



Oliver Stedman Government Center  
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Wakefield, RI 02879  
401-783-3370

### PUBLIC NOTICE

File Number: 2010-01-053 (MODIFIED) Date: March 12, 2013

This office has under consideration the application of:

Walrus & Carpenter Oysters LLC  
c/o Jules Opton-Himmel  
50 4th Street #3  
Providence, RI 02906

To modify a State of Rhode Island Assent for aquaculture by:

1. Combine this 1.5 acre aquaculture site with the immediately adjacent 1.5 acre site into one 3 acre site owned by Walrus and Carpenter LLC, which is Mr. Opton-Himmel's company; this would consolidate two leases back into their original configuration;
2. Add hard clams *Mercenaria mercenaria*, bay scallops *Argopecten irradians*, and/or razor clams *Ensis directus*;
3. Add the ability to grow native macro-algae such as but not limited to *Gracilaria tikvahiae* using a staked longline method (please see attachments)

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

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 **April 12, 2013**.

## Operational Plan for native shellfish and macro-algae cultivation:

Native macro-algae starters will be sourced from the leading research facilities in the region and then attached to mono-lines via Velcro straps at 10 cm intervals. The mono-lines attach with tuna clips at either end to stakes driven into the bottom. Between the stakes the mono-line is suspended low in the water column a few inches above the lease bottom. To harvest the marco-algae crop new or excessive growth is trimmed for market while the rest of the plant is left behind to regenerate for future harvest. Little is needed to maintain the crop except for the occasional fresh water soak to minimize bio-fouling, to be done on site with buckets or off site at a fresh water source. The tuna-clips allows for the easy removal and replacement of mono-lines while handling and maintaining the product. The typical growing season is May to October.

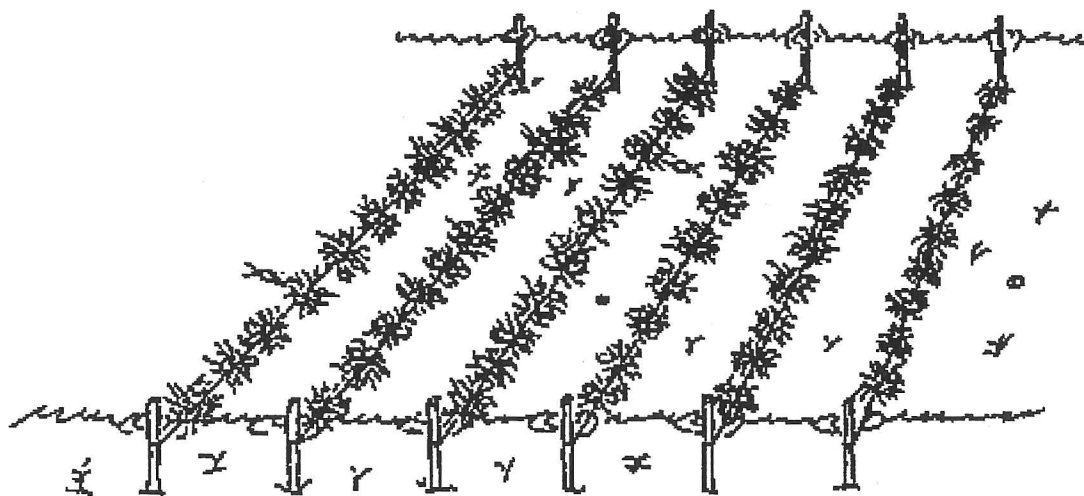


Figure 1: Typical layout of native macro-algae cultivation

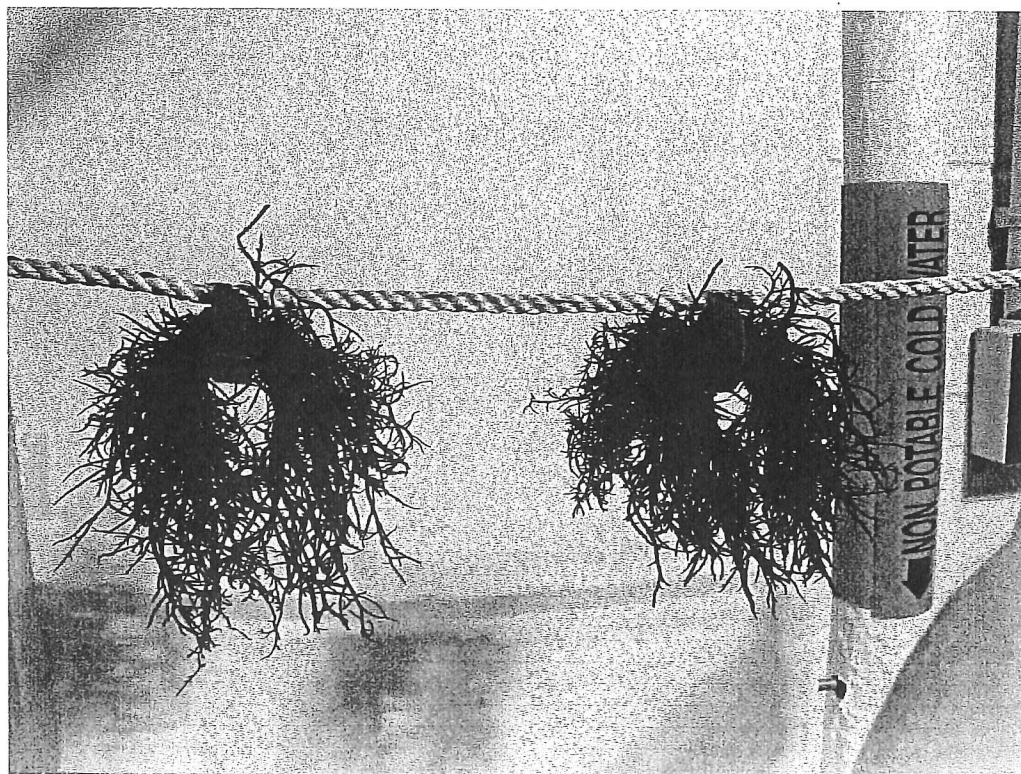
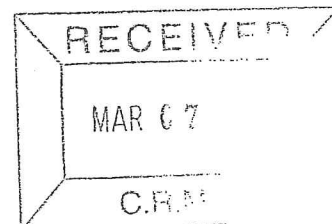


Figure 2: Detail of *Gracilaria tikvahiae* cultivation method

In addition to native algae, the native shellfish species *Mercenariamercenaria*, or hard clams, and *Argopectenirradians*, or bay scallops, will also be cultivated. For the hard clams, seed will be sourced from hatcheries and grown out on the lease bottom beneath predator netting. Harvest will be accomplished using hand rakes. For bay scallops seed will be sourced from hatcheries and grown out using ADPI bags placed on the lease or directly planted on the bottom. Harvest will be accomplished by gathering the bags or in case of bottom planting, by hand rake or small scallop dredge to be towed by a skiff.

