

Shellfish Lease Investigation Report	
Investigation Date	8/23/2023
Applicants name	Larry G. Kellum, Jr.
Lease Number	23-020BL
County	Carteret
Waterbody/location	North River
Proposed Lease Size (acres)	1.07
Lease Type	Bottom Lease
Investigation Team	S. Tripp A. Frost
Gear Used	Hand Sampling
Sediment Type	Sandy Mud
Bottom Composition	No Grass
Depth (m)	1
Tidal Stage	Low Falling
Water Temperature (°C)	27.4
Salinity (ppt)	36.9
Dissolved Oxygen (mg/L)	5.6
Comments on SAV in or around Proposed Lease location	None
Other Species Collected	None
In PNA?	Yes
In Polluted Area?	Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Actual Coordinates	
34.795250	-76.607567	34.794409	-76.607718
34.794750	-76.607117	34.794857	-76.608131
34.794383	-76.607700	34.795263	-76.607604
34.794867	-76.608133	34.794755	-76.607147

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Larry G. Kellum, Jr.

Proposed Lease #: 23-0208L

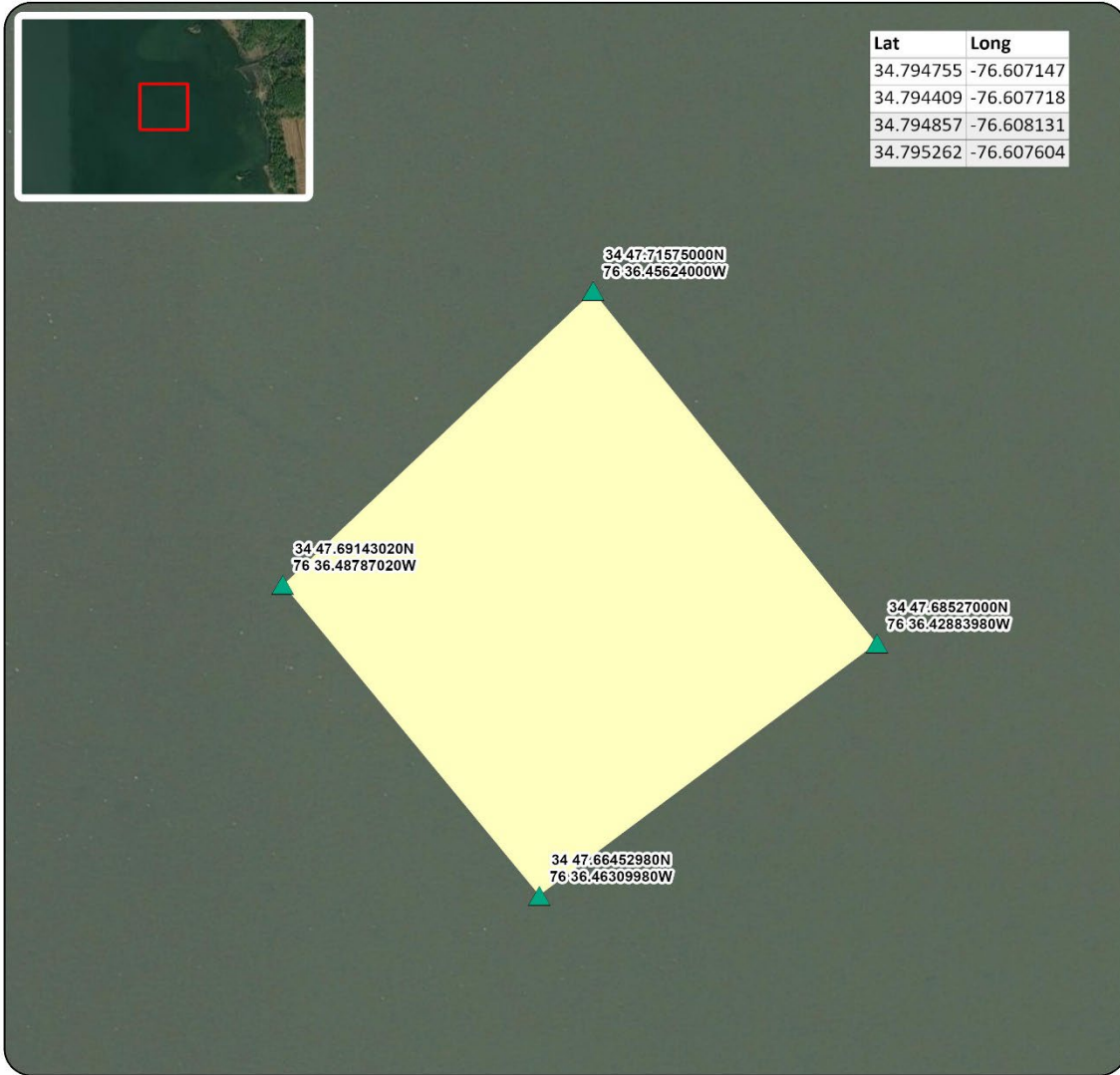
Date: 8/23/2023

Lease size: 1.07 acres # of Samples: 28

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	Sandy Mud
2	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
3	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
4	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
5	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
6	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
7	0	0	1	0	8/23/2023	NA	No Grass	Sandy Mud
8	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
9	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
10	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
11	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
12	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
13	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
14	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
15	0	0	1	0	8/23/2023	NA	No Grass	Sandy Mud
16	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
17	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
18	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
19	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
20	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
21	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
22	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
23	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
24	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
25	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
26	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
27	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
28	0	0	0	0	8/23/2023	NA	No Grass	Sandy Mud
	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	0.72	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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Date: 8/25/2023



▲ Proposed Corner Points
 ■ Proposed Lease Area

Acreage: 1.07

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



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 Proposed Lease Area

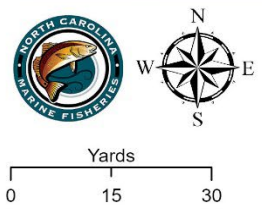
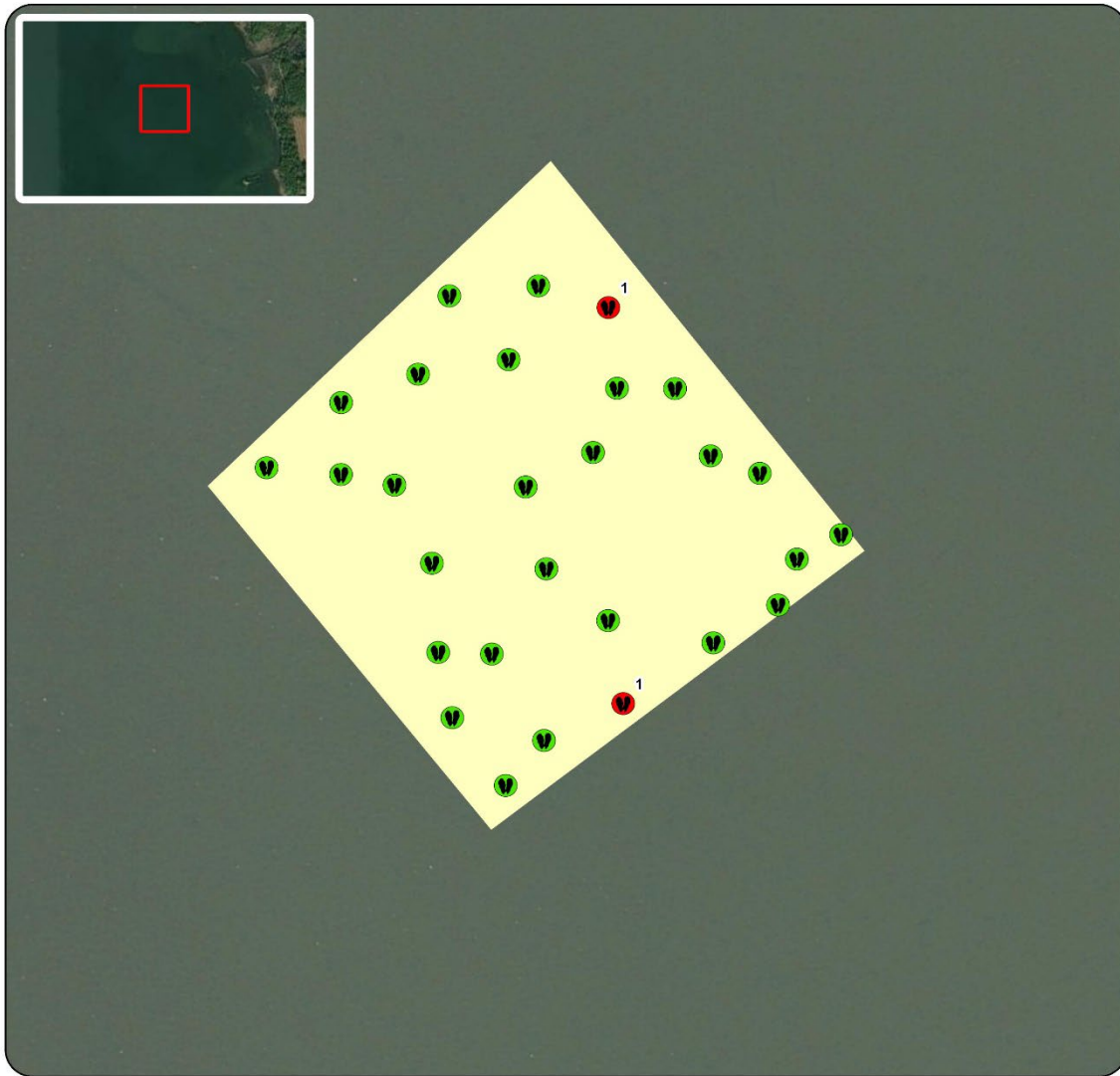
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Acreage: 1.07



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Shellfish Present

- No
- Yes
- Proposed Lease Area

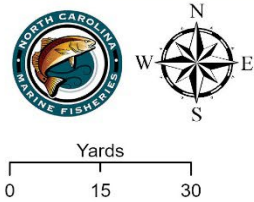
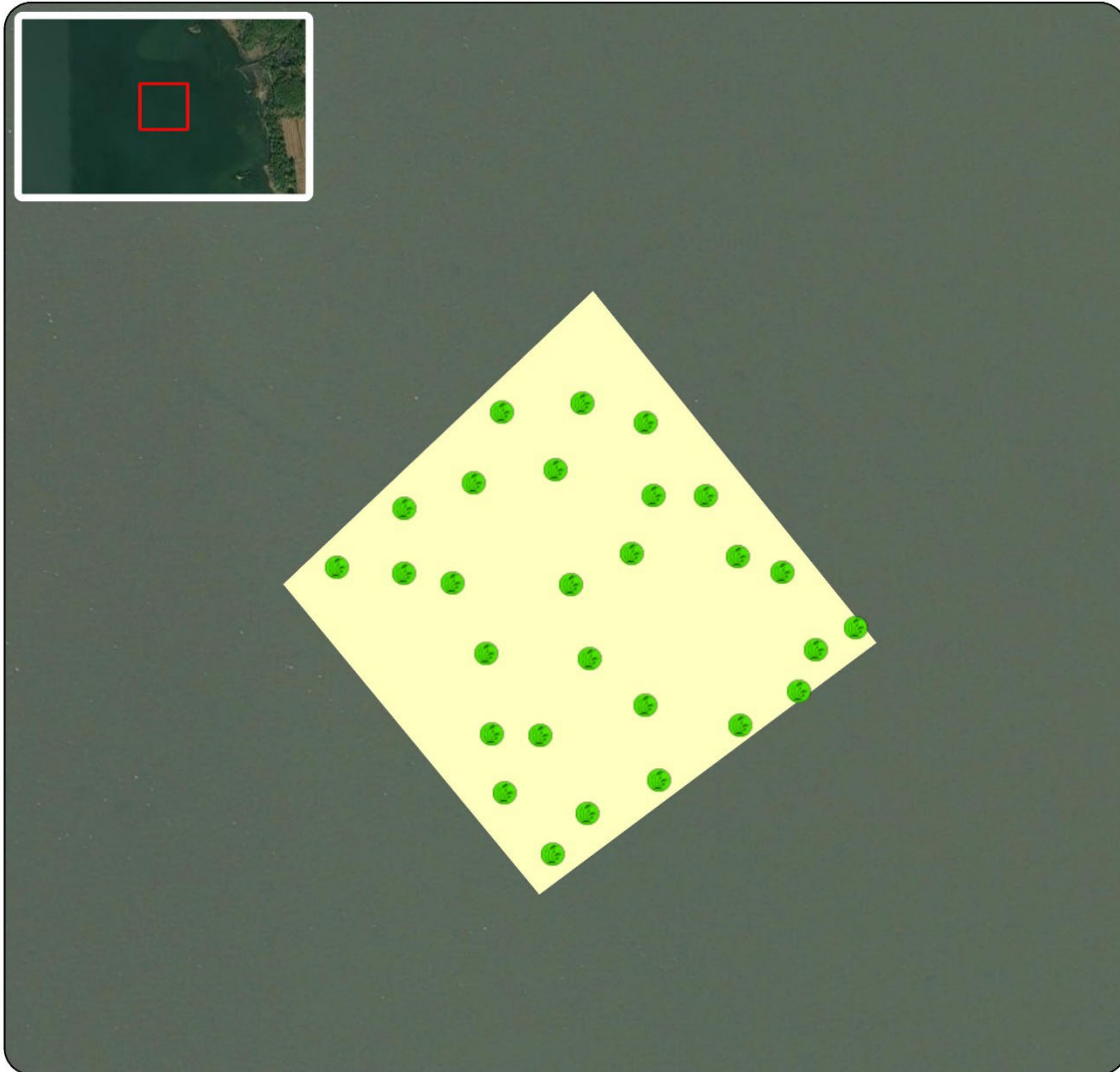
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-  No SAV Present
-  Proposed Lease Area

Acreage: 1.07



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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

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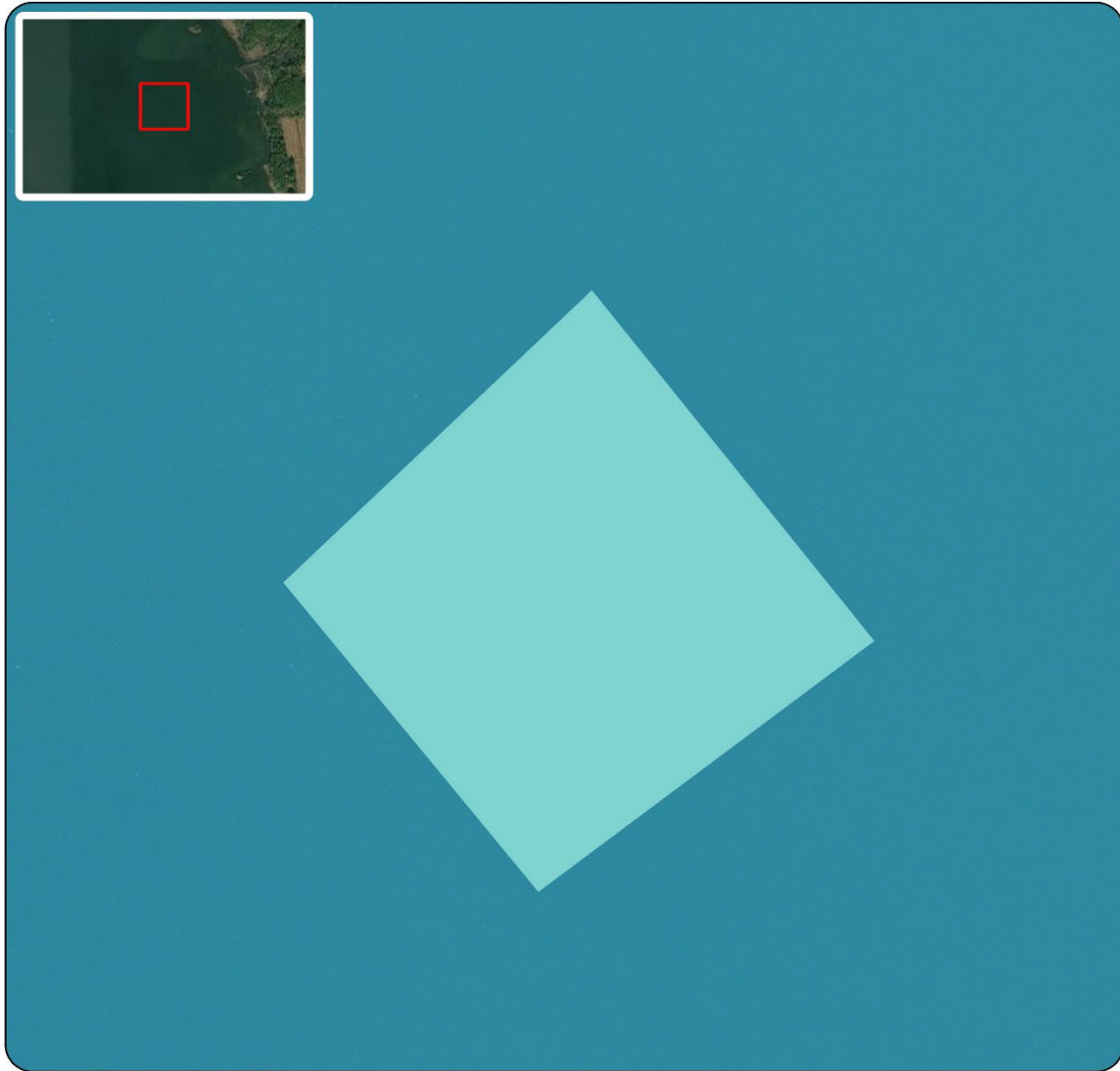
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


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SGA Classification

-  Conditionally Approved - Open
-  Proposed Lease Area

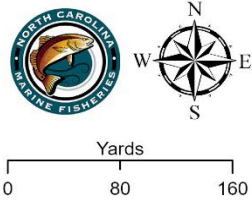
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- Cultch Planted Site
- Cultch Permit Area
- Proposed Lease Area

Acreage: 1.07

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