

Shellfish Lease Investigation Report	
Investigation Date	6/11/2024
Applicants name	Herring Shoal Shellfish Co. LLC, William James Clower and Aaron Hopkins
Lease Number	24-009BL/24-010WC
County	Dare
Waterbody/location	0400000000/Roanoke Sound
Proposed Lease Size (acres)	3
Lease Type	Bottom/Water Column
Investigation Team	S. Tripp, R. Farnell, E. Ellis
Gear Used	935 - Hand Sampling
Sediment Type	1 - Hard sand
Bottom Composition	0 - no grass
Depth NW Corner(m)	0.6
Depth NE Corner (m)	0.5
Depth SE Corner (m)	0.5
Depth SW Corner (m)	0.7
Average Depth (m)	0.6
Tidal Stage	I - High
Water Temperature (°C)	25.9
Salinity (ppt)	16.7
Dissolved Oxygen (mg/L)	8.3
Comments on SAV in or around Proposed Lease location	N/A
Other Species Collected	N/A
In PNA?	No
In Polluted Area?	No: Approved
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	No
Other Comments	N/A

Application Coordinates		Modified Coordinates		Actual Coordinates	
35.784390	-75.561417	35.785302	-75.562541	35.785302	-75.562541
35.783708	-75.561580	35.784720	-75.561824	35.784720	-75.561824
35.784011	-75.562913	35.783708	-75.561580	35.783708	-75.561580
35.785302	-75.562541	35.784011	-75.562913	35.784011	-75.562913

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Herring Shoal Shellfish Co. LLC, William James Clower and Aaron Hopkins

Proposed Lease #: 24-0098L/24-010WC

Date: 6/11/2024

Lease size: 3 acres # of Samples: 74

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
1	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
2	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
3	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
4	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
5	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
6	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
7	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
8	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
9	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
10	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
11	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
12	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
13	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
14	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
15	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
16	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
17	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
18	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
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22	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
23	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
24	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
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69	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
70	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
71	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
72	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
73	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
74	0	0	0	0	6/11/2024	NA	O - no grass	1 - Hard sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0					0%	OF SAMPLES CONTAINED SAV	

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Herring Shoal Shellfish Co. LLC, William James Clower and Aaron Hopkins

Proposed Lease #: 24-0098L/24-010WC

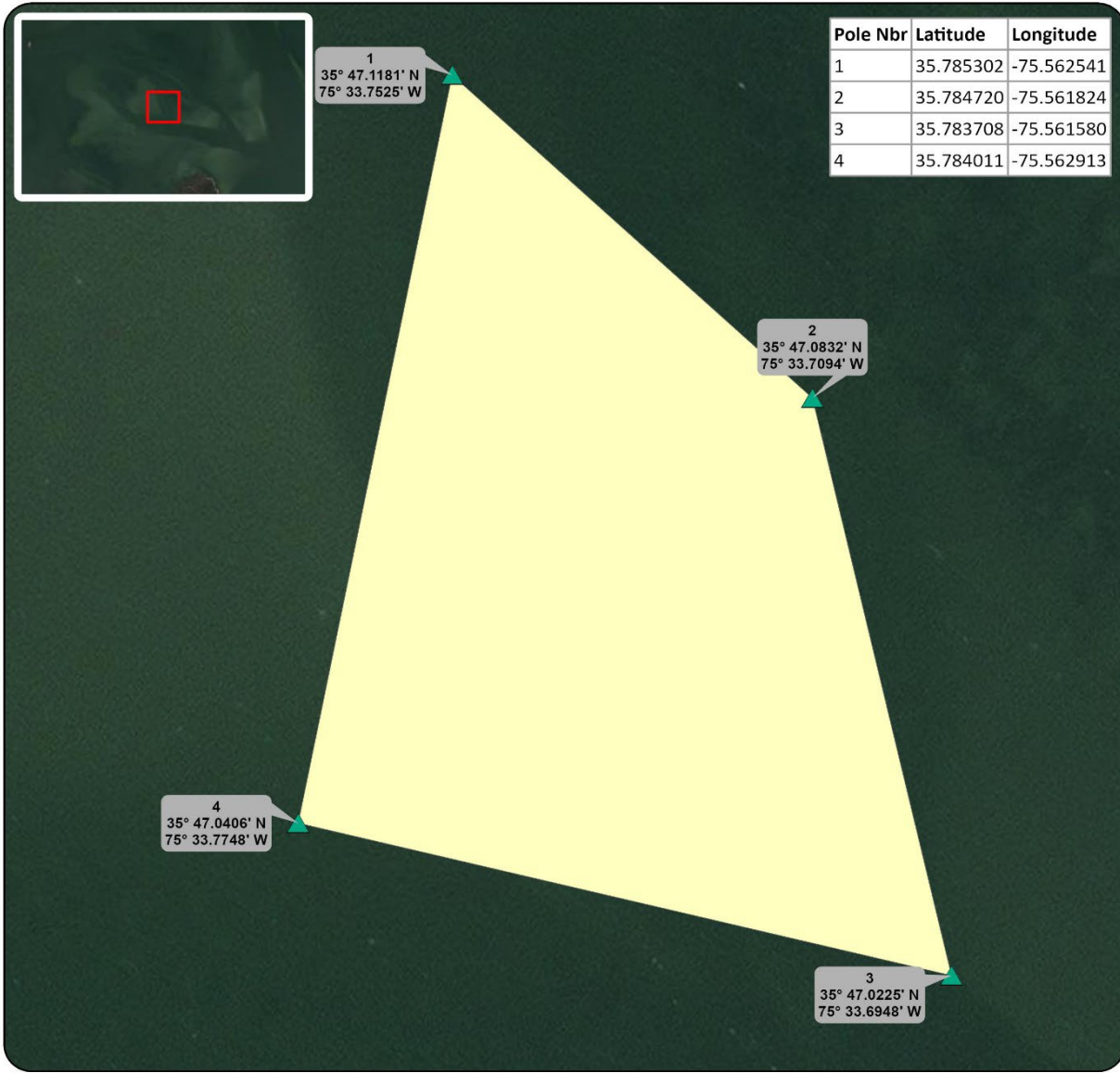
Date: 6/11/2024



Lease size: 3 acres **# of Samples:** 74

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
TOTAL OF EACH SPECIES		0	0	0				
TOTAL BUSHELS PER SPECIES		0	0	0	0.00	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Modified Proposed Lease ID/Number: 24-009BL/24-010WC
 Herring Shoal Shellfish Co. LLC, William James Clower and Aaron Hopkins

Date: 12/27/2024



Yards

0 20 40

▲ Proposed Corner Points

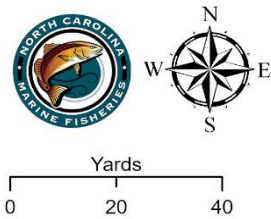
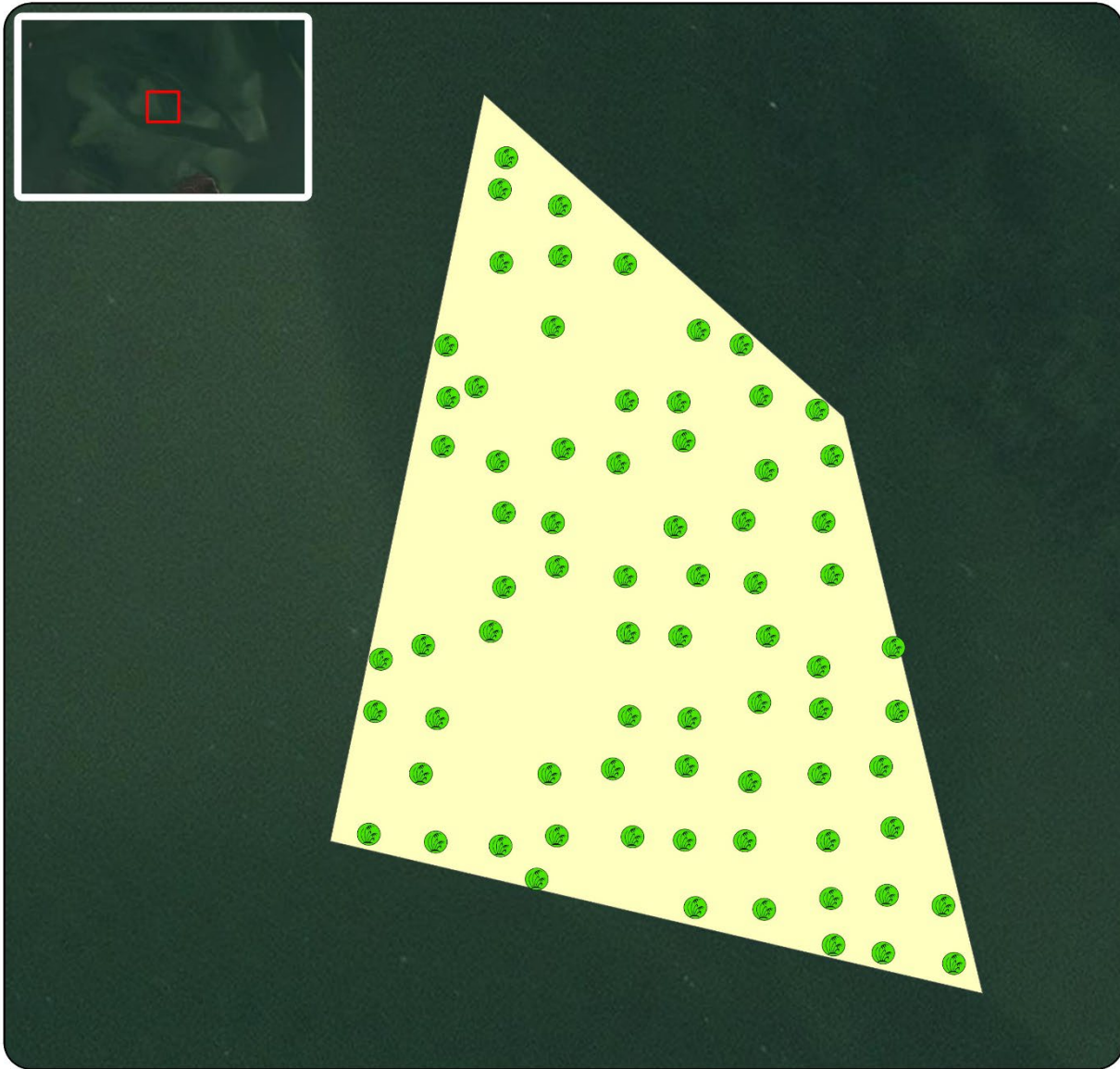
■ Proposed Lease Area

Acreage: 3.00

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US

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SAV Density

- None - 0
- Proposed Lease Area

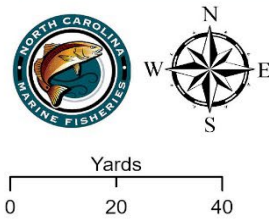
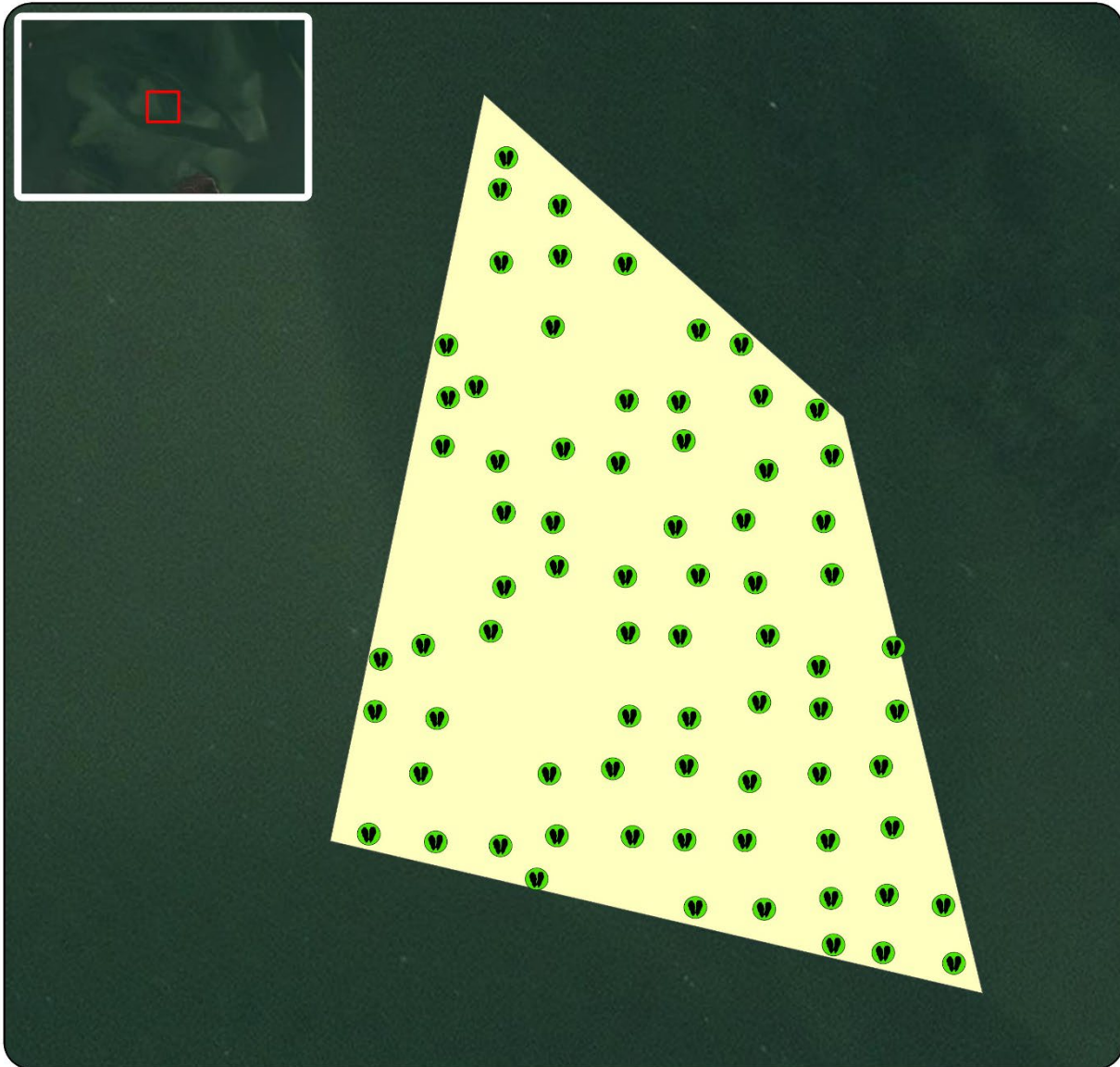
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Shellfish Present

-  No
-  Proposed Lease Area

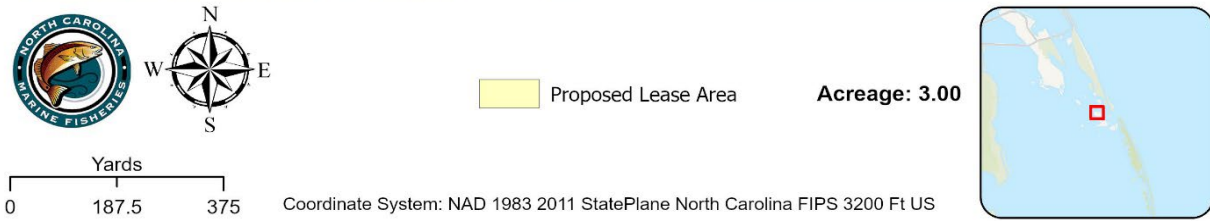
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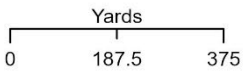
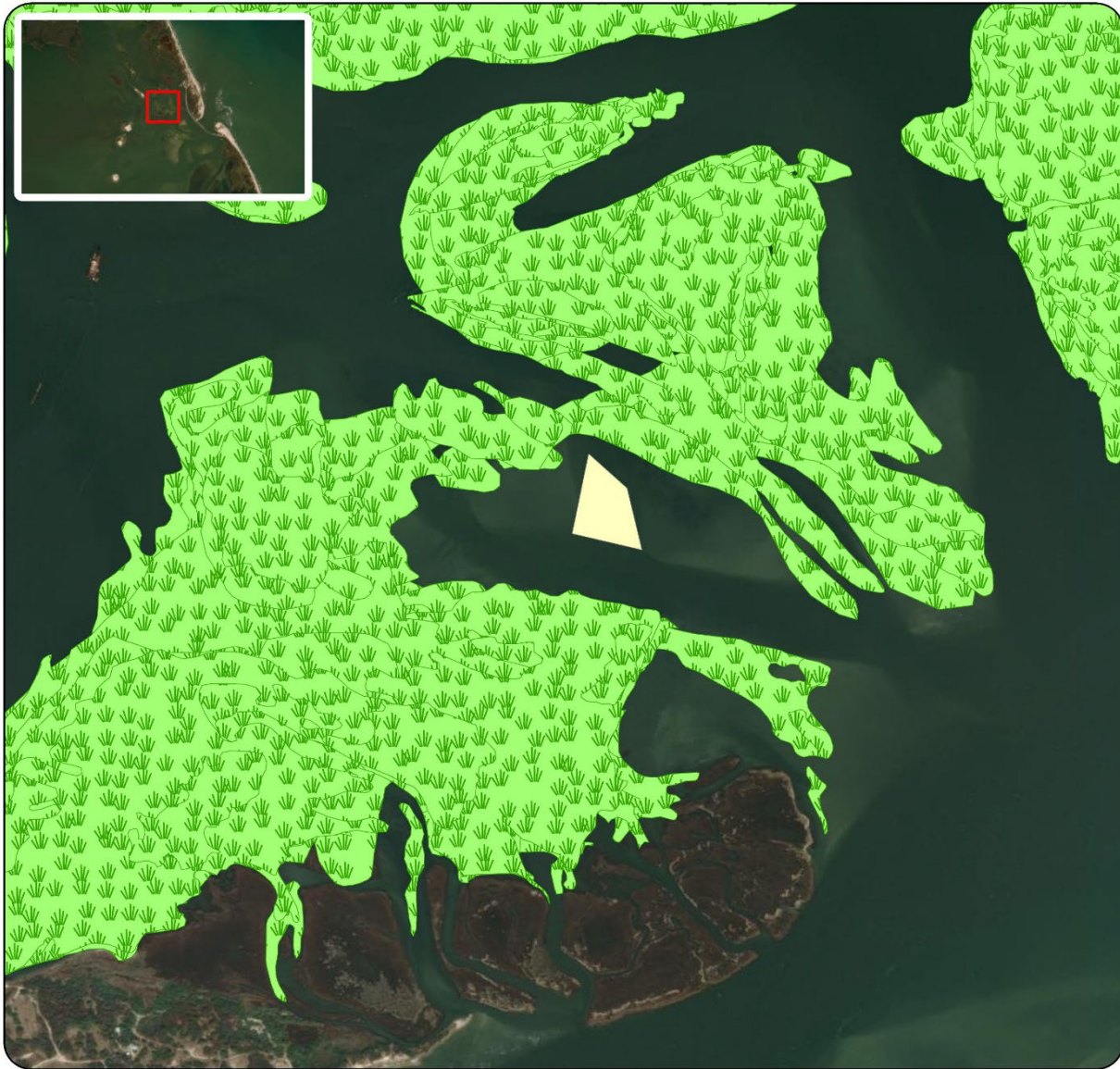
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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

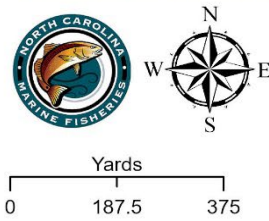
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Shellfish Growing Area Classification

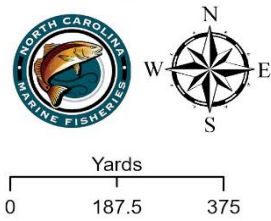
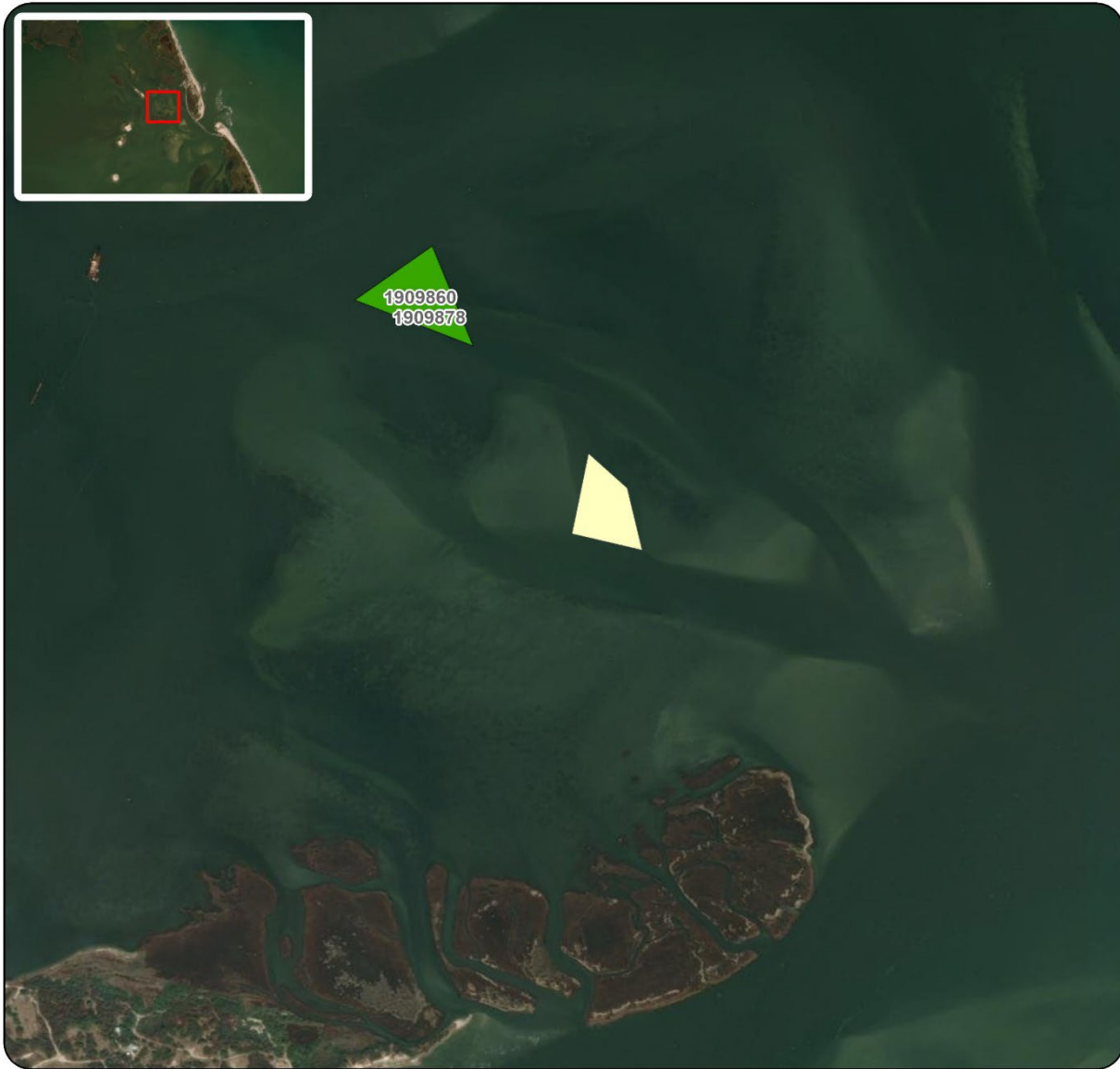
- Approved
 - Closed Shellfish Harvest Area - Prohibited
 - Proposed Lease Area
- Acreage: 3.00**

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- Leases**
- Bottom
 - Water Column
 - Proposed Lease Area

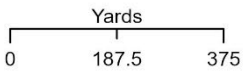
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
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-  Cultch Planted Sites
-  Proposed Lease Area

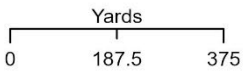
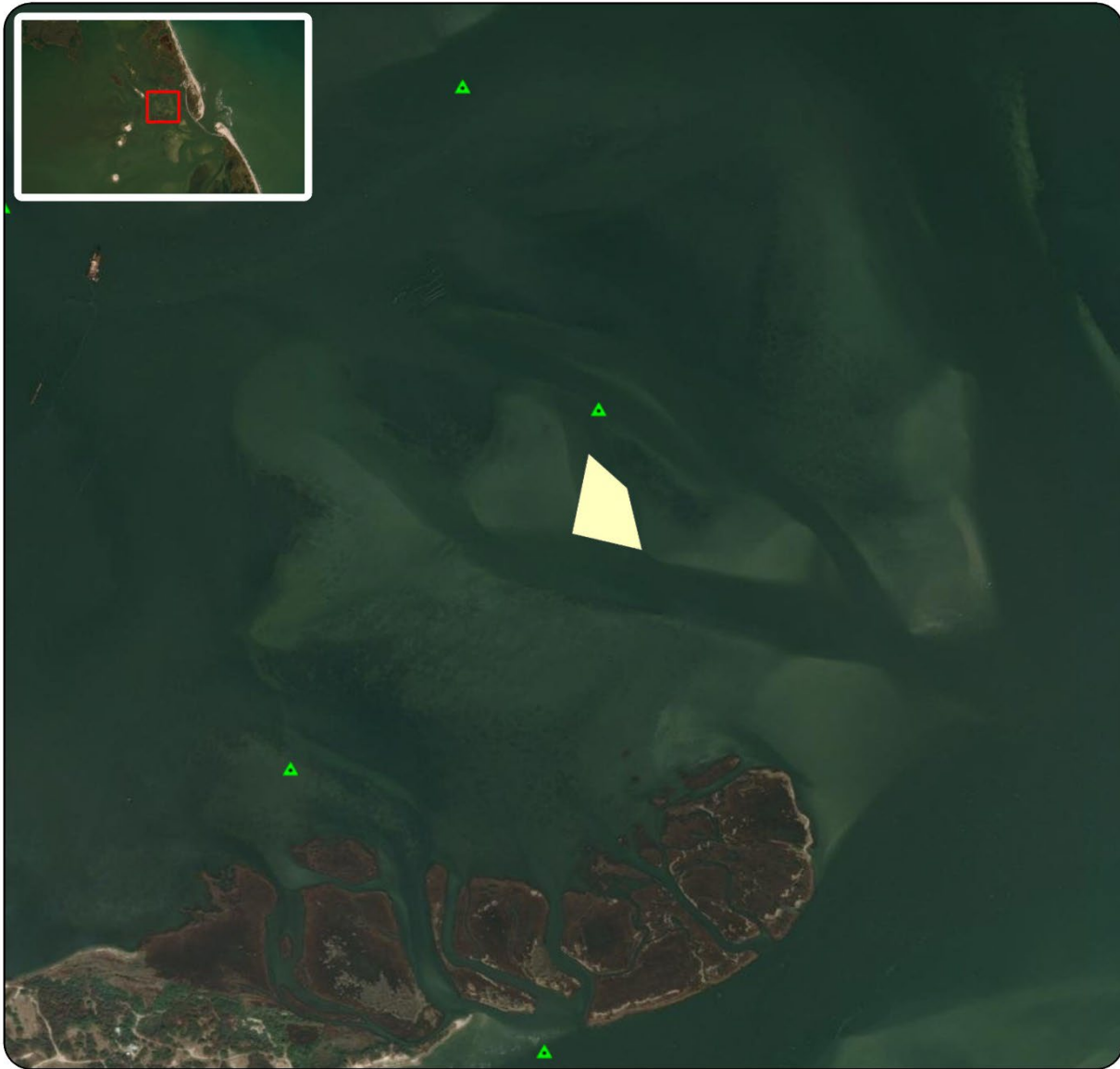
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- ▲ No Contact Fisheries Observation
- Proposed Lease Area

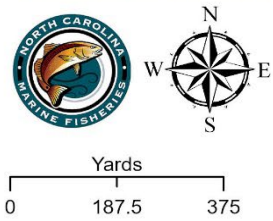
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- Duck Blinds
- Proposed Lease Area

Acreage: 3.00

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US













