

STANDARD LEASE APPLICATION: NON-DISCHARGE

1. APPLICANT CONTACT INFORMATION

Applicant	Timothy M. Johnson		
Contact Person	Timothy M. Johnson		
Address	452 Woodside Rd.		
City	Brunswick		
State, Zip	ME, 04011		
County	Cumberland		
Telephone	2075047115		
Email	littlefiddles@gmail.com		
Type of Application	<input checked="" type="checkbox"/> Draft Application [submitted before scoping session session] <input checked="" type="checkbox"/> Final Application [submitted after scoping session]		
Dates	Pre-Application Mtg: 4/16/2020 5/1/2020	Draft Application Submitted: 8/12/2020	Scoping Session: 12/7/2020

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	Brunswick, ME and Harpswell, ME
Waterbody	Middle Bay
General Description (e.g. south of B Island)	Southeast of Barnes Pt. Brunswick
Lease Information	
Total acreage requested (100-acre maximum)	Approximately 17 acres
Lease term requested (20-year maximum)	20 year
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)
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: "19. Landowner/Municipal Permission Requirements".

3. WATER QUALITY

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

Pollution Area (e.g. "19-A"):	17-A
Pollution Area Section (e.g. "B.2" or "none"):	none
Water Quality Classification (e.g. approved, restricted, etc.):	Open 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 your 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 the source of seed stock, juveniles, and/or smolts	Maximum number (or biomass) of organisms you anticipate on the site at any given time
1. American Oyster Crassostrea virginica	MIDD CI, Nursery Lease site	6 Million
2. Quahog Mercenaria mercenaria	Same as above	6 Million
3.		
4.		
5.		

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 you plans at the following email: DMRPUBLICHealthDiv@maine.gov

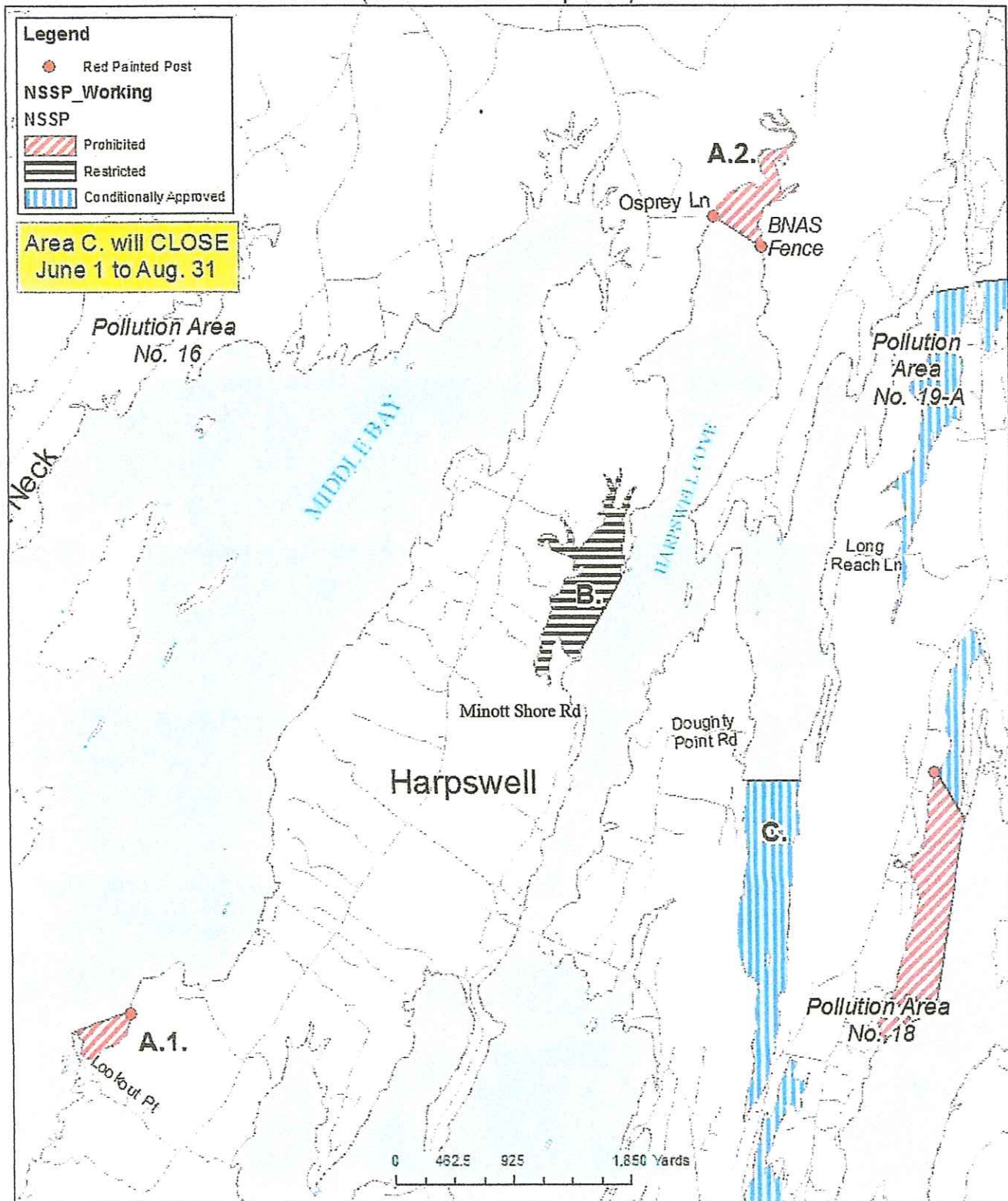
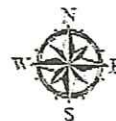
Note: If you are proposing to grow molluscan shellfish, this application also serves as your written operational plan as required in the National Shellfish Sanitation Program (NSSP) Model Ordinance Chapter 2 and must be maintained in your files. If you wish to submit an operational plan separate from this application, please contact: DMRPUBLICHealthDiv@maine.gov

April 17, 2019



Maine Department of Marine Resources

Pollution Area No. 17-A
Upper Harpswell Neck and Long Reach
(Brunswick and Harpswell)



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

6. BOUNDARY DRAWING

Note: Please label as: 'Boundary Drawing'.

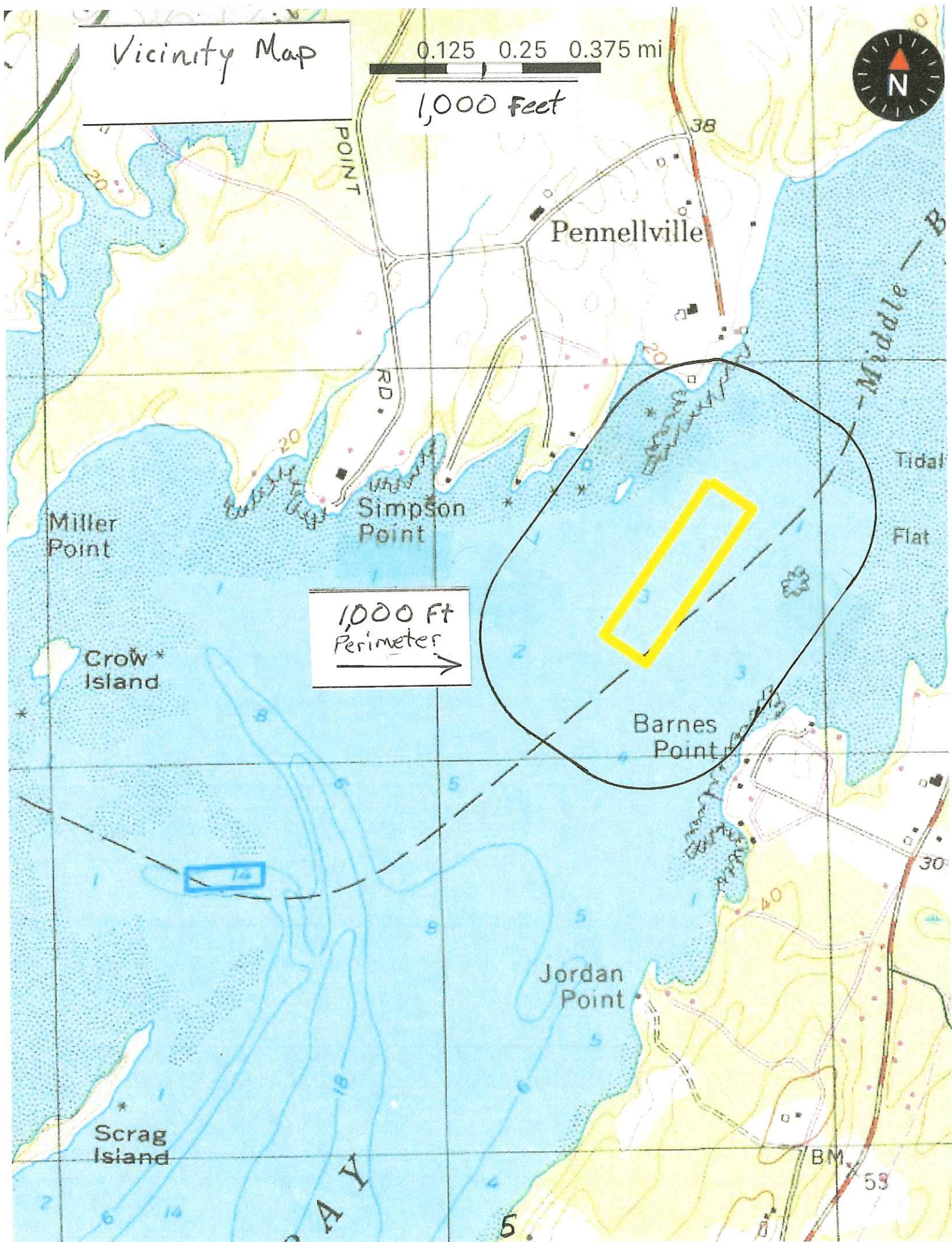
Directions: Depict the boundaries of the proposed lease site. Provide a drawing with all corners, directions, and distances labeled. Provide coordinates for each corner as follows:

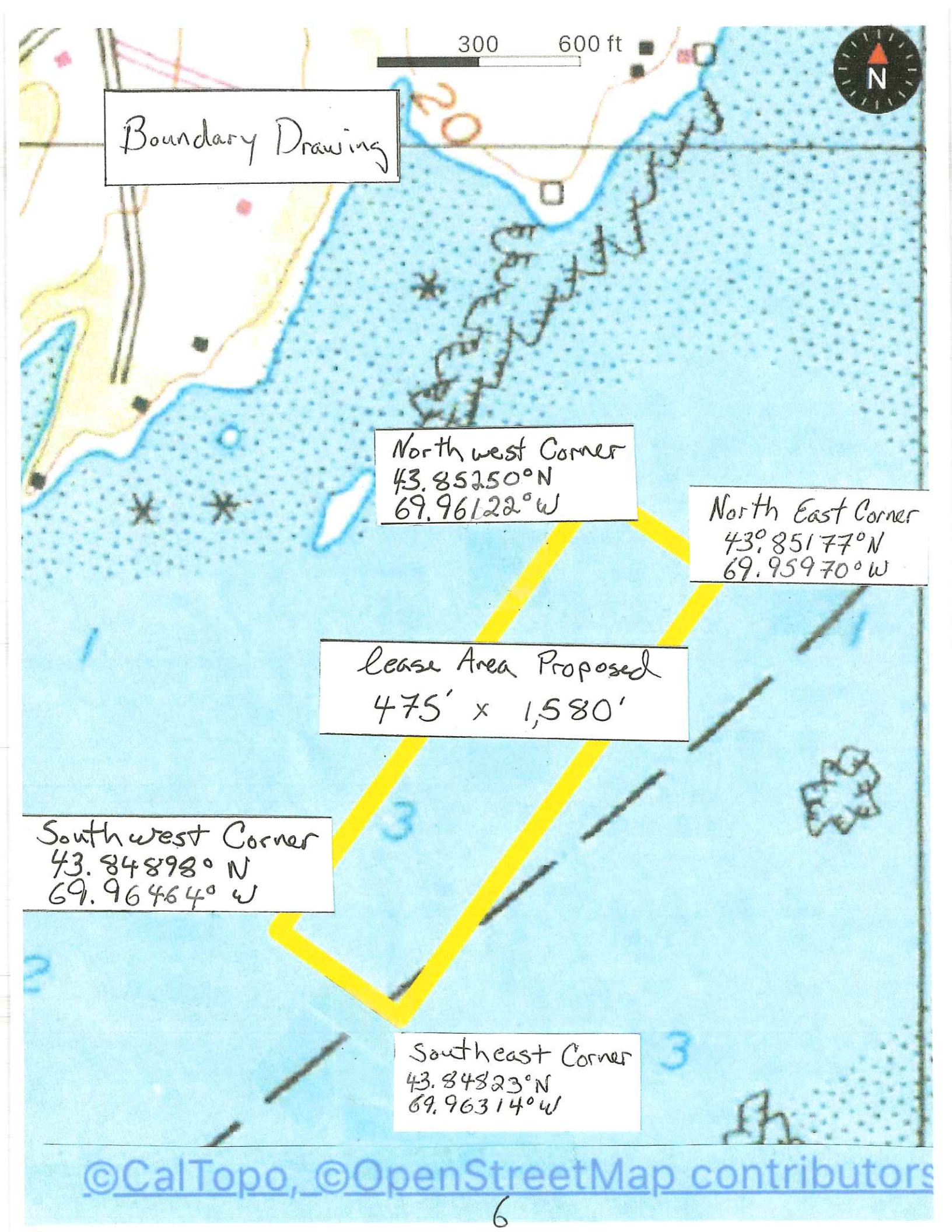
- Coordinate Description
Provide geographic coordinates for each corner of the lease site in latitude and longitude as accurately as possible (e.g., to the nearest second or fraction of a second). Identify the datum from the map, chart, or GPS unit used to develop these coordinates. The datum will be shown on the map or chart you are using. The Coordinate Description may be provided separately from the Boundary Drawing.

Vicinity Map

0.125 0.25 0.375 mi

1,000 Feet





Boundary Drawing

North west Corner
 43.85250°N
 69.96122°W

North East Corner
 43.85177°N
 69.95970°W

Lease Area Proposed
 $475' \times 1,580'$

South west Corner
 43.84898°N
 69.96464°W

South east Corner
 43.84823°N
 69.96314°W

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 be 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. Gear Drawing: 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.
2. Gear Table: List and describe each individual gear type that you will use in the table below. (e.g. Polar circles, marine algae longline, oyster cages, moorings, mooring lines, buoys, etc.).

Specific Gear Type (e.g. soft mesh bag)	Dimensions (e.g. 16"x20"x2")	Time of year gear will be deployed (e.g. Spring, 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
N/A no structures				

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.
2. Cross-Section View. 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).

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.
N/A
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.
N/A

D. Gear Color

Provide the color of the gear and structures proposed to be used at the lease site.
N/A

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.

F. Marking

Will you be able to mark your site in accordance with DMR regulations, Chapter 2.80? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If you answered no, explain why and suggest alternate markings.
Four corner markers plus any additional markers as required

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 ((617)-223-3293).

8. PRODUCTION ACTIVITIES

Directions: If you are cultivating more than one species, you will need to provide information for each 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.

American oysters will be seeded in the Fall starting in September and finishing in November. Float bags containing seed oysters will be taken from the rope gear at my nursery lease site MIDD CI and cast loose on bottom within the proposed lease site. For this operation, I will generally use my 22 ft wooden skiff, transporting 50 float bags, totaling 25 thousand seed oysters per skiff load. In order to distribute the oysters evenly and avoid mixing of year classes, the seeding will involve temporarily marking a half acre area with corner buoys and casting the seed within the marked area. Each skiff load of seed will take about 30 minutes to cast to bottom. 2 or 3 skiff loads may be seeded per day. All the temporary markers will be removed from the lease site each day. A total of 20-30 skiff loads of seed will be cast to bottom each year, requiring approximately 15 days of seeding activity.

Quahogs will be seeded in July. They will be removed from nursery trays at the nursery site MIDD CI. The seed quahogs will be cast loose on the bottom in the proposed lease site. Seeding will require 1 to 2 days.

B. Please explain your proposed tending/maintenance activities.

There will be no tending or maintenance

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

N/A

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

American oysters will be harvested with a light drag 36" or less in width. Quahogs will be harvested with hand rake or bull rake.

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

Oyster harvesting will take place 12 months a year, unless the site is covered with ice during the winter. Oysters will be harvested with a light drag designed to pick up oysters and disturb the sediment as little as possible. I tow the drag using a 15 hp Honda 4 stroke outboard motor on medium low throttle. The actual time spent towing the drag will be about one hour per harvest day. The time on site will be about 4 hours per harvest day. There will generally be 1 or 2 harvest days per week, with a maximum of 6 hours a day on site.

Quahogs will be harvested at low tide during May through December, approximately 4 hours per day, using a hand rake or bull rake.

F. Will gear be on the site year-round? ☐ Yes ☒ No

G. 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.

N/A- once shell stock is placed on bottom it will remain until harvest. No gear.

H. Please provide details on any predator control techniques you plan to employ, including the use of bird deterrents. Will you use commercially available or custom equipment? If commercially available equipment, please include the brand and model names. If custom equipment, please attach a detailed schematic that includes the dimensions, materials, and function of the equipment.

None

9. NOISE AND LIGHT

Directions: If a question does not pertain to your proposed operations, please write “not applicable” or “N/A.”

A. What type of boats will be used on the site? When and how often will these vessels be on the site?

-22' fiberglass Seaway with cabin 90hp Honda 4 stroke
-22' open wooden skiff 30hp Honda 4 stroke

Generally one boat will be on site during harvest

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?

No other equipment will be on site for harvest. Just harvest boat and drag or hand rake for quahogs.

C. Specify how you intend to reduce noise levels from the boats and other powered equipment.

Operating with 4 stroke out boards will reduce noise and air pollution to low levels. No other equipment. The drag will be lifted with 12 volt electric hauler. Batteries will be maintained with photo voltaic panels.

D. 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.

None

E. Indicate under what circumstances you might work at your site beyond daylight hours.

Only when absolutely necessary when weather conditions favor working early before daylight. I may arrive early, before light, in order to harvest quahogs on an early tide or to drag for oysters early if the weather forecast is to deteriorate during the day. The only lights used will be a small head lamp and navigation lights.

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, including the acronyms of all active leases and/or licenses.

Midd CI- 2.64 acre standard lease for nursery rearing of American oysters and quahogs. This nursery lease site is located approximately ½ mile southwest of proposed bottom lease. Midd CI includes up to 1600 individual float bags for rearing seed oysters and two 20'x20' rafts with overhead photovoltaic panels. The rafts function as work space for sorting seed oysters, support oyster upweller, and sediment trays for quahog seed. The photovoltaic panels power all sorting upweller and water pumping operations.

John 715- LPA- winter storage of one 20'x20' raft

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.

I intend to continue maintaining the 2.64 acre nursery site (Midd CI) and over-wintering LPA (John 715)

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?

At mean low tide, the north end of proposed area depth is 3 feet, south end 7 feet.

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

12ft, 15ft

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

Approximately 1ft/sec north northeast flow and 1ft/sec south southwest ebb

D. The following questions (D.1 through D.6) may be answered in writing or by submitting a video. If you plan to submit a video, please contact the Department prior to video collection.

1. What are the bottom characteristics (mud, sand, gravel, rock, ledge or some mix, etc.)?

Mostly mud (some shell)
No ledge, rock or gravel

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

Flat, very gradual grade of 3 to 4 feet over 1,500 ft. of north-south length of area

<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>I have observed very limited plant or animal species within the proposed lease site. Some sea lettuce, horseshoe crabs, hermit crabs and green crabs. I have found a small number of quahogs in the mud near the north end of the proposed lease area. There are also cultchless American oysters which I seeded in order to determine site suitability.</p>
<p>4. Are there shellfish beds or fish migration routes in the surrounding area? If so, please describe.</p>
<p>To the west and northeast of the proposed lease area are tidal mudflats with soft shell clams and quahogs which are harvested during low tide. Abundance of clams and quahogs varies from year to year. Menhaden, striped bass, bluefish and mackerel are often in the area during the summer.</p>
<p>5. Describe the presence and extent of submerged aquatic vegetation, i.e. eelgrass, within the proposed lease area. Please include the date of this observation along with the method of observation. If submerged aquatic vegetation is observed, please also describe the abundance below and sketch the limits of the beds in the vicinity map.</p>
<p>I have checked the proposed lease area for eelgrass in summer months on 3 occasions, all during low tide. (In 2017, in 2018 and most recently in June 2020). I observed a few small areas with eel grass near the northern end of the proposed lease site. There were approximately 4 clumps which were 1-2 feet in diameter.</p>
<p>6. Describe the general shoreline and upland characteristics (rocky shoreline, forested, residential, etc.)</p>
<p>To the Northwest is Barnes Pt., Brunswick rocky shore, houses, fields and woods. To the Southeast Barnes Pt., Harpswell is rocky shore, trees and houses.</p>

<p>E. Is your proposed lease located within a Maine Department of Inland Fisheries and Wildlife designated Essential Habitat?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

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.

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
a.) Seining for pogies b.). June-Oct. c.). during open periods, not often as this area becomes shallow during lowtide. D.) Near or in proposed area I have not observed any shellfish harvesting in the proposed lease area. The nearest shellfish harvesting is approximately 1000 feet north on the intertidal flats where diggers harvest quahogs and steamers.
2. Recreational Fishing
a.) Recreational fishing for striped bass, bluefish and mackerel b.) June- October. c.) occasionally. d.). within or near proposed area
3. Boating Activities (please also include the distance to any navigable channel(s) from your proposed site at low water).
This area sees heavy boat use during Brunswick Naval Air Station shows. The air shows in the past have attracted dozens of boats which anchor in or near the proposed lease area during the weekend of the show. Boaters are welcome to anchor in the lease area at any time. I anticipate no impact on air show anchoring. Other times during the summer, the area has light boat use. The lease will not impact any boating in the area.
4. Riparian Ingress/Egress
This proposed area will not hinder riparian Ingress/ Egress
5. Other uses (kayaking, swimming, etc.):
This area is frequently used by kayaks and other recreational boaters during summer. Boaters and swimmers mostly start from Simpson's pt. only during summer.

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 the proposed lease.
There is one mooring 145 ft. west towards the Brunswick shore. There are 4 moorings 300-500 feet east towards the Harpswell shore. There is a public access point about 1000 ft. north of the proposed lease site at Barnes Pt. in Brunswick.

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.

Any dragging, hand raking or bull raking will be excluded within the lease site. Hand picking of oysters or quahogs within the lease site will also be excluded.

There will be no restrictions on boating, fishing, seining, lobstering, swimming, paddle Boarding, anchoring or any other recreational use.

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 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.
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. 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 "19. Landowner/Municipal Permission Requirements" of this application.

C. How will you access the proposed site?

By boat from Mere pt. boat launch.

D. How will your proposed activities affect riparian ingress and egress?

Not at all



JANET T. MILLS
GOVERNOR

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

PATRICK C. KELHER
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: Brunswick

MAP #	LOT #	Landowner name(s) and address(es)
33	9	257 Pennellville rd Brunswick, ME 04011 Maxwell and Charlotte Barus
33	10	287 Pennellville rd Brunswick, ME 04011 Phyllis Truesdell, Truesdell Family Trust
32	5	222 Pennellville rd, Brunswick ME 04011 Pennellville Shipyard LLC
32	45	Joseph Fallon P.O. Box 85 Topsfield, MA 01983
32	4	Brenda Costello 17 Pennell Point drive Ruby MacDonald Brunswick ME 04011
32	11c	Martin Gimnes 17 ocean view drive Brunswick ME 04011
32	11d	Lillian Reitman 47 ocean view dr Estate of Jonathan Reitman Brunswick, ME 04011
32	37	R Scott Bidwell 55 ocean dr Brunswick ME Sheila Bodwell 04011
32	12	Eliza Anderson, Orrin Anderson 223 Huntley rd Jeannette Wallace Westford VT 05494

MAP #	LOT #	Landowner name(s) and address(es)
32	35	Richard Stark Jr. 918 Baxter Blvd Portland, ME 04103
32	14	James & Kimberly Bodwell 59 Ocean drive Brunswick, ME 04011
32	15	Charles & Jeri Holmes 511 East main St Middletown, MD 21769

Please use additional sheets if necessary and attach hereto.

CERTIFICATION

I, Angela Bradstreet ^{Assessor} ~~Town Clerk~~ for the Town of Brunswick, 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: Angela Bradstreet DATE: 10-28-2020





1 inch = 543 Feet

CAI Technologies
Precision Mapping Geographical Sources

August 4, 2020



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

Town of BRUNSWICK Maine



Legend

- Parcels_Lines
- - - Town Boundary
- - - Other Lot Boundary
- Other Road
- ROW Property Access

Parcels - Roads and Water

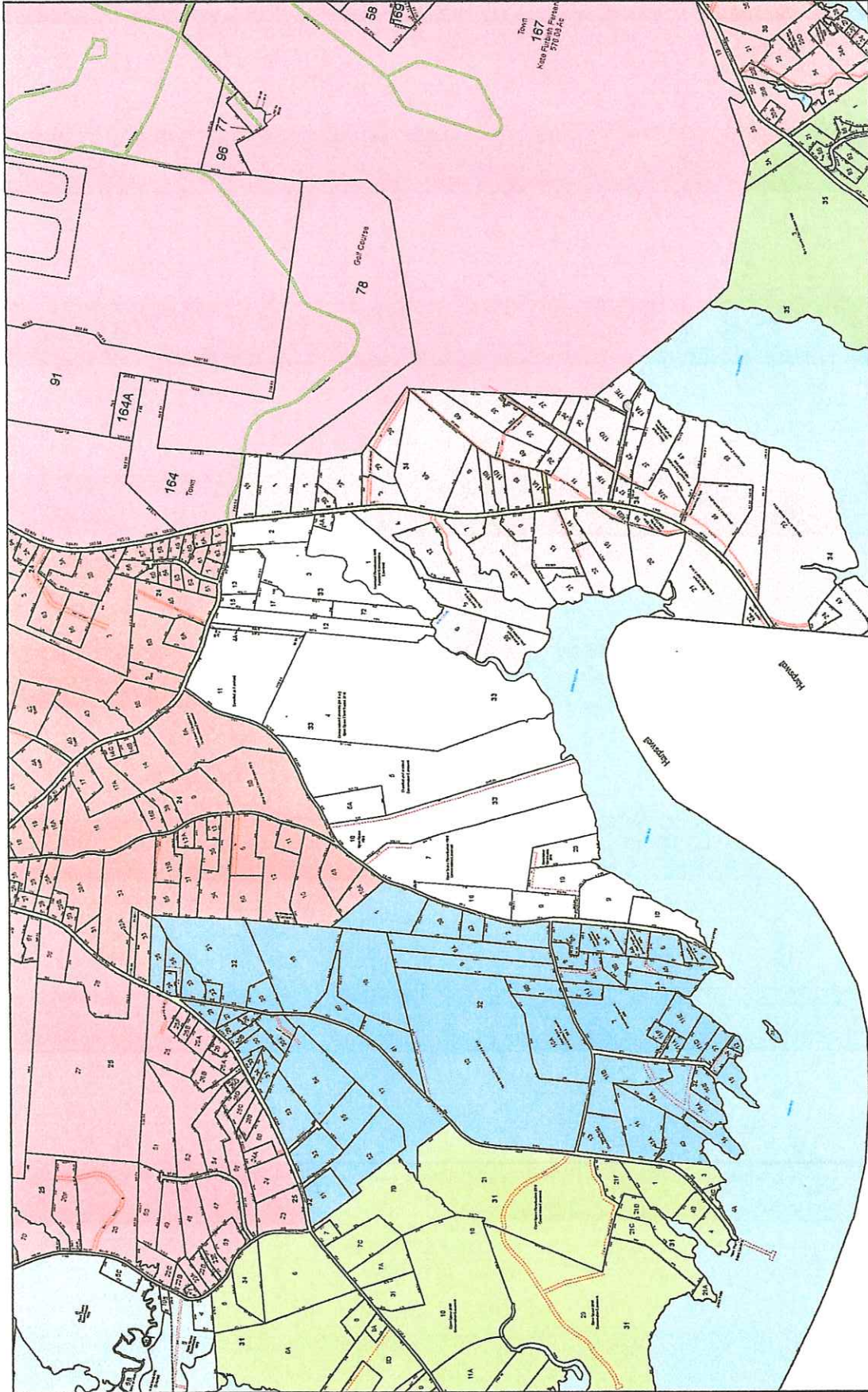
- Public Road
- Private Road
- Right of Way
- Water



Revised To: April 1, 2020
1 inch = 1,150 feet

SHEET

33



Disclaimer:
The information is provided as a reasonably accurate point of reference, but is not guaranteed and is not to be used for conveyances. The Town of Brunswick shall not be held responsible for the accuracy or misuse of this data.
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Maps Prepared by: The Town of Brunswick



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: Harpswell

MAP #	LOT #	Landowner name(s) and address(es)
2	028	Ann D Tuddenham 66 Barnes Pt rd Harpswell ME 04079
2	030	Dennis Denio 60 Barnes Pt. rd Regina Schaar - Denio Harpswell ME 04079
2	032	Thomas J, Mary ELLEN STypinski 54 Barnes Pt rd Harpswell ME 04079
2	036	Gail J Langer 50 Walini way Harpswell ME 04079
2	038	Joan M Haley 4948 SW 2nd Place Richard A Haley Cape Coral, FL 33914
2	039	Robert L Coombs 37 Walini way Josephine F Coombs Harpswell, ME 04079
2	040	Christopher E, Endsley 12203 Big Canoe Joseph Endsley Big Canoe GA 30143
2	042	Tyler C Sarna 33 Wines hill rd Susan M Sarna Durham ME 04222
1	001	Lorraine S Lowell 2019 Prestancia lane Liberty Farm Trust Sun City FL 33573
1	002	Harpswell of Winter Park LLC 2885 Temple Trail Winter Park FL 32789
1	004	Harpswell Heritage Trust PO. Box 359 Harpswell, ME 04079

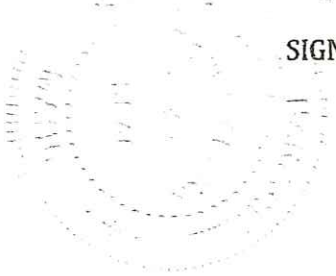
MAP #	LOT #	Landowner name(s) and address(es)

Please use additional sheets if necessary and attach hereto.

CERTIFICATION

I, Rosalind Knight Town Clerk for the Town of Harpersville, 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: Rosalind Knight DATE: 10-28-20

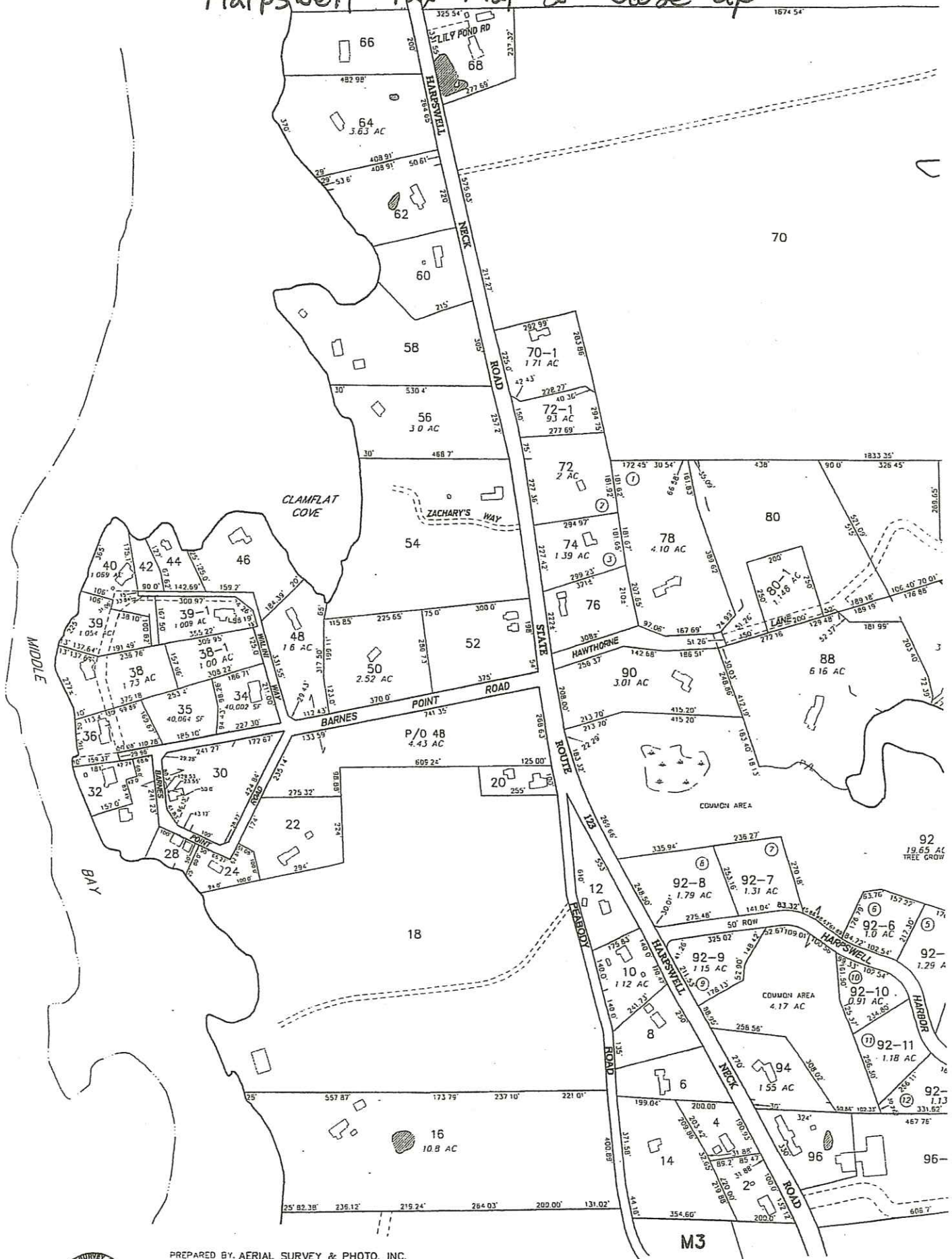


PREPARED BY AERIAL SURVEY & PHOTO, INC.
 1000 WEST ST., HARPSWELL, MAINE
 (207) 834-2000
 BASED ON PHOTOGRAPHY DATED 05-07-98
 NOTE: This map was prepared for the purpose of showing the location of the parcels shown. It is not to be used for any other purpose. The owner of the land is responsible for the accuracy of the information shown on this map.

LEGEND:
 PARCEL NUMBER 388
 PARCEL AREA 2,000 AC
 SUBDIVISION LOT NO.
 BUILDING
 DRAINAGE
 STATE HIGHWAY / TOWN ROAD / PRIVATE WAY

TOWN OF HARPSWELL
 CLIMBESLAND COUNTY, MAINE
 SCALE 1"=500' APRIL 1, 2000

Harpiswell Tax Map 2 Close up

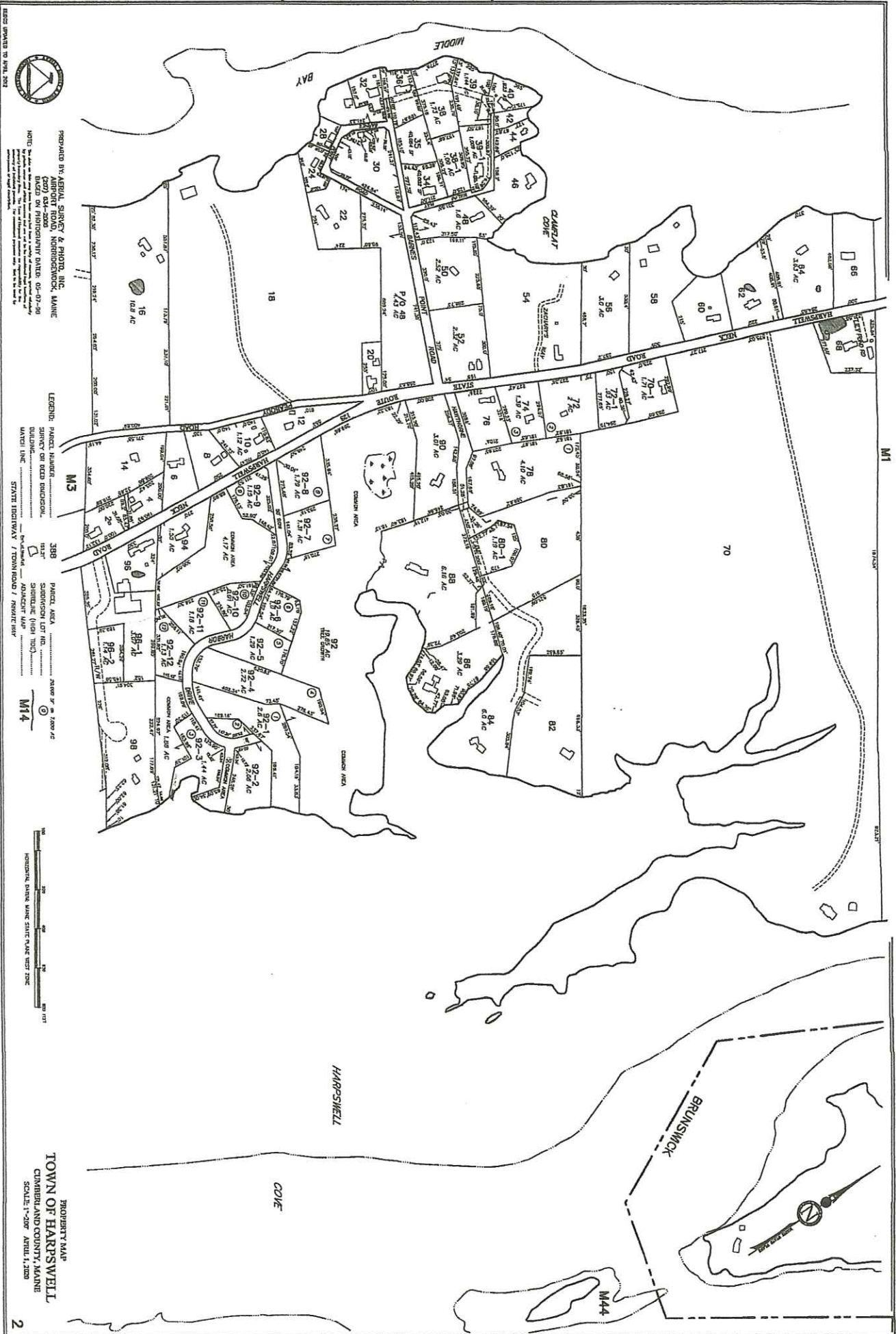


PREPARED BY: AERIAL SURVEY & PHOTO, INC.
 AIRPORT ROAD, NORRIDGEWOCK, MAINE
 (207) 634-2006
 BASED ON PHOTOGRAPHY DATED: 05-07-96

NOTE: The data on this map have been compiled from a variety of sources, granted voluntarily by private owner and official sources and are not to be considered legal evidence of property boundary lines. The Town of Harpiswell assumes no responsibility for the accuracy of individual parcels. For assessment purposes only. Not to be used for conveyances or legal description.

LEGEND: PARCEL NUMBER 388
 SURVEY OR DEED DIVISION 161.21
 BUILDING
 MATCH LINE
 STATE HIGHWAY / TOWN ROAD / PRIVATE WAY

Harpsewell Tax Map 2



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.

BS in Mechanical Engineering from University of Maine, Orno, 1990
PADI dive certified, December 1986, #87117856
Brunswick Maine Commercial Shellfish License 1982-present

Practical experience: Commercial diving for Belon oysters in Harpswell 1987, commercial diving for sea urchins on Maine coast 1989-98, ground fishing in Dutch Harbor Alaska 1988, Sampling Herring Fishery for Alaska Dep. of Fish & Game 1989, hatchery worker at Mook Sea Farms in Damariscotta 1991, designed and built four 18' skiffs and a 22' skiff, operated LPAs and experimental lease 2013- present.

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.

See attached letter from Atlantic Regional

B. Cost Estimates

Please provide cost estimates of the proposed aquaculture activities.

Primary costs are seed purchase (8-20 thousand dollars per year), fuel and boat maintenance (\$5,000- \$10,000/ year) , and lease fees (\$1,964/year), labor (about \$10,000/year) for a total of \$42,000 annually.



Federal Credit Union

August 7, 2020

To Whom it may Concern,

This letter is to verify that Timothy Johnson has an open account with Atlantic Federal Credit Union in good standing. If you have any questions, please call us at 800.834.0432.

Thank you,

Atlantic Federal Credit Union

800.834.0432

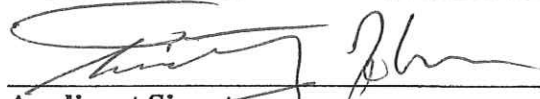
17. ESCROW ACCOUNT OR PERFORMANCE BOND

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	\$500.00
<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 square feet of structure.

I, (printed name of applicant) Timothe Johnson have read DMR Aquaculture Regulations Chapter 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, in the amount determined by the lease category.


Applicant Signature

1-28-2021
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 Chapter 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, in the amount determined by the lease category.

Applicant Signature

Date

Note: Add title if signing on behalf of a corporate applicant.

18. 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 standard lease process.

Printed name: Timothy Johnson

Title (if corporate applicant): owner

Signature:  Date: 1-28-2021

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: _____

19. LANDOWNER/MUNCIPAL PERMISSION REQUIREMENTS (if applicable)

Directions: If any portion of the site is intertidal, you need to complete the steps outlined below.

Step I: Obtain written permission from all intertidal landowners.

Pursuant to DMR Regulations Chapter 2.10(3)(G) the Department requires *written permission of every owner of intertidal land in, on, or over which the 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.

Does the municipality, where the proposed site is located, have a shellfish conservation program? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

N/A. This proposed lease site is subtidal.