



State of Rhode Island and Providence Plantations  
**Coastal Resources Management Council**  
Oliver H. Stedman Government Center  
4808 Tower Hill Road, Suite 3  
Wakefield, RI 02879-1900

(401) 783-3370  
Fax (401) 783-2069

### **PUBLIC NOTICE**

File Number: 2016-04-009 Date: October 4, 2017

This office has under consideration the application of:

East Beach Farms, LLC  
141 Pine Hill Road  
Wakefield, RI 02879

for a State of Rhode Island Assent modification to: install two 60 m suspended kelp lines to grow sugar kelp *Saccharina latissima* from November 1 through April 30 on their existing oyster lease.

Project Location:	Ninigret Pond
City/Town:	Charlestown
Plat/Lot:	/
Waterway:	

Plans of the proposed work may be seen at the CRMC office in Wakefield.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before November 3, 2017.

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
Coastal Resources Management Council  
Oliver Stedman Government Center  
4808 Tower Hill Road; Suite 116  
Wakefield, RI 02879  
(401)783-3370

**CRMC ASSENT MODIFICATION REQUEST FORM**

File Number of Assent/Permit: 2016-04-009/2005-04-042      Expiration date (including extensions): 2025

Name which Assent was issued to: James Arnoux; East Beach Farms LLC

Location of Project: Ninigret Pond

City/Town: Charlestown, RI      Plat: \_\_\_\_\_ Lot: \_\_\_\_\_

Present Owner: Jim Arnoux/East Beach Farms, LLC

Mailing Address: 141 Pine Hill Road; Wakefield

State: Rhode Island      Zip Code: 02879

Phone No. Bus: 322-7277      Home: 742-0817      Contact Person: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Abutters: \_\_\_\_\_

I hereby certify that the names and addresses of adjacent property owners whose property adjoins the project site are accurate and current as of the date of application. If said names and addresses are found to be not accurate and/or current, any subsequent Assent may become Null and Void. Signed: \_\_\_\_\_

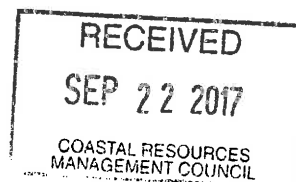
Describe the proposed modification(s), including the reasons for change:      Modification:  
I would like to add sugar kelp (*Saccharina latissima*) to my existing oyster lease. Using a horizontal long line system, I will grow kelp above oyster bags (see attached drawing). The long lines will be 60 m long and seeded with juvenile kelp that will hang below the lines. I will allow the kelp to grow through the winter and spring, harvesting just before summer.

Reason: I would like to try kelp cultivation in addition to oysters so that I may have a new product to harvest when oysters are dormant, thus giving me a year-round harvest schedule. The conditions favorable to kelp are similar to oysters, but with opposite growing seasons (winter vs. summer).

What state of construction is project in? The project has not started but I would like to start it this winter (November 2017).

Owner's Signature \_\_\_\_\_ 9/20/17

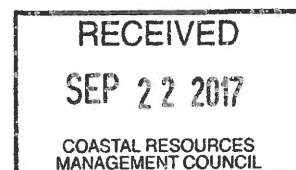
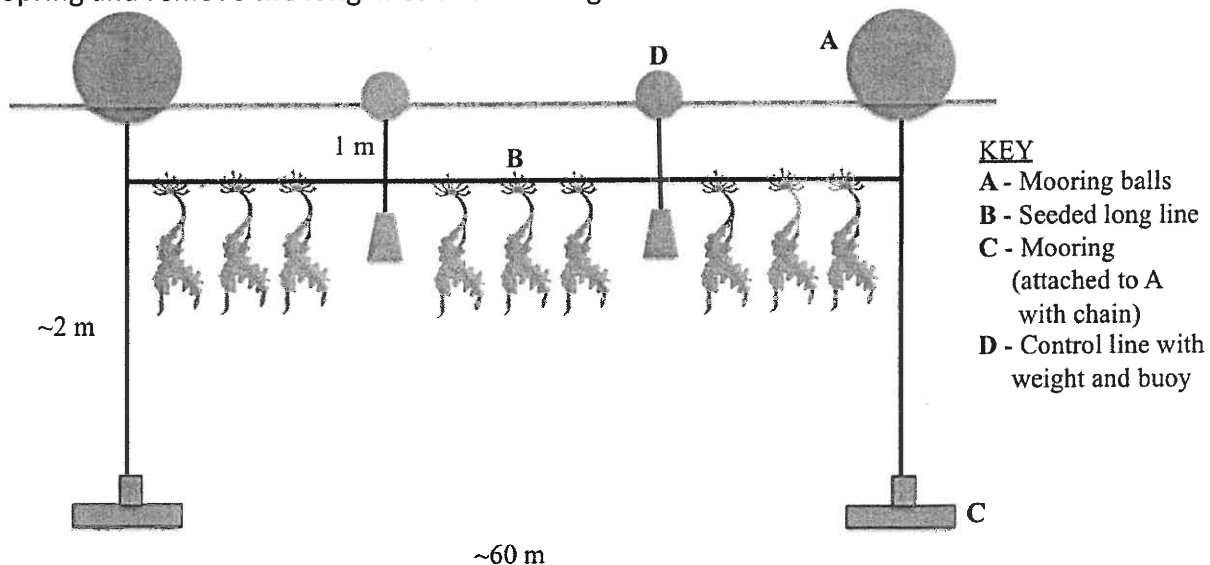
Note: The applicant acknowledges by evidence of their signature that they have reviewed the Rhode Island Coastal Resources Management Program, and have, where possible adhered to the policies and standards of the program. The applicant also acknowledges by evidence of their signature that to the best of their knowledge the information contained in the application is true and valid. The filing of false information can result in the Coastal Resources Management Council revoking State Assent. Applicant requires that as a condition to the granting of this assent, members of the CRMC or its staff shall be access to the applicant's property to make on-site inspections to insure compliance with the assent. This application is made under oath and subject to penalties of perjury. 5/00



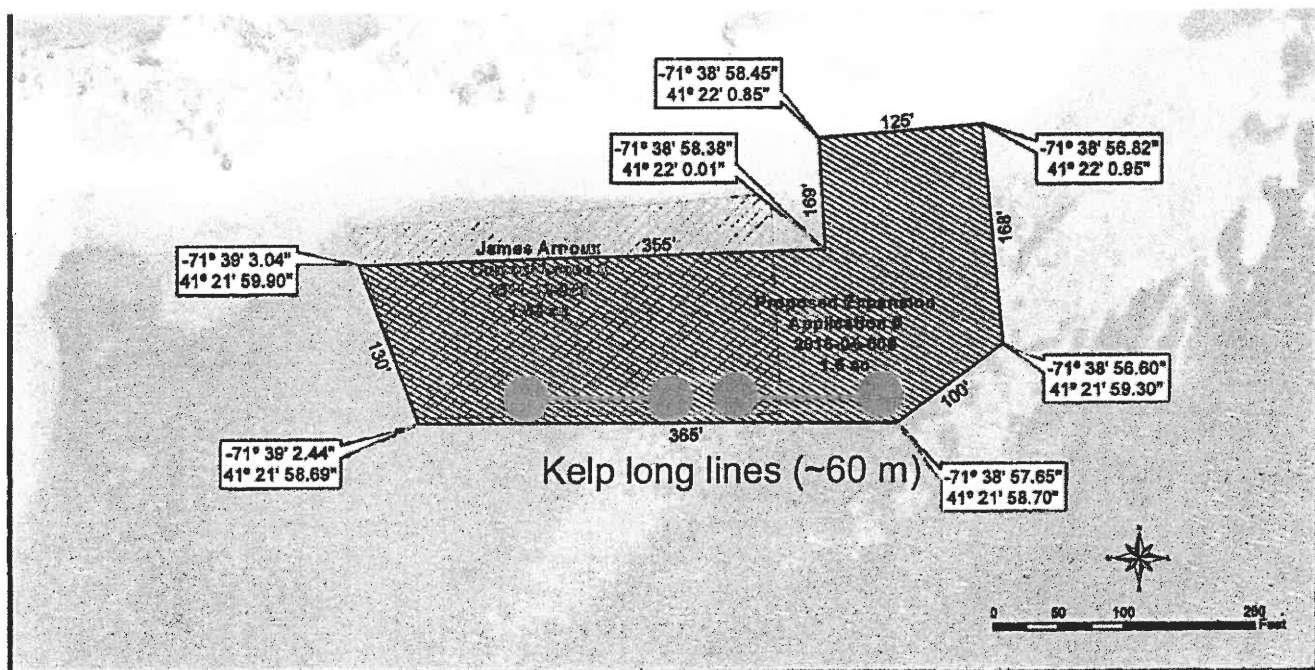
## Appendix to CRMC Assent Modification Request Form

Oysters are the most economically valuable shellfish produced domestically and are considered an environmentally sustainable crop since they require no artificial food input and can serve as a net nitrogen sink. However, oyster growth is severely limited during the winter months by cold-water temperatures, which can negatively impact aquaculture employment and production. Incorporating cold-water seaweed crops, such as the sugar kelp *Saccharina latissima*, into my existing shellfish farm requires minimal equipment and maintenance, and can benefit my employees by diversifying crop production. Like oysters, sugar kelp is considered an environmentally sustainable crop and provides ecosystem services in the form of bioextraction of carbon and nitrogen.

The major steps involved in establishing kelp at existing oyster farms are to: (1) establish a sugar kelp nursery, (2) deploy kelp long lines on oyster farms, and (3) assess growth of kelp. Step 1 will be completed with partners at the University of Rhode Island and baby kelp will be deployed on floating long lines above oyster cages in mid-November (see figure below). Two long lines (60 m) will be deployed directly above the bottom-cultured oyster bags and the length of the mooring chain will be adjusted for appropriate depth. We will harvest kelp in late Spring and remove the long lines and mooring balls.



Appendix to CRMC Assent Modification Request Form



RECEIVED  
SEP 22 2017  
COASTAL RESOURCES  
MANAGEMENT COUNCIL

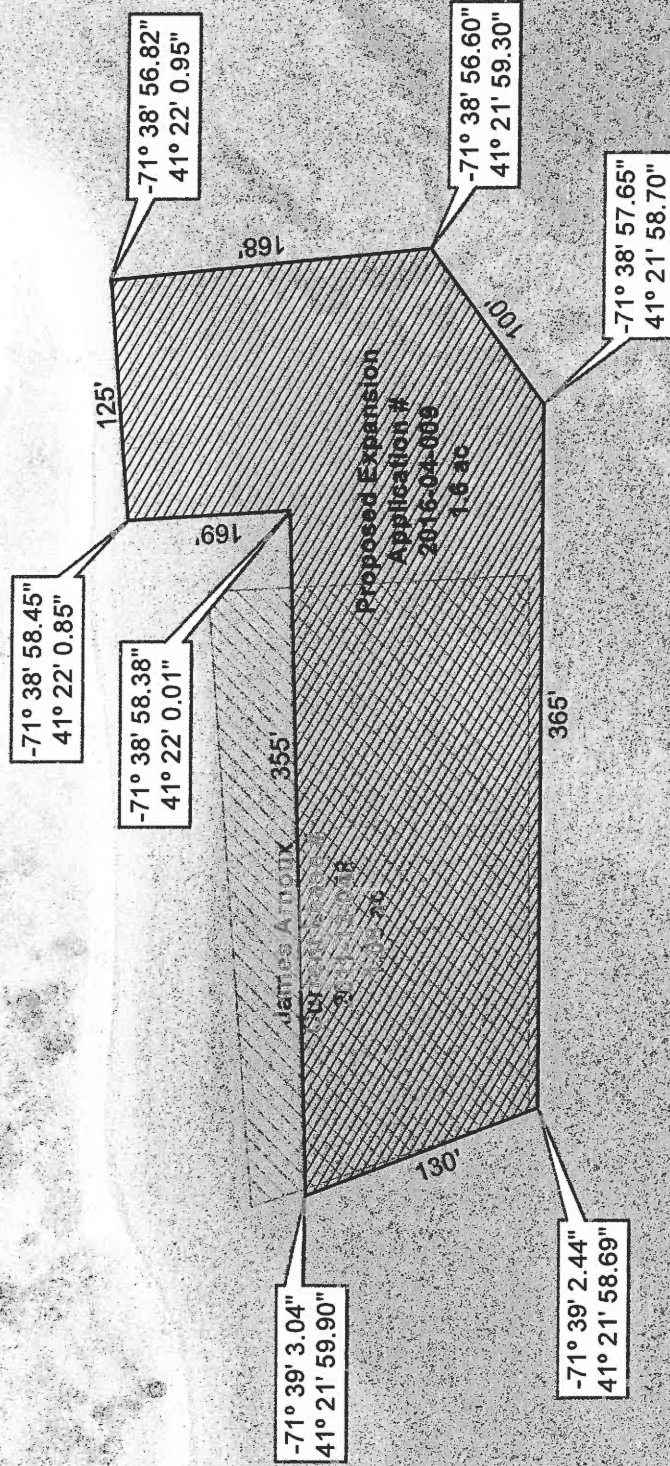
LOCUS MAP  
MINGRET POND

Proposed  
Aquaculture  
Expansion

PROPOSED  
AQUACULTURE EXPANSION  
JAMES ARNOUX  
APPLICATION # 2016-04-009

RECEIVED  
AUG 17 2016

COASTAL RESOURCES  
MANAGEMENT COUNCIL



Proposed Expansion  
Application #  
2016-04-009  
1.6 ac