

Shellfish Lease Investigation Report	
Investigation Date	8/30/2021
Applicants name	Patrick Tosto
Lease Number	22-059BL
County	Carteret
Waterbody/location	Lower North River
Proposed Lease Size (acres)	1.87
Lease Type	Bottom
Investigation Team	S. Tripp/D. Walters/G. Stilson
Gear Used	766 - Patent Tong
Sediment Type	8 - sand (sand in hard and firm strata)
Bottom Composition	O - no grass
Depth (m)	0.75
Tidal Stage	Rising
Water Temperature (°C)	28.2
Salinity (ppt)	36.3
Dissolved Oxygen (mg/L)	6.1
Comments on SAV in or around Proposed Lease location	None
Other Species Collected	
In PNA?	No
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Modified Application Coordinates		Actual Coordinates	
-76.61822200	34.72782300	-76.61680936	34.72689974	-76.61679556	34.72694775
-76.61665600	34.72687000	-76.61730835	34.72635805	-76.61727889	34.72637142
-76.61723500	34.72637700	-76.61826082	34.72701688	-76.61819722	34.72701275
-76.61865100	34.72734700	-76.61778861	34.72749567	-76.61779356	34.72745975

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Patrick Tosto

Proposed Lease #: 22-059BL

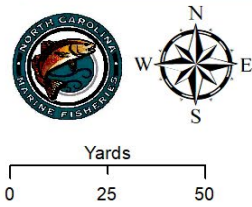
Date: 8/30/2021

Lease size: 1.87 acres # of Samples: 50

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	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
2	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
3	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
4	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
5	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
6	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
7	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
8	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
9	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
10	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
11	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
12	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
13	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
14	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
15	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
16	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
17	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
18	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
19	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
20	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
21	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
22	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
23	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
24	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
25	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
26	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
27	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
28	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
29	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
30	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
31	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
32	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
33	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
34	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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37	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
38	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
39	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
40	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
41	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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44	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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46	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
47	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
48	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
49	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
50	0	0	0	0	8/30/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
	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	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 22-059BL
Patrick Tosto

Date: 9/14/2022



- ▲ Proposed Corner Points
- Proposed Lease Area

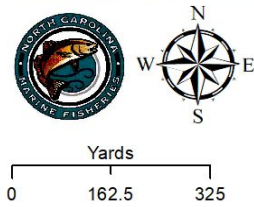
Acreage: 1.87


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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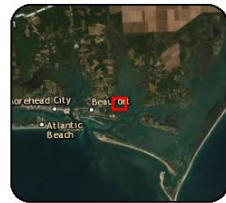
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 Proposed Lease Area

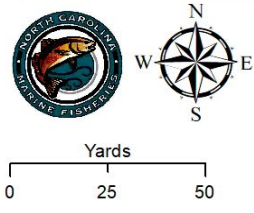
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- No Bivalve Shellfish Present
- Proposed Lease Area

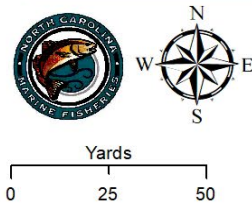
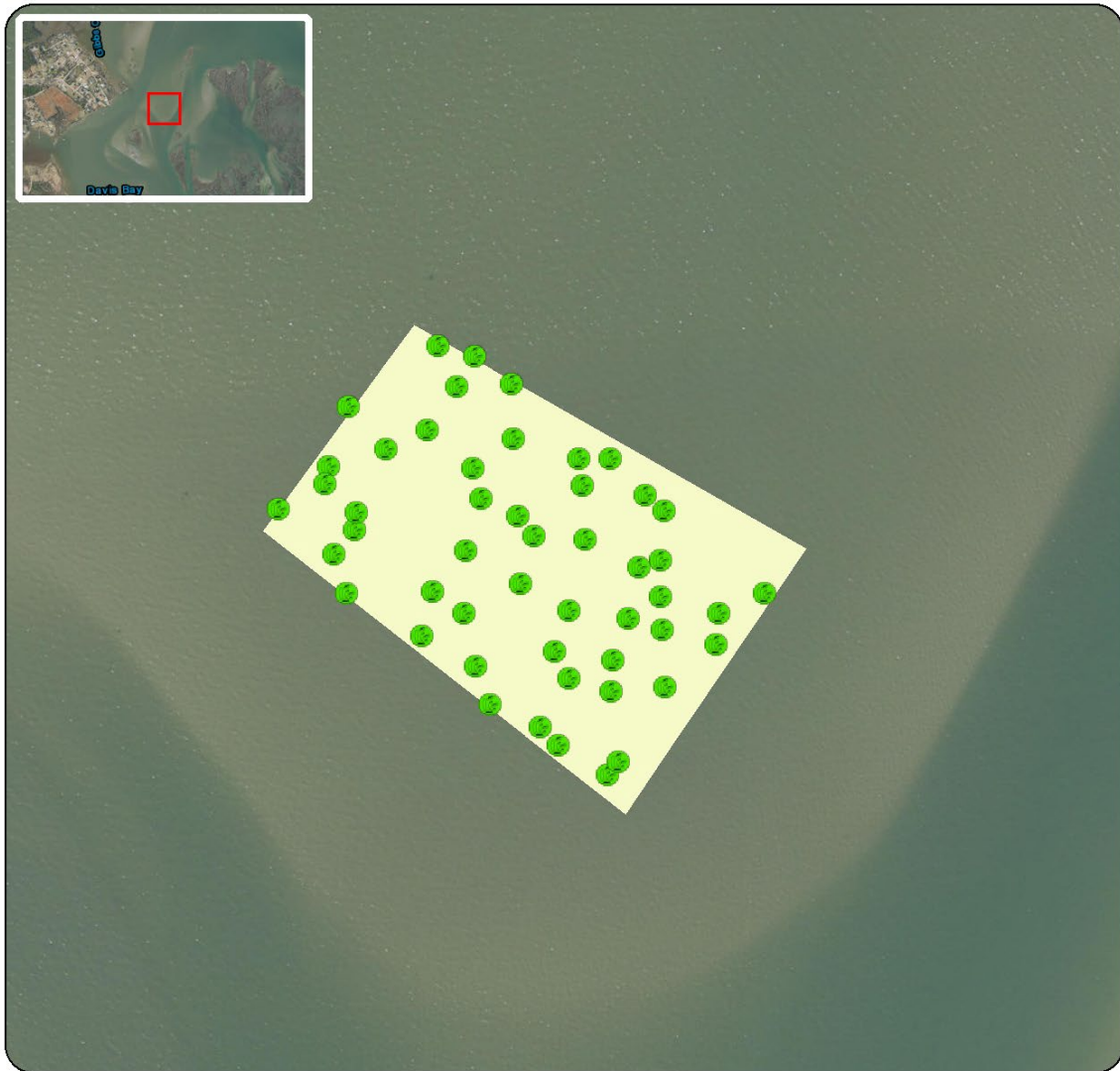
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
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-  No SAV Present
-  Proposed Lease Area

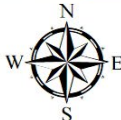
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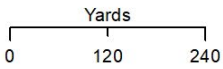
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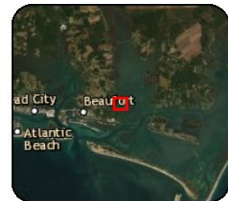


-  Submerged Aquatic Vegetation
-  Proposed Lease Area

Acreage: 1.87

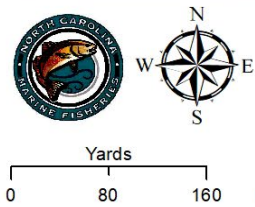
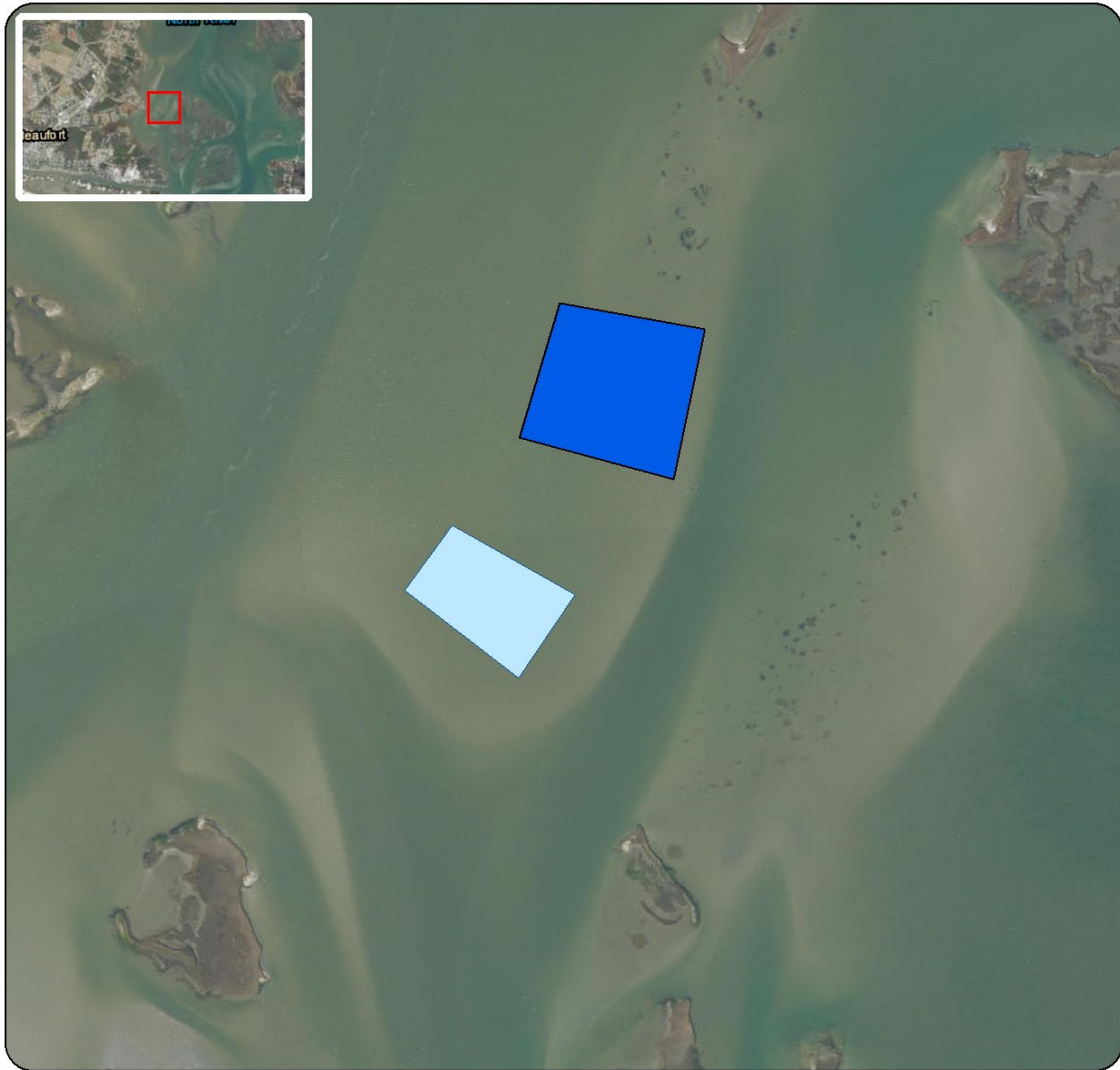


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Lease Type
Proposed - Bottom
Bottom

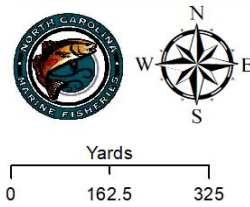
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- Proposed Lease Area
- SGA Current Classifications**
- Conditionally Approved - Open
- CSHA - Prohibited
- Conditionally Approved - Closed

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