

EXPERIMENTAL LEASE APPLICATION

1. APPLICANT CONTACT INFORMATION

Applicant	Dodge Cove Marine Farm
Contact Person	Tonie Simmons
Address	PO Box 204
City	Bremen
State, Zip	Maine, 04551
County	Lincoln
Telephone	(207) 529-4100
Email	Tonie@muscongusbay.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	Walpole
Waterbody	Damariscotta River
General Description (e.g. south of B Island)	Just north of Glidden Ledge, West of Fitch Cove
Lease Information	
Total acreage (4-acre maximum) and lease term (3-year maximum) requested	1.9 acres
Type of culture (check all that apply)	<input checked="" type="checkbox"/> Bottom (no gear) <input 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”):	WQ (growing area)
Growing Area Section (e.g. “A1”):	A (pollution area)

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. American Oysters <i>Crassostrea virginica</i>	Muscongus Bay Aquaculture PO Box 204 Bremen, ME 04551	1 million

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

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

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

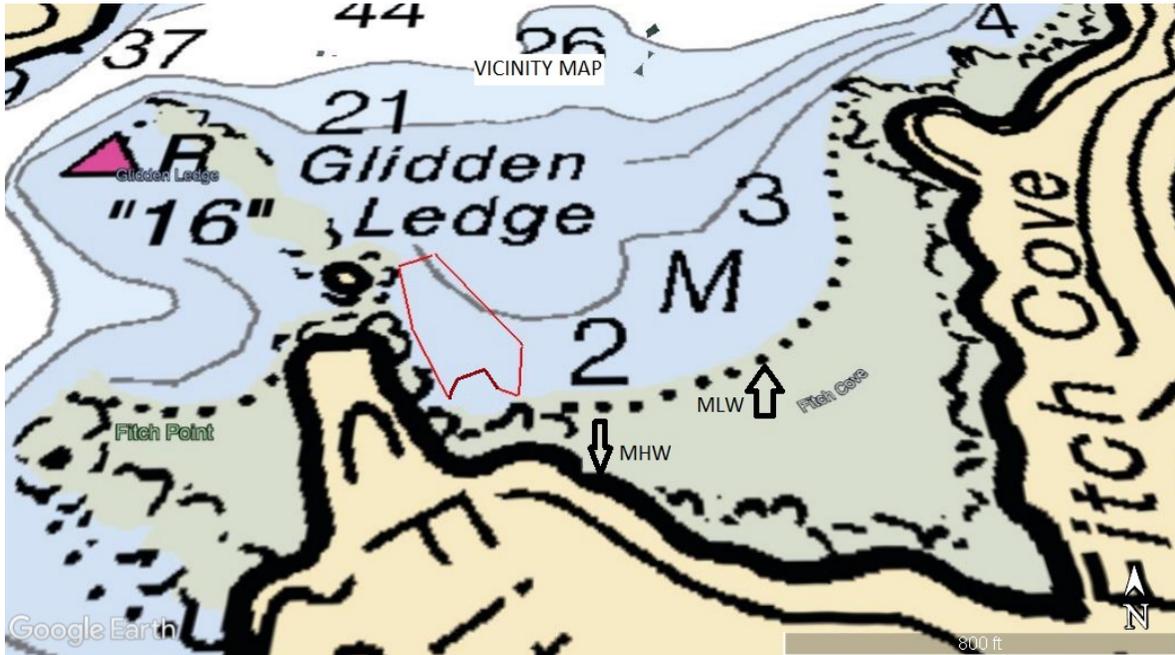
5. VICINITY MAP

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.

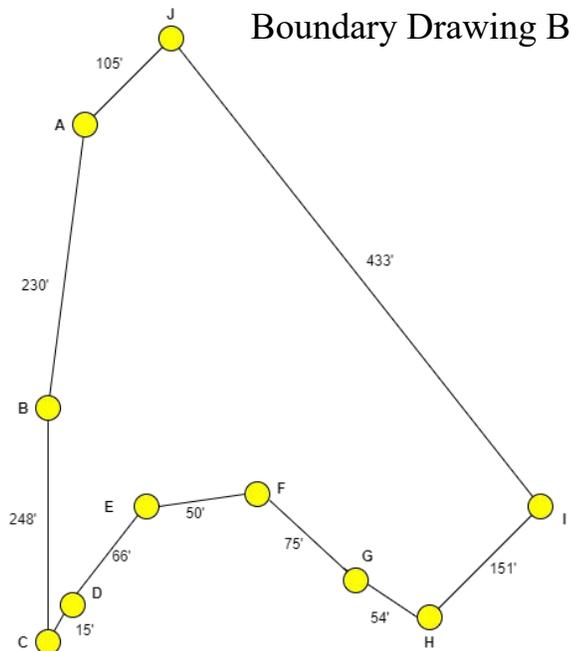
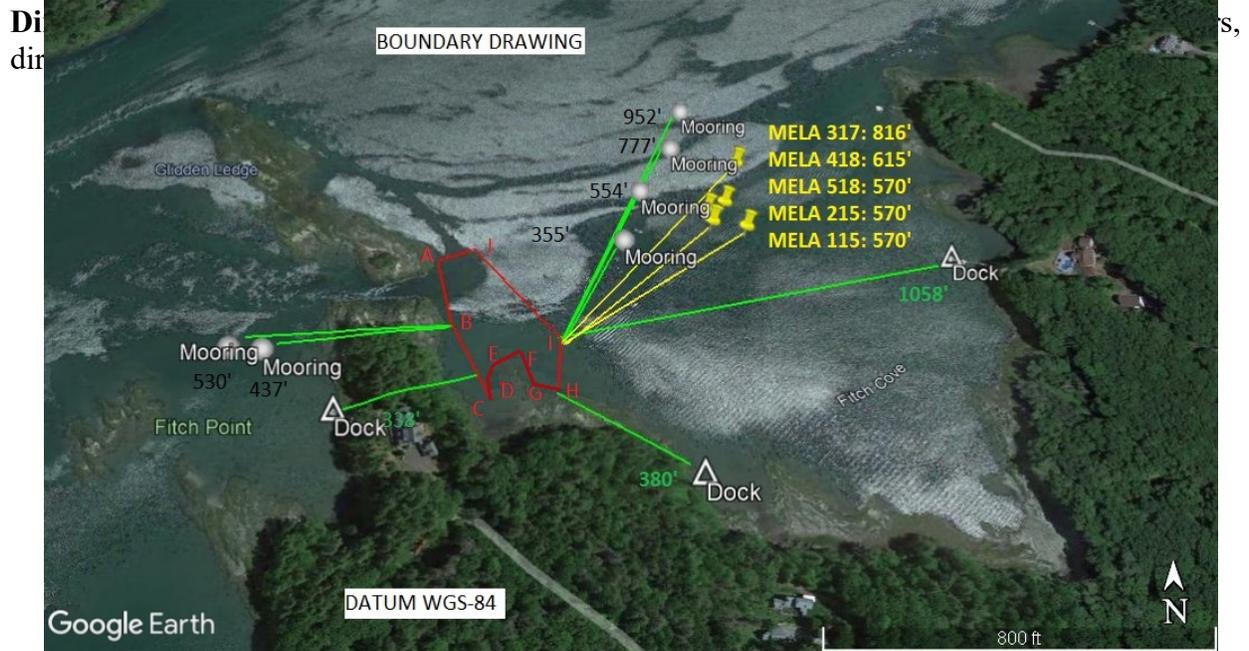
The map needs to display the following:

- 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'.



- 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.

Name	Latitude	Longitude
A	43° 58' 7.59"	69° 34' 10.12"
B	43° 58' 5.37"	69° 34' 9.36"
C	43° 58' 3.30"	69° 34' 7.53"
D	43° 58' 3.44"	69° 34' 7.53"
E	43° 58' 4.08"	69° 34' 7.35"
F	43° 58' 4.20"	69° 34' 6.69"
G	43° 58' 3.56"	69° 34' 6.16"
H	43° 58' 3.29"	69° 34' 5.53"
I	43° 58' 4.78"	69° 34' 5.40"
J	43° 58' 8.01"	69° 34' 8.95"

Distance between Points:

Points	Distance
A-B	230'
B-C	248'
C-D	15'
D-E	66'
E-F	50'
F-G	75'
G-H	54'
H-I	151'
I-J	433'
J-A	105'

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.

We are trying to find a reliable and separate location for a distinct oyster population. Our hatchery produces millions of oysters for customers up and down the East Coast and we would like to find a unique site to have a population isolated from our other aquaculture operations. This site is ideal with its sheltered location and hard bottom

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

We would grow our oysters out on our other farm sites near Hog Island until they reach a size of about 2". We will then plant seed in the fall allowing it to continue to grow on the bottom until it reaches market size.

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

We would be seeding in the fall. Harvesting could occur at any time of the year, but would be heaviest in the Spring or Fall. We anticipate seeding August-December and harvesting January-December.

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

Seeding a small spot like this will not take more than 7 days. Harvesting a site this size usually takes us 13 8-hour days, but since this site is to be used as a broodstock development location we don't anticipate harvesting it all at once or in the same manner as our commercial sites: harvesting could be minutes or a couple hours or most of the day depending on the method used and amount of product needed and would be throughout the year. We envision taking those "13 work days" and spreading them out throughout the year with smaller visits concentrated in the spring (Mar-June) and fall (Aug-Dec).

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

We will visit the site about once a week to check on any maintenance that might need to be done.

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

We would like to dive, hand rake, and drag with our boat drags. Our boats use a drag 42 inches wide with a 12 inch opening. The hand rake measures 23.5 inches wide with a 8 inch opening and is 106 inches long. Please see Appendix D for rake and drag images.

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.

We have no overwintering or offseason plans for the site. The oysters remain on the bottom, where they were planted, until they are harvested. We will remove lease markers as is required by ice.

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?

We would ask to use a drag which we currently use on other sites. Dragging only occurs during harvesting which would be infrequent on the site since it would be a low density site used primarily for our hatchery.

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

We have no predator control techniques since the oysters would be directly on the bottom.

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)

We will not be using surface gear, or any gear. Therefore there is no place for birds to perch on the 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

We are not aware of any commercial fishing that occurs on the site. There are lobster pots in the early spring and late fall in the area, but our proposed lease is located in the shallow area of the ledge.

2. Recreational Fishing

We have not witnessed any recreational fishing (striped bass, Mackerel) on the site, but there could be some that occurs. We have no issue with allowing recreational fishing on the lease.

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

There are very few boating activities that occur on the site due to its shallow depth and proximity to Glidden Ledge. The main channel is about 1200' from the western edge of the site. Kayakers could use the area, and would not be prevented from paddling over the site.

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 is a property located to the Southwest of the site, but their dock is on the other side of Glidden Ledge. We are unaware of the Riparians using their northern shore for ingress/egress. Regardless, this activity would not be prohibited by the site since it is a bottom lease.
5. Other uses (kayaking, swimming, etc.)
We are unaware of swimming in the area and referenced kayaking under “boating” activities.

B. Are there private docks, moorings, or other access points within 1,000 feet of the proposed lease? If yes, please include approximate distance from proposed lease.
There is a dock to the Southeast of the site 380’ away. Another private dock sits 1058’ to the East. The last dock in the area is on the other side of the ledge 338’ as the crow flies. There are 4 moorings to the Northeast 355’, 554’, 777’, and 952’ from the lease. There are two moorings on the other side of the ledge as well, 437’, and 530’ as the crow flies.

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.
N/A

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
LPA’s MELA 317, MELA 418, MELA 518, MELA 215, and MELA 115 are 816’, 615’, and 570’ from the site to the Northeast.

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.

Dodge Cove Marine Farm and Muscongus Bay Aquaculture currently run an oyster grow-out operation centered at Ring Point Road in Edgecomb, Maine. Our farm crew is based at this facility and all our Damariscotta River grow-out operations utilize this facility. Dodge Cove Marine Farm and Muscongus Bay Aquaculture presently utilizes 31.33 acres of oyster bottom/nursery leases and Dodge Cove Marine Farm has been in operation since 1977. We employ a highly experienced crew with individuals who have many years’ experience farming on the Damariscotta River.

We currently operate Leases: NMR NML; DAM DP; DAM GS2; DAM HI; DAM HI2; DAM HI3; DAM HI5; DAM DL3x

Tonie Simmons has SIM 412; SIM 312; SIM 522; SIM 622 for LPA’s

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.

We do not plan to relinquish any leases or licenses.

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.

We would ask that commercial/recreational shell fishing be excluded from the site.

11. ENVIRONMENTAL CHARACTERIZATION

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

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

The depths range from about 1' to 10' at low tide.

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

The depths range from about 11' to 20' at high tide.

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

The current runs through an opening located in the middle of the proposed lease. For a majority of the site this is a northwest/southeast direction at a couple knots. The area close to the opening runs almost east to west at close to double the knots (4-6).

<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>The majority of the proposed lease is a hard gravelly bottom with some sand. As it deepens to the Northeast there is some soft mud.</p>
<p>2. Describe the bottom topography (flat, steep rough, etc.).</p>
<p>The bottom is mostly flat, with a drop off to the Northeast</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>We have not dived the area as frequently as other sites, but anticipate the marine organisms present are similar to our other sites in the Damariscotta River: an abundance of green crabs, hermit crabs, and polychaete worms. Mackerel and striped bass can be seen occasionally in the area as well.</p>

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

The Damariscotta river has an annual alewife migration that ends in Great Salt Bay, outside of that migration we are unaware of any migration routes.

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.

N/A

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

Glidden Ledge is a rocky jetty that extends out into the Damariscotta River for over a thousand feet. The rest of the shoreline has a rocky coast with forested residential areas.

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.

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
Yellow Marker Buoys	8"x14"	Mar-Dec	10	None
3/8" Poly sink line	3/8"	Mar-Dec	10	None
Full Cinder Blocks	8" x 8" x 16"	Mar-Dec	10	None

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. Effective January 1, 2023, 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.

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”.

See Attached

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?

We will access the site from our Ring Point facility, located across the river.

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 checked="" 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 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) Tonie Simmons 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.

 General Manager 8/4/22
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) _____ 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: Tonie Simmons

Title (if corporate applicant): General Manager

Signature:  Date: 8/4/22

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/MUNCIPAL PERMISSION REQUIREMENTS *(if applicable)*

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

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

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

Step I: Obtain written permission from all intertidal landowners.

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

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

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

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

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

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

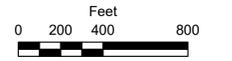
If you answered yes, please attach documentation from a public meeting demonstrating that a majority of municipal officers have consented to your proposal.

Appendix A: Tax Map

Property Map South Bristol Maine



1 inch = 400 feet



Legend

- Current Parcels
- Adjacent Maps
- Ponds
- sub parcel lines
- Easements
- Private Roads
- Public Roads
- Road Class**
- Secondary
- Local
- Private
- Wetlands (NWI)
- Streams
- Tidal Waters
- Intertidal rocks and flats

Source Documents:
 South Bristol Property Maps by James W. Sewall Co. and updated through 2014 by Maine Coast Surveying.
 Digital Property Maps prepared by Maine Coast Surveying in 2015 and updated through 2016.
 Digital Property Map updates by Maine Coast Surveying & Flood Consulting 2017 & 2018.
 Digital Property Map updates by Roderick H. Craib, Jr. 2019.
 High resolution digital orthophotographs produced from aerial photos collected in the Spring of 2013.
 Maine Office of Geographic Information Systems digital data layers.
 Road Type contains Next Generation 9-1-1 road centerline and road name data last updated April 26, 2020.
 Streams depicts single line streams of Maine from USGS 1:24,000 scale quadrangles.
 Wetlands (NWI) contains USFW National Wetland Inventory polygon data for Maine at 1:24,000 scale.
 The tidal shore was developed from two foot contours derived from 2010-2011 Lidar data courtesy of the USGS and the Maine Office of GIS.
 This revision is based only on plans, deeds and other data supplied by the Town of South Bristol.

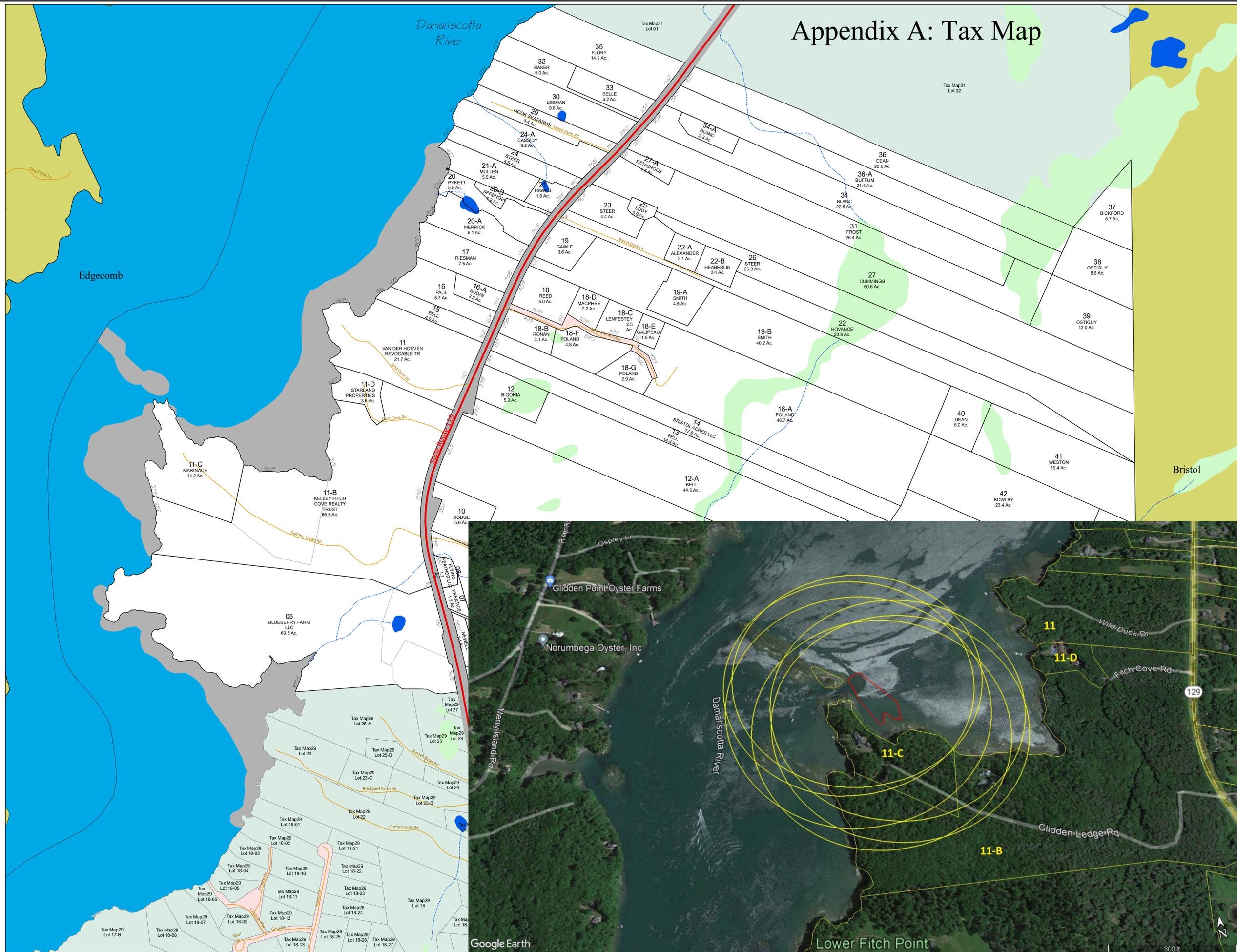
For Assessment Purposes Only
 Not a Boundary Survey
 Not to Be Used for Conveyances

April 1, 2020

prepared by

Roderick Craib
 21 Clarks Cove Road
 Walpole, ME 04573

MAP 30



Edgecomb

Bristol

Google Earth

Lower Fitch Point

800 ft

Appendix B: Certified Riparian List

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: South Bristol

MAP #	LOT #	Landowner name(s) and address(es)
30	11-B	Kelley Fitch Cove Realty Trust: Kelley, W. & Peskin, S. 37 Hedge Rd. Brookline, MA 02455
30	11-C	Marinace, Joyce (Trustee) Marinace Revocable Trust P.O. Box 201 202 New Hampton, NH 03256
30	11-D	Starland Properties, LLC. P.O. Box 16 Walpole, ME 04573
30	11	Van Der Hoeven Revocable Tr. 24 Tano Vida 3101 Old Pecos Trail Unit 653 Santa Fe, NM 87506 87505

Please use additional sheets if necessary and attach hereto.

CERTIFICATION

I, Brenda Bartlett, Town Clerk for the Town of South Bristol 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: Brenda Bartlett DATE: 8/01/2002



Appendix C: Corporate Applicant Form



MAINE DEPARTMENT OF MARINE RESOURCES

Aquaculture Division, 21 State House Station, Augusta, ME 04333-0021 (207) 624-6567

CORPORATE APPLICANT FORM **For Standard and Experimental Aquaculture Lease Applications**

Corporations or partnerships that apply for aquaculture leases in the State of Maine must complete this form. Corporations must submit information as requested under A. Corporate Applicant. Partnerships must submit information as requested under B. Partnership Applicant.

A. Corporate Applicant

Note: You must attach a copy of the Articles of Incorporation (Inc.) or Certificate of Formation (LLC) to your application.

1. Name of Corporation: Dodge Cove Marine Farms, LLC

2. Date of incorporation: November 27, 2007 State of incorporation: Maine

3. List the names, addresses, and titles of all officers:

Name	Address	Title
Thierry Bedard	5650 Yonge Street, Toronto, ON M2M 4H5	President, Secretary and Treasurer

Please use additional sheets if necessary and attach to the application.

4. List the names and addresses of all directors/members:

Name	Address
Thierry Bedard	5650 Yonge Street, Toronto, ON M2M 4H5
Chris Metrakos	5650 Yonge Street, Toronto, ON M2M 4H5

Please use additional sheets if necessary and attach to the application.

5. Has the corporation, or any stockholder, director, or officer applied for an aquaculture lease for Maine lands in the past? Yes No

If you selected “yes,” please indicate who applied for the lease and the status of the application or lease.

6. List the names and addresses of all stockholders who own or control at least 5% of the outstanding stock and the percentage of outstanding stock currently owned or controlled by each stockholder.

Name	Address	Percentage of Owned Stock
Atlantic Aqua Farms USA, Inc.	414 Dow Highway, Eliot, Maine, 03903	100%
Chris Metrakos and Thierry Bedard are employees of our parent company Ontario Teachers' Pension Plan (OTPP). OTPP owns 100% of Atlantic Aqua Farms USA, Inc (AAFUSA), who owns 100% of Muscongus Bay Aquaculture (MBAq), who owns 100% of Dodge Cove Marine Farm (DCMF). Chris Metrakos and Thierry Bedard are officers of AAFUSA, MBAq and DCMF.		

Please use additional sheets if necessary and attach to the application.

7. List the names and addresses of stockholders, directors, or officers owning an interest, either directly or beneficially, in any other Maine aquaculture leases, as well as the quantity of acreage from existing aquaculture leases attributed to each such person. If none, write, “None.”

Name	Address	Lease Acronym	Acreage
See attached.			

Please use additional sheets if necessary and attach to the application.

8. Has the corporation or any officer, director, member, or shareholder listed in item 5 above ever been arrested, indicted, convicted of, or adjudicated to be responsible for any violation of any marine resources or environmental protection law, whether state or federal?

Yes No

If you selected “yes”, please provide details.

5. Has the corporation, or any stockholder, director, or officer applied for an aquaculture lease for Maine lands in the past? Yes No

If you selected “yes,” please indicate who applied for the lease and the status of the application or lease.

6. List the names and addresses of all stockholders who own or control at least 5% of the outstanding stock and the percentage of outstanding stock currently owned or controlled by each stockholder.

Name	Address	Percentage of Owned Stock
Atlantic Aqua Farms USA, Inc.	414 Dow Highway, Eliot, Maine, 03903	100%
Chris Metrakos and Thierry Bedard are employees of our parent company Ontario Teachers' Pension Plan (OTPP). OTPP owns 100% of Atlantic Aqua Farms USA, Inc (AAFUSA), who owns 100% of Muscongus Bay Aquaculture (MBAq), who owns 100% of Dodge Cove Marine Farm (DCMF). Chris Metrakos and Thierry Bedard are officers of AAFUSA, MBAq and DCMF.		

Please use additional sheets if necessary and attach to the application.

7. List the names and addresses of stockholders, directors, or officers owning an interest, either directly or beneficially, in any other Maine aquaculture leases, as well as the quantity of acreage from existing aquaculture leases attributed to each such person. If none, write, “None.”

Name	Address	Lease Acronym	Acreage
See attached.			

Please use additional sheets if necessary and attach to the application.

8. Has the corporation or any officer, director, member, or shareholder listed in item 5 above ever been arrested, indicted, convicted of, or adjudicated to be responsible for any violation of any marine resources or environmental protection law, whether state or federal?

Yes No

If you selected “yes”, please provide details.

7. List the names and addresses of stockholders, directors, or officers owning an interest, either directly or beneficially, in any other Maine aquaculture leases, as well as the quantity of acreage from existing aquaculture leases attributed to each such person. If none, write, "None."

Name	Address	Lease Acronym	Acres
Dodge Cove Marine Farm, LLC	P.O. Box 204, Bremen, ME 04551	DAM HI	2.0000
Dodge Cove Marine Farm, LLC	P.O. Box 204, Bremen, ME 04551	DAM HI2	6.9500
Dodge Cove Marine Farm, LLC	P.O. Box 204, Bremen, ME 04551	DAM HI5	3.5500
Dodge Cove Marine Farm, LLC	P.O. Box 204, Bremen, ME 04551	DAM NMR NML	0.0365
Muscongus Bay Aquaculture, Inc.	P.O. Box 204, Bremen, ME 04551	DAM DP	6.5300
Muscongus Bay Aquaculture, Inc.	P.O. Box 204, Bremen, ME 04551	DAM GS2	5.0000
Muscongus Bay Aquaculture, Inc.	P.O. Box 204, Bremen, ME 04551	DAM HI3	7.0000
Muscongus Bay Aquaculture, Inc.	P.O. Box 204, Bremen, ME 04551	DAM DL3x	3.93

Appendix D: Harvest Equipment



Boat Drag: 42" x 12"



Hand Rake: 23.5" x 8"