

Shellfish Lease Investigation Report	
Investigation Date	8/19/2025 & 10/06/2025
Applicants name	Anthony Grant
Lease Number	25-017BL
County	Onslow
Waterbody/location	Alligator Bay/ 1301010000
Proposed Lease Size (acres)	0.87
Lease Type	Bottom Lease
Investigation Team	RF, CG, ST, KF, MT
Gear Used	766 - Patent Tong
Sediment Type	6 - Muddy sand
Bottom Composition	O - no grass
Depth NW Corner (m)	0.7
Depth NE Corner (m)	1
Depth SE Corner (m)	1.1
Depth SW Corner (m)	0.9
Average Depth (m)	0.9
Tidal Stage	F - Late flood
Water Temperature (°C)	29.3
Salinity (ppt)	26.3
Dissolved Oxygen (mg/L)	3.8
Comments on SAV in or around Proposed Lease location	N/A
Other Species Collected	N/A
In PNA?	Yes
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	Yes
Other Comments	N/A

Application Coordinates		Modified Coordinates		Actual Coordinates	
34.514762	-77.407006	34.513478	-77.407822	34.513478	-77.407822
34.514492	-77.406716	34.513748	-77.408009	34.513748	-77.408009
34.513478	-77.407822	34.514187	-77.407048	34.514187	-77.407048
34.513748	-77.408009	34.514420	-77.407344	34.514420	-77.407344

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Anthony Grant**

Proposed Lease #: 25-017BL

Date: 8/19/2025 & 10/06/2025

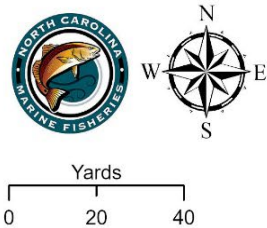
Lease size: **0.87** acres

of Samples: 23

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	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
2	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
3	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
4	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
5	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
6	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
7	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
8	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
9	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
10	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
11	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
12	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
13	0 - None	0	1	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
14	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
15	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
16	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
17	0 - None	0	1	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
18	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
19	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
20	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
21	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
22	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
23	0 - None	0	0	0	8/19/2025 & 10/06/20	NA	O - no grass	6 - Muddy sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	2	0				
TOTAL BUSHELS PER SPECIES		0	0.005	0	0.88	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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Date: 9/3/2025



Acreage: 0.87

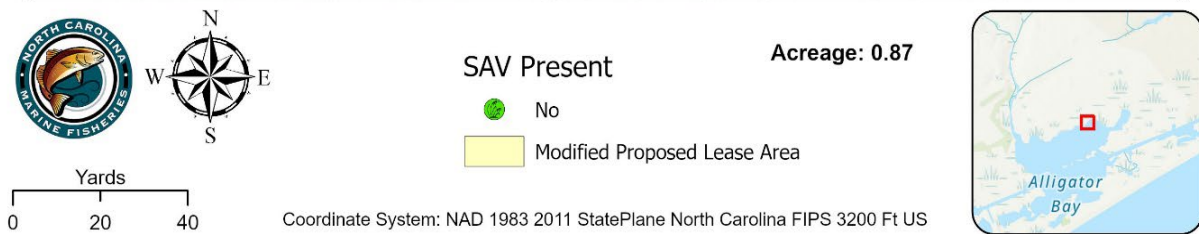
▲ Proposed Corner Points
■ Modified Proposed Lease Area

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



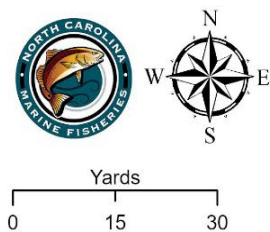
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Proposed Lease ID/Number: 25-017BL
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Date: 9/5/2025



Shellfish Present



No



Yes, Clams



Modified Proposed Lease Area

Acreage: 0.87

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Date: 9/3/2025



Yards
0 55 110

Acreage: 0.87

Modified Proposed Lease Area



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

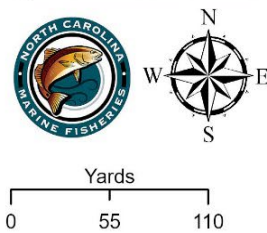
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Acreage: 0.87

Proposed - Bottom

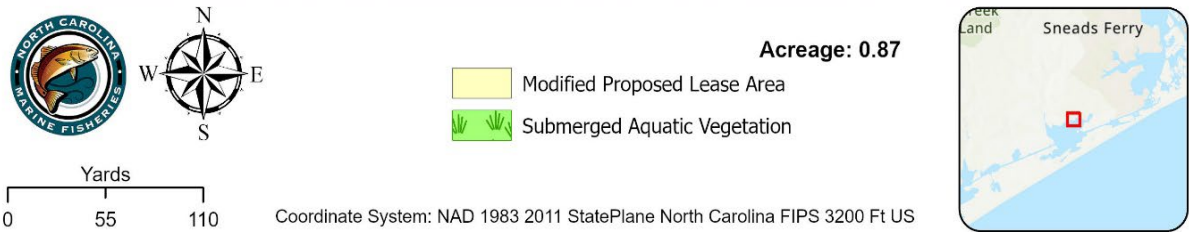
Modified Proposed Lease Area

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Yards
0 55 110

- Mechanical Methods Prohibited
- Modified Proposed Lease Area

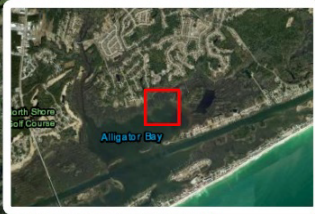
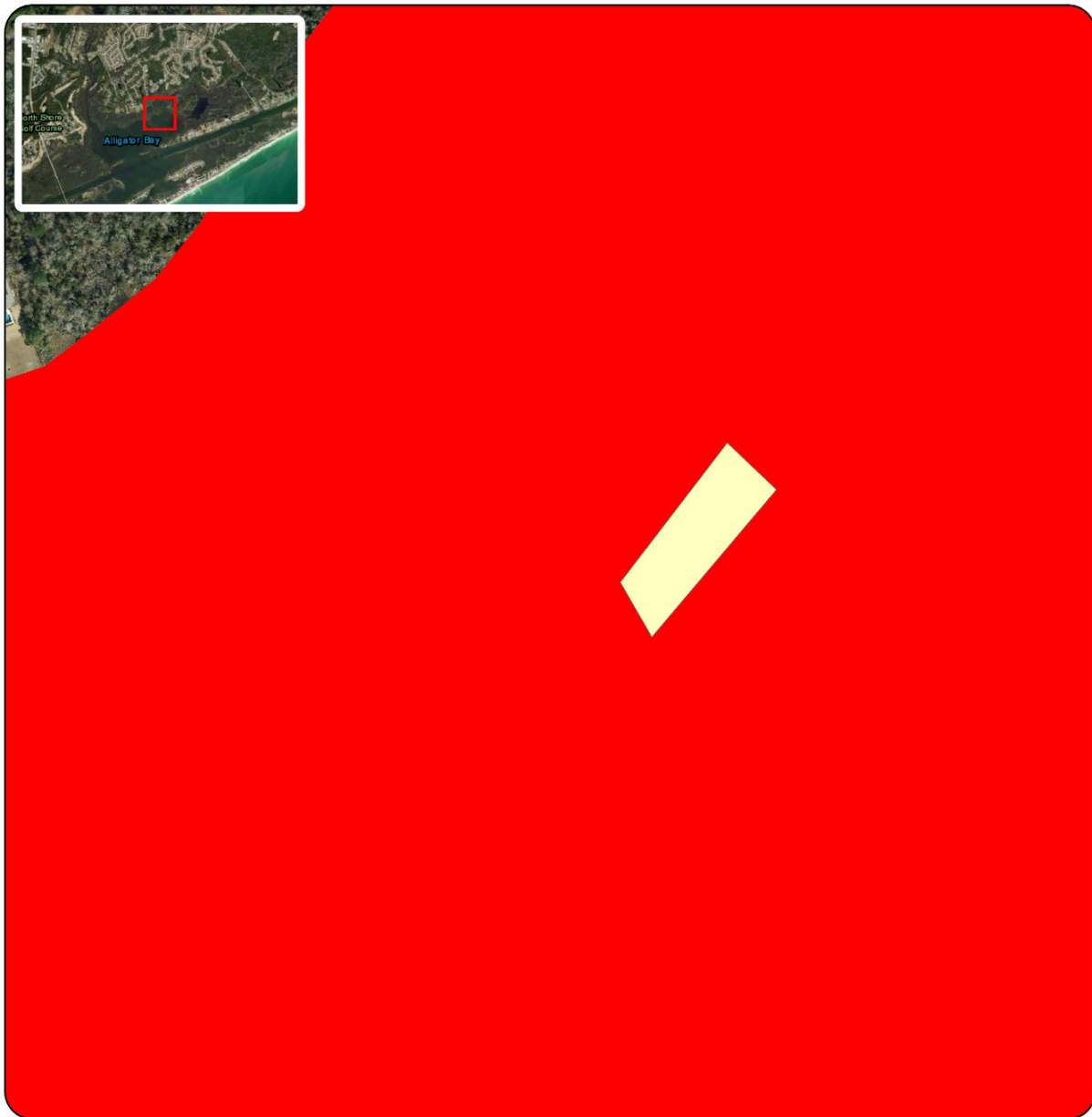
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Yards
0 55 110

- Primary Nursery Areas
- Modified Proposed Lease Area

Acreage: 0.87

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