

Shellfish Lease Investigation Report	
Investigation Date	6/30/2025 and 7/01/2025
Applicants name	Old Baldy Aquaculture, Matthew T. Miller
Lease Number	25-001BL
County	Onslow
Waterbody/location	1201010000/New River below 172 bridge
Proposed Lease Size (acres)	4.78
Lease Type	Bottom Lease
Investigation Team	S. Tripp, A. Frost, R. Farnell, C. Grady, K. Flanigan, C. Silva
Gear Used	766 - Patent Tong
Sediment Type	1 - Hard sand
Bottom Composition	O - no grass
Depth (m) NW Corner	1.2
Depth (m) NE Corner	0.9
Depth (m) East Side	0.8
Depth (m) SE Corner	0.6
Depth (m) SW Corner	0.9
Depth (m) Center	1
Depth (m) - Average	0.9
Comments on SAV in or around Proposed Lease location	
Other Species Collected	No
In PNA?	No
In Polluted Area?	No: Approved
In Mechanical Clam Harvest Area?	Yes
In Oyster Mechanical Methods Prohibited Area	No
Other Comments	

Application Coordinates	
34.571931	-77.362774
34.571243	-77.361565
34.570542	-77.361107
34.569996	-77.361380
34.569640	-77.362149

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Old Baldy Aquaculture, Matthew T. Miller

Proposed Lease #: 25-001BL

Date: 6/30/2025 and 7/01/2025

Lease size: 4.78 acres # of Samples: 119

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
1	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
2	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
3	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
4	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
5	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
6	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
7	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
8	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
9	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
10	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
11	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
12	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
13	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
14	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
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16	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
17	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
18	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
19	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
20	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
21	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
22	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
23	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
24	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
25	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
26	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
27	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
28	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
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30	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
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77	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Old Baldy Aquaculture, Matthew T. Miller

Proposed Lease #: 25-001BL

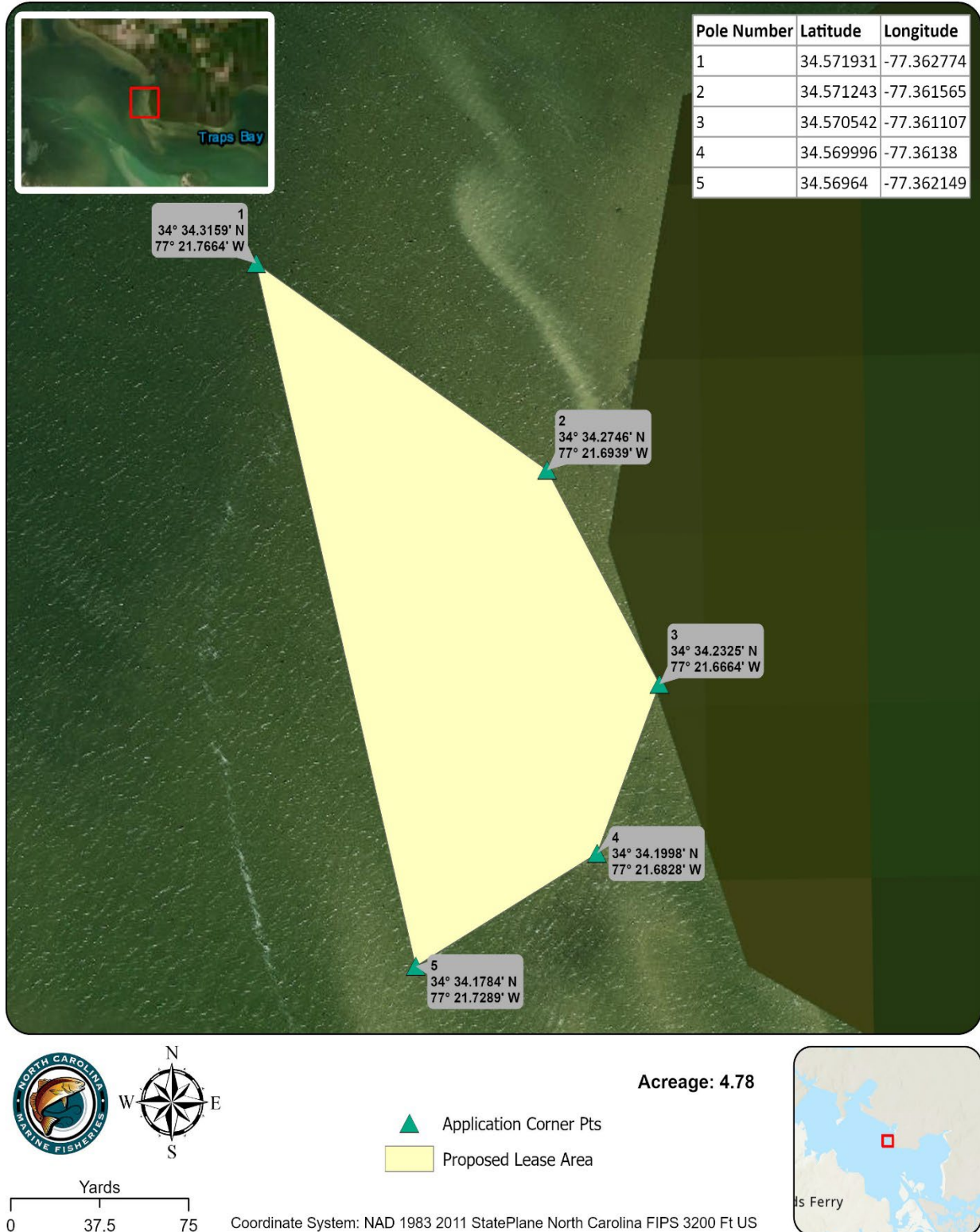
Date: 6/30/2025 and 7/01/2025

Lease size: 4.78 acres # of Samples: 119

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
78	0 - None	0	0	0	6/30/2025	NA	O - no grass	1 - Hard sand
79	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
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96	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
97	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
98	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
99	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
100	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
101	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
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105	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
106	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
107	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
108	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
109	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
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114	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
115	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
116	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
117	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
118	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
119	0 - None	0	0	0	7/1/2025	NA	O - no grass	1 - Hard sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	0	0				
TOTAL BUSHELS PER SPECIES		0	0	0	0.00	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 25-001BL Old Baldy Aquaculture, Matthew Miller

Date: 7/2/2025



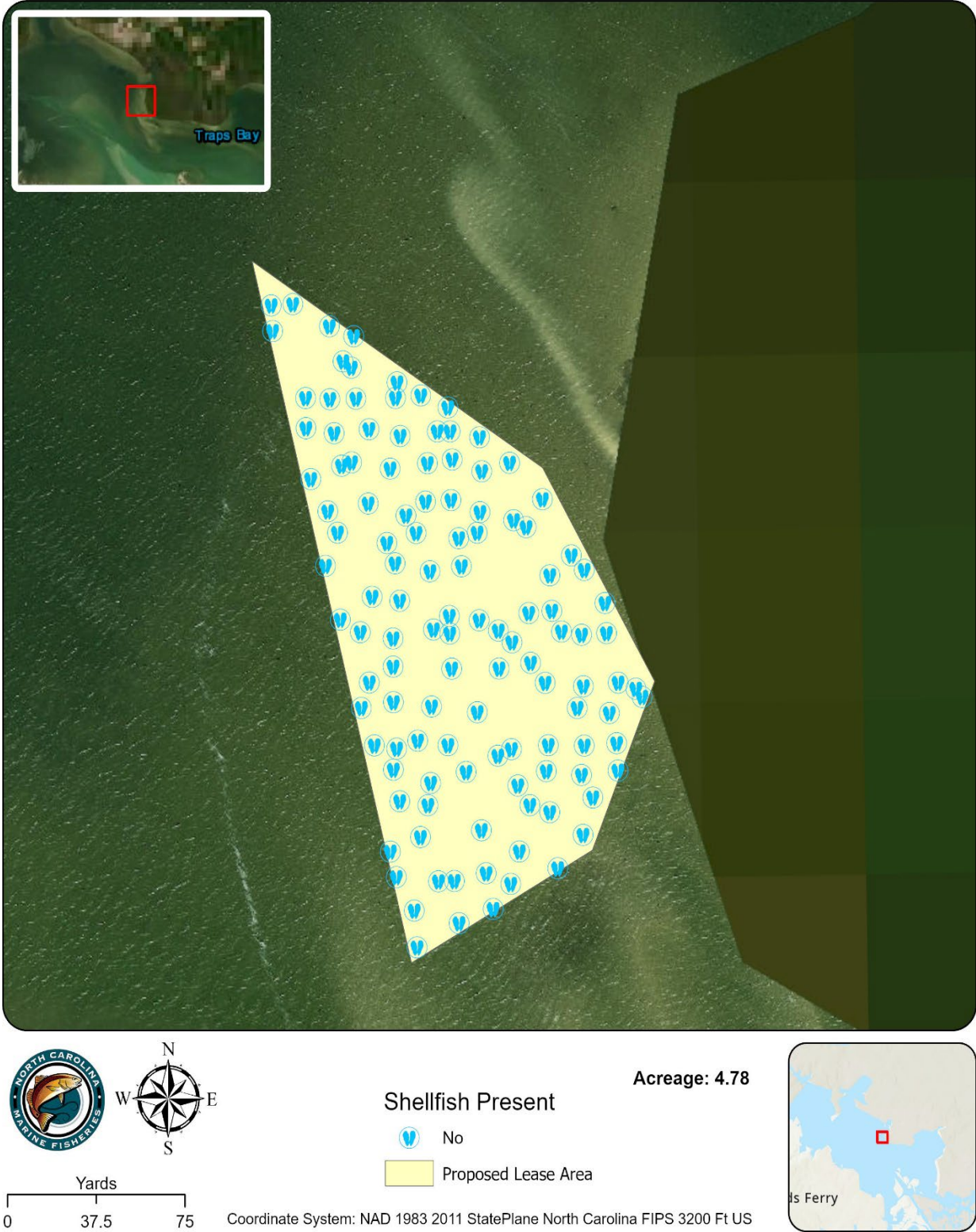
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Date: 7/2/2025



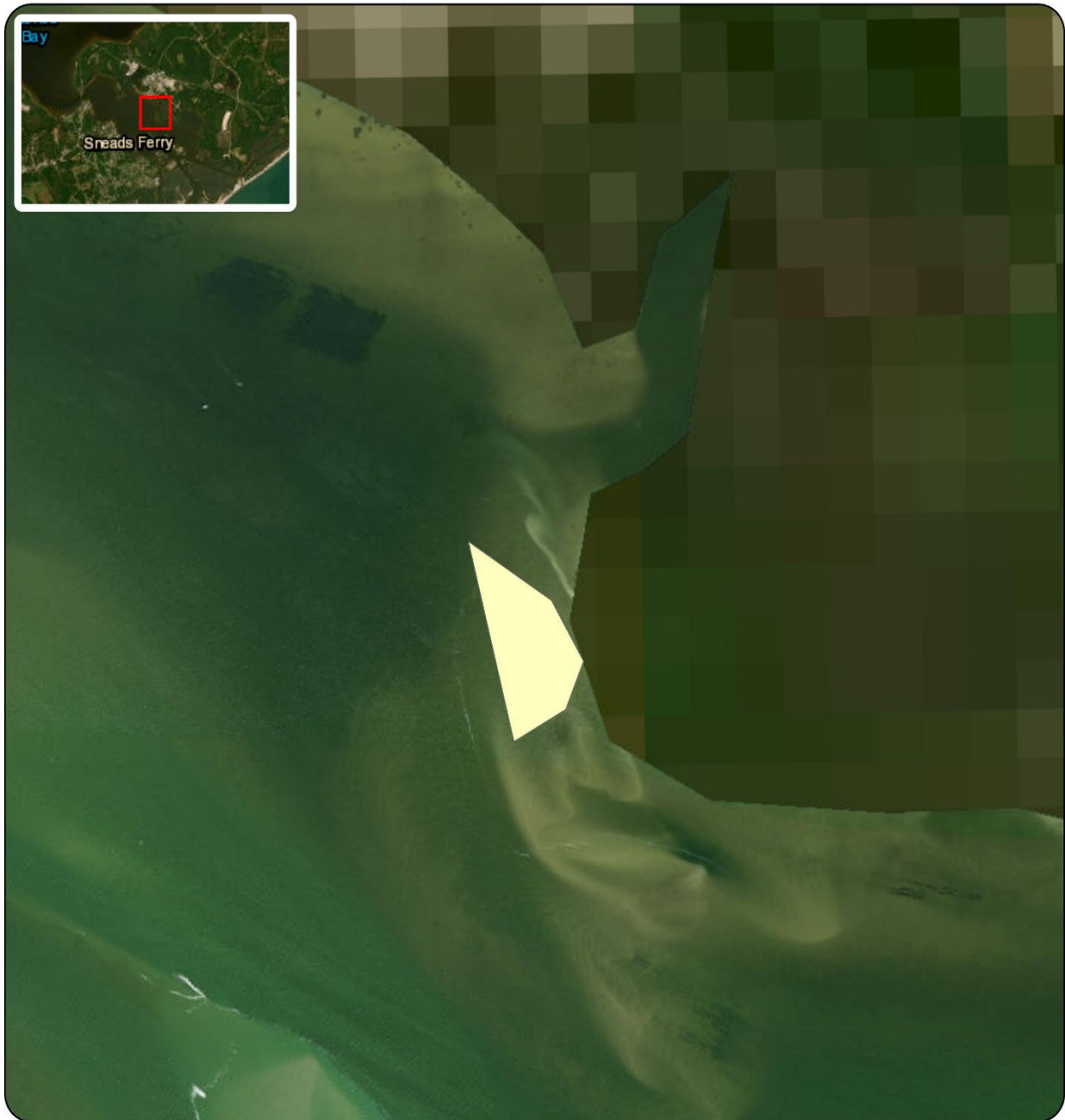
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Yards
0 140 280

Acreage: 4.78

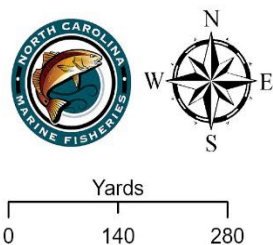
 Proposed Lease Area

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



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Date: 7/2/2025



Shellfish Growing Area Classification

- Approved
- Proposed Lease Area

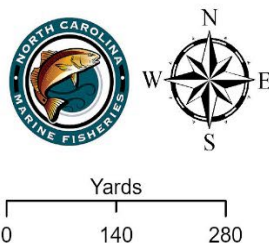
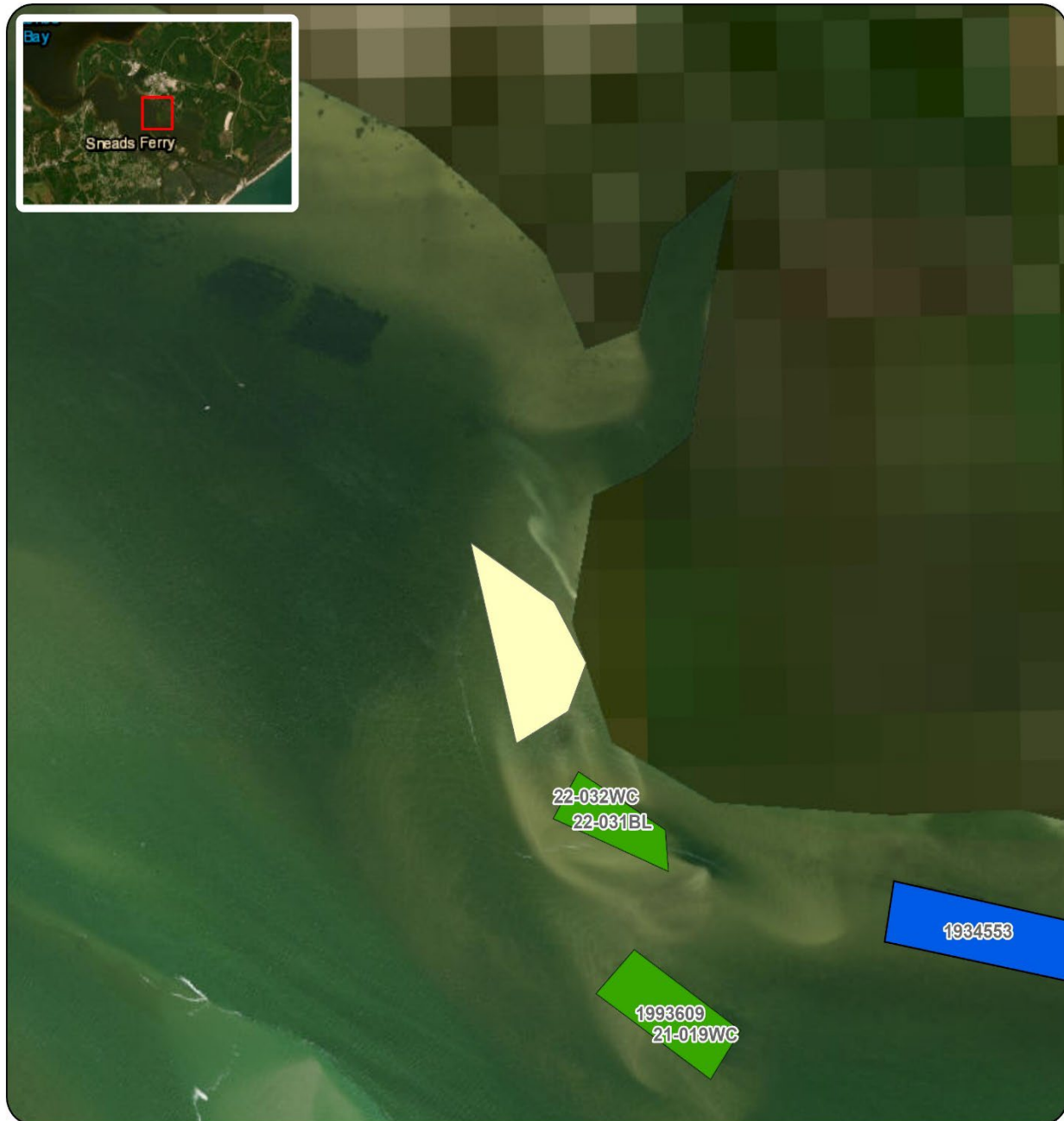
Acreage: 4.78

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Leases

- Bottom
- Water Column
- Proposed Lease Area

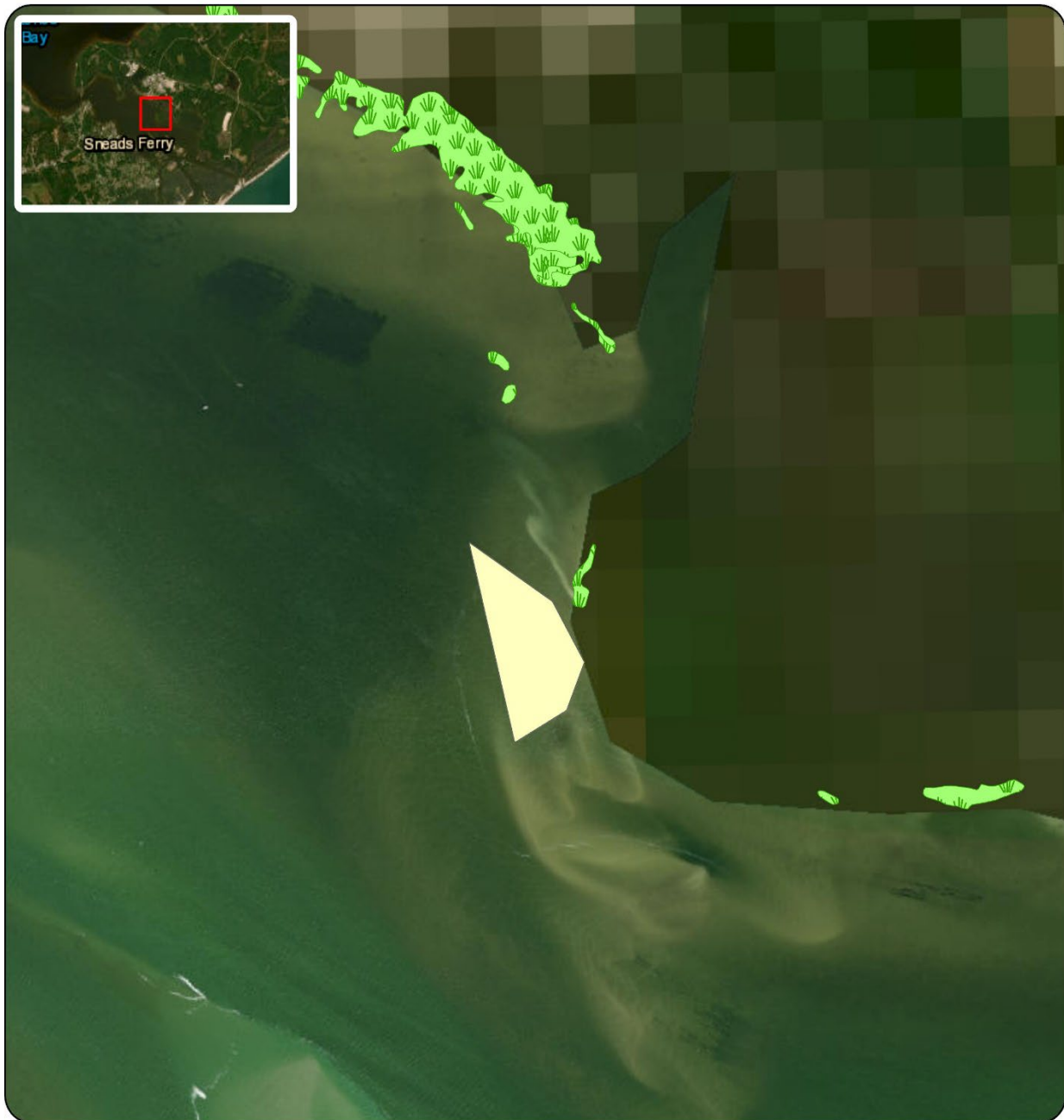
Acreage: 4.78

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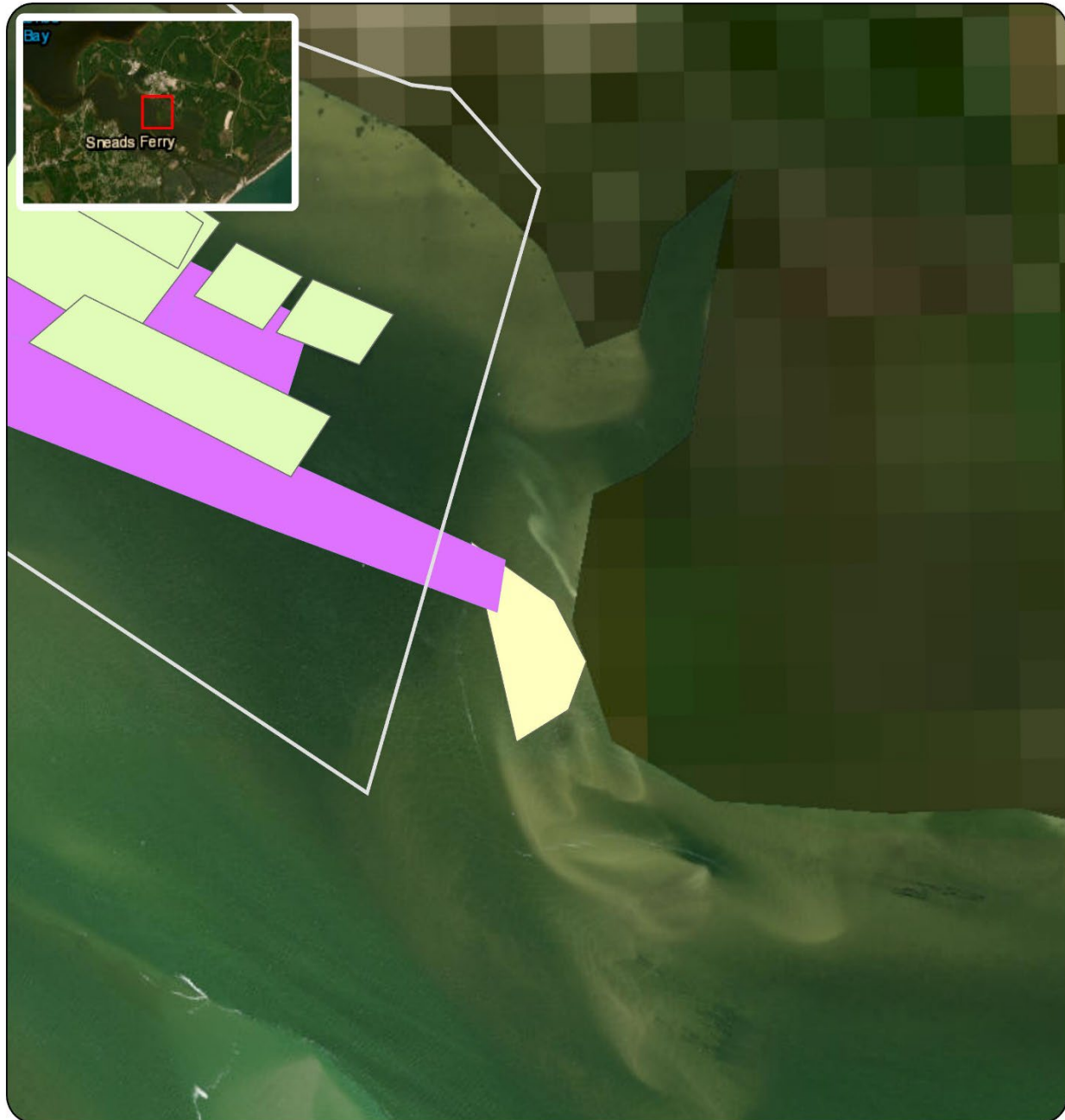
-  Proposed Lease Area
-  Submerged Aquatic Vegetation

Acreage: 4.78



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Date: 7/2/2025



Yards
0 140 280

- Cultch Reefs
- Cultch Permit Area
- Shellfish Seed Management Area
- Proposed Lease Area

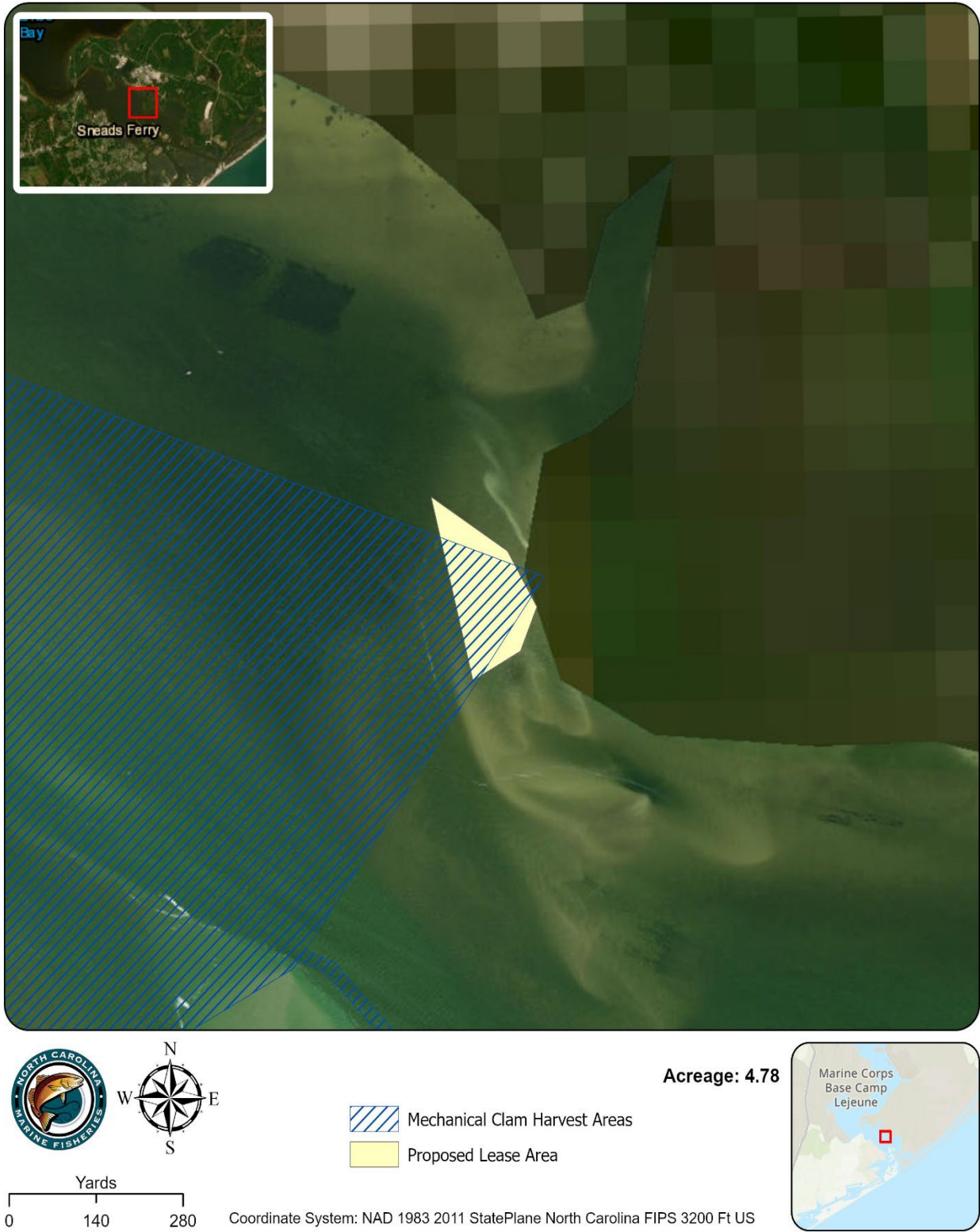
Acreage: 4.78

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Yards
0 140 280

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 Primary Nursery Areas
 Proposed Lease Area

Acreage: 4.78



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