

Shellfish Lease Investigation Report	
Investigation Date	8/30 & 8/31 - 2022
Applicants name	Nancy Dupuis
Lease Number	22-048BL/22-049WC
County	Carteret
Waterbody/location	North River below bridge
Proposed Lease Size (acres)	4.11
Lease Type	Bottom/Water Column
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)	0.5
Tidal Stage	Rising
Water Temperature (°C)	27.5
Salinity (ppt)	32.9
Dissolved Oxygen (mg/L)	5.8
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	Special Secondary Nursery Area
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Modified Coordinates		Actual Coordinates	
-76.60067400	34.78528800	-76.60068719	34.78517514	-76.60065606	34.78514490
-76.60121300	34.78502800	-76.60123736	34.78493160	-76.60119639	34.78489357
-76.60315500	34.78600100	-76.60324252	34.78591814	-76.60324139	34.78587557
-76.60191600	34.78661100	-76.60197728	34.78649031	-76.60196573	34.78648574
		-76.60129893	34.78557042	-76.60126889	34.78556257

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Nancy Dupuis

Proposed Lease #: 22-048BL/22-049WC

Date: 8/30 & 8/31 - 2022

Lease size: 4.11 acres # of Samples: 99

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
76	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
77	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
78	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
79	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
80	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
81	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
82	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
83	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
84	0	0	1	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
85	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
86	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
87	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
88	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
89	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
90	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
91	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
92	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
93	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
94	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
95	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
96	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
97	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
98	0	0	0	0	8/30 & 8/31 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
99	0	0	0	0	8/30 & 8/31 - 2022	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	4	0				
TOTAL BUSHELS PER SPECIES		0	0.01	0	0.408787879	TOTAL BUSHELS OF SHELLFISH PER ACRE		

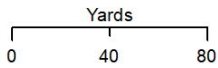
Proposed Lease ID/Number: 22-048BL/22-049WC
Nancy Dupuis

Date: 9/14/2022



- ▲ Proposed Corner Points
- Proposed Lease Area

Acreage: 4.11

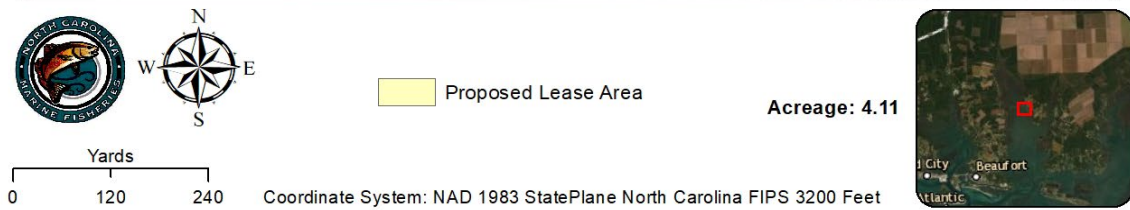


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



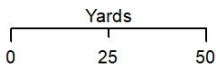
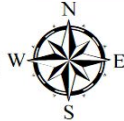
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- No Bivalve Shellfish Present
- Bivalve Shellfish Present
- Proposed Lease Area

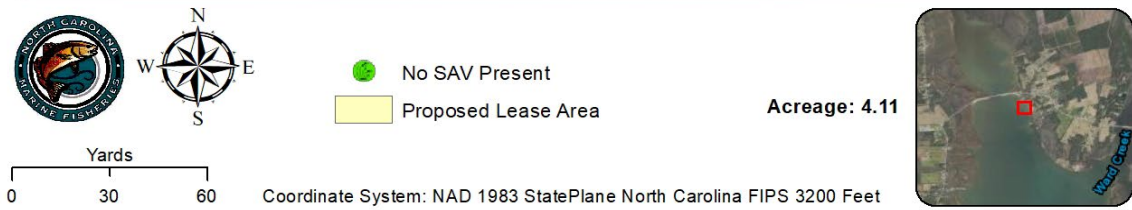
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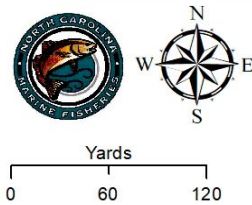
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 Submerged Aquatic Vegetation
 Proposed Lease Area

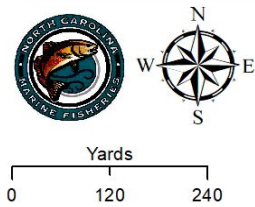
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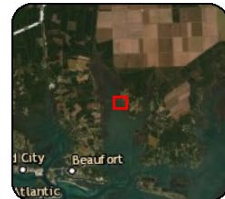
Date: 9/14/2022



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

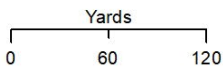
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Proposed Lease Area
SGA Current Classifications
Conditionally Approved - Open

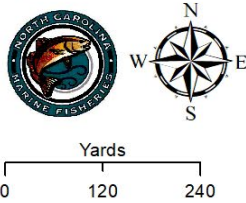
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-  Cultch Planted Site
-  Cultch Permit Areas
-  Proposed Lease Area

Acreage: 4.11

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