

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	9/3/2021
<b>Applicants name</b>	Tancred Miller
<b>Lease Number</b>	21-063BL
<b>County</b>	Carteret
<b>Waterbody/location</b>	North River below bridge
<b>Proposed Lease Size (acres)</b>	1.75
<b>Lease Type</b>	Bottom
<b>Investigation Team</b>	S. Tripp/A. Wells
<b>Gear Used</b>	766 - Patent Tong
<b>Sediment Type</b>	1 - hard sand
<b>Bottom Composition</b>	O - no grass
<b>Depth (m)</b>	0.75
<b>Tidal Stage</b>	High
<b>Water Temperature (°C)</b>	23.8
<b>Salinity (ppt)</b>	21.6
<b>Dissolved Oxygen (mg/L)</b>	1.75
<b>Comments on SAV in or around Proposed Lease location</b>	
<b>Other Species Collected</b>	
<b>In PNA?</b>	Special Secondary Nursery Area
<b>In Polluted Area?</b>	No: Conditionally Approved - Open
<b>In Mechanical Clam Harvest Area?</b>	No
<b>In Mechanical Methods Prohibited Area</b>	Yes
<b>Other Comments</b>	

Application Coordinates		Application Coordinates Corrected		Modified Coordinates		Actual Coordinates	
34.47156800	-76.36095800	34.78768900	-76.60265800	34.78719200	-76.60266700	34.78706583	-76.60414733
34.47134100	-76.36148900	34.78737200	-76.60223600	34.78705800	-76.60253100	34.78653183	-76.60373267
34.47115500	-76.36133700	34.78719200	-76.60266700	34.78654200	-76.60371400	34.78705450	-76.60255733
34.47134100	-76.36091100	34.78705800	-76.60253100	34.78705800	-76.60413600	34.78719917	-76.60269317
34.47138900	-76.36096000	34.78654200	-76.60371400	34.78735412	-76.60344239	34.78735100	-76.60344500
34.47145400	-76.36080500	34.78705800	-76.60413600				

## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Tancred Miller**

Proposed Lease #: **21-063BL**

Date: **9/3/2021**

Lease size: **1.75** acres # of Samples: **44**

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	9/3/2021	NA	O - no grass	1 - hard sand
2	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
3	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
4	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
5	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
6	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
7	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
8	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
9	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
10	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
11	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
12	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
13	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
14	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
15	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
16	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
17	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
18	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
19	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
20	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
21	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
22	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
23	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
24	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
25	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
26	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
27	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
28	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
29	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
30	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
31	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
32	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
33	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
34	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
35	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
36	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
37	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
38	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
39	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
40	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
41	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
42	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
43	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
44	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
	<b>SAV</b>	<b>Oysters (Eastern Oyster)</b>	<b>Clams (Quahogs)</b>	<b>Scallops</b>				
	<b>0</b>				<b>0%</b>	<b>OF SAMPLES CONTAINED SAV</b>		
<b>TOTAL OF EACH SPECIES</b>		<b>0</b>	<b>0</b>	<b>0</b>				
<b>TOTAL BUSHELS PER SPECIES</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b>		

# Proposed Lease ID/Number: 21-063BL Tancred Miller

Date: 9/8/2021



▲ Proposed Corner Points

■ Proposed Lease Area

**Acreage: 1.75**

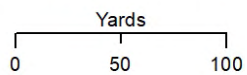
Yards


0      20      40

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet

Proposed Lease ID/Number: 21-063BL  
Tancred Miller

Date: 9/8/2021



 Proposed Lease

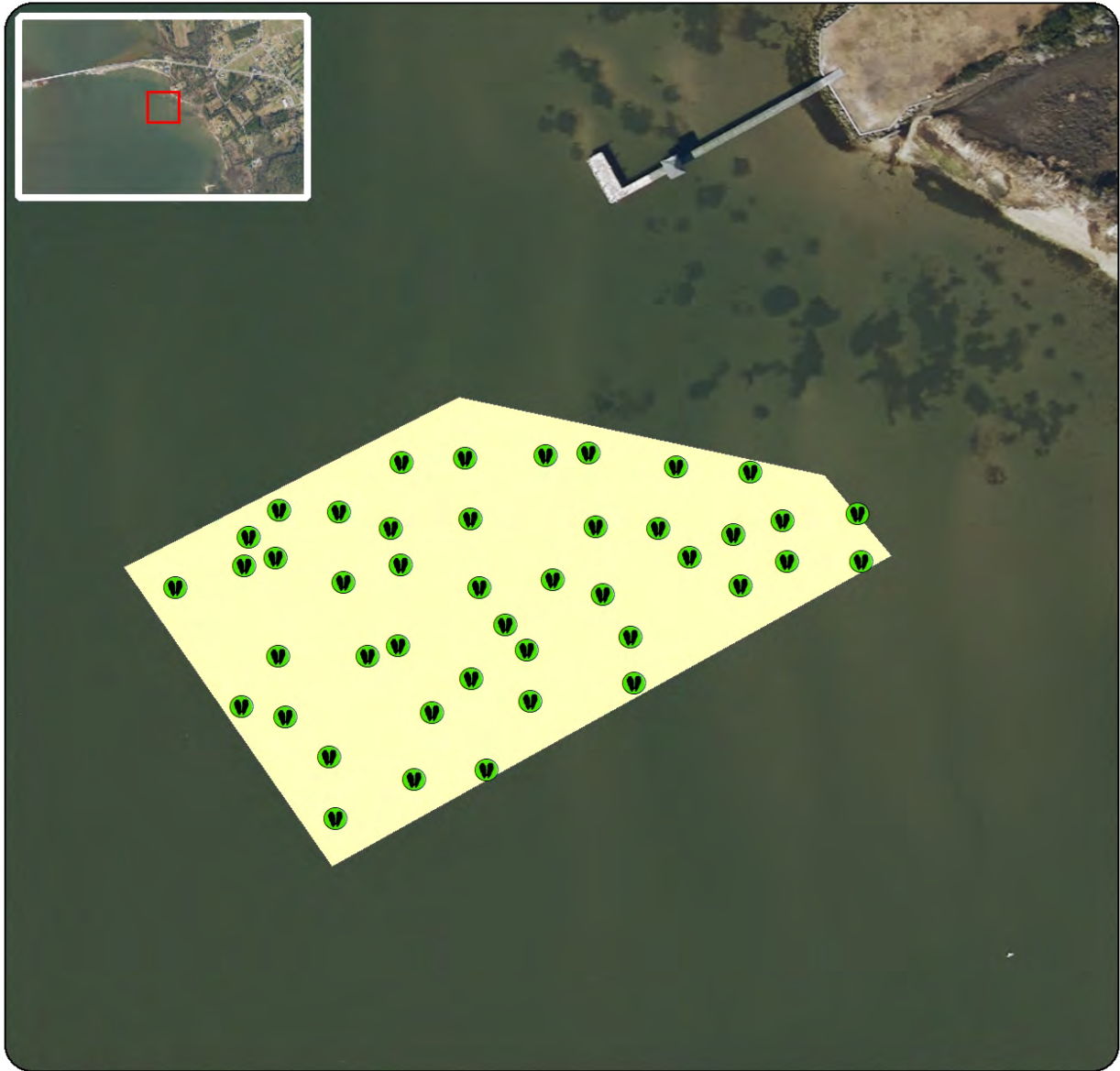
**Acreage: 1.75**

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No Bivalve Shellfish Present



Proposed Lease Area

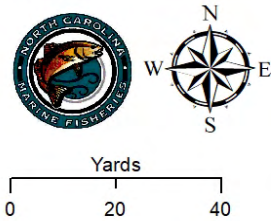
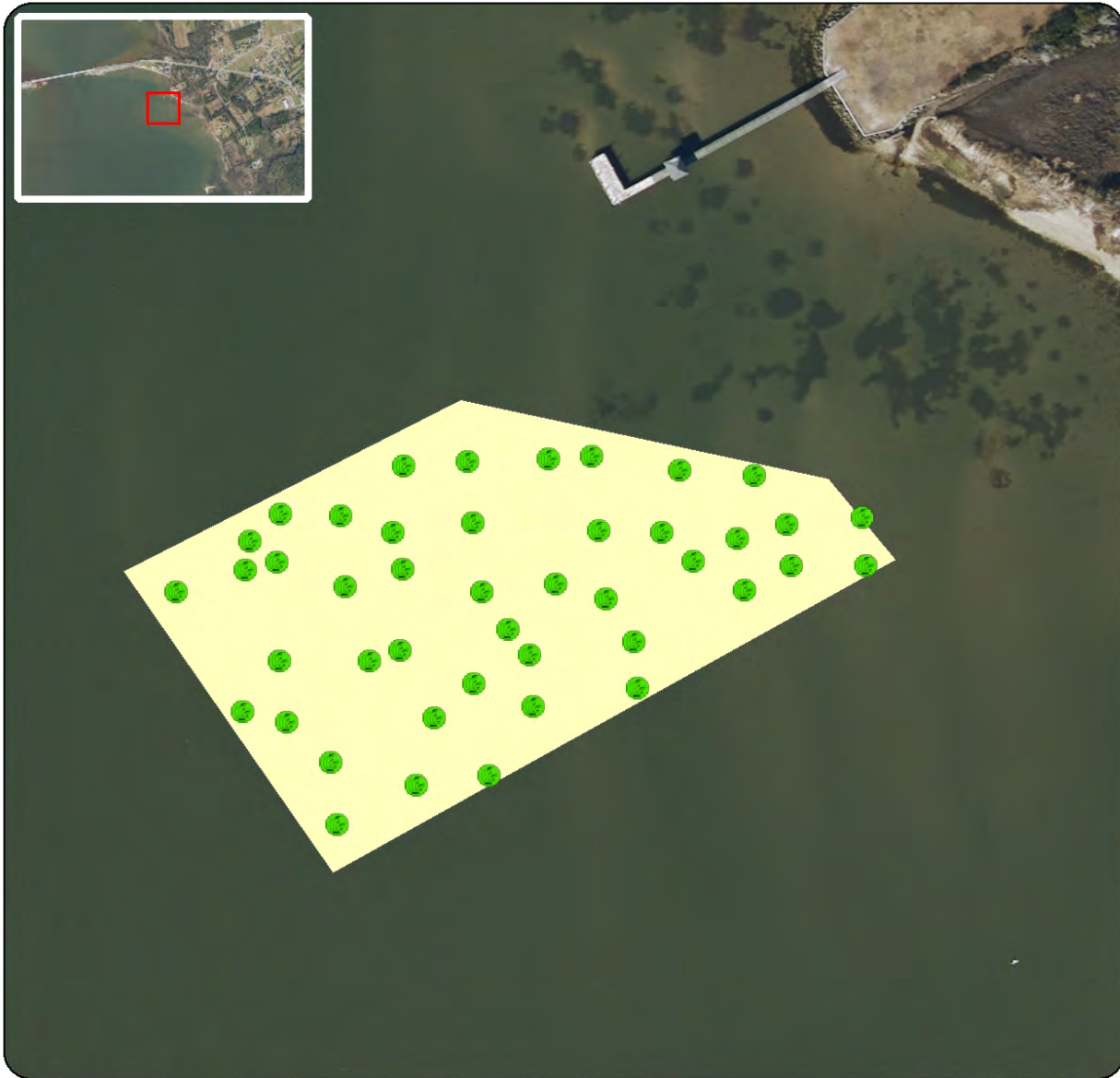
**Acreage: 1.75**

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- No SAV Present
- Proposed Lease

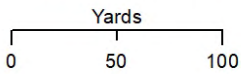
**Acreage: 1.75**



Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

**Acreage: 1.75**

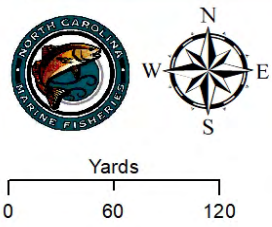
Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





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Tancred Miller

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**Lease Type**  
Light blue square: Proposed - Bottom  
Dark blue square: Bottom

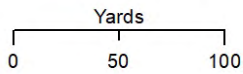
**Acreage: 1.75**

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 21-063BL  
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Date: 9/8/2021



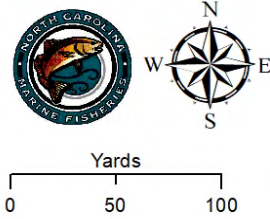
- Proposed Lease Area
- Conditionally Approved - Open **Acreage: 1.75**



Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 21-063BL  
Tancred Miller

Date: 9/8/2021



-  Cultch Planting Permit Area
-  Proposed Lease Area

**Acreage: 1.75**

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





