

Shellfish Lease Investigation Report	
Investigation Date	8/23/2021
Applicants name	Allison Matzelle and Christopher Baillie
Lease Number	21-041BL/21-042WC
County	Carteret
Waterbody/location	North River below bridge
Proposed Lease Size (acres)	1.94
Lease Type	Bottom/Water Column
Investigation Team	S. Tripp/A. Frost/A. Wells
Gear Used	766 - Patent Tong
Sediment Type	1 - hard sand
Bottom Composition	O - no grass
Depth (m)	1
Tidal Stage	high
Water Temperature (°C)	27.3
Salinity (ppt)	22.9
Dissolved Oxygen (mg/L)	3.52
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	No
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No - approx. 45 feet outside
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Actual Coordinates	
34.75050900	-76.59118300	34.74929017	-76.59174850
34.74932600	-76.59112900	34.74930333	-76.59112200
34.74931000	-76.59177200	34.75044033	-76.59118250
34.75048700	-76.59195000	34.75039867	-76.59192983

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Allison Matzelle and Christopher Baillie

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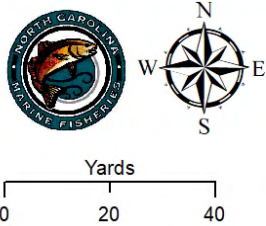
Date: 8/23/2021



Lease size: 1.94 acres # of Samples: 52

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	8/23/2021	NA	O - no grass	1 - hard sand
2	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
3	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
4	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
5	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
6	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
7	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
8	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
9	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
10	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
11	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
12	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
13	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
14	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
15	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
16	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
17	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
18	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
19	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
20	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
21	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
22	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
23	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
24	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
25	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
26	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
27	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
28	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
29	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
30	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
31	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
32	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
33	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
34	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
35	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
36	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
37	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
38	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
39	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
40	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
41	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
42	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
43	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
44	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
45	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
46	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
47	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
48	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
49	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
50	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
51	0	0	0	0	8/23/2021	NA	O - no grass	1 - hard sand
52	0	0	0	0	8/23/2021	NA	O - no grass	1 - 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		

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Date: 8/24/2021



-  Proposed Corner Points
-  Proposed Lease Area

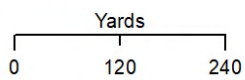
Acreage: 1.94


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 Proposed Lease Area

Acreage: 1.94

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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- No Bivalve Shellfish Present
- Proposed Lease Area

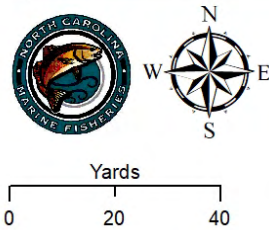
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Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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-  No SAV Present
-  Proposed Lease Area

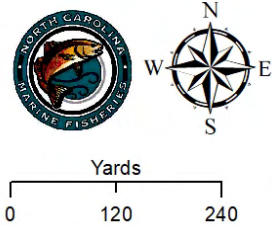
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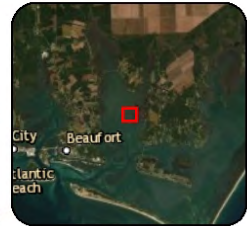
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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

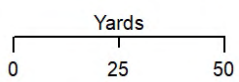
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-  Proposed Lease Area
 -  Mechanical Clam Harvest Areas
- Acreage: 1.94


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 Proposed Lease Area

 Conditionally Approved - Open

Acreage: 1.94

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