

Shellfish Lease Investigation Report	
Investigation Date	8/21/2024
Applicants name	Thomas A. Cannon
Lease Number	24-023BL
County	Pender
Waterbody/location	1402030000/Banks Channel
Proposed Lease Size (acres)	1.33
Lease Type	Bottom Lease
Investigation Team	ST/AF/EE
Gear Used	766 - Patent Tong
Sediment Type	1 - Hard sand
Bottom Composition	O - no grass
Depth (m)	2.23
Tidal Stage	I - High
Water Temperature (°C)	27.1
Salinity (ppt)	38.5
Dissolved Oxygen (mg/L)	6.4
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	No
In Polluted Area?	
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	Yes
Depth Samples (in meters)	
Depth NE Corner (1)	0.7
Depth SE Corner (2)	0.6
Depth SW Corner (3)	0.7
Depth NW Corner(4)	1.3
Other Comments	

Application Coordinates		Modified Coordinates	
34.385280	-77.609990	34.384903	-77.610542
34.385010	-77.609750	34.384633	-77.610302
34.384380	-77.611130	34.384003	-77.611682
34.384680	-77.611340	34.384303	-77.611892

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Thomas A. Cannon

Proposed Lease #: 24-023BL

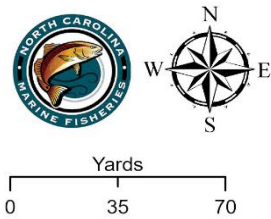
Date: 8/21/2024

Lease size: 1.33 acres # of Samples: 33

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	8/21/2024	NA	O - no grass	L - Hard sand
2	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
3	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
4	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
5	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
6	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
7	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
8	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
9	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
10	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
11	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
12	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
13	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
14	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
15	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
16	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
17	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
18	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
19	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
20	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
21	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
22	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
23	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
24	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
25	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
26	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
27	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
28	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
29	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
30	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
31	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
32	0	0	0	0	8/21/2024	NA	O - no grass	L - Hard sand
33	0	0	0	0	8/21/2024	NA	O - no grass	L - 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		

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 Thomas A. Cannon

Date: 12/30/2024



▲ Proposed Corner Points
 ■ Proposed Lease Area

Acreage: 1.33

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



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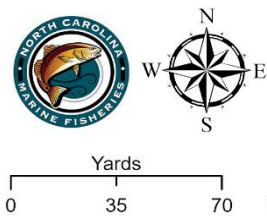
- No SAV Present
- Proposed Lease Area

Acreage: 1.33



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Shellfish Present

- No
- Proposed Lease Area

Acreage: 1.33


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 Proposed Lease Area

Acreage: 1.33



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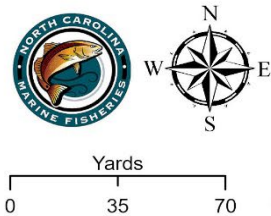
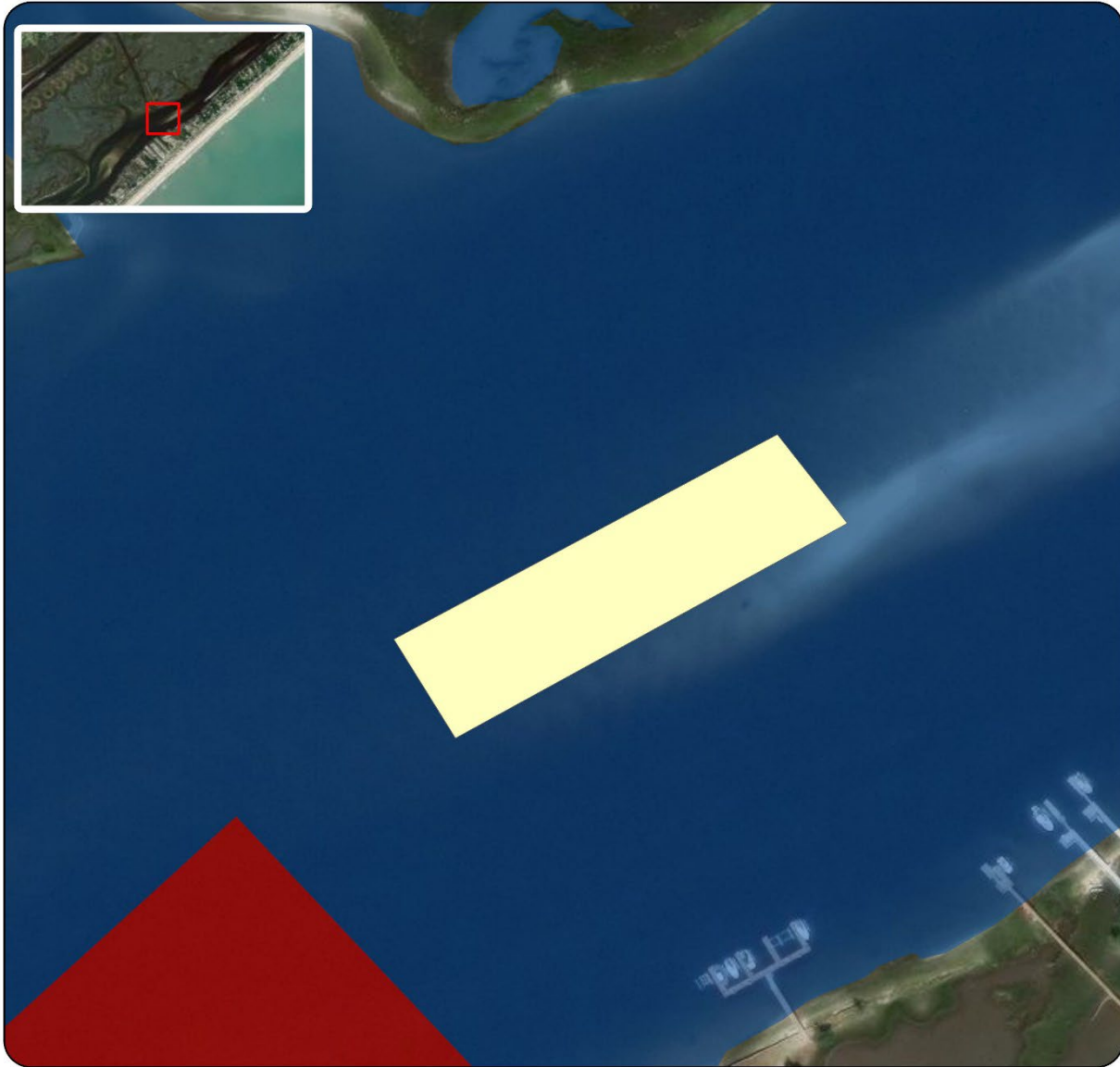
-  Submerged Aquatic Vegetation
-  Proposed Lease Area

Acreage: 1.33



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Shellfish Growing Area Classification

- Approved
- Closed Shellfish Harvest Area - Prohibited
- Proposed Lease Area

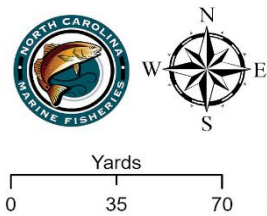
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- Navigational Channel Centerline
- ICW Setback
- Proposed Lease Area

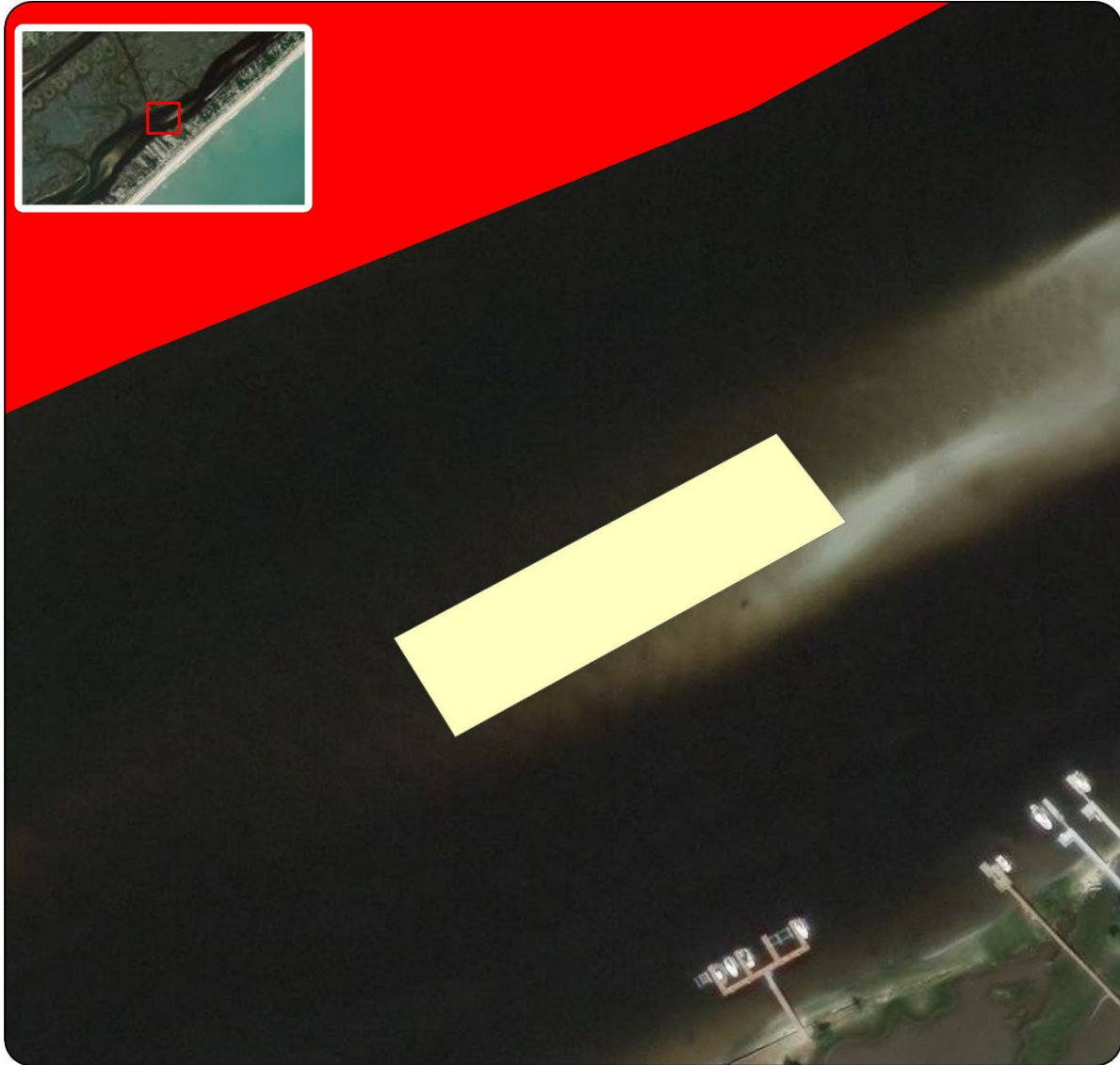
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- Primary Nursery Areas
- Proposed Lease Area

Acreage: 1.33

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