

PHONE: (207) 624-6550

FAX: (207) 624-6024

MAP #	LOT #	Landowner name(s) and address(es)
6	57	Eaton Samuel and Virginia family Trust c/o Kendell Eaton 150 S. Burnt Cove Rd, Stonington ME 04681
6	77	Susie B Reeves, Gotwals Donna, Weed Sandra c/o Edward Davis 438 Airport rd Stonington, ME 04681
6	74, 75	Carol Woodward PO Box 1622 Bucksport, ME 04416
7	1-3	Powell, Donald W Powell, Linda Living Trust C/o Dibakd & Linda Powell 116 Old Georgetown Road Princeton NJ 08540
7	1-6, 17	Bower, David & Carolyn C & Crusius, Virginia 1074 Toddy Pond Road Surry ME 04684
6	76	Williamson Todd, Palazzi Vittoria 102 Cowhorn trail PO 283 Deer Isle ME 04627
6	76-2	Laurance Tracy Jr., Joanne Tracy 22 Whitten Hill Road Kennebunkport ME, 04046

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

### **CERTIFICATION**

I, Heather Cormier, Town Clerk for the Town of Deer Isle, 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: Heather Cormier DATE: 2/1/2023

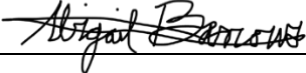


### 3. Applicant Signature

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 lease amendment process.

Printed name: Abigail Barrows, Long Cove Sea Farm

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

Signature:  Date: 02/2/2023

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(s) (i.e. President, Treasurer, etc.) of the individual(s) signing on the company's behalf.

Additional Applicant:

Printed name: \_

Title (if corporate applicant):

\_ Signature:

Date: