

Shellfish Lease Investigation Report	
Investigation Date	5/19 & 5/23 - 2022
Applicants name	Charles Merritt
Lease Number	22-013BL/22-014WC
County	Carteret
Waterbody/location	Ward Creek
Proposed Lease Size (acres)	1.83
Lease Type	Bottom/Water Column
Investigation Team	A. Frost/R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	9 - mud
Bottom Composition	O - no grass
Depth (m)	0.5
Tidal Stage	Low
Water Temperature (°C)	24.6
Salinity (ppt)	31.6
Dissolved Oxygen (mg/L)	6.2
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		Actual Coordinates	
34.77200000	-76.58094000	34.77116733	-76.57970067
34.77186000	-76.57993000	34.77128783	-76.58085567
34.77115000	-76.57969000	34.77200400	-76.58092550
34.77133000	-76.58086000	34.77185600	-76.57993967

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Charles Merritt

Proposed Lease #: 22-013BL/22-014WC

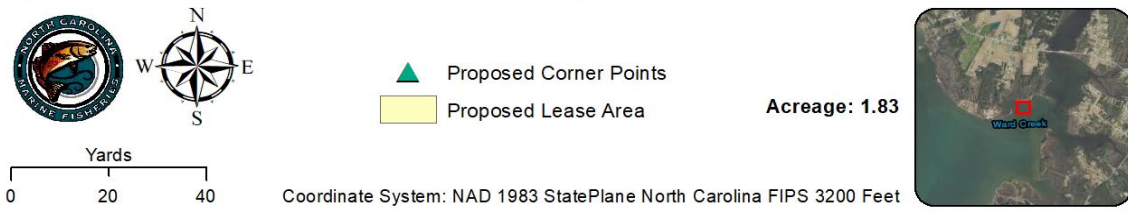
Date: 5/19 & 5/23 - 2022

Lease size: 1.83 acres # of Samples: 46

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	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
2	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
3	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
4	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
5	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
6	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
7	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
8	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
9	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
10	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
11	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
12	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
13	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
14	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
15	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
16	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
17	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
18	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
19	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
20	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
21	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
22	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
23	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
24	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
25	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
26	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
27	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
28	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
29	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
30	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
31	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
32	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
33	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
34	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
35	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
36	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
37	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
38	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
39	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
40	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
41	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
42	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
43	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
44	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
45	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
46	0	0	0	0	5/19 & 5/23 - 2022	NA	O - no grass	9 - mud
	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		

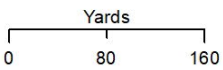
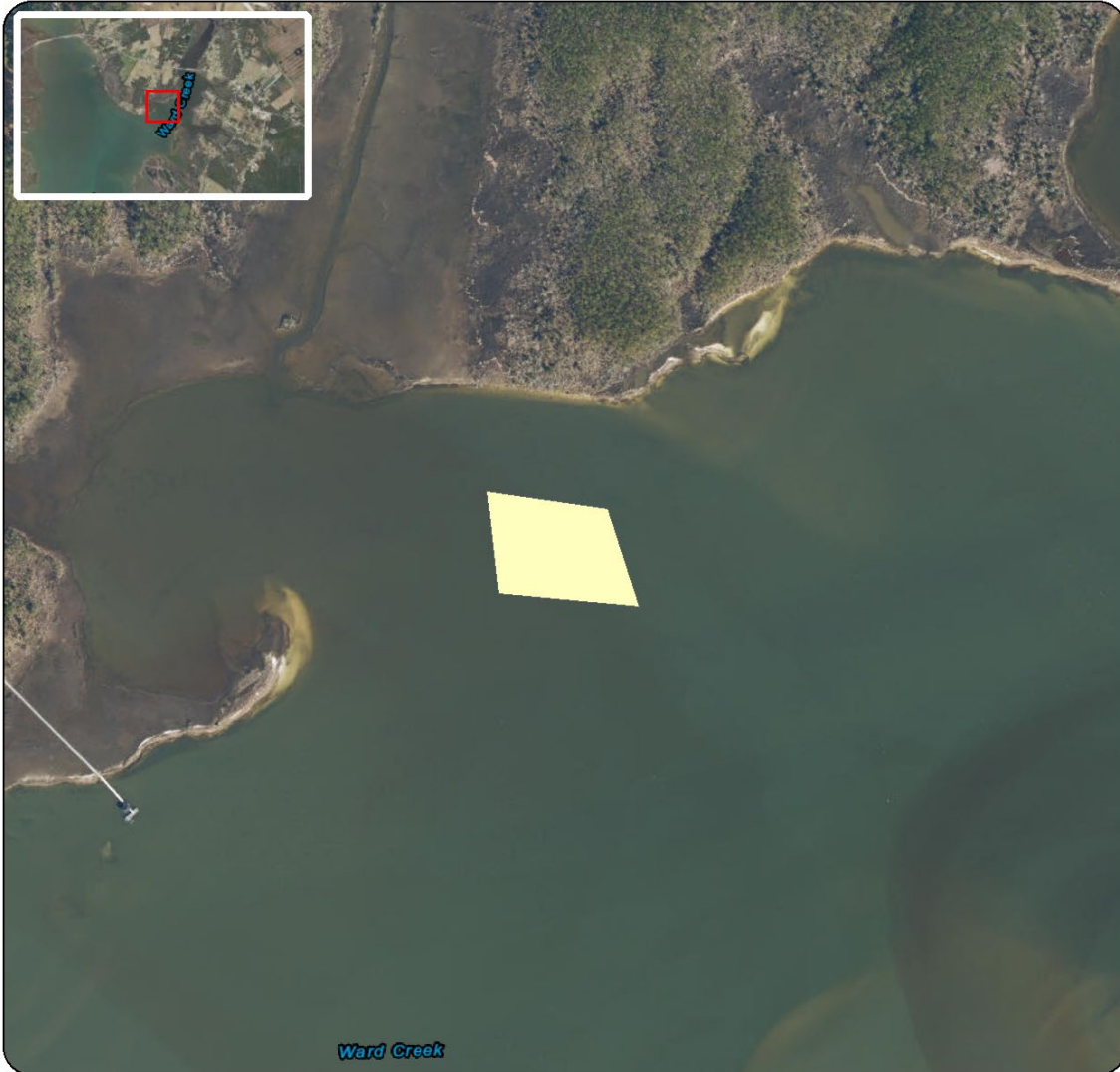
Proposed Lease ID/Number: 22-013BL/22-014WC
 Charles Merritt


Date: 5/24/2022



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 Proposed Lease Area

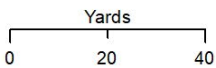
Acreage: 1.83

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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- No Bivalve Shellfish Present
- Proposed Lease Area

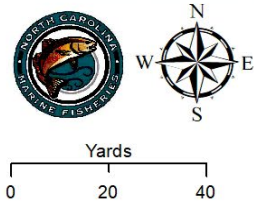
Acreage: 1.83

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- No SAV Present
- Proposed Lease Area

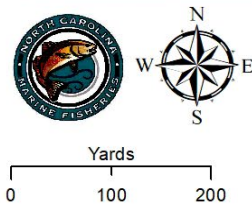
Acreage: 1.83

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- Submerged Aquatic Vegetation
- Proposed Lease Area

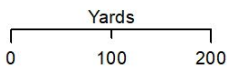
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|-----------------------------|-----------------------------|
| Proposed Lease Area | Other Proposed Bottom |
| Lease Type | Water Column |
| Other Proposed Water Column | Bottom Acreage: 1.83 |

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