#### STANDARD LEASE APPLICATION: NON-DISCHARGE

#### 1. APPLICANT CONTACT INFORMATION

| Applicant           | Dewey's Shellfish LLC   |  |  |
|---------------------|---|--|--|
| Contact Person      | Dillon Shaw   |  |  |
| Address             | 712 Eastern Ave   |  |  |
| City                | Augusta   |  |  |
| State, Zip          | ME, 04330   |  |  |
| County              | Kennebec  |  |  |
| Telephone           | 2072428357  |  |  |
| Email               | deweys.shellfish@gmail.com  |  |  |
| Type of Application | Draft Application [submitted before scoping session]  Final Application [submitted after scoping session] |  |  |
| Dates               | Pre-Application Meeting: 9/24/19 Draft Application Submitted: Scoping Session: 1/24/20                    |  |  |

**Note:** If applicant is a corporation or a partnership, the "Corporate Applicant Information Document" available at: http://www.maine.gov/dmr/aquaculture/forms/standard.html must also be completed.

#### 2. PROPOSED LEASE SITE INFORMATION

| Location of Proposed Lease Site |  |  |
|---------------------------------|--|--|
| Town                            | South Bristol                                      |  |
| Waterbody                       | Damariscotta River                                 |  |
| General Description             |  |  |
| (e.g. south of B Island)        | Northwest of Peters Island                         |  |
|                                 | Lease Information                                  |  |
| Total acreage requested         | .45 Acers  |  |
| (100-acre maximum)              |  |  |
| Lease term requested            |  |  |
| (20-year maximum)               | 20 years   |  |
| Type of culture (check all      | Bottom (no gear)                                   |  |
| that apply)                     | Suspended (gear in the water and/or on the bottom) |  |
| Is any portion of the           |  |  |
| proposed lease site             | ☐ Yes ✓ No   |  |
| above mean low water?           |  |  |

**Note:** If you selected yes, you need to complete the steps outlined in the section titled: "19. Landowner/Municipal Permission Requirements".

#### 3. WATER QUALITY

*Directions:* Water Quality Information can be found here: <a href="http://www.maine.gov/dmr/shellfish-sanitation-management/closures/pollution.html">http://www.maine.gov/dmr/shellfish-sanitation-management/closures/pollution.html</a>

| Pollution Area (e.g. "19-A"):                                  | 23-C     |
|--|----------|
| Pollution Area Section (e.g. "B.2". or "none"):                | None     |
| Water Quality Classification (e.g approved, restricted, etc.): | Approved |

**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. SPECIES 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<br>the source of seed stock,<br>juveniles, and/or smolts | Maximum number (or biomass) of organisms you anticipate on the site at any given time |
|--|--|---|
| Blue Mussel     Mytilus Edulis   | Wild Stock From Area   | 250,000lbs  |
| 2.<br>N/A  | N/A  | N/A   |
| 3. N/A   | N/A  | N/A   |
| 4. N/A   | N/A  | N/A   |
| 5. N/A   | N/A  | N/A   |

| <b>B</b> . Do you intend to possess, transport, or sell whole or roe-on scallops?   Yes |  |
|---|--|
|---|--|

If you answered "yes" please contact the Bureau of Public Health to discuss you 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: <a href="maintained-pmainta

#### 5. VICINITY MAP

**Note:** Please label as: '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 scale bar
- The approximate lease boundaries

Please see Page 19

#### 6. BOUNDARY DRAWING

Note: Please label as: 'Boundary Drawing'.

Please see Page 20

**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.

Please see Page 21 for Coordinate Description.

#### 7. SITE DEVELOPMENT

**Directions:** 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 gear drawings and maximum structure schematics (information below). This section is intended to provide accurate plans depicting the physical structures to be placed in the proposed area. All dimensions need to labeled with the appropriate units (i.e. 10ft, 10in). If you are proposing a bottom lease (no gear), please skip to question "F. Marking".

**Note:** You may embed the schematics within the document, or attach them to the end of your application. If you attach the schematics, please label them according to the instructions provided below.

#### A. Gear Information

*Directions:* Include a drawing of an individual piece of gear for each of the gear type(s) you plan to use. Include units referenced (i.e. 10in, 10ft, etc.).

- 1. <u>Gear Drawing:</u> Please include the following for each gear type that will hold organisms to be cultured (e.g. Polar circles, marine algae longlines, oyster cages) and label as "Gear Drawing". This view must show the following:
  - Length, width, and height of each gear type.

#### Please see Page 22

2. <u>Gear Table</u>: List and describe each individual gear type that you will use in the table below. Only include gear that will hold organisms to be cultured (e.g. Polar circles, marine algae longline, oyster cages).

| Specific Gear<br>Type<br>(e.g. soft mesh<br>bag) | Dimensions (e.g. 16"x20"x2") | Time of year<br>gear will be<br>deployed<br>(e.g. Spring,<br>Winter, etc.) | Maximum amount of this gear type that will be deployed on the site (i.e. 200 cages, 100 lantern nets, etc.) | Species that will be grown using this gear type |
|--|------------------------------|--|---|---|
| Mussel Rafts                                     | 40'x20'                      | Year-Round   | 6   | Mussels,<br>Sea Scallops,<br>Sugar kelp         |
| 30' Nets   | 30'x60                       | All Year   | Around all of the rafts.  | Mussel seed                                     |
| Mussel Rope                                      | 30' droppers                 | All Year   | 2,600   | Mussel  |
|  |                              |  |   |   |
|  |                              |  |   |   |

#### B. Maximum Structure and Mooring System Schematic

**Directions:** Include drawings of your maximum gear layout. Include units referenced (i.e. 10in, 10ft, etc.).

- 1. Overhead View. Please include the following and label as "Overhead View":
  - Maximum layout of gear, including moorings.
  - Length and width of project.
  - Approximate spacing between gear.
  - Lease boundaries and the location of proposed corner markers and any additional gear markers that would be present.

Please see Page22 for Overhead View.

- 2. <u>Cross-Section View.</u> Please include the following and label as "Cross-Section View":
  - 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.
  - Depth of gear in relation to the water's surface at mean low water and mean high water (if applicable).

**Note:** Please include an additional Cross Section View, depicting the elements listed below, if there will be seasonal changes to gear layout (i.e. over wintering). Please see Pages 23 for Cross-Section Views of the raft and mooring structure.

#### **C.** On-Site Support Structures

| 1. Describe structures such as barges, sheds, etc., to be located on-site. Provide a schematic and indicate the dimensions, including height above sea level, materials, etc. |
|---|
| Only Mussel Rafts will be located on-site.  |
|   |
| 2. Describe the storage and use of oil, gasoline or other hazardous materials on this   |

facility. If petroleum products are to be stored on site, provide a spill prevention plan.

Use of gas and oil is restricted to closed containers. No storage on site.

#### D. Gear Color

| Provide the color of the gear and structures proposed to be used at the lease site. |
|---|
| The gear will be gray , brown , and black.  |
|   |
|   |
|   |
| E. Equipment Layout   |

Provide schematic or photographic renderings of the generalized layout of the equipment as depicted from two vantage points on the water. Provide the locations of the two vantage points. Please see Page 24 and Page 25

#### F. Marking

| Will you be able to mark your site in accordance with DMR regulations, Chapter 2.80?  Yes □ No |
|--|
| If you answered no, explain why and suggest alternate markings.                                |
| N/A  |
|  |
|  |
|  |

**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: 1<sup>st</sup> Coast Guard District, Aids to Navigation Office ((617)-223-3293).

#### 8. PRODUCTION ACTIVITIES

*Directions:* If you are cultivating more than one species, you will need to provide information for <u>each</u> species. Please attach additional pages if needed.

**A.** Please explain your proposed seeding activities. What months will seeding occur and how often will you be onsite to seed during this time.

Seeding takes place all year round. We take the seed that grows on our lines that is not harvest size and reseed it. We are also open to purchsing seed from other Maine Mussel Farms.

**B.** Please explain your proposed tending/maintentance activities.

Daily harvesting and re-seeding of mussel crop.

Weekly observational tending will include looking for structural weakness on the rafts. Monthly dives of the mooring lines and mooring blocks.

As needed we will check and clean predator nets around rafts.

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

Will visit the raft at least once a week physically to harvest, re-seed and/or check on Mussel crop. For constant observation, we will be attaching a cellular camera with remote view capabilities.

**D.** Describe the harvesting techniques you will use. If you plan on using a drag, please provide the dimension

We pull our mussel ropes onto the harvest barges and run them through our processing equipment.

| <b>E.</b> How often will you be at the site during harvesting periods?  |  |
|---|--|
| 2-4 Times per week.   |  |
|   |  |
| <b>F.</b> Will gear be on the site year-round?  Yes □ No  |  |
|   |  |
| <b>G.</b> If no, please 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 removed from the site. |  |
|   |  |
| 9. NOISE AND LIGHT  Directions: If a question does not pertain to your proposed operations, please write "not applicable" or "N/A."   |  |
| <b>A.</b> What type of boats will be used on the site? When and how often will these vessels be on site?  |  |
| We have a small 16' boat for monitoring and a 32' harvesting boat. These boats will be used almost daily depending on the jobs for the day on the farm.   |  |

| <b>B.</b> What type of powered equipment (e.g. generator, power washer, grading equipment, barges, etc.) will be used on the site? When and how often will the equipment be used?  |
|--|
| One gasoline (gallon gas tank) power pack that runs the declumper and seed grader, inspection belt, debysser, and net reel. All of this equipment is located on our mobile, NON powered harvest barge that will be moored in Clarks Cove. This harvest barge will be moved with a boat when needed on site. A gasoline power washer and a gasoline generator will be used as needed. |
|  |
| C. Specify how you intend to reduce noise levels from the boats and other powered equipment.   |
| Very little noise made currently from processing barge. We intend to convert to a renewable electric power source once we have the capital.  |
|  |
|  |
|  |
| <b>D.</b> Provide the number, type (whether fixtures are shielded), wattage and location of lights, other than those used for navigation or marking, that will be used at the proposed lease site.   |
| N/A  |
|  |
|  |
| E. Indicate under what circumstances you might work at your site beyond daylight hours.  |
| If we were to get a large harvest order.   |
|  |
|  |
|  |
|  |
|  |

#### 10. 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.

Have been testing this site for 5 years. We are currently producing about 20,000lbs of blue mussels with one small raft. We have created a demand for this product unique the is geographical location.

**B.** What are your plans for any existing leases and/or Limited Purpose Aquaculture (LPA) licenses if the lease is granted? Will any existing leases and/or LPA licenses be relinquished if the lease is granted? If so, please indicate which ones.

Will relinquish my current 2 LPAs (Shaw114, Shaw214)

#### 11. ENVIRONMENTAL CHARACTERIZATION

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

| A. What are the approximate depths at mean low water?         |
|---|
| Approximately 45'   |
|   |
|   |
|   |
|   |
| <b>B.</b> What are the approximate depths at mean high water? |
| Approximately 55'   |

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

The ebb is approximately 15 cm/s traveling in a southerly direction. The flow is approximately 17cm/s traveling in a northerly direction.

| <b>D.</b> 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.)?   |
| Muddy with some outcroppings of ledge.   |
| 2. Describe the bottom topography (flat, steep rough, etc.).   |
| Muddy and rocky. Fairly flat.  |
| <b>3.</b> 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?                |
| Abundant with Lobsters, Crabs, Blue Mussels. Rare to see Sea Scallops.   |
| <b>4.</b> Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.   |
| No.  |

| 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. |
|--|
| None.  |
| <b>6.</b> Describe the general shoreline and upland characteristics (rocky shoreline, forested, residential, etc.)   |
| Rocky shoreline, forested.   |
|  |
| <b>E.</b> 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: <a href="https://www.maine.gov/ifw/fish-wildlife/endangered-threatened-species/essential-wildlife-habitat/index.html">https://www.maine.gov/ifw/fish-wildlife/endangered-threatened-species/essential-wildlife-habitat/index.html</a>

*If a project is located within an Essential Habitat,* applicants are strongly encouraged to contact the MDIFW Environmental Review Coordinator (<u>John.Perry@maine.gov</u>, phone: 207-287-5254) prior to application submission.

#### 12. EXISTING USES

| 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 the activity occurs; c) frequency; and d) proximity to the lease site. |
|---|
| 1. Commercial Fishing   |
| Summer Seasonal Lobster fishing and Winter overwintering of oysters. Daily activity when in season.   |
| 2. Recreational Fishing   |
| No.   |
| <b>3</b> . Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water).  |
| Summer time Lobster fishermen in the near by deep hole. Aproximately 1/2 mile to the nearest Navigable channel.   |
| 4. Riparian Ingress/Egress  |
| No.   |
| 5. Other uses (kayaking, swimming, etc.):   |
| Kayaking.   |
|   |
| <b>B.</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.                             |
| One private dock on peter's Island approximately 800' away from operation. This is located on far side of Island and we will not impede us in any way.  |

| C. Are there public beaches, parks, docking facilities or federally, state, or municipally conserved lands within 1,000 feet of the proposed lease site? If yes, please describe and include approximate distances from proposed lease.   |
|---|
| No  |
| 13. 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. |
| N/A   |
|   |

#### 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), the following supporting documents are required:
  - 1. A <u>labeled</u> 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

R Will your access to the lease area be across riparian land?

Please see Page 26 Tax Map: Town of South Bristol.

- 2. Please use the <u>Riparian Landowner List</u> (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.
- 3. If any portion of the site is intertidal, you need to complete the steps outlined in the section titled: "19. Landowner/Municipal Permission Requirements".

| <b>b.</b> Will your access to the lease area be across riparian rand:  |  |  |
|--|--|--|
| N. N.  |  |  |
| Yes No   |  |  |
| <b>Note:</b> If you selected yes, you will need to complete the landowner permission requirements included in "19. Landowner/Municipal Permission Requirements" of this application. |  |  |
| C. How will you access the proposed site?  |  |  |
| Through Clark's Cove pier. Please see Page 27 for permission of land-use letter.   |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| <b>D.</b> How will your proposed activities affect riparian ingress and egress?  |  |  |
| It will not affect riparian ingress and egress.  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

#### RIPARIAN LANDOWNER LIST

#### \*THIS LIST MUST BE CERTIFIED\*

On this list, please show the current landowners' names and mailing addresses as listed in the municipal tax records for all riparian shorefront parcels within 1,000 feet of the proposed lease site along with the map and lot number for each parcel. 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 the parcels are within more than one municipality, provide a separate, certified riparian list for each numicipality.

TOWN OF: South Bristol

| MAP# | LOT# | Landowner name(s) and address(es)                                       |
|------|------|---|
| 26   | 03   | Lama Childrens Trust II 1385 State Route 129 South Bristol, ME 04568    |
| 26   | 08   | Robinson, John<br>1329 State route 129<br>South Bristol, ME 04568       |
| 26   | 02   | Sproul Robert A + Signid<br>Robert Soft ME OUS 43                       |
| 26   | 04   | Lama Thomas R + Susan &<br>1385 State Rt 129<br>South Bristol, ME 04568 |
| N/A  | N/A  | N/A   |
|      |      | alla er signin odrazanno ner (ling kod)                                 |
| N/A  | N/A  | N/A   |

Please use additional sheets if necessary and attach hereto.

#### CERTIFICATION

I. Breuda Battell Town Clerk for the Town of South Busto 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: Bunda Bartlett DATE: 8/24/2020



#### 15. TECHNICAL CAPABILITY

| Provide information regarding professional expertise. Attaching resume or documentation of |
|--|
| practical experience necessary to accomplish the proposed project would satisfy this       |
| requirement.   |

Dillon Shaw has worked and/or apprenticed with three of Maine's largest mussel farmers to learn the operation Pemaquid Mussel Farm, Blue Hill Mussels, and Bangs Island Mussels. Please see Page 28 for a personal resume. Completed the Shared Waters Course please see Page 29 certification.

#### 16. FINANCIAL CAPABILITY

#### A. Financial Capability

Please provide documentation to show you have the financial resources to implement the proposal. For example, you may submit a letter from a financial institution or funding agency indicating that you have an account in good standing, or their willingness to commit funds.

**Note:** Any financial information you submit with your application is part of the public record. Please exercise discretion when submitting financial information.

Please see page 30 for Bank letter.

#### **B.** Cost Estimates

| Please provide cost estimates of the proposed aquaculture activities. |
|---|
| \$100,000.00  |
|   |
|   |
|   |
|   |

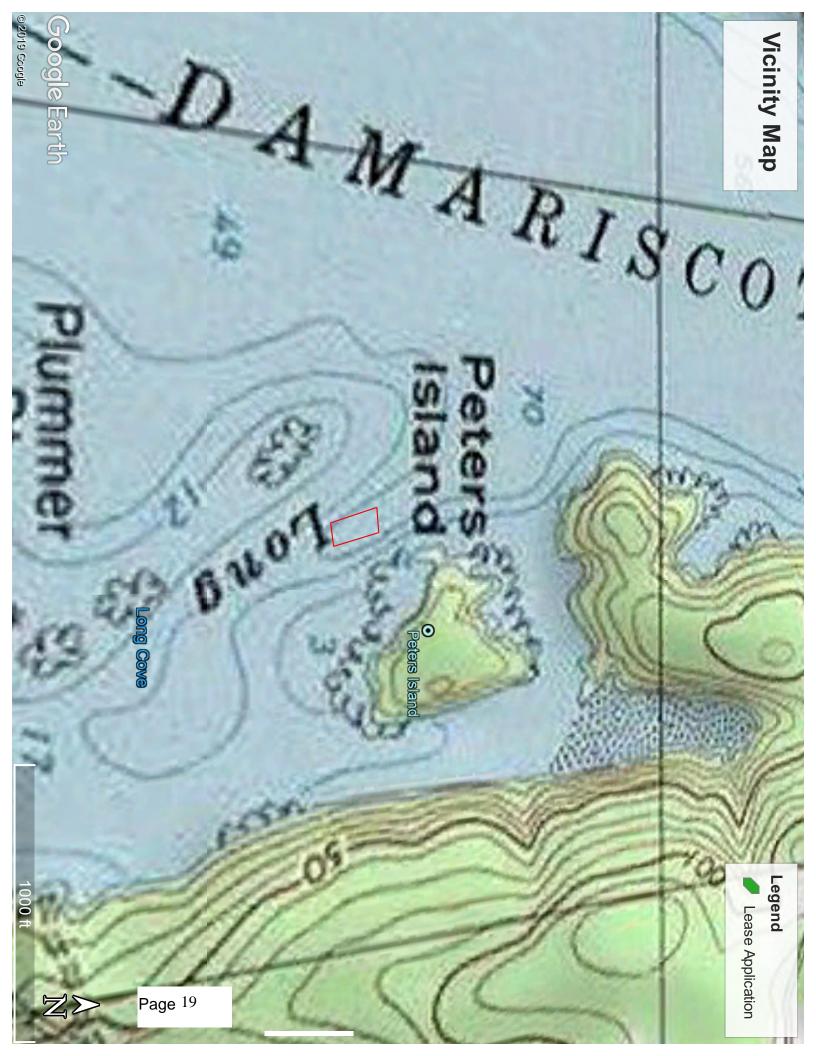
#### 17. ESCROW ACCOUNT OR PERFORMANCE BOND

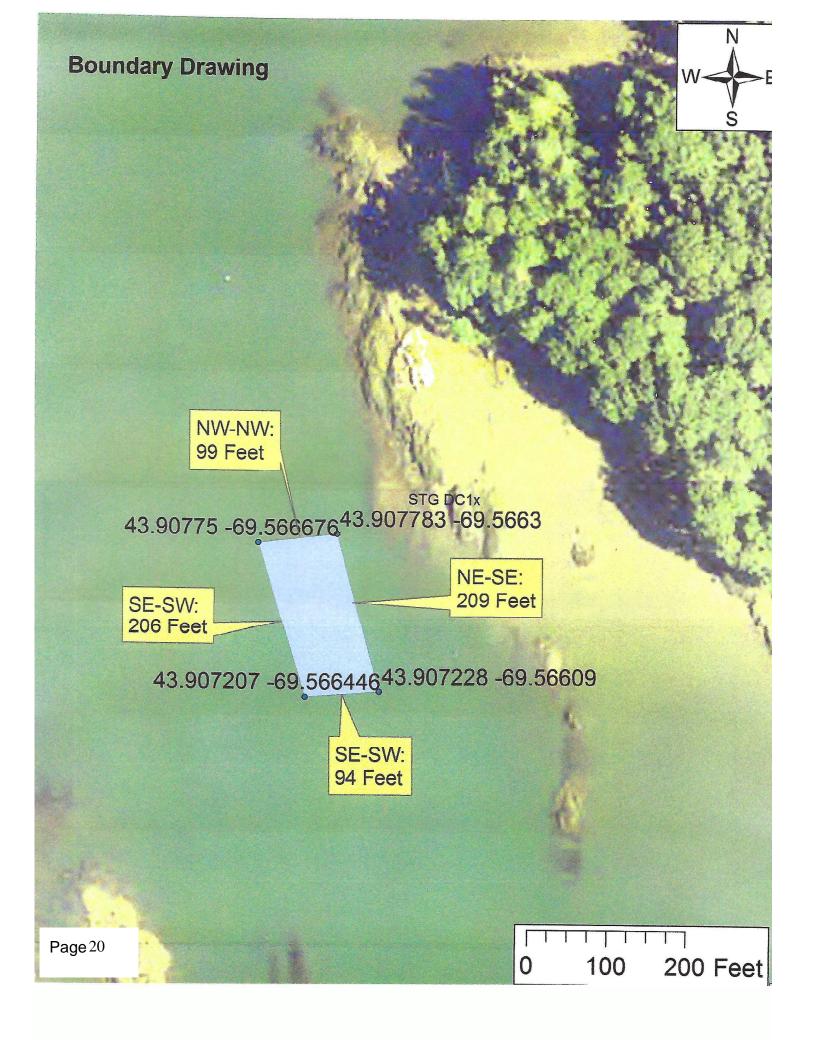
Check the category that describes your operation:

| Check<br>Here | Lease Category                                    | Amount of Required Escrow or Performance Bond |
|---------------|---|---|
|               | No gear/structure, no discharge                   | None  |
|               | No gear/structure, discharge                      | \$500.00                                      |
|               | ≤ 400 square feet of gear/structure, no discharge | \$1,500.00                                    |
| <b>\</b>      | >400 square feet of gear/structure, no discharge  | \$5,000.00*                                   |
|               | Gear/Structure, discharge                         | \$25,000.00                                   |

<sup>\*</sup>DMR may increase the bond/escrow requirements for leases with more than 2,000 square feet of structure

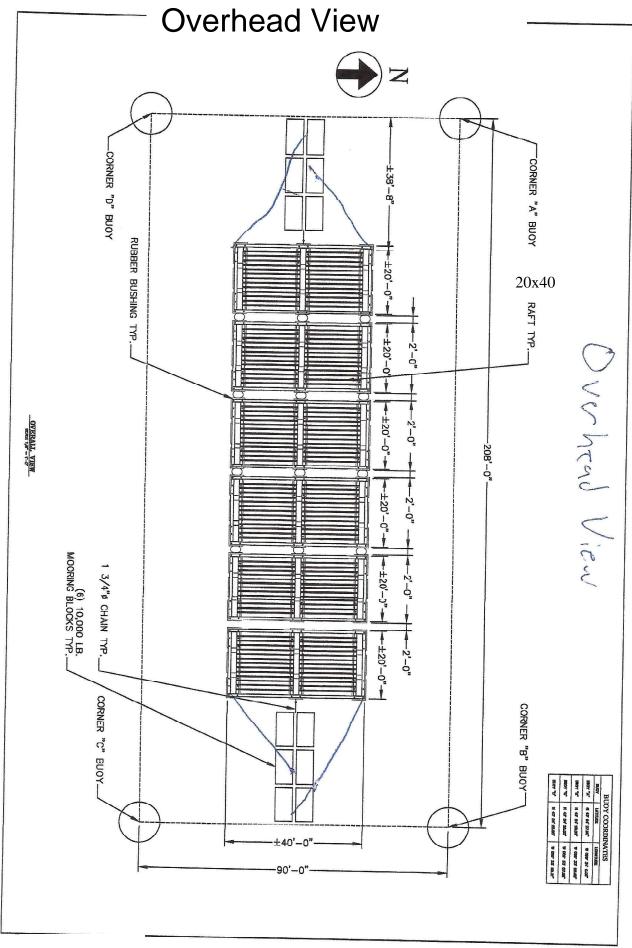
| Divik may increase the bond/escrow requirements for leases with   | more than 2,000 square feet of structure. |
|---|---|
| I, (printed name of applicant) Dillon Ernest Shaw Regulations Chapter 2.64(10) (D) and if this proposed leads open an escrow account or obtain a performance bond, is category.   | ease is granted by DMR, I will either     |
|   | 1/24/2020                                 |
| Applicant Signature   | Date                                      |
| <i>Note:</i> Add title if signing on behalf of a corporate applicant.   |   |
| <b>ADDITIONAL APPLICANTS:</b> Each applicant must sopen an escrow account or obtain a performance bond. It persons listed on the application. You may attach additional accounts of the application of the application of the application of the application. | Use the space below for additional        |
| I, (printed name of applicant) Dillon Shaw  | have read DMR Aquaculture                 |
| Regulations Chapter 2.64(10) (D) and if this proposed le open an <u>escrow account</u> or obtain a <u>performance bond</u> , i category.  | ease is granted by DMR, I will either     |
|   | 1/24/2020                                 |
| Applicant Signature   | Date                                      |
| <i>Note:</i> Add title if signing on behalf of a corporate applicant.   |   |





## **Coordinate Discription**

43°54'27.90"N 69°34'0.03"W NW Corner 43°54'28.02"N 69°33'58.68"W NE Corner 43°54'26.02"N 69°33'57.92"W SE Corner 43°54'25.95"N 69°33'59.21"W SW Corner



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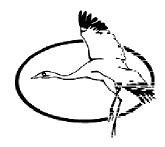
# **Cross Section View** OCEAN FLOOR- $\pm 45 ^{\rm L}_{ m O''}$ (MEAN ${ m Low}$ Water) Mooring scope 2-1 80' 1' 3/4 Chain RUBBER BUSHING TYP.— 20'X40'RAFT TYP.— WW **₩** HELICAL ANCHOR TYP. (6) 10,000 LB. MOORING BLOCKS TYP. W 35'-40' DROPPED LINES & PRED. NETS. Cross Sections View 1 3/4" O CHAIN TYP. CROSS-SECTIONAL VIEW -±20'-0"-W W W

Page 23

## **Equipment Layout Water-level View**



Page 26



**Clarks Cove Enterprises** 

319 Clarks Cove Road Walpole, ME 04573 207.563.7121

January 27 2020

Dear DMR,

This letter is to confirm that Dewey's Shellfish LLC (Dillon Shaw) has our permission to gain access through our property and wharf to his fishing boat and equipment.

Rebecca H Eugley Property Manager

### **Dillon Shaw**

712 Eastern Ave. Augusta ME 04330 207-242-8357 | deweys.shellfish@gmail.com

#### **Career Objectives:**

- To scale-up Dewey's Shellfish to a full-scale, profitable, mussel aquaculture business.
- To perfect design of a lower-cost, aquaculture raft for mussels, obtain multiple
   Aquaculture leases in Maine, and sell our product throughout New England and beyond.
- To modify the design for other aquaculture needs, such as oysters, scallops, or seaweed.

#### Education

**Husson University** 

**B.S.** in Biology

2013

**Specialized coursework:** Biology, Marine Biology, General and Organic Chemistry, Environmental Science, Calculus I & II, Shellfish Husbandry

Senior Project: Feasibility of Utilizing Eastern Hemlock as the Primary Structural Material for a Blue Mussel (Mytilius edulis) Aquaculture Raft.

#### **Work History**

#### Dewey's Shellfish, President

2013-present

Responsible for all aspects of this startup mussel aquaculture company including business development, marketing, fundraising through grants and private investment, daily operation of mussel growing business, and raft design and building.

#### Blue Hill Bay Mussels, Apprentice

2014-2018

Worked directly with Evan Young, company founder/owner, to learn all aspects of the farming operation including seeding, bio-fouling management, and harvest.

#### Bangs Island Mussel Farm, Volunteer Apprentice

2015

Learned all aspects of mussel aquiculture through working directly with Mathew Morretti.

#### Pemaquid Mussel Farm, Apprentice

2012

Assisted founder Carter Newell with harvesting, seeding, and day-to-day tasks.

### Shaw & Son Outdoor Maintenance, Organic Lawn Care Manager

1999-present

Responsibilities include business development, customer relations, scheduling, and managing the application crews.

#### **Conference Presentations:**

2017 Northeast Aquaculture Conference & Exposition, Providence RI January 11-13, 2017 Feasibility of Utilizing Eastern Hemlock as the Primary Structural Material for a Blue Mussel (Mytilius edulis) Aquaculture Raft.

#### References:

Excellent personal and professional references available on request.





150 State Street | P.O. Box 50 | Augusta, Maine 04332 | Telephone: (207) 622-5801

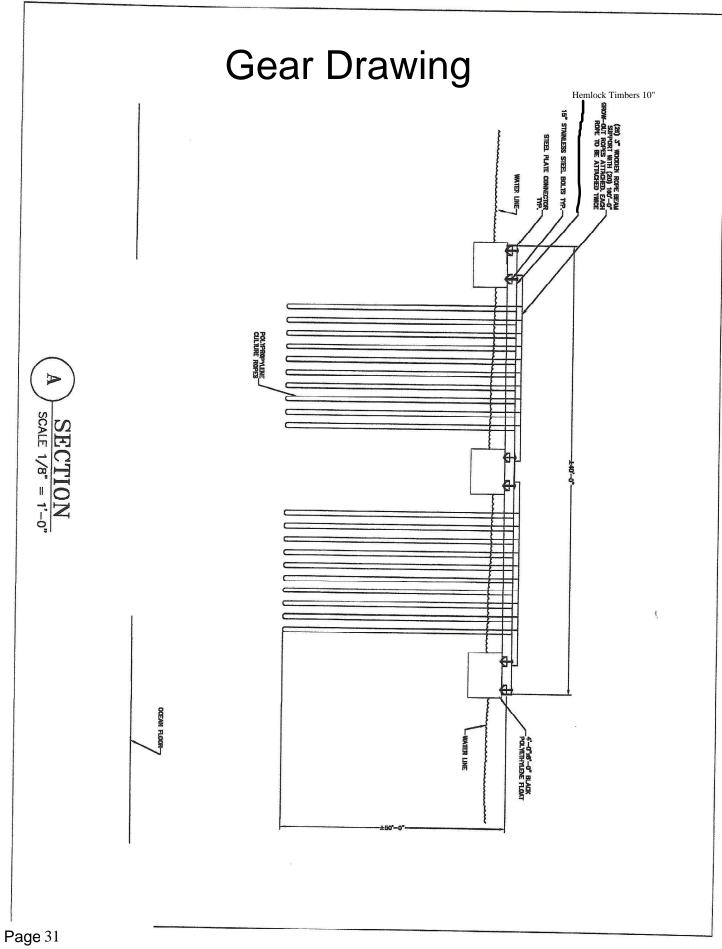
To whom it may concern,

Buanna Merius

This is to verify that as on January 27, 2020 Dillon Shaw, Dewey's Shellfish LLC, holds an account with Kennebec Savings Bank and is in good standing.

Thank you,

Brianna Merrill



#### MAINE LIMITED LIABILITY COMPANY

STATE OF MAINE

#### CERTIFICATE OF FORMATION

File No. 20174398DC Pages 2 Fee Paid \$ 175 DCN 2170752260021 DLLC ---FILED---03/16/2017 Deputy Secretary of State A True Copy When Attested By Signature

|               | Deputy Secretary of State   |  |  |  |
|---------------|---|--|--|--|
| Pursuant to 3 | MRSA §1531, the undersigned executes and delivers the following Certificate of Formation:   |  |  |  |
| FIRST:        | The name of the limited liability company is:   |  |  |  |
|               | Dewey's Shellfish     C   |  |  |  |
|               | A limited liability company name must contain the words "limited liability company" or "limited company" or the abbreviation L.L.C.," "L.C." or "L.C." or "LC" or, in the case of a low-profit limited liability company, "L3C" or "I3c" – see 31 MRSA 1508.)   |  |  |  |
| SECOND:       | Filing Date: (select one)   |  |  |  |
|               | Date of this filing; or Later effective date (specified here)   |  |  |  |
| THIRD:        | Designation as a low profit LLC (Check only if applicable):   |  |  |  |
|               | This is a low-profit limited liability company pursuant to 31 MRSA §1611 meeting all qualifications set forth here:   |  |  |  |
|               | A. The company intends to qualify as a low-profit limited liability company;  |  |  |  |
|               | B. The company must at all times significantly further the accomplishment of one or more of the charitable or educational purposes within the meaning of Section 170(c)(2)(B) of the Internal Revenue Code of 1986, as it may be amended, revised or succeeded, and must list the specific charitable or educational purposes the company will further; |  |  |  |
|               | C. No significant purpose of the company is the production of income or the appreciation of property.<br>The fact that a person produces significant income or capital appreciation is not, in the absence of other factors, conclusive evidence of a significant purpose involving the production of income or the appreciation of property; and       |  |  |  |
| đ             | D. No purpose of the company is to accomplish one or more political or legislative purpose within the meaning of Section 170(c)(2)(D) of the Internal Revenue Code of 1986, or its successor.   |  |  |  |
| FOURTH:       | Designation as a professional LLC (Check only if applicable):   |  |  |  |
|               | This is a professional limited liability company* formed pursuant to 13 MRSA Chapter 22-A to provide the following professional services:   |  |  |  |
| ×             | (Type of professional services)   |  |  |  |
| Form No. MLL  |   |  |  |  |

| FIFTH:                        | The Reg                            | ristered Agent is a: (select either a Cor   | nmercial or Noncommercial Registered Agent)                            |  |  |
|-------------------------------|------------------------------------|---|--|--|--|
|                               |                                    | Commercial Registered Agent   | CRA Public Number:   |  |  |
|                               |                                    | (Name of  | commercial registered agent)   |  |  |
|                               | V                                  | Noncommercial Registered Agent  |  |  |  |
|                               |                                    | Dillon Shaw   |  |  |  |
|                               |                                    | (Name of noncommercial registered agent)  |  |  |  |
|                               |                                    | 712 Eastern ave. Augus  | sta, ME 04330  |  |  |
|                               |                                    | (physical location, ne  | ot P.O. Box - street, city, state and zip code)                        |  |  |
|                               |                                    | (mailing  | g address if different from above)                                     |  |  |
| SIXTH:                        | Pursuant<br>for this lin           | to 5 MRSA §105.2, the registered nited liability company.                                       | agent listed above has consented to serve as the registered agen       |  |  |
| SEVENTH:                      | Other mat                          | ters the members determine to include a   | are set forth in the attached Exhibit, and made a part hereof.         |  |  |
|                               |                                    |   |  |  |  |
| **Authorized                  | person(s)                          |   | Dated 2/9/2017   |  |  |
|                               | D.S.                               | han   | Dillon Shaw  |  |  |
|                               | (Sig                               | nature of authorized person)  | (Type or print name of authorized person)                              |  |  |
|                               | (Sig                               | nature of authorized person)  | (Type or print name of authorized person)                              |  |  |
|                               |                                    |   |  |  |  |
| *Examples of veterinarians. ( | professional s<br>This is not an i | service limited liability companies are inclusive list – see 13 MRSA §723.7)                    | accountants, attorneys, chiropractors, dentists, registered nurses and |  |  |
| **Pursuant to 3               | 1 MRSA §167                        | 76.1.A, Certificate of Formation MUST   | be signed by at least one authorized person.                           |  |  |
| The execution of              | of this certifica                  | te constitutes an oath or affirmation und   | der the penalties of false swearing under 17-A MRSA §453.              |  |  |
|                               |                                    | de payable to the Maine Secretary of S  | •  |  |  |
| Submit complet                | ed form to:                        | Secretary of State Division of Corporations, UCC 101 State House Station Augusta, ME 04333-0101 |  |  |  |
|                               |                                    | Telephone Inquiries: (207) 624-   | 7752 Email Inquiries: CEC Corporations@Maina cov.                      |  |  |

Form No. MLLC-6 (2 of 2) Rev. 10/31/2012



#### 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 <u>A. Corporate</u> <u>Applicant</u>. Partnerships must submit information as requested under <u>B. Partnership Applicant</u>.

#### 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:   | Dewey's Shellfish | LLC                       |       |
|---------------------------|-------------------|---------------------------|-------|
| 1                         | •                 |                           |       |
| 2. Date of incorporation: | 3/16/2017         | State of incorporation: M | 1aine |

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

| Name               | Address                        | Title          |
|--------------------|--------------------------------|----------------|
| Dillon Ernest Shaw | 712 Eastern Ave                | President      |
| Joseph Lajoie      | 248 Pond Road Sidney, ME 04330 | Vice President |
| N/A                | N/A                            | N/A            |
| N/A                | N/A                            | N/A            |

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

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

| Name | Address |  |
|------|---------|--|
| N/A  | N/A     |  |

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<br>Owned Stock |
|--------------------|--------------------------------------|------------------------------|
| Dillon Ernest Shaw | 712 Eastern Avenue Augusta, ME 04330 | 66%                          |
| Joesph Lajoie      | 248 Pond Road Sidney, ME 04330       | 34%                          |
| N/A                | N/A                                  | N/A                          |
| N/A                | N/A                                  | N/A                          |

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<br>Acronym | Acreage |
|------|---------|------------------|---------|
| N/A  | N/A     | N/A              | N/A     |
| N/A  | N/A     | N/A              | N/A     |
| N/A  | N/A     | N/A              | N/A     |
| N/A  | N/A     | N/A              | N/A     |

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.  |