

Rec'd
12/15/19 DM

APPLICATION TO CONDUCT AQUACULTURE

Date of Application: 11/23/19 Total Acreage Requested: 3.42
Proposed Start Date: 3/1/20 End Date: 12/1/2024

Specie(s): Oyster (*Crassostrea virginica*) Max # to be produced: 200K/yr
 Quahog (*Mercenaria mercenaria*) Max # to be produced: _____
 Scallop (*Argopecten irradians*) Max # to be produced: _____
 Other: _____ Max # to be produced: _____

Source of Species: Company Name: Stonington Aquafarms, LLC
Contact Person: Dana Lewis Phone:(203)275-5773

Primary Gear Type(s): Bottom Suspended None
 Net Cage Other: _____

Contact Person: Dana Lewis

Firm/Company Name: Stonington Aquafarms, LLC

Mailing Address: 39 Ashworth Ave.

Stonington, CT. 06378

Phone: (day) (203)275-5773 (evening) _____

Email: dana.stoningtonaquafarms@gmail.com

DA/BA Permit No(s) CT 119 AO Expiration Date: 12/31/2020

CTDEEP Permit No(s) 137/1902-648i Expiration Date: N/A_

USACE Permit No(s) NAE-2018-00503_ Expiration Date: 12/31/2024

Provide a photo of the vessel to be used.

Vessel Registration: TBD Name:

Make & Model: 24' Privateer CC_Length & Color: 24'/White

I have read and understand, the "Overview of the Application Process to Conduct Aquaculture in Stonington, CT", "Stipulations for Approved Aquaculture Operations in the Town of Stonington Waters", and "Shellfish Resource Management Plan" documents, and agree to adhere to the terms and conditions as defined. A validated Certificate of Availability is attached.

Signed  Date 12/2/19

THIS APPLICATION MUST BE SUBMITTED IN BOTH ELECTRONIC & HARD COPY (7 copies)

**TOWN OF STONINGTON
Office of the Town Clerk**

Certification of Shellfish Grounds

Pursuant to Connecticut General Statute 26-242, I hereby certify that I have examined all records and maps in my custody pertaining to shellfish leases and grants, and based on such examination, can further certify that the following ground has not been previously designated and that such ground is within the limits allotted by law for designation by the Shellfish SSC.

Applicant Name: Dana Lewis

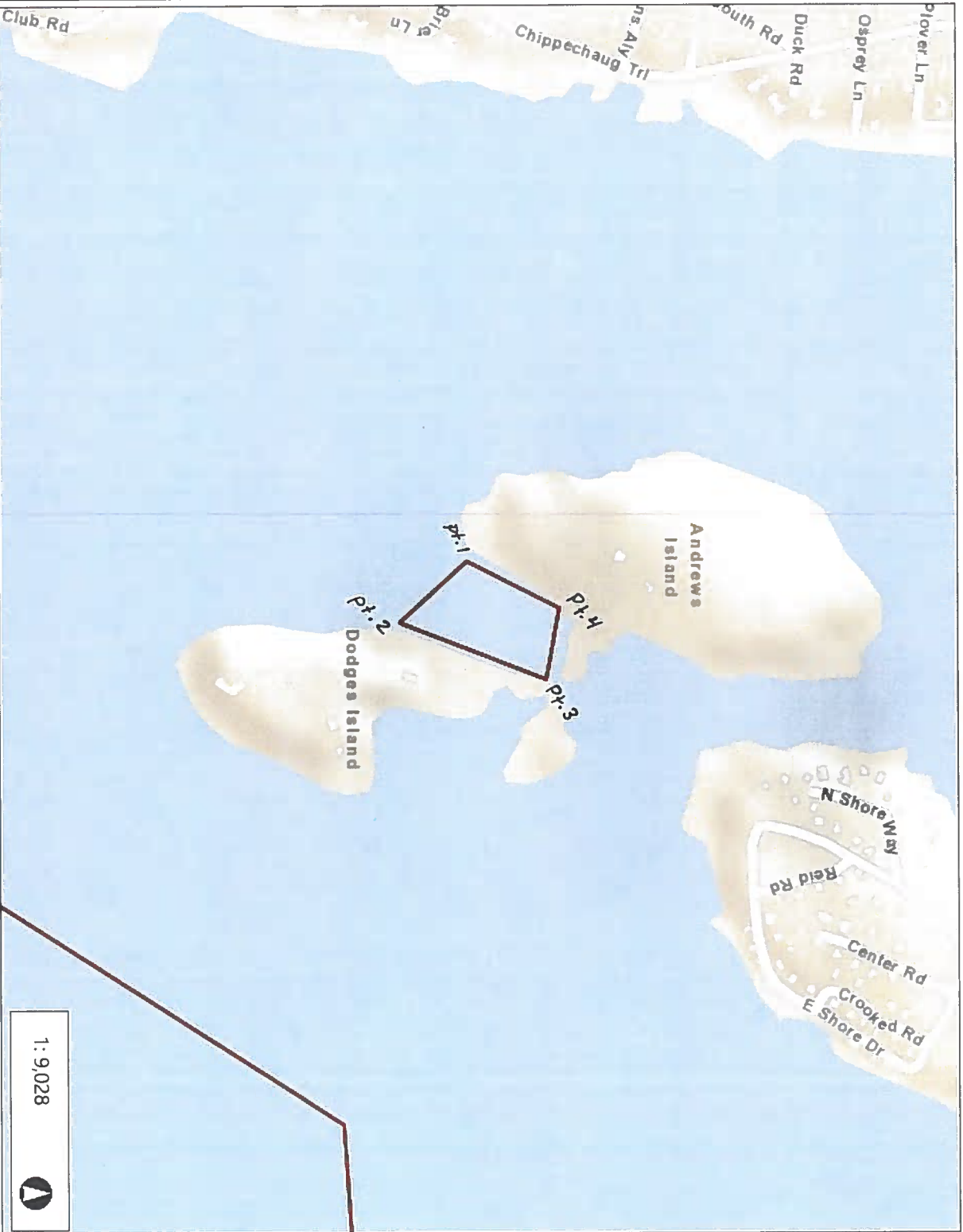
Firm/Company Name: Stonington Aquafarms, LLC

Description of the Plot (Include geographic coordinates, which must be the same as those in 2a of this form):

pt. 1 - 41.33044° N
71.95676° W
pt. 2 - 41.32970° N
71.95590° W
pt. 3 - 41.33125° N
71.95511° W
pt. 4 - 41.33139° N
71.95610° W

11/25/2019
Date


Stonington Town Clerk



1 : 9,028



Legend

- Shellfish Jurisdiction Line
- Town Managed Shellfish Beds

Stonington Oyster
Stonington Aquafarms, LLC

Additional Notes: 3,4155 acres

0.3 0 0.14 0.3 Miles
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1. Objective/Outcomes

- a) What are your business and operational objectives? Please provide a business plan if you have one.

The objective is to plant 1” seed by April/May or when the water temperature is optimal. Harvest will commence all year around. The operation will go on for a period of 4 years unless other options are discussed with the SSC.

By the 4th year, I hope to have very little product left over on the bottom or not a viable amount for commercial sale.

The site will be maintained and used for the purpose of growing eastern oysters throughout the 4-year agreement between Stonington Aquar farms, LLC and the SSC. Maintenance and monitoring will occur periodically every month.

I do not have a business plan at this time.

Show the year-by-year increase of the number of acres and number and type of shellfish under cultivation as your operations grow from startup to maximum production.

YEAR	# OF ACRES	NUMBER AND TYPE OF SHELLFISH
1	1	100k
2	1.50	100k
3	1.50	200k
4	1.50	200k
5		

2. Culture/Grow-out Grounds

- a) Provide a list of the latitude & longitude coordinates that define the boundaries of the aquaculture area.

Pt.1- 41.33044 N, 71.95676 W Pt.2- 41.32970 N, 71.95590 W

Pt.3- 41.33125 N, 71.95511 W Pt.4- 41.33139 N, 71.95610 N

See page 20—Certification of Shellfish Grounds

See page 2.A/2.D

- b) Provide a NOAA navigational chart showing the location and extent of the proposed aquaculture operation. The chart may be plotted using the Aquaculture Mapping Atlas (<https://clear3.uconn.edu/aquaculture/>) with the NOAA Navigational chart base map. Additional maps showing satellite images may be provided to show further details of the area of the proposed activity.

See page 2.B of this application for a NOAA navigational chart of the proposed area.

- c) Describe the in-water resources such as natural shellfish populations, and other marine species present. Eelgrass bed locations and extents must be shown on the map; if no eelgrass is present, please state this to be the case. Note: The applicant may be required to conduct a formal eelgrass survey using the method described in "Joint Federal Agency Submerged Aquatic Vegetation Survey Guidance for the New England Region (Updated August 11, 2016).

NO eelgrass is present (see page 2.C). The substrate within the site consists of cobble, sand and several larger rocks (page 2.B) Several or more of the rocks are visible at low tide. To the best of my knowledge, other in-water resources such as quahogs, scallops, blue crabs, etc. were not found within the perimeter of the site.

- d) Describe the water-based activity in the vicinity of the proposed aquaculture operation. Water-based activity includes, but is not limited to, swimming, kayaking, recreational and commercial boating fairways, nearby docks, recreational and commercial fishing grounds, etc.

The plot is limited to boat traffic because of its location, rocks and shallow depth. Kayaking is the water-based activity seldomly seen in the area. The closest dock, located on Dodges Island is approximately 550ft, south of Pt.2 (see page 2.A/2. D).

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- e) Provide the complete names and addresses of all land owners for any property located five hundred (500) feet or less from the boundaries of the proposed license area. Also include the names and addresses of any claimants of water rights or shellfish license areas or leases adjacent to the proposed license area. Provide certification that a notice of application was sent to all identified parties.

Nicholas Gleysteen (Andrews Island)
14 Joyce St
Mystic CT 06378

Andrea Branch (Dodges Island)
923 Fifth Ave.
New York, NY 10021

There are two property owners listed above approximately 500ft of the proposed site. Other shellfish leases are not in the vicinity.

See page 2.D

3. Grow-out & Harvesting Methods

- a) Describe the specific methods and activities that will be used to carry out the operations on the aquaculture site.

Stonington Oyster will be planting 1" oyster seed on the bottom within the boundaries of the proposed site. Planting will be done using the boat pictured on page 3.A of this application. The proposed site is in "Approved" waters. Grow out and harvesting will be conducted within the site.

- b) Describe in detail all the equipment to be used on the site. Attach any brochures/literature that describes the gear.

Equipment needed on the site will be the boat (3.D) noted above, a knuckle boom with a winch and a small dredge. If there are any changes, it will be discussed with the SSC.

- c) On a map of the site, show the gear layout and any changes that will occur over time.

Gear will not be used in accordance with this application. Oyster seed will be planted directly on-bottom without the use of gear. As previously stated, any changes that might occur will be brought to the Commission for discussion.

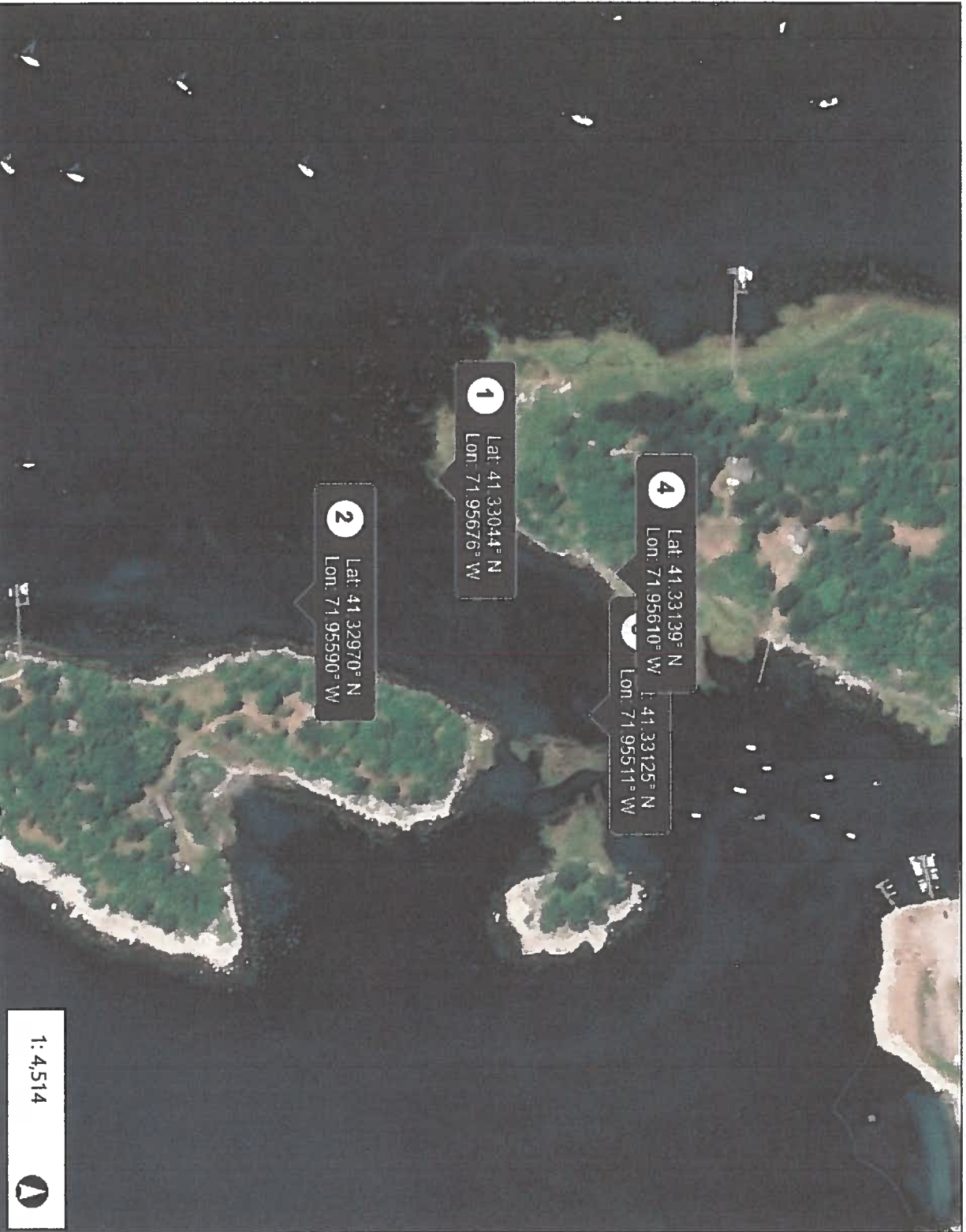
_____ For Shellfish Commission use only:

Copies of this application have been forwarded to:

- Harbormaster; Appropriate Harbor Management Commission;
 Selectmen's Office; Planning Department



2.A




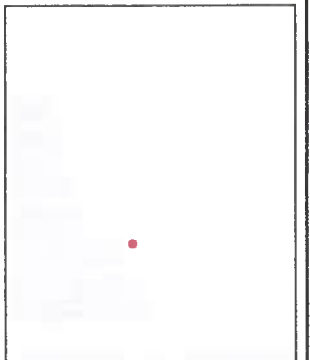
0.1
0
0.07
0.1 Miles

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1:4,514

Legend

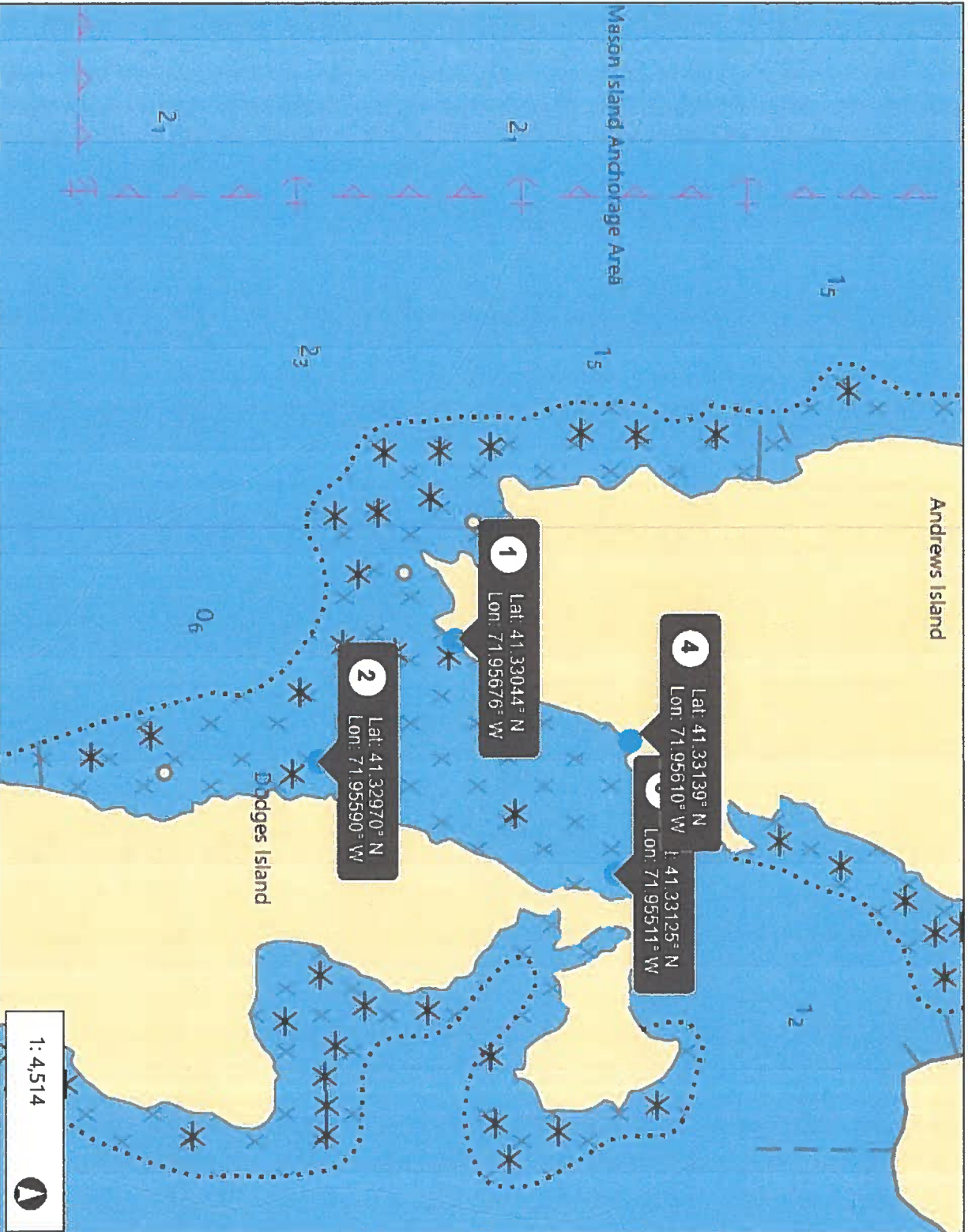
- Shellfish Jurisdiction Line
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations

Name/Contact:

Additional Notes:



2.B



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1: 4,514



Legend

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- High Resolution 30cm Imagery
- Citations

Name/Contact: Stonington Oyster Co.
Stonington Aniafarms LLC

Additional Notes:



2.C



1: 9,028



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- Legend**
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 - Eelgrass Beds 2017
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 - High Resolution 30cm Imagery
 - Citations

Name/Contact:
Stonington Oyster Co.

Additional Notes:
Section 2.C (SSC)
NO EELGRASS PRESENT



2.D



1: 4,514

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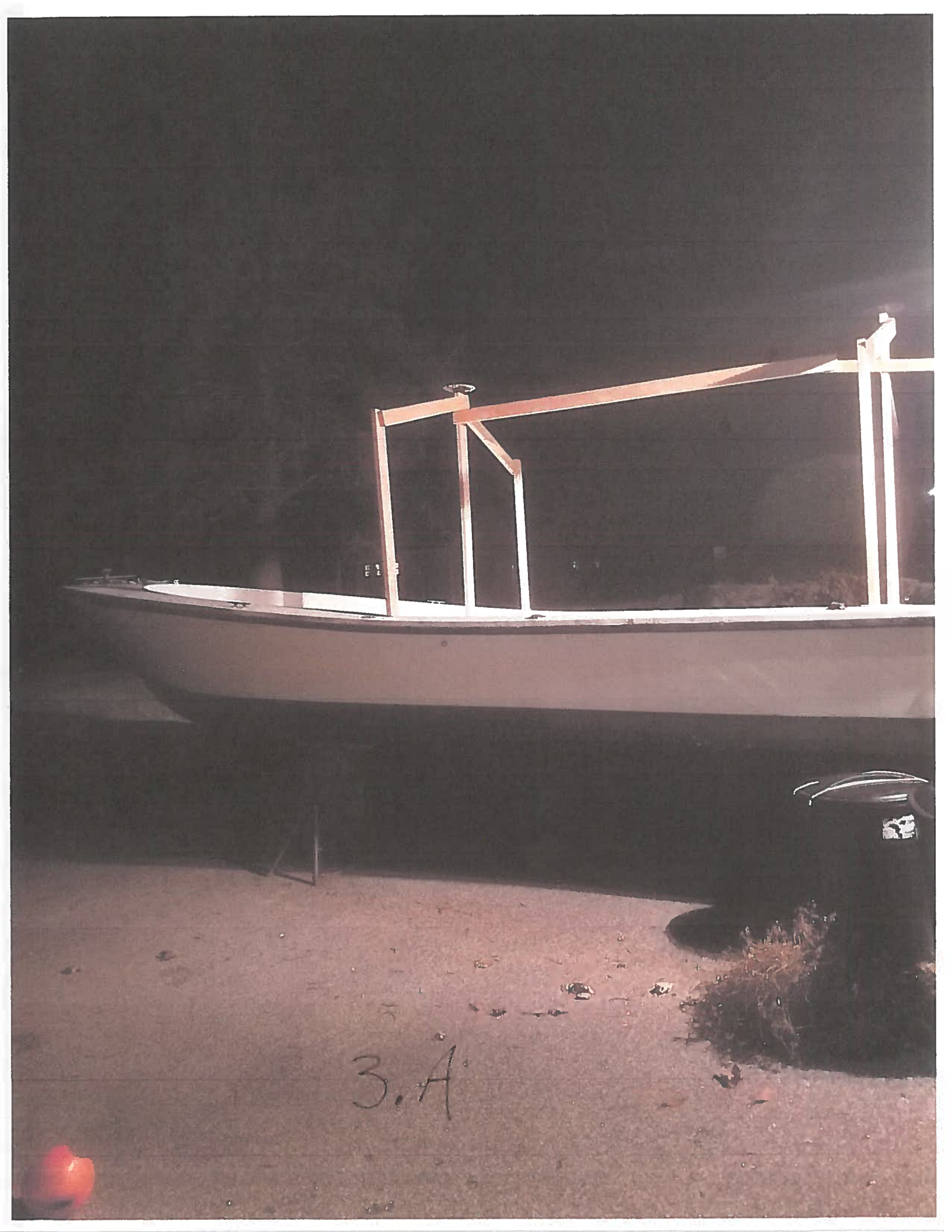
© Connecticut Environmental Conditions Online

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Name/Contact: Stonington Oyster Co.

Additional Notes: Section 2.D (SSC) 550' S. of Pt.2 - dock Dodges Island



3.A