

Shellfish Lease Investigation Report	
Investigation Date	8/21 & 8/22, 2023
Applicants name	Thomas Cannon
Lease Number	23-024BL/23-025WC
County	Onslow
Waterbody/location	Mainland Areas
Proposed Lease Size (acres)	3.95
Lease Type	Bottom/Water Column
Investigation Team	G. Stilson/S. Tripp/A. Frost/R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	7 - sandy mud
Bottom Composition	O - no grass
Depth (m)	0.5
Tidal Stage	Low flood
Water Temperature (°C)	30.7
Salinity (ppt)	37.63
Dissolved Oxygen (mg/L)	4.99
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	
34.45712000	-77.52440000	34.45531250	-77.52516283
34.45663000	-77.52370000	34.45578450	-77.52578583
34.45530000	-77.52515000	34.45711650	-77.52439300
34.45579000	-77.52583000	34.45662783	-77.52368583

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Thomas Cannon

Proposed Lease #: 23-02481/23-025WC

Date: 8/21 & 8/22, 2023

Lease size: 3.95 acres # of Samples: 102

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	6	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
2	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
3	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
4	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
5	0	0	2	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
6	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
7	0	0	2	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
8	0	0	1	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
9	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
10	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
11	0	0	1	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
12	0	0	1	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
13	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
14	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
15	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
16	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
17	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
18	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
19	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
20	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
21	0	0	5	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
22	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
23	0	0	1	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
24	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
25	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
26	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
27	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
28	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
29	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
30	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
31	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
32	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
33	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
34	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
35	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
36	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
37	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
38	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
39	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
40	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
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43	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
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58	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
59	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
60	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
61	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
62	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
63	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
64	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
65	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
66	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
67	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
68	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
69	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
70	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud

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Proposed Lease #: 23-02481/23-025WC

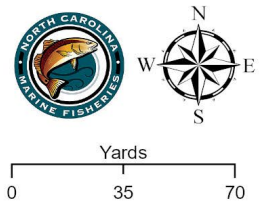
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Lease size: 3.95 acres # of Samples: 102

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
71	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
72	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
73	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
74	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
75	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
76	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
77	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
78	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
79	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
80	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
81	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
82	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
83	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
84	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
85	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
86	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
87	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
88	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
89	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
90	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
91	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
92	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
93	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
94	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
95	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
96	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
97	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
98	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
99	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
100	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
101	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
102	0	0	0	0	8/21 & 8/22, 2023	NA	O - no grass	7 - sandy mud
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0		19	0	0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	19	0				
TOTAL BUSHELS PER SPECIES		0	0.0475	0	1.88	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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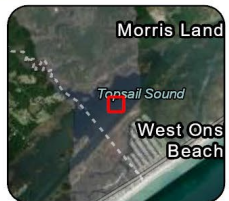
Date: 8/25/2023



- ▲ Proposed Corner Points
- Proposed Lease Area

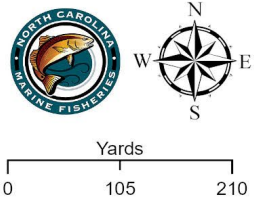
Acreage: 3.95

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



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Proposed Lease Area

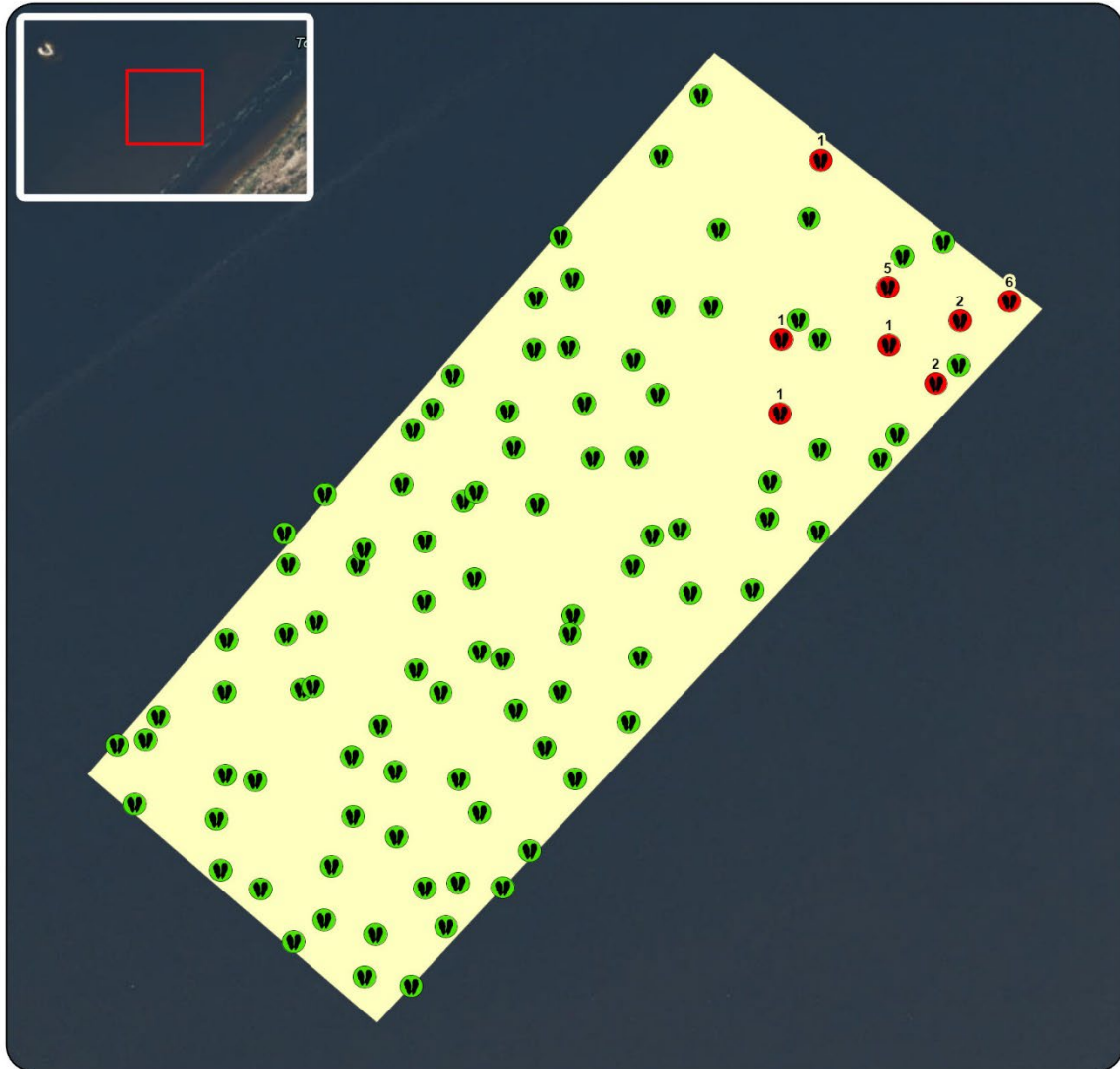
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Shellfish Present

- No
- Yes

Proposed Lease Area

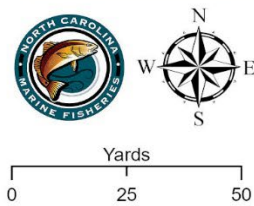
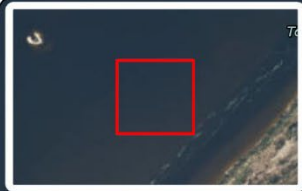
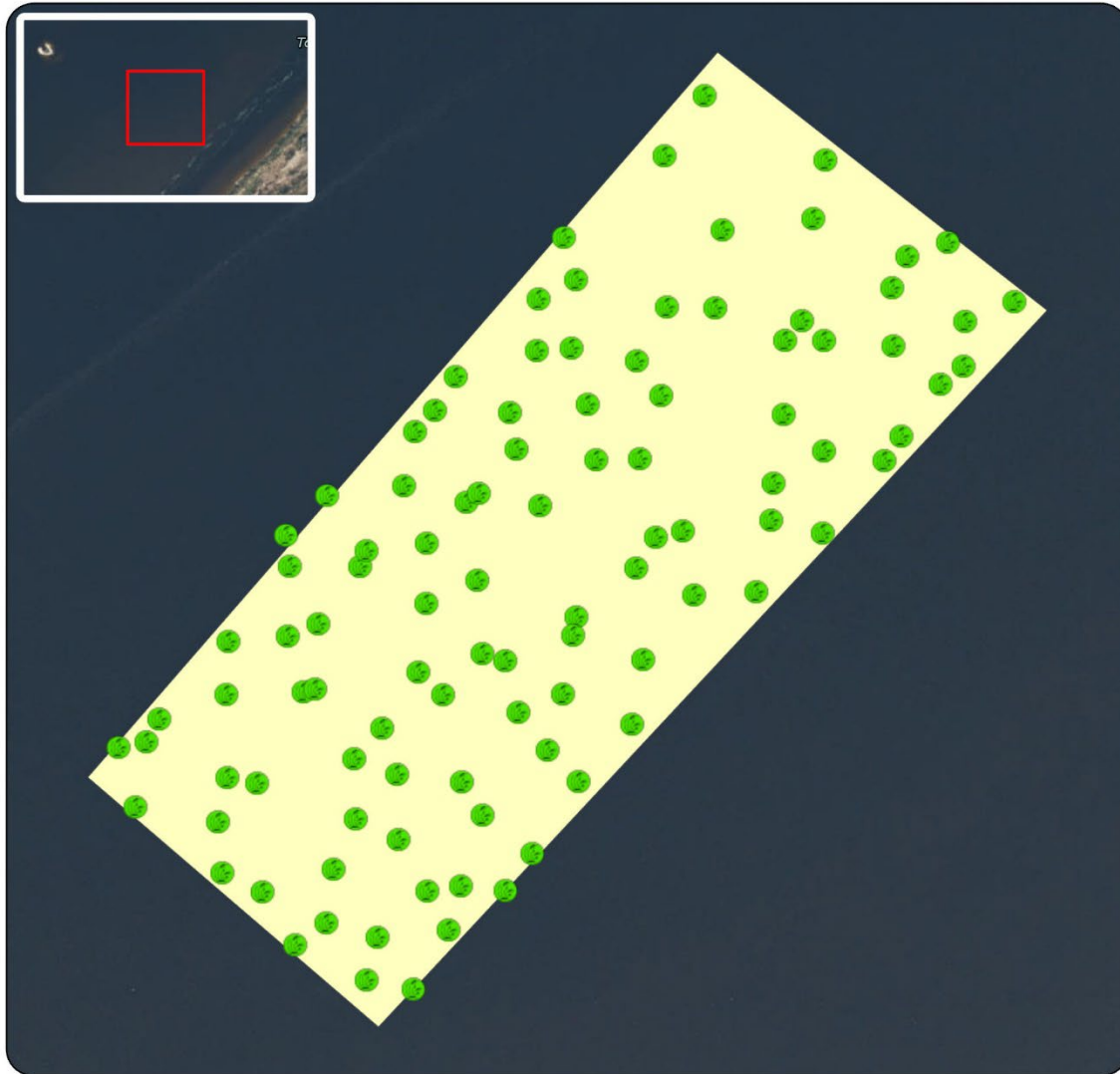
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- No SAV Present
- Proposed Lease Area

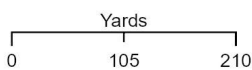
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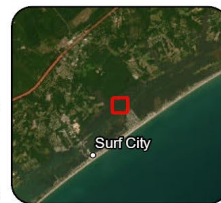
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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

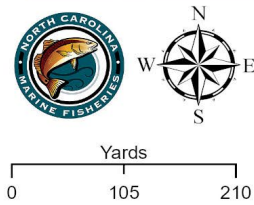
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- SGA Classification
- Conditionally Approved - Open
 - CSHA - Prohibited
 - Conditionally Approved - Closed
 - Restricted
 - Proposed Lease Area

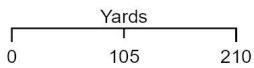
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- Proposed Lease Area
- Lease Type
 - Other Proposed Bottom
 - Other Proposed Water Column
 - Bottom
 - Water Column
 - Terminated

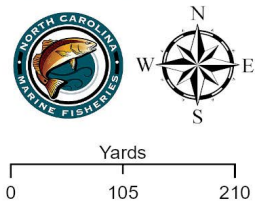
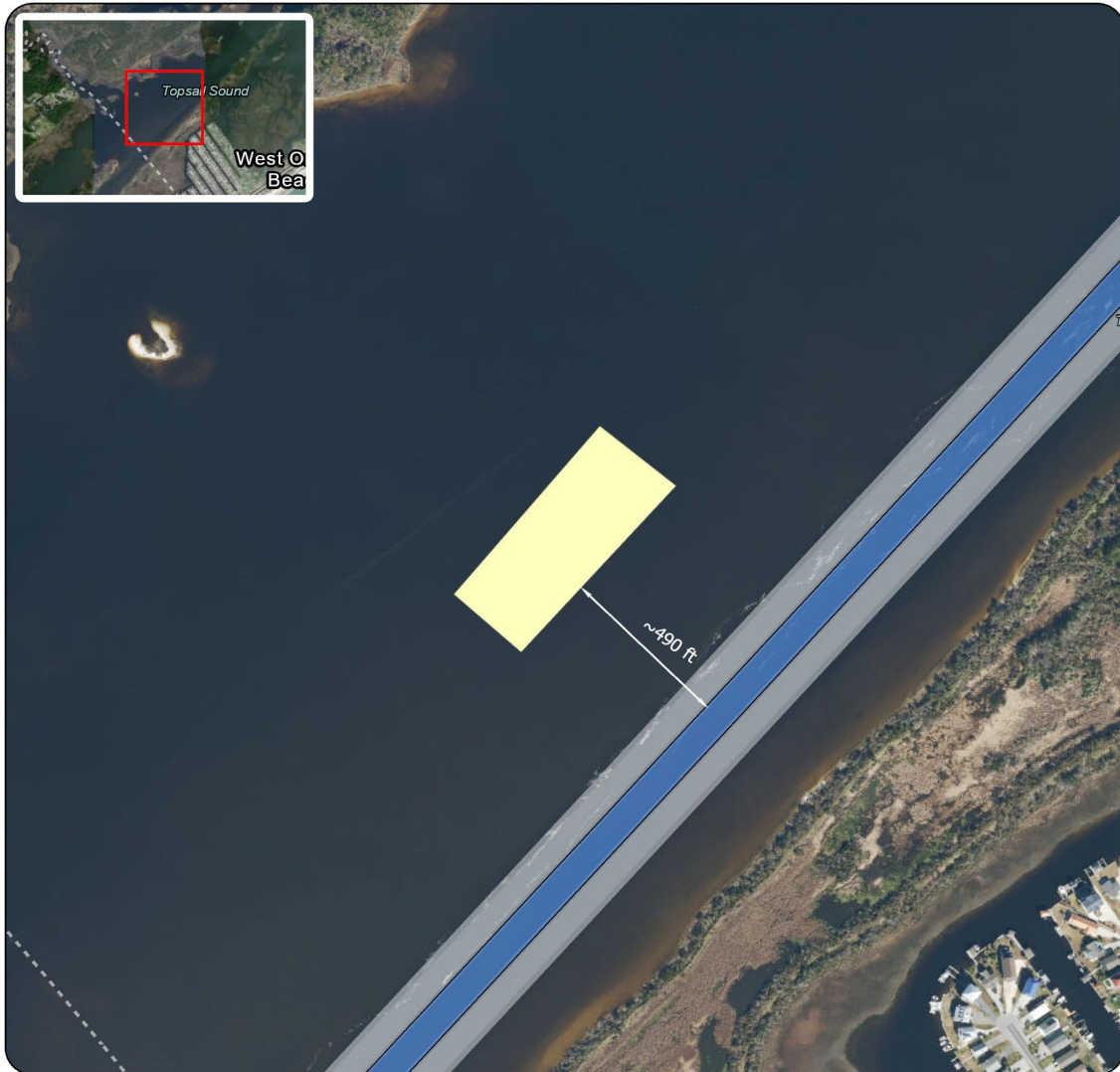
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- Fed. Navigational Channel (ICW)
- Channel Setback
- Proposed Lease Area

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

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