

Shellfish Lease Investigation Report	
Investigation Date	8/26/2025 & 10/7/2025
Applicants name	Joshua A. Thompson
Lease Number	25-026BL/25-027WC
County	Onslow
Waterbody/location	1201010400/ Ellis Cove
Proposed Lease Size (acres)	3.73
Lease Type	Bottom/Water Column
Investigation Team	CG, ST, AF, RF
Gear Used	766 - Patent Tong
Sediment Type	8 - Sand
Bottom Composition	O - no grass
Depth NW Corner (m)	0.7
Depth NE Corner (m)	1.1
Depth SE Corner (m)	1.1
Depth SW Corner (m)	1.1
Average Depth (m)	1
Tidal Stage	B - Mid ebb
Water Temperature (°C)	26.9
Salinity (ppt)	22.2
Dissolved Oxygen (mg/L)	6.4
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	Yes
Other Comments	N/A

Application Coordinates		Modified Coordinates		Actual Coordinates	
34.584993	-77.394720	34.584437	-77.394165	34.584437	-77.394165
34.584437	-77.394165	34.583326	-77.395554	34.583326	-77.395554
34.583326	-77.395554	34.584942	-77.394669	34.584942	-77.394669
34.584035	-77.396302	34.583985	-77.396249	34.583985	-77.396249

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Joshua A. Thompson

Proposed Lease #: 25-026BL/25-027WC

Date: 8/26/2025 & 10/7/2025

Lease size: 3.73 acres # of Samples: 99

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	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
2	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
3	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
4	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
5	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
6	0 - None	0	1	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
7	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
8	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
9	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
10	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
11	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
12	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
13	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
14	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
15	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
16	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
17	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
18	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
19	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
20	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
21	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
22	0 - None	1	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
23	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
24	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
25	0 - None	0	1	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
26	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
27	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
28	0 - None	0	1	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
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34	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
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74	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
75	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
76	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
77	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Joshua A. Thompson

Proposed Lease #: 25-026BL/25-027WC

Date: 8/26/2025 & 10/7/2025

Lease size: 3.73 acres # of Samples: 99

Lease size:	3.73	acres	# of Samples: 99					
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	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
79	0 - None	0	2	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
80	0 - None	0	1	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
81	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
82	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
83	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
84	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
85	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
86	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
87	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
88	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
89	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
90	0 - None	0	1	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
91	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
92	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
93	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
94	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
95	0 - None	0	1	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
96	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
97	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
98	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
99	0 - None	0	0	0	8/26/2025 & 10/7/2025	NA	O - no grass	8 - Sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		1	17	0				
TOTAL BUSHELS PER SPECIES		0.003333333	0.0425	0	1.87	TOTAL BUSHELS OF SHELLFISH PER ACRE		

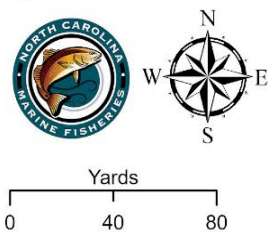
Proposed Lease ID/Number: 25-026BL/25-027WC
Joshua A. Thompson

Date: 9/5/2025



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SAV Present

No

Proposed Lease Area

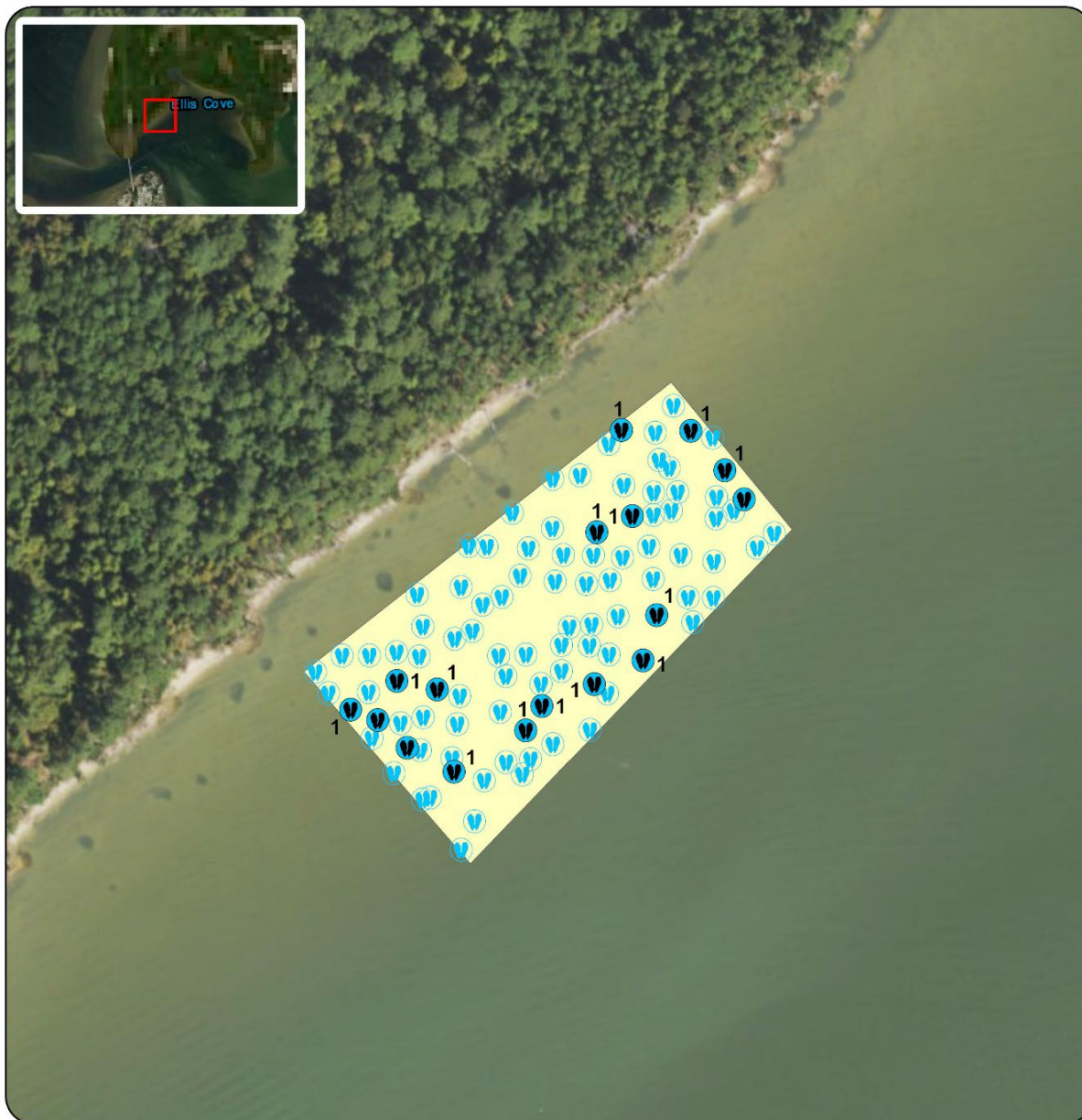
Acreage: 3.73

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



Proposed Lease ID/Number: 25-026BL/25-027WC
Joshua A. Thompson

Date: 9/5/2025



Yards
0 40 80

Shellfish Present

- No
- Yes, Clams

Proposed Lease Area

Acreage: 3.73

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



Proposed Lease ID/Number: 25-026BL/25-027WC
Joshua A. Thompson

Date: 9/5/2025



Yards
0 155 310

Proposed Lease Area

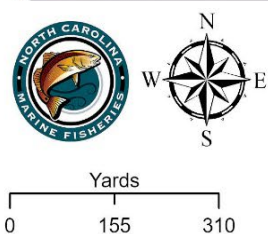
Acreage: 3.73

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



Proposed Lease ID/Number: 25-026BL/25-027WC
Joshua A. Thompson

Date: 9/5/2025



Shellfish Growing Area Classification

- Approved
- Proposed Lease Area

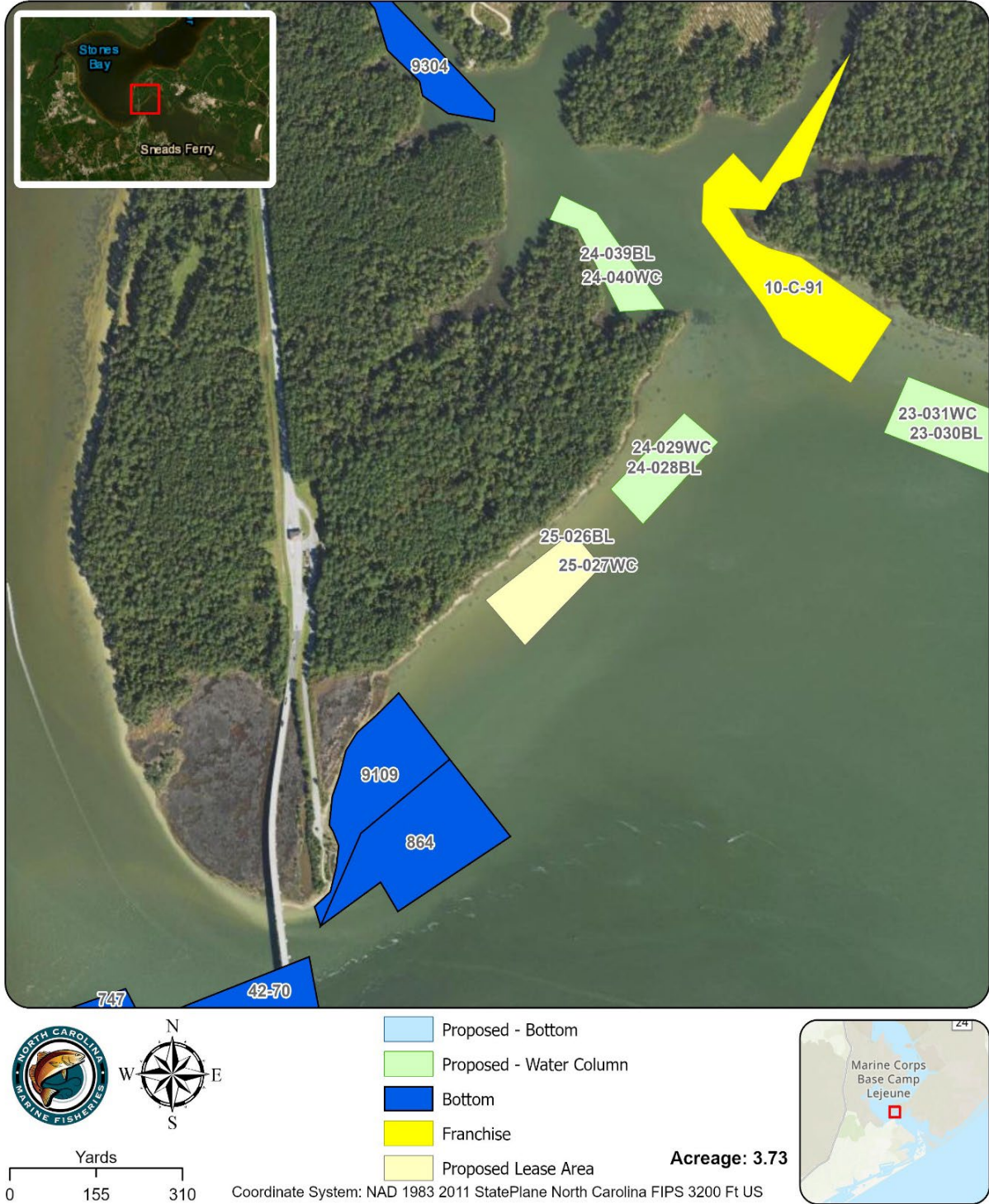
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Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



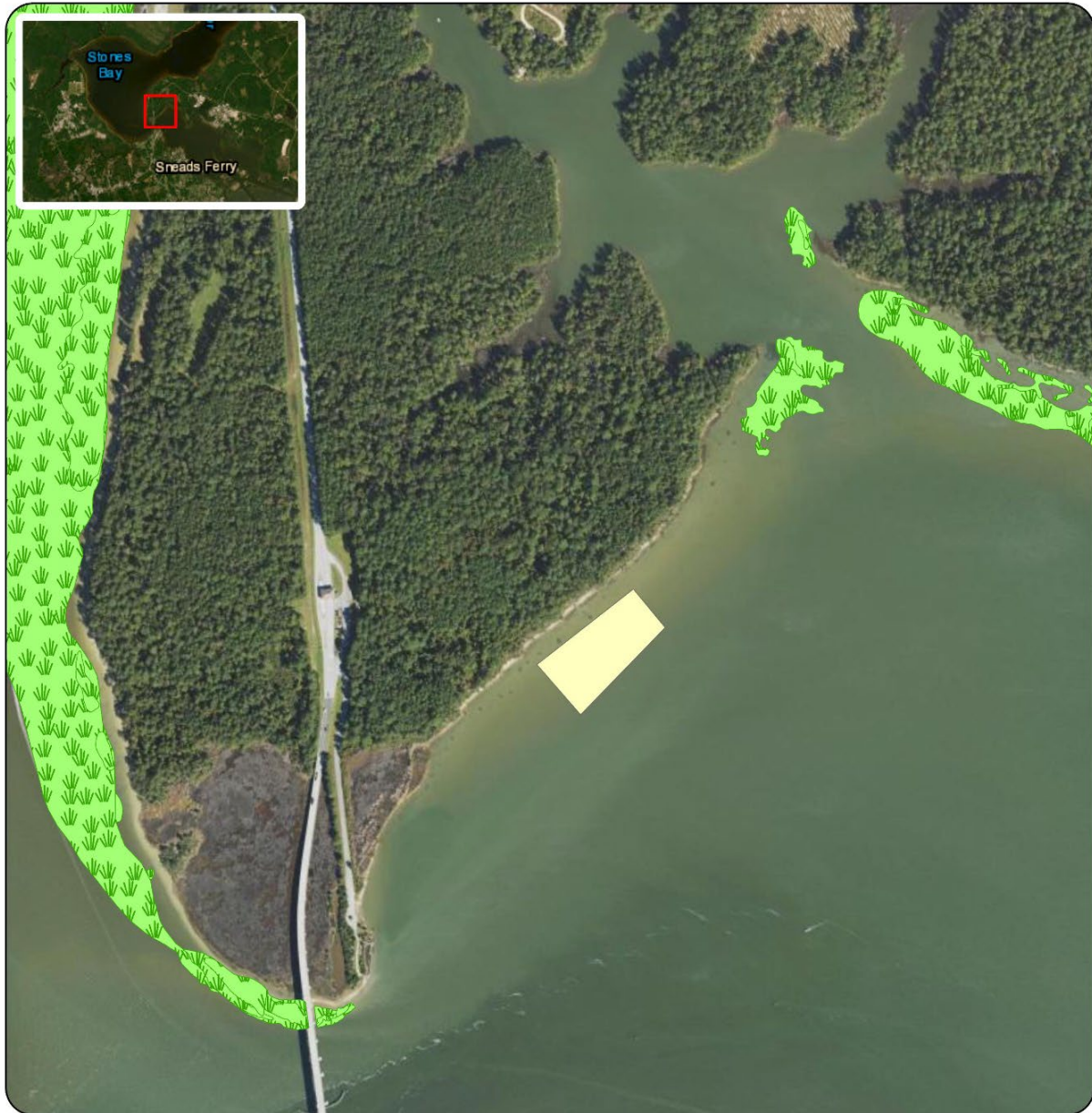
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Joshua A. Thompson

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Yards
0 155 310

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

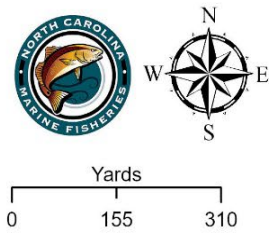
- Proposed Lease Area
- Submerged Aquatic Vegetation

Acreage: 3.73



Proposed Lease ID/Number: 25-026BL/25-027WC
Joshua A. Thompson

Date: 9/5/2025



- Cultch Reefs
- Cultch Permit Area
- SSMA
- Proposed Lease Area

Acreage: 3.73

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



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Joshua A. Thompson

Date: 9/5/2025



Yards
0 155 310

- Mechanical Methods Prohibited
- Mechanical Clam Harvest Areas
- Proposed Lease Area

Acreage: 3.73

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



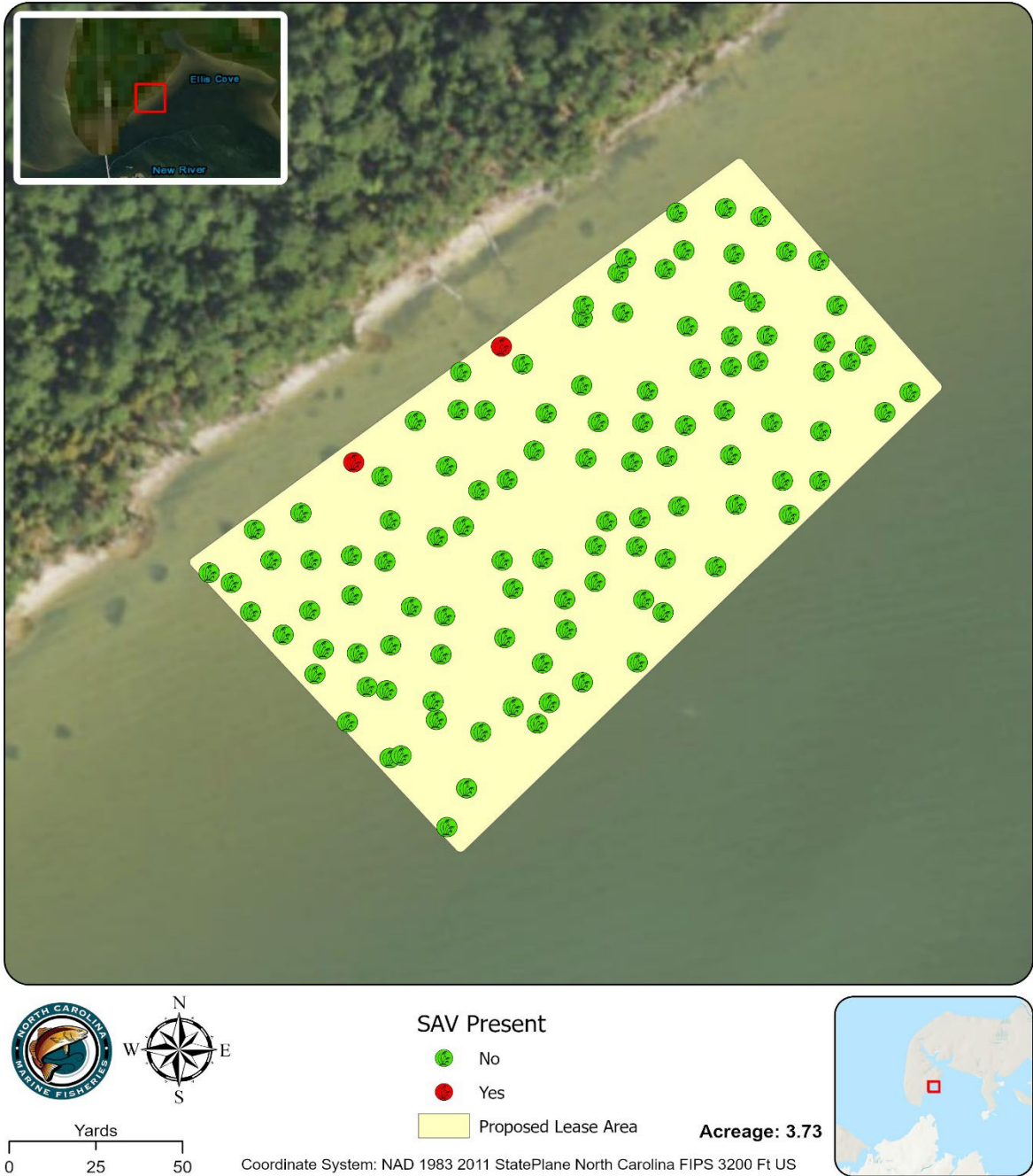
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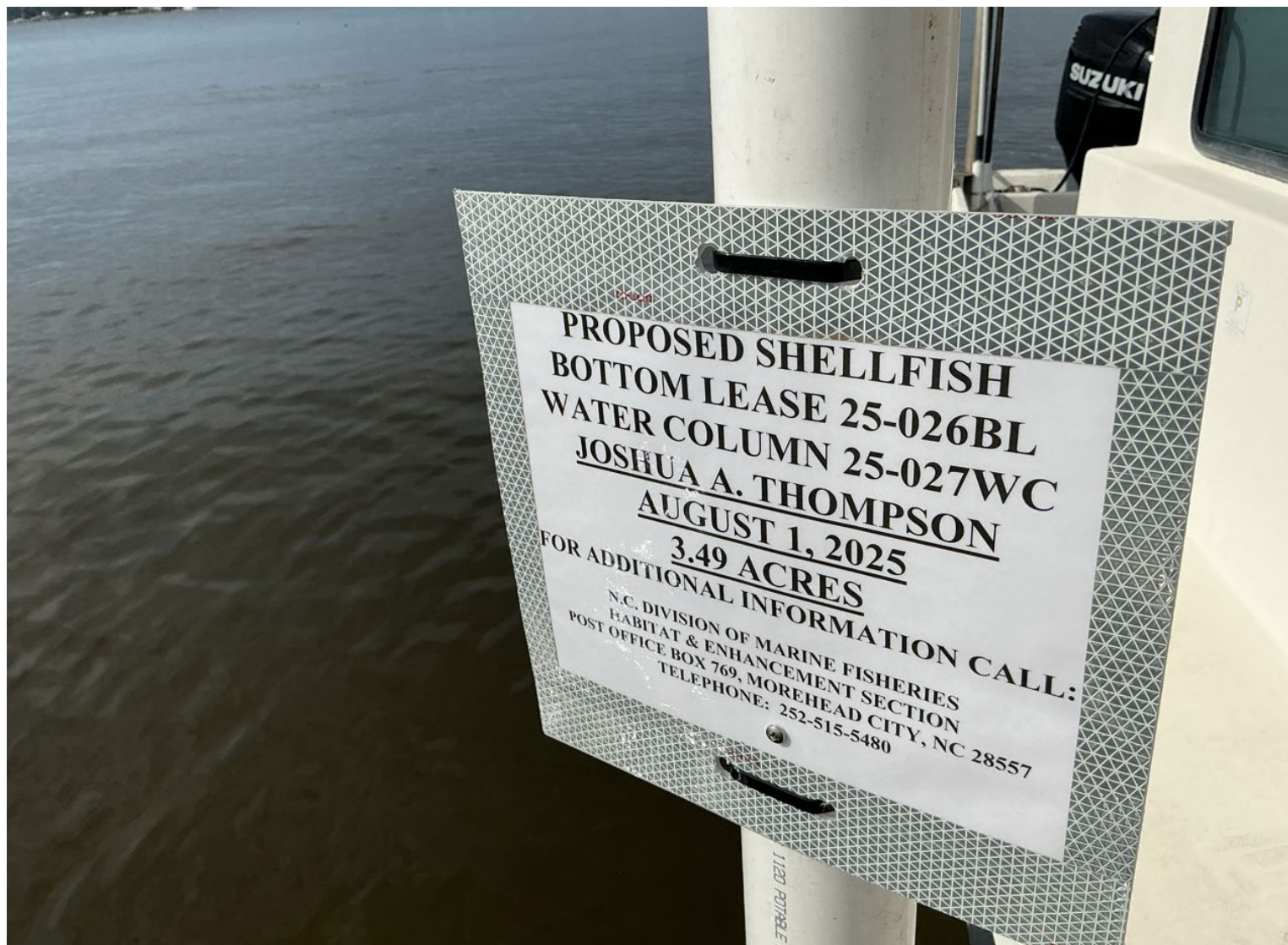
Date: 9/5/2025



Original Footprint
Proposed Lease ID/Number: 25-026BL/25-027WC
Joshua A. Thompson

Date: 10/16/2025





**PROPOSED SHELLFISH
BOTTOM LEASE 25-026BL
WATER COLUMN 25-027WC
JOSHUA A. THOMPSON
AUGUST 1, 2025
3.49 ACRES**

FOR ADDITIONAL INFORMATION CALL:

N.C. DIVISION OF MARINE FISHERIES
HABITAT & ENHANCEMENT SECTION
POST OFFICE BOX 769, MOREHEAD CITY, NC 28557
TELEPHONE: 252-515-5480

1120 P/PALE









