

Shellfish Lease Investigation Report	
Investigation Date	6/12 & 6/21 - 2023
Applicants name	Michael Linz
Lease Number	23-006BL/23-007WC
County	Onslow
Waterbody/location	Bogue Inlet
Proposed Lease Size (acres)	2.36
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/G. Stilson/R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	1 - hard sand
Bottom Composition	O - no grass
Depth (m)	0.5
Tidal Stage	Low/Ebbing
Water Temperature (°C)	25.5
Salinity (ppt)	38.2
Dissolved Oxygen (mg/L)	6
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	No
In Polluted Area?	No - Approved
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Actual Coordinates	
34.66946100	-77.12101700	-77.12107991	34.66948778
34.66877300	-77.12085600	-77.12084007	34.66875361
34.66875500	-77.12211100	-77.12210057	34.66874978
34.66953200	-77.12222900	-77.12230091	34.66953778

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Michael Linz

Proposed Lease #: 23-006BL/23-007WC

Date: 6/12 & 6/21 - 2023

Lease size: 2.36 acres

of Samples: 57

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	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
2	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
3	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
4	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
5	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
6	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
7	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
8	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
9	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
10	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
11	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
12	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
13	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
14	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
15	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
16	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
17	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
18	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
19	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
20	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
21	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
22	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
23	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
24	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
25	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
26	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
27	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
28	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
29	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
30	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
31	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
32	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
33	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
34	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
35	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
36	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
37	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
38	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
39	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
40	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
41	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
42	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
43	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
44	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
45	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
46	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
47	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
48	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
49	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
50	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
51	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
52	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
53	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
54	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
55	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
56	0	0	0	0	6/12 & 6/21 - 2023	NA	O - no grass	1 - hard sand
57	0	0	0	0	6/12 & 6/21 - 2023	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		

Proposed Lease ID/Number: 23-006BL/23-007WC
 Michael Linz

Date: 6/28/2023



- ▲ Proposed Corner Points
- Proposed Lease Area

Acreage: 2.36




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



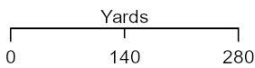
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 Proposed Lease Area

Acreage: 2.36

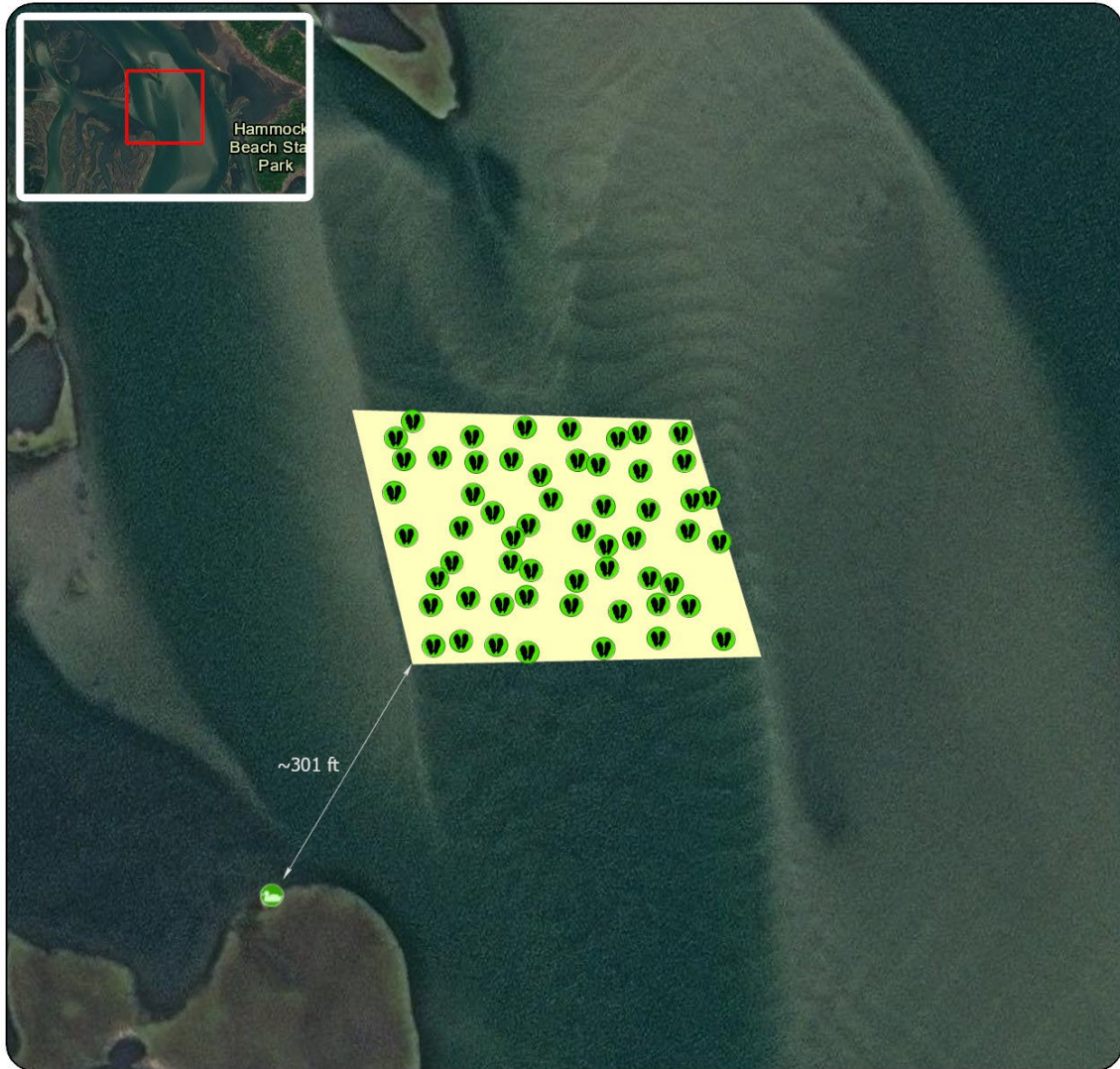


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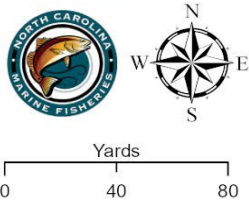
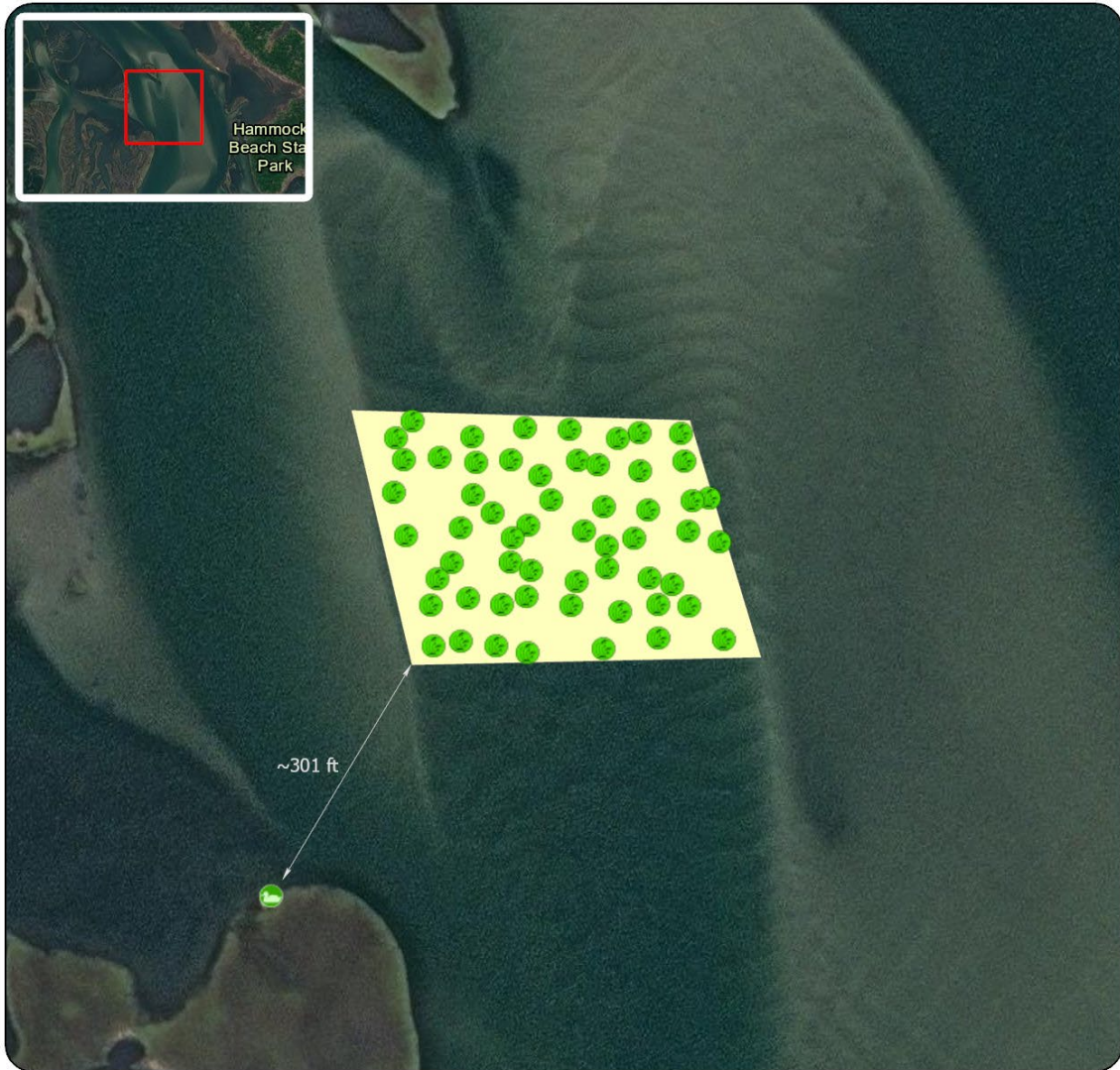
-  Duck Blind
- Shellfish Present**
-  No
-  Proposed Lease Area

Acreage: 2.36



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- No SAV Present
- Duck Blind
- Proposed Lease Area

Acreage: 2.36

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 Submerged Aquatic Vegetation
 Proposed Lease Area

Acreage: 2.36



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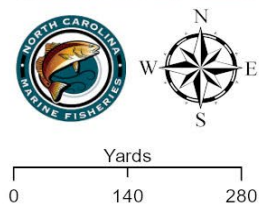
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Acreage: 2.36







