

Shellfish Lease Investigation Report	
Investigation Date	8/23/2023
Applicants name	Alexander E. Chadwick
Lease Number	23-041BL
County	Carteret
Waterbody/location	Lower North River
Proposed Lease Size (acres)	1.05
Lease Type	Bottom Lease
Investigation Team	S. Tripp; A. Frost
Gear Used	935 - Hand Sampling
Sediment Type	Hard Sand
Bottom Composition	No Grass
Depth (m)	0.5
Tidal Stage	Low Falling
Water Temperature (°C)	27.7
Salinity (ppt)	41.3
Dissolved Oxygen (mg/L)	5.8
Comments on SAV in or around Proposed Lease location	Grass outside southern end of lease.
Other Species Collected	None
In PNA?	No
In Polluted Area?	No
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Modified Coordinates		Actual Coordinates	
34.734730	-76.584470	34.734748	-76.584451	34.734864	-76.584908
34.733920	-76.584720	34.733938	-76.584701	34.734758	-76.584435
34.734090	-76.585170	34.734108	-76.585151	34.733911	-76.584696
34.734860	-76.584950	34.734878	-76.584931	34.734083	-76.585161

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Alexander E. Chadwick

Proposed Lease #: 23-0418L

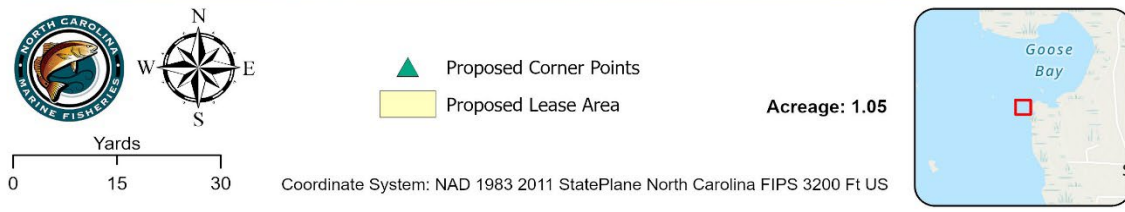
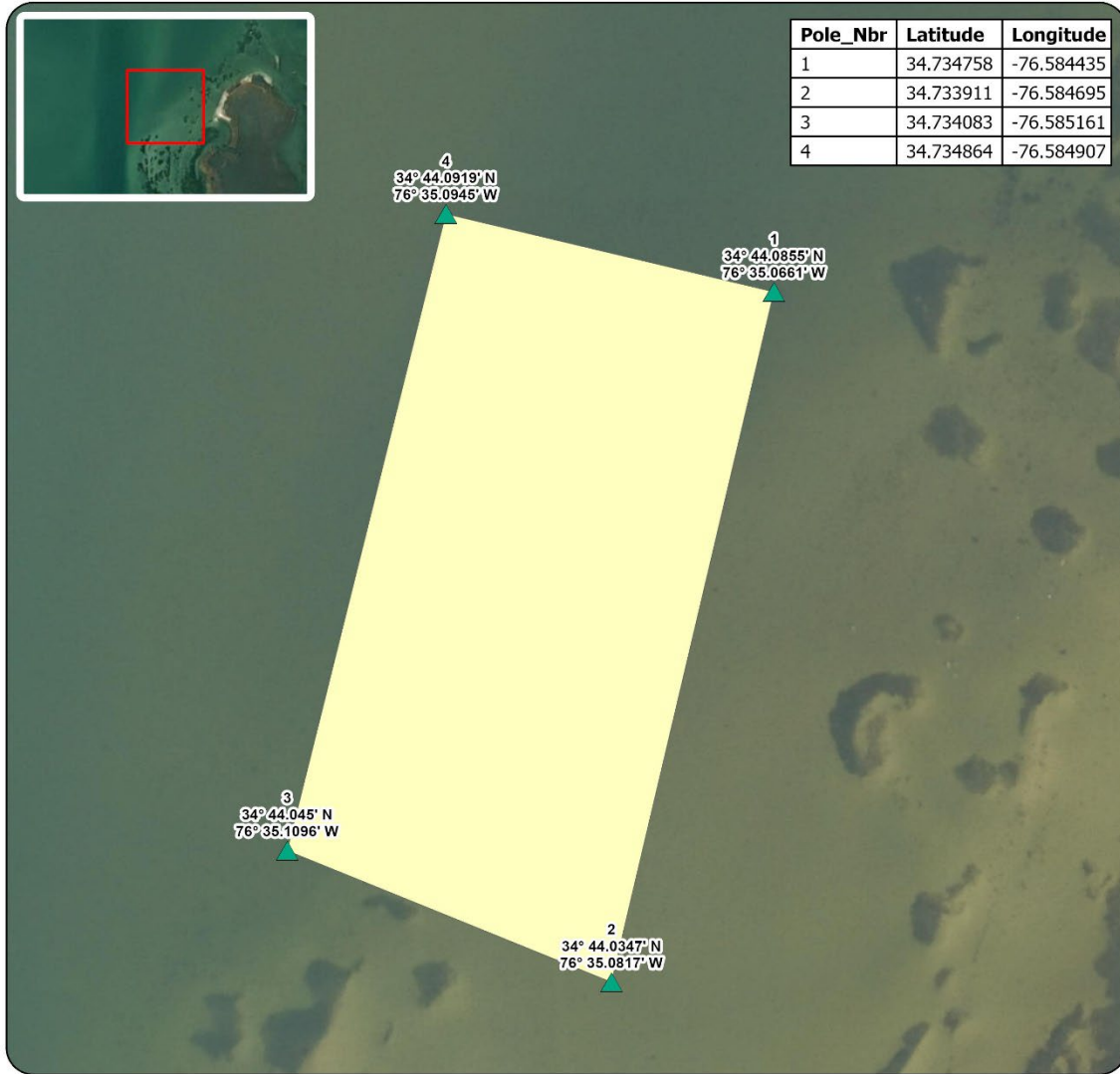
Date: 8/23/2023

Lease size: 1.05 acres # of Samples: 25

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	8/23/2023	NA	No Grass	Hard Sand
2	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
3	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
4	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
5	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
6	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
7	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
8	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
9	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
10	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
11	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
12	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
13	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
14	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
15	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
16	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
17	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
18	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
19	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
20	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
21	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
22	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
23	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
24	0	0	0	0	8/23/2023	NA	No Grass	Hard Sand
25	0	0	0	0	8/23/2023	NA	No Grass	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	TOTAL BUSHELS OF SHELLFISH PER ACRE		

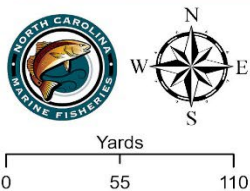
Proposed Lease ID/Number: 23-041BL Alexander Chadwick

Date: 8/29/2023



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Proposed Lease Area

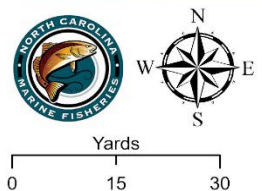
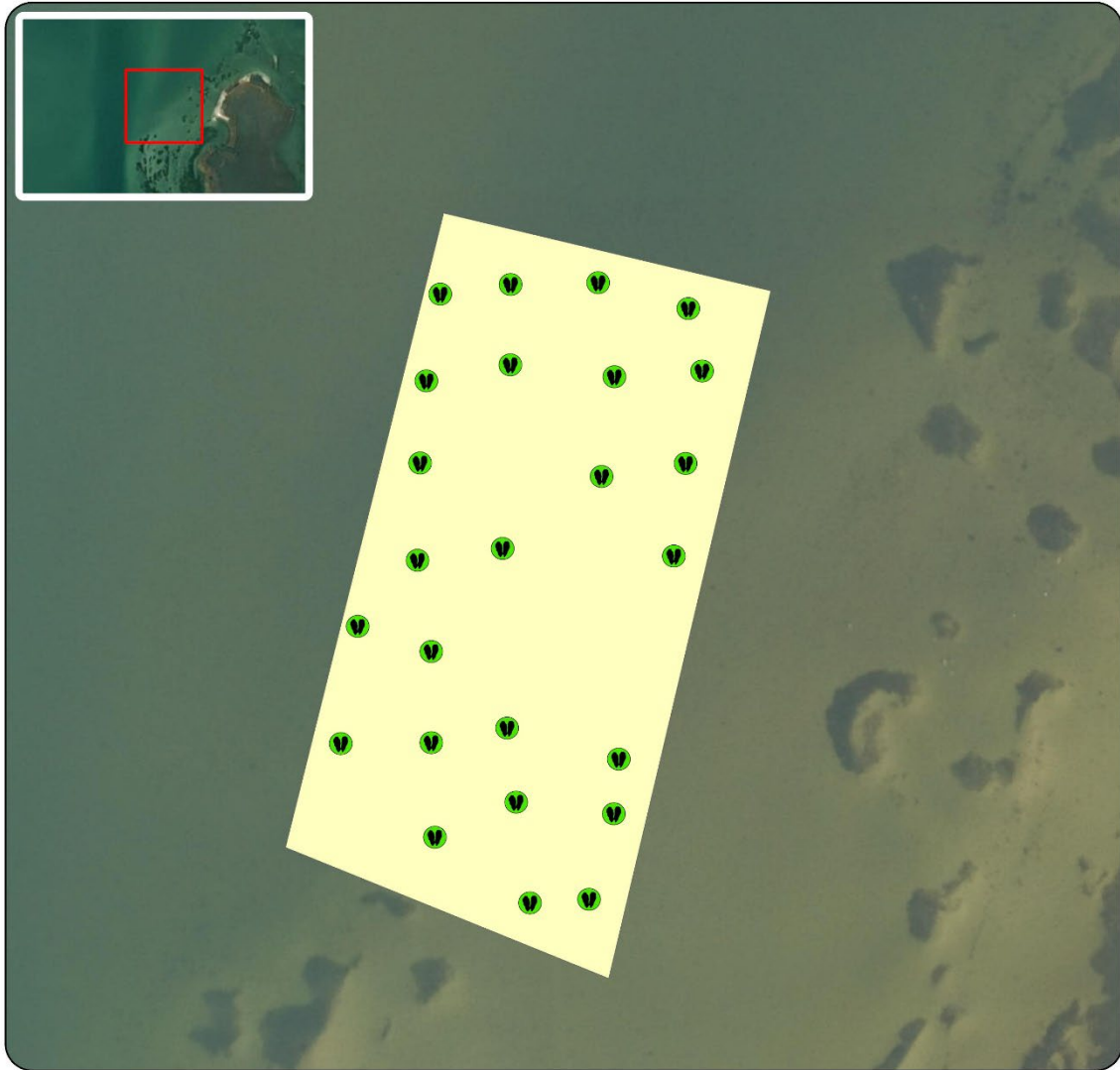
Acreage: 1.05

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



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Shellfish Present
● No
■ Proposed Lease Area

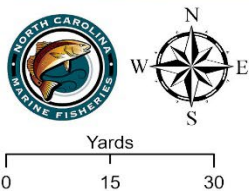
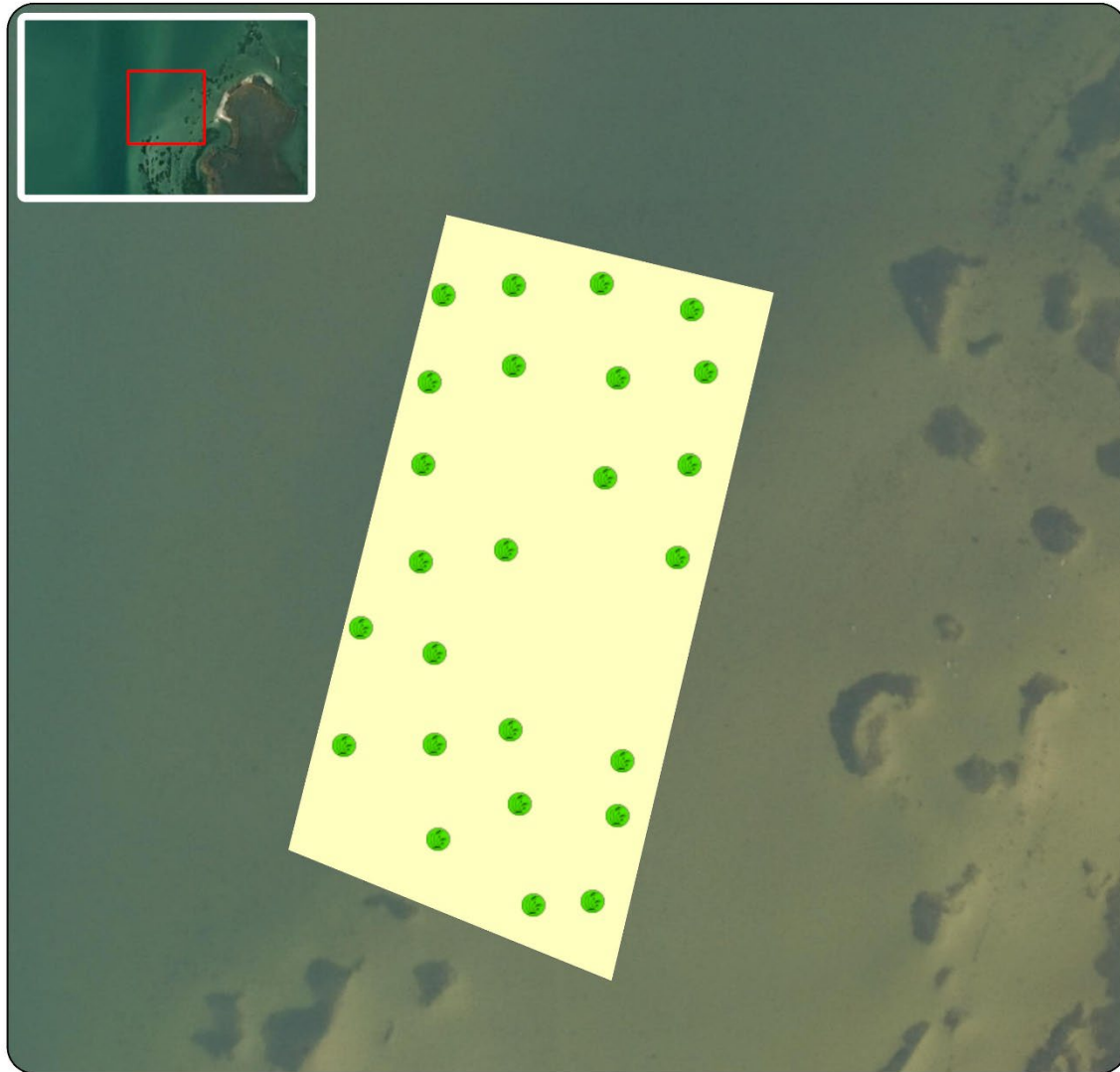
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
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-  No SAV Present
-  Proposed Lease Area

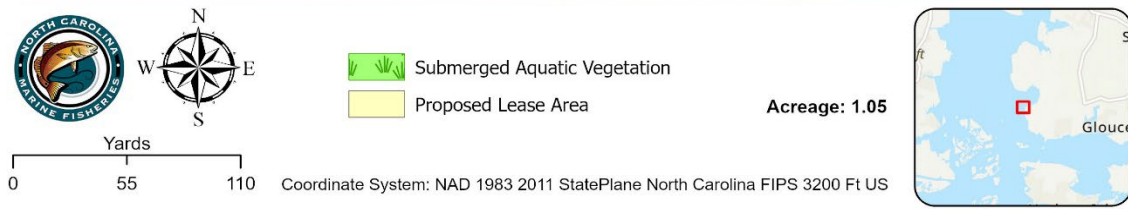
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SGA Classification

-  Conditionally Approved - Open
-  Proposed Lease Area

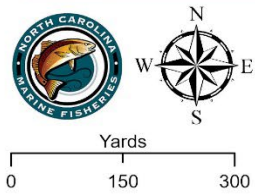
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- Lease Type
- Proposed - Bottom
 - Bottom
 - Water Column

Acreage: 1.05

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





