

Shellfish Lease Investigation Report	
Investigation Date	8/3 & 8/7 - 2023
Applicants name	Thomas Cannon
Lease Number	23-015BL/23-016WC
County	Onslow
Waterbody/location	Mainland Areas
Proposed Lease Size (acres)	3.78
Lease Type	Bottom/Water Column
Investigation Team	S. Tripp/G. Stilson/R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	6 - muddy sand
Bottom Composition	A - shell
Depth (m)	0.75
Tidal Stage	High/ebb
Water Temperature (°C)	26.7
Salinity (ppt)	32.74
Dissolved Oxygen (mg/L)	5.87
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	Yes
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	
34.45864	-77.52205	-77.52113	34.4580695
34.45807	-77.52115	-77.52239	34.457185
34.45718	-77.52239	-77.52326	34.4578065
34.45782	-77.52326	-77.52206	34.45863483

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Thomas Cannon

Proposed Lease #: 23-015BL/23-016WC

Date: 8/3 & 8/7 - 2023

Lease size: 3.78 acres

of Samples: 94

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	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
2	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
3	0	0	1	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
4	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
5	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
6	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
7	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
8	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
9	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
10	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
11	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
12	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
13	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
14	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
15	0	0	1	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
16	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
17	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
18	0	0	2	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
19	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
20	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
21	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
22	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
23	0	0	1	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
24	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
25	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
26	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
27	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
28	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
29	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
30	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
31	0	0	1	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
32	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
33	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
34	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
35	0	0	1	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
36	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
37	0	0	2	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
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49	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
50	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
51	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
52	0	0	2	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
53	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
54	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
55	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
56	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
57	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
58	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
59	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
60	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
61	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
62	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Thomas Cannon

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Lease size: 3.78 acres

of Samples: 94

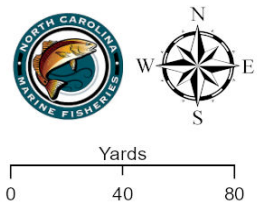
Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
63	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
64	0	1	3	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
65	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
66	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
67	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
68	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
69	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
70	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
71	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
72	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
73	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
74	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
75	0	0	2	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
76	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
77	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
78	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
79	0	0	1	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
80	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
81	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
82	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
83	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
84	0	0	1	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
85	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
86	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
87	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
88	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
89	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
90	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
91	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
92	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
93	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
94	0	0	0	0	8/3 & 8/7 - 2023	NA	A - shell	6 - muddy sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		1	18	0				
TOTAL BUSHELS PER SPECIES		0.003333333	0.045	0	2.08	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 23-015BL/23-016WC Thomas Cannon

Date: 8/11/2023



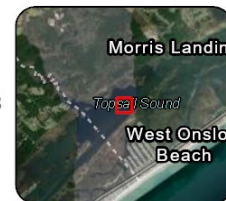
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- Proposed Corner Points
- Proposed Lease Area

Acreage: 3.78


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



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 Proposed Lease Area

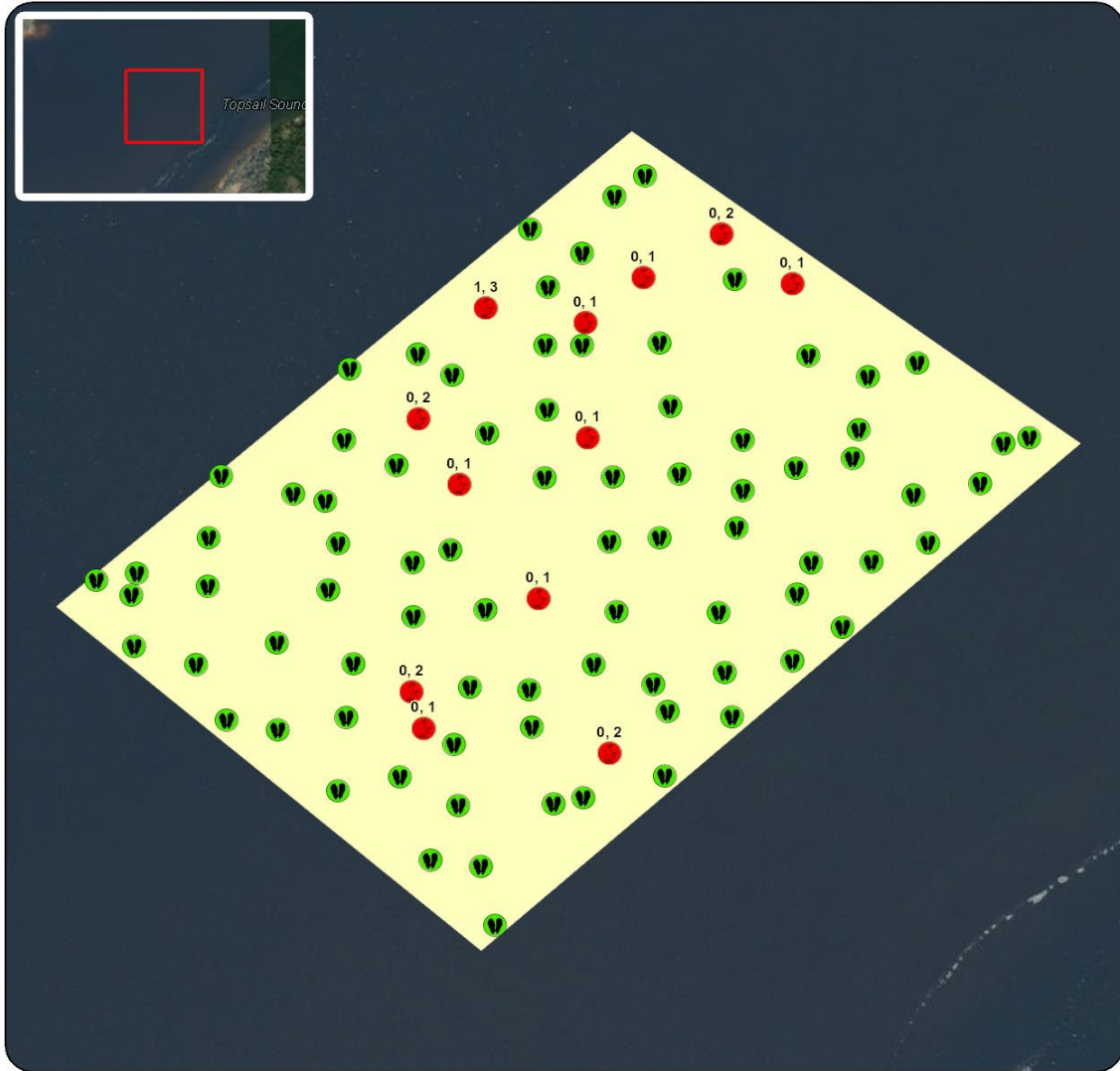
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Shellfish Present

- No
- Yes
- Proposed Lease Area

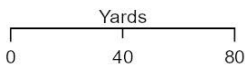
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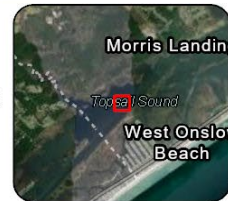
Date: 8/11/2023



-  No SAV Present
-  Proposed Lease Area

Acreage: 3.78



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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

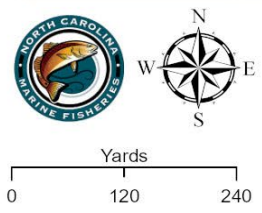
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- Proposed Lease Area
- Lease Type
 - Other Proposed Bottom
 - Other Proposed Water Column
 - Bottom
 - Water Column
 - Terminated

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Proposed Lease Area

SGA Classification

Conditionally Approved - Open

CSHA - Prohibited

Restricted

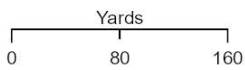
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- Federal Navigational Channel (ICW)
- Navigational Channel Setback (75 ft)
- Proposed Lease Area

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

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