

Figure 1: Vicinity map¹

<u>Location</u>: Northeast of Great Chebeague Island, Casco Bay, Chebeague Island, Cumberland County, Maine

<u>Purpose</u>: Experimental lease for the suspended culture of sugar kelp (*Saccharina latissima*), skinny kelp (*Saccharina angustissima*), winged kelp (*Alaria esculenta*), horsetail kelp (*Laminaria digitata*), shotgun kelp (*Agarum cribosum*), dulse (*Palmaria palmata*), Irish moss (*Chondrus crispus*), nori/laver (*Porphyra sp.*), *Gracilaria tikvahiae*, and sea lettuce (*Ulva lactuca*)

Site Review: Flora Drury and Cheyenne Adams

Report Preparation: Cheyenne Adams and Marcy Nelson

Report Submitted: July 19, 2022

¹All figures in this report were created in ArcMap version 10.8 using digitized NOAA Nautical Charts or georeferenced aerial photographs provided by The Maine Office of GIS (orthoCoastalCascoBay2018).

On March 23, 2022 Maine Department of Marine Resources (MDMR) staff Flora Drury and Cheyenne Adams visited the proposed experimental aquaculture lease. MDMR staff arrived on site at 3:15 pm; the tide was in the late flood stage.

The applicant, Beth Putnam, is requesting 3.86² acres to the northeast of Great Chebeague Island, in Casco Bay, for the suspended culture of marine algae. The applicant proposes up to 10 suspended longlines, deployed 7 feet below the surface of the water. One section of the application states that longlines will be approximately 1,100 feet in length,³ and another section appears to show the longlines slightly less than 1,000 feet in length.⁴ As illustrated in the "Position and Distance to Shore" Section of this report below, the proposed lease area is approximately 998.75 feet long on the eastern boundary and 1,004.61 feet long on the western boundary. Therefore, the proposed length of longlines may not fit within the proposed site dimensions. Longlines and depth compensator buoys will be removed from the water June 1 — October 14, annually; 20 moorings (either 800-lb pyramid anchors or 2,000-lb blocks), 20 associated mooring buoys (A3 and A4 poly balls), and the required marker buoys will remain on site year-round.⁵

General Characteristics

The proposed lease occupies subtidal waters near the northeastern shoreline of Great Chebeague Island, Casco Bay (Figure 1). The nearby shoreline is primarily sand with sections of ledge, and the uplands host several residential houses and associated structures (Image 1). Uninhabited islands and Harpswell are to the east of the proposal (Image 2).

² The application states 3.9 acres but DMR calculations, based on the coordinates provided, indicate the proposal is 3.86 acres

³ Application, page 15

⁴ Application, page 22

⁵ Application, page 6 and page 15



Image 1: Facing north toward the proposal from ~500 feet south of the proposal (March 23, 2022).



Image 2: Facing northeast from \sim 500 feet south of the proposal (March 23, 2022).



Image 3: Facing southeast from ~500 feet south of the proposal (March 23, 2022).



Image 4: Facing southwest from ~500 feet south of the proposal (March 23, 2022).

Depth

At the time of the Department's site assessment, depths at the corners of the proposed lease site ranged from 50.2 feet to 54.5 feet, as measured with a transom-mounted depth sounder. MDMR staff observed the depths of the proposed lease site at approximately 3:15 pm, nearly high tide. Correcting for tidal variation derives water depths between 50.3 and 54.6 feet at the nearest high water, and water depths between 41.3 and 45.6 at mean low water (MLW, 0.0').

Table 1: Tide predictions at Chebeague Point, Great Chebeague Island (43.7667° N, 70.1000° W)⁶

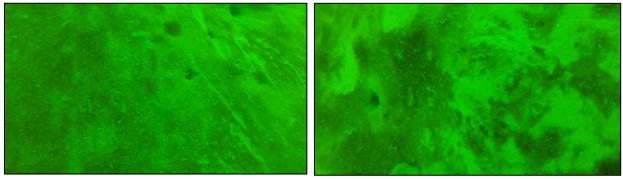
| Date | Time | Height (ft) |
|-----------|---------|-------------|
| 3/23/2022 | 9:24 AM | -0.52 L |
| 3/23/2022 | 3:43 PM | 8.99 H |
| 3/23/2022 | 9:37 PM | 0.49 L |

Bottom Characteristics

MDMR staff observed the bottom characteristics of the site via a drop camera transect on March 23, 2022 (Figure 2). Bottom characteristics were categorized using the Coastal and Marine Ecological Classification Standard (CMECS), a national standard for describing features of the marine environment (Table 2). Sediment information was determined based on visual analysis of the video; no sediment samples were collected, or grain size analysis performed. The section of bottom observed was composed of mud sediment (Images 5 & 6).

Table 2. Bottom characteristics of drop camera transect of proposed site.

| Substrate Origin | Substrate Class | Substrate Subclass | Substrate Group (Subgroup) |
|--------------------|----------------------------------|---------------------------------------|----------------------------|
| Geologic Substrate | Unconsolidated Mineral Substrate | Fine Unconsolidated Mineral Substrate | Mud |



Images 5 & 6: Bottom of proposed lease site (March 23, 2022).

⁶ http://tbone.biol.sc.edu/tide/tideshow.cgi

Position and Distances to Shore

The measuring tool and coordinate geometry (COGO) report tool in ArcMap 10.8 were used to verify the distances and bearings between proposed lease corners. Distances to shore were determined using the measuring tool in ArcMap 10.8, digital orthophotography provided by the Maine Office of GIS, and the application coordinates.

WGS84 Coordinates - 3.86 acres (Figure 2)

| <u>Corner</u> | <u>Latitude</u> | <u>Longitude</u> | |
|---------------|-----------------|------------------|--|
| NW | 43.746596° N | 70.096640° W | then 169.54 feet at 108.27° True to |
| NE | 43.746456° N | 70.096028° W | then 998.75 feet at 204.80° True to |
| SE | 43.743953° N | 70.097568° W | then 169.15 feet at 286.25° True to |
| SW | 43.744077° N | 70.098185° W | then 1,004.61 feet at 24.73° True to NW. |

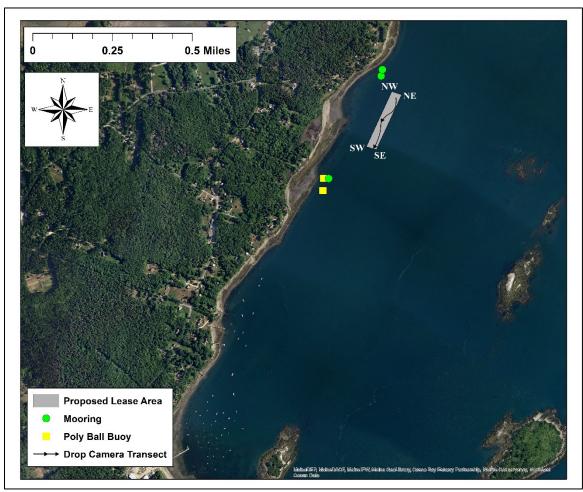


Figure 2: Proposed lease area.

| Table 2: Approximate Distances to Shore (Figures 1 & 2) | | |
|--|------------------------------------|--|
| NW Corner to Nearest Point, Great Chebeague Island (~MLW) | ~490 feet to the northwest | |
| NE Corner to Goose Nest Ledge, nearest point (~MLW) | ~2,140 feet to the southeast | |
| NE-SE Boundary to Red Nun "8" Navigational Buoy (NOAA Chart) | \sim 1,650 feet to the southeast | |
| SE Corner to Goose Nest Ledge, nearest point (~MLW) | ~2,170 feet to the northeast | |
| SW Corner to Nearest Point, Great Chebeague Island (~MLW) | ~490 feet to the northwest | |

The criteria MDMR uses to determine the suitability of an experimental aquaculture operation to a particular area (MDMR Regulations Chapter 2.64(11)(A)) are discussed, with respect to the proposal, below:

(1) Riparian Owners Ingress and Egress

The proposed lease occupies subtidal waters approximately 490 feet from the shoreline of Great Chebeague Island at mean low water. Numerous houses were observed along the nearby shoreline, including approximately five houses directly west of the proposal. At least four of these houses had associated shoreline stairs for water and beach access. Two moorings with winter stick buoys were observed near the shoreline, just over 300 to the northwest of the proposal. An additional mooring buoy and two poly ball buoys were observed over 800 feet to the southwest of the proposal. No vessels were observed on any of these moorings. Finally, there is a mooring field farther southwest along the Great Chebeague Island shoreline, which is discussed in "Section 2: Navigation." The applicant is proposing to deploy longlines from October 15 through June 1 and leave two rows of 10 mooring buoys in place during the offseason. The rows of mooring buoys would run approximately perpendicular to the shoreline, and would be spaced approximately 1,000 feet apart from each other, at a minimum.

In consideration of the observed shoreline stairs and sand beach, landing vessels directly on the shoreline to the west of the proposal may be commonplace. It is expected that the use of nearby moorings and shore landing primarily occurs during the summer season but there may be some overlap with the times that longlines are proposed, particularly in late May and late October. Great Chebeague Island has a ferry terminal on the southern end of the island, but residents may also use private vessels to access the mainland, which could extend the season that moorings are used and shore landing is common.

During the months that longlines are deployed, access to the observed moorings would not be prevented. Based on the depth of the area, according to NOAA Charts, and estimated mooring swing, it's likely that at least 200 feet would remain available for navigation between the proposal and the nearest mooring. However, traditional access routes may be altered, particularly from the south, and use of the mooring may be more cumbersome due to the proximity of deployed aquaculture gear, if the proposal is granted. Access to the shoreline directly west of the proposal would require navigating around the proposed lease area. Vessels that are capable of landing directly on shore are likely capable of maneuvering in the ~490 feet between the proposal and the shoreline, at the nearest point.

During months that only mooring buoys are deployed, traditional access routes to the nearby moorings and shoreline are unlikely to be affected. Although two rows of mooring buoys would remain on site if the lease is granted, they would be approximately perpendicular to the shoreline and riparian landowners could easily navigate around or between them. The distance to the nearest mooring would remain the same, and may still cause some addition burden on the use of that mooring, although use of the mooring is unlikely to be prevented. Although sufficient space (~1,000 feet) would be available between the two rows of mooring buoys for riparian navigation, riparian landowners may choose to avoid the area altogether, if the least is granted, at least until they are familiar with the operations.

(2) Navigation

As mentioned above there is a mooring field southwest of the proposal and near Great Chebeague Island's shoreline. The nearest mooring that appears to be associated with this mooring field is approximately 2,655 feet from the proposal, according to digital orthophotography taken in 2018 and provided by the Maine Office of GIS.⁷ Due to this distance, it is unlikely that the proposed lease would prevent access to the mooring field or interfere with the use of any moorings. However, the presence of the mooring field may result in increased vessel traffic in the area, and mariners travelling to and from the mooring field may be required to alter traditional routes and navigate around the proposed longlines and/or mooring buoys, depending on the season.

Automatic Information System (AIS) data for 2021 show a vessel count of 100-200 between the proposal and the Red Nun "8" navigational buoy, and a vessel count of 60-100 to and from the mooring field to the southwest of the proposal (Figure 3). Additionally, the 2021 AIS data show a vessel count of 20-40 within the proposed lease area. Not all vessels are equipped with AIS data, and therefore smaller recreational and commercial vessels may occur in a greater amount or closer proximity to the lease than is represented by AIS data.

With approximately 490 feet between the proposal and Great Chebeague Island to the west, and approximately 1,650 feet between the proposal and the Red Nun "8" navigational buoy to the east, there is likely sufficient space for vessels to maneuver around the proposal, if it were granted. However, the presence of longlines and/or two rows of mooring buoys may cause some amount of vessel congestion if multiple vessels are attempting to transit the area simultaneously. While vessel traffic is expected to be heaviest during summer months when longlines are removed from the site, there could be some overlap between increased boat traffic and the months that longlines are deployed, particularly late May and late October. Additionally, the two rows of mooring buoys that would remain onsite year-round would be oriented roughly perpendicular to the general flow of traffic as shown by AIS data, which may cause mariners to avoid the entire lease area, if it is granted.

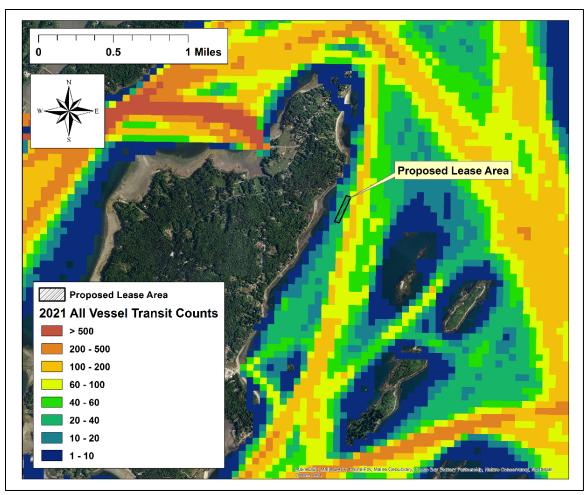


Figure 3. Automatic Identification System (AIS) 2021 vessel count data in the vicinity of the proposed lease.⁸

(3) Fishing and Water-Related Uses

At the time of MDMR's site assessment on March 23, 2022, one fouled lobster-style buoys was observed in the general area. The lobster (*Homarus americanus*) fishery in Maine is seasonal, following the annual migration and molt cycle of lobsters. Therefore, lobster fishing may be more prevalent or in closer proximity to the proposal at other times of the year than when the site visit was conducted. It's possible that lobster traps could be set between the two rows of mooring buoys that would remain onsite year-round, spaced approximately 1,000 feet apart. However, it is unknown if lobster fishermen would be comfortable doing so. If lobster fishing is prevalent in the area during late October or late May, for example, when longlines are deployed, lobster traps would be displaced from the proposed lease area. Finally, the applicant included four letters of support with their application, all of which state that the proposal does not interfere with lobster fishing.

No other signs of commercial fishing were observed, and no commercially important species were seen in the drop camera video.

⁸ https://services.northeastoceandata.org/arcgis1/rest/services/MarineTransportation/MapServer

(4) Other Aquaculture Uses

There are 33 leases, 109 LPA licenses, and 13 pending applications within Casco Bay (Figures 4 & 5, Tables 3 & 4). All of the pending applications shown in Figure 4 and listed in Table 4 were received prior to the application under consideration in this report. The nearest aquaculture site to the proposal is the 1.99 acre lease CAS BA2, which is approximately 5,770 feet to the southeast and approved for the suspended culture of shellfish and marine algae.

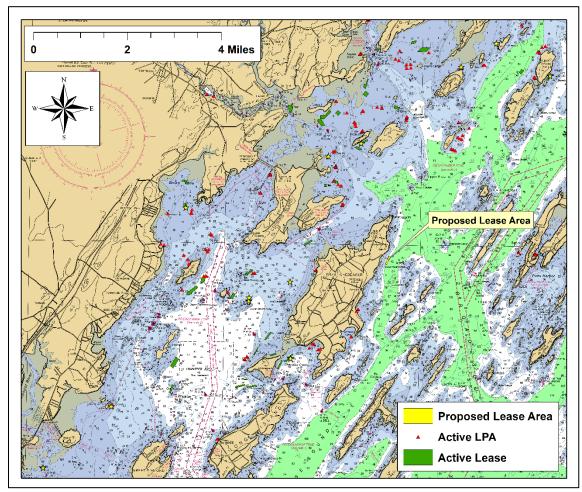


Figure 4: Aquaculture activity in Casco Bay.

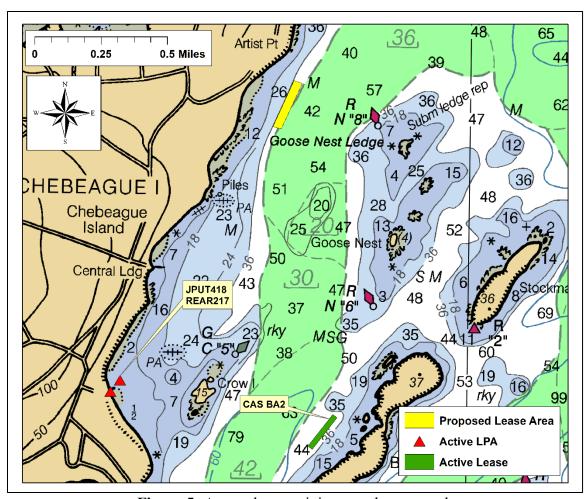


Figure 5: Aquaculture activity near the proposal.

Table 3: Aquaculture sites in Casco Bay.

| Lease/License Acronym | Lease/License Holder | Acreage |
|--------------------------|---------------------------------------|---------|
| CAS BA2 | WILD OCEAN AQUACULTURE, LLC. | 2 |
| CAS LONG | WILD OCEAN AQUACULTURE, LLC. | 1.74 |
| CAS LJIx | WOLFE NECK OYSTER COMPANY, LLC. | 1.93 |
| CAS LCI2 | WILD OCEAN AQUACULTURE, LLC. | 0.86 |
| CAS BASK2 | WILD OCEAN AQUACULTURE, LLC. | 4.01 |
| CAS MIx | BUTTERFIELD, KEITH | 3.55 |
| CAS CHEB2 | WILD OCEAN AQUACULTURE, LLC. | 3.03 |
| CAS CHANX | GREAT LEDGE COVE SEAFOOD, LLC | 3.57 |
| CAS SI | THE MAINE SCALLOP COMPANY, LLC. | 5.36 |
| CAS CIx | OCEANS BALANCE, INC. | 3.93 |
| CAS NLC | CHEBEAGUE ISLAND OYSTER COMPANY, LLC. | 1.96 |
| CAS BC2 | BASKET ISLAND OYSTER COMPANY, LLC. | 3.59 |
| CAS CI2x | HUNT, STEWART | 3.85 |
| CAS LCI3x | GREAT LEDGE COVE SEAFOOD, LLC | 3.73 |
| CAS LCI4x | TRAIN, STEPHEN | 3.98 |
| CAS SI2 | SUMMIT POINT, LLC | 10.37 |

| CAS BC2x | HENNINGER, THOMAS | 2.75 |
|----------------------|---------------------------------------|------|
| CAS CF3 | WILD OCEAN AQUACULTURE, LLC. | 11 |
| CAS LJ2x | HENNINGER, THOMAS | 2.06 |
| CAS ELMx | BUTTERFIELD, KEITH | 3.19 |
| CAS CSHx | HERMIT ISLAND OYSTER COMPANY, LLC | 0.78 |
| CAS LI | MAINE SOURCE SEAFOOD | 3.47 |
| CAS RCx | DIRIGO MARINE RESOURCES, LLC | 2.99 |
| CAS ELC | SHEARWATER VENTURES, LLC. | 3.83 |
| CAS NLC3x | CHEBEAGUE ISLAND OYSTER COMPANY, LLC. | 1.73 |
| CAS INICSX CAS UBLX | STEWART HUNT | 3.94 |
| <u> </u> | | |
| CAS LI2 | MOESER, AMANDA | 8.62 |
| CAS LI3 | WOLFE NECK OYSER COMPANY, LLC | 7.58 |
| CAS RC2 | MAINE OCEAN FARMS, LLC | 9.86 |
| CAS SP | HARRASEEKET OYSTER CO. LLC1 | 4.74 |
| CAS SP2 | LOVE POINT OYSTERS, LLC. | 4.79 |
| CAS CB | LOVE POINT OYSTERS, LLC. | 3.89 |
| CAS LI3 | WOLFE NECK OYSTER COMPANY | 7.64 |
| AGAI121 | Alicia Gaiero | LPA |
| AGAI221 | Alicia Gaiero | LPA |
| AMGA121 | Amy Gaiero | LPA |
| AMGA221 | Amy Gaiero | LPA |
| BBUR120 | Benjamin Burnes | LPA |
| BBUR220 | Benjamin Burnes | LPA |
| BBUR320 | Benjamin Burnes | LPA |
| BCLE117 | Brian Clement | LPA |
| BCOF121 | Bailey Coffin | LPA |
| BCOF221 | Bailey Coffin | LPA |
| BDIC118 | Blake Dickison | LPA |
| BDIC218 | Blake Dickison | LPA |
| BDIC318 | Blake Dickison | LPA |
| BERI117 | Brian Ericson | LPA |
| BERI320 | Brian Ericson | LPA |
| BERI421 | Brian Ericson | LPA |
| BERI521 | Brian Ericson | LPA |
| BHAM320 | Ben Hamilton | LPA |
| BHAM420 | Ben Hamilton | LPA |
| BHAM521 | Ben Hamilton | LPA |
| BHAM621 | Ben Hamilton | LPA |
| BMCK115 | Becky McKinnell | LPA |
| CBAR321 | Cameron Barner | LPA |
| CBLA120 | Carolyn Blackburn | LPA |
| CBLA220 | Carolyn Blackburn | LPA |
| CBLA320 | Carolyn Blackburn | LPA |
| CBLA421 | Carolyn Blackburn | LPA |
| CGAI121 | Carolyn Gaiero | LPA |
| CGAI221 | Carolyn Gaiero | LPA |
| CHGA121 | Chelsea Gaiero | LPA |
| CHGA221 | Chelsea Gaiero | LPA |
| EORA317 | Eric Oransky | LPA |

| GDAW120 | Butch Dawbin | LPA |
|----------|---------------------|-----|
| GDAW220 | Butch Dawbin | LPA |
| GDAW321 | Butch Dawbin | LPA |
| GDAW421 | Butch Dawbin | LPA |
| GRE310 | Mark Green | LPA |
| GWIL221 | Greg Williams | LPA |
| GWIL322 | Greg Williams | LPA |
| GWIL422 | Greg Williams | LPA |
| GWIL522 | Greg Williams | LPA |
| HERR120 | Chris Herreid | LPA |
| HERR220 | Chris Herreid | LPA |
| HHEN319 | Heidi Henninger | LPA |
| HHEN419 | Heidi Henninger | LPA |
| JBRO121 | Jennifer Brown | LPA |
| JBRO221 | Jennifer Brown | LPA |
| JFOR121 | Jacob Forgit | LPA |
| JFOR221 | Jacob Forgit | LPA |
| JFOR321 | Jacob Forgit | LPA |
| OHEI120 | Owen Heil | LPA |
| JPUT116 | Jeff Putnam | LPA |
| JPUT216 | Jeff Putnam | LPA |
| JPUT317 | Jeff Putnam | LPA |
| JPUT418 | Jeff Putnam | LPA |
| JTHO119 | Jonathan Thomas | LPA |
| KCSP219 | Kenneth C. Sparta | LPA |
| KCSP319 | Kenneth C. Sparta | LPA |
| KCSP419 | Kenneth C. Sparta | LPA |
| KISF120 | Kristin Isfeld | LPA |
| KISF220 | Kristin Isfeld | LPA |
| KISF320 | Kristin Isfeld | LPA |
| KISF420 | Kristin Isfeld | LPA |
| KKOE117 | Kyle Koerber | LPA |
| MBRO121 | Mike Brown | LPA |
| MBRO221 | Mike Brown | LPA |
| MODL318 | Matthew Odlin | LPA |
| MODL418 | Matthew Odlin | LPA |
| MODL518 | Matthew Odlin | LPA |
| MODL618 | Matthew Odlin | LPA |
| MTRA118 | Marcia Train | LPA |
| NHEN118 | Nathaniel Henninger | LPA |
| NHEN218 | Nathaniel Henninger | LPA |
| NHEN318 | Nathaniel Henninger | LPA |
| NHEN418 | Nathaniel Henninger | LPA |
| NJOH120 | Nathan Johnson | LPA |
| NJOH220 | Nathan Johnson | LPA |
| NJOH320 | Nathan Johnson | LPA |
| NJOH420 | Nathan Johnson | LPA |
| PSTO1117 | Peter Stocks | LPA |
| PSTO1217 | Peter Stocks | LPA |
| PSTO1317 | Peter Stocks | LPA |

| REAR117 | Robert Earnest | LPA |
|---------|-----------------------|-----|
| REAR217 | Robert Earnest | LPA |
| RKEY118 | Ralph Keyes | LPA |
| RKEY219 | Ralph Keyes | LPA |
| SBER117 | Sean Bergen | LPA |
| SMOL121 | Sam Molloy | LPA |
| THEN118 | Thomas Henninger | LPA |
| THEN418 | Thomas Henninger | LPA |
| TMAR222 | Thomas Martin | LPA |
| TMOL220 | Todd Molloy | LPA |
| TMOL420 | Todd Molloy | LPA |
| TMOL521 | Todd Molloy | LPA |
| TMOL621 | Todd Molloy | LPA |
| TNIC119 | Travis Nickerson | LPA |
| TNIC219 | Travis Nickerson | LPA |
| TNIC319 | Travis Nickerson | LPA |
| TNIC419 | Travis Nickerson | LPA |
| WFER118 | William Ferdinand Jr. | LPA |
| WFER219 | William Ferdinand Jr. | LPA |
| WHIS112 | David Whiston | LPA |
| WHIS213 | David Whiston | LPA |
| WHIS416 | David Whiston | LPA |
| WLEA118 | William Leathers | LPA |
| WLEA218 | William Leathers | LPA |
| ZPET118 | Zachary Pettit | LPA |
| ZPET218 | Zachary Pettit | LPA |
| ZPET318 | Zachary Pettit | LPA |

Table 4: Pending lease applications in Casco Bay received prior to the application considered in this report.

| Application ID | Applicant | |
|----------------|--------------------------|--|
| 2020.07.01 S | Thomas Henninger | |
| 2021.04.23 S | Keith Butterfield | |
| 2021.05.07 S | Stewart Hunt | |
| 2021.05.17 S | Bailey Coffin | |
| 2021.09.09 S | Travis Nickerson | |
| 2021.1.10 S | Great Ledge Cove Seafood | |
| 2022.01.25 E | Summit Point LLC | |
| 2022.01.25 E | Summit Point LLC | |
| 2022.01.27 E | Stuart Ryan | |
| 2022.01.27 E | Thomas Martin | |
| 2022.02.07 E | Restorative Aquaculture | |

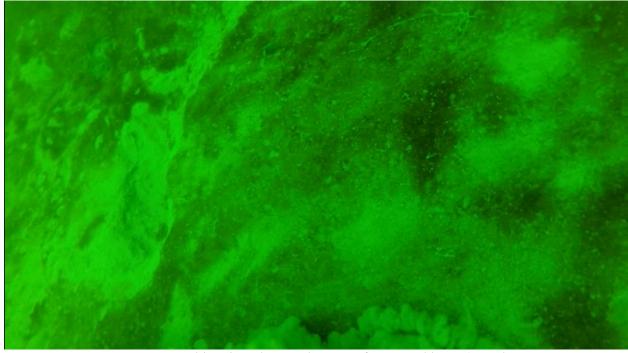
(5) Existing System Support

Epibenthic Flora and Fauna

On March 23, 2022, MDMR staff conducted a drop-camera transect within the proposed site to assess the epibenthic ecology of the area (Figure 2). Species observed include benthic microalgae and drift macroalgae (Images 7 & 8). Species observed and relative abundances are listed in Table 5.

Table 5: Species observed during MDMR drop camera transect on March 23, 2022.

| Species Observed | Abundance |
|---|-----------|
| Burrows | Abundant |
| Benthic microalgae (potentially diatoms) | Abundant |
| Drift rockweek (Ascophyllum nodosum) | Rare |
| Drift sugar kelp (Saccharina latissima) | Rare |
| Miscellaneous macroalgae and plant debris | Rare |



Images 7: Benthic microalgae on bottom of proposed lease (March 23, 2022).

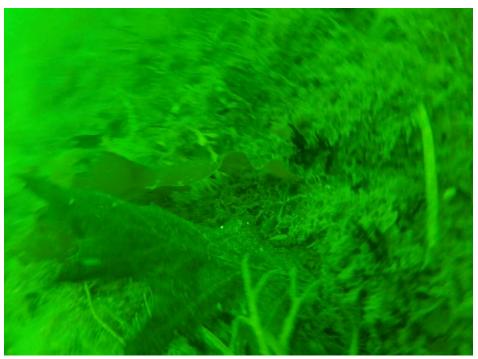


Image 8: Drift sugar kelp (*Saccharina latissima*) and other macroalgae and plant debris on bottom of proposed lease (March 23, 2022).

Wildlife

According to GIS (Geographic Information System) data maintained by the Maine Department of Inland Fisheries and Wildlife (MDIF&W) and available through the Maine Office of GIS, Tidal Wading Bird and Waterfowl Habitat is located approximately 350 feet from the proposed lease (Figure 6). This habitat type is defined under Maine's Natural Resources Protection Act (NRPA) as Significant Wildlife Habitat.

On March 15, 2022, a Wildlife Biologist at MDIF&W responded, by email, to a "Request for Agency Review and Comment" stating "minimal impacts to wildlife are anticipated for this project".

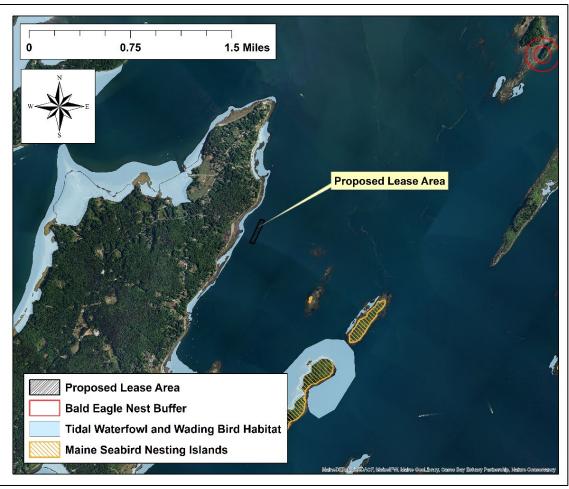


Figure 6: Seabird Nesting Islands⁹ and Tidal Wading Bird and Waterfowl Habitat¹⁰ and Bald Eagle Nest Buffer¹¹ near the proposed lease site.

Eelgrass

According to data collected by The Maine Department of Environmental Protection in collaboration with Friends of Casco Bay in 2018, the nearest documented presence of eelgrass (*Zostera marina*) is located approximately 350 feet from the proposed lease site (Figure 7). Additionally, due to the water depth, eelgrass beds are not expected to establish within or nearby the proposed lease area.

⁹ Data obtained from MDIWF maintained SDE Feature Class "GISVIEW.MEIFW.sni"

 $^{^{\}rm 10}$ Data obtained from MDIWF maintained SDE Feature Class "GISVIEW.MEIFW.Twwh"

¹¹ Data obtained from: https://services.arcgis.com/QVENGdaPbd4LUkLV/arcgis/rest/services/Maine_Bald_Eagle_Nests_2021/FeatureServer_

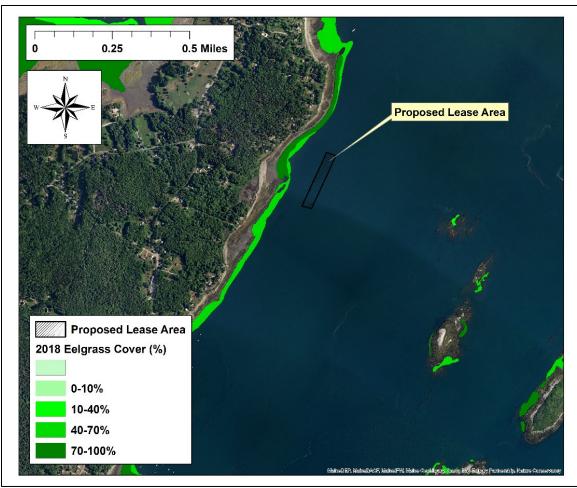


Figure 7: Historical eelgrass (Z. marina) in vicinity of proposed lease. 12

(6) Source of Organisms to be Cultured

The applicant lists Atlantic Sea Farms in Biddeford, Maine as the proposed source of marine algae. The source is approved by MDMR.

(7) Interference with Public Facilities

There are no beaches, parks, or docking facilities owned by federal, state, or municipal government within 1,000 feet of the proposed lease site.

¹² Data obtained from Maine Department of Environmental Protection maintained Feature Class "GISVIEW.MaineDEP..Eelgrass2018"