

Shellfish Lease Investigation Report	
Investigation Date	9/26/2023
Applicants name	James Hammock and Sarah Zajovits
Lease Number	23-050BL/23-051WC
County	Onslow
Waterbody/location	New River below 172 bridge
Proposed Lease Size (acres)	3.04
Lease Type	Bottom/Water Column
Investigation Team	G. Stilson; S. Tripp
Gear Used	935 - Hand Sampling
Sediment Type	8 - Sand
Bottom Composition	O - no grass
Depth (m)	0.5
Tidal Stage	X - Ebb (low)
Water Temperature (°C)	24.7
Salinity (ppt)	28.6
Dissolved Oxygen (mg/L)	7.54
Comments on SAV in or around Proposed Lease location	No Comments
Other Species Collected	None Noted
In Primary Nursery Area?	No
In Polluted Area?	No: Approved
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	Yes
Other Comments	None

Application Coordinates		Modified Coordinates		Actual Coordinates	
Latitude	Longitude	Latitude	Longitude	Latitude	Longitude
34.562290	-77.363230	34.562518	-77.363262	34.562516	-77.363253
34.561700	-77.362320	34.561779	-77.362527	34.561820	-77.362476
34.560930	-77.363330	34.561208	-77.363714	34.561234	-77.363684
34.561640	-77.364090	34.562037	-77.364271	34.562013	-77.364300

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: James Hammock and Sarah Zajovits

Proposed Lease #: 23-050BL/23-051WC

Date: 9/26/2023

Lease size: 3.04 acres **# of Samples:** 76

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

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **James Hammock and Sarah Zajovits**

Proposed Lease #: **23-050BL/23-051WC**

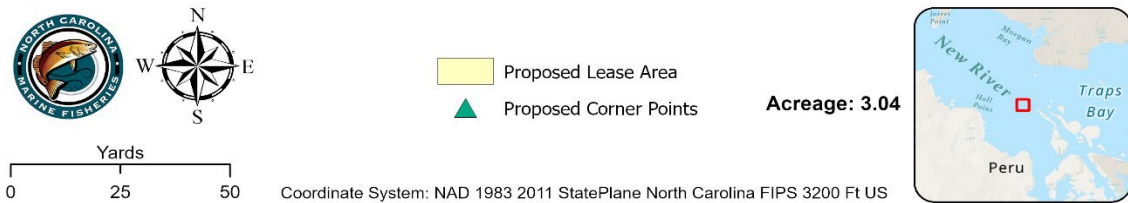
Date: **9/26/2023**

Lease size: **3.04** acres # of Samples: **76**

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
56	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
57	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
58	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
59	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
60	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
61	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
62	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
63	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
64	0	0	1	0	9/26/2023	NA	O - no grass	8 - Sand
65	0	0	1	0	9/26/2023	NA	O - no grass	8 - Sand
66	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
67	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
68	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
69	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
70	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
71	0	0	2	0	9/26/2023	NA	O - no grass	8 - Sand
72	0	0	1	0	9/26/2023	NA	O - no grass	8 - Sand
73	0	0	1	0	9/26/2023	NA	O - no grass	8 - Sand
74	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
75	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
76	0	0	0	0	9/26/2023	NA	O - no grass	8 - Sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0.00%	OF SAMPLES CONTAINED SAV		
	TOTAL OF EACH SPECIES	0	28	0				
	TOTAL BUSHELS PER SPECIES	0	0.07	0	3.73	TOTAL BUSHELS OF SHELLFISH PER AC		

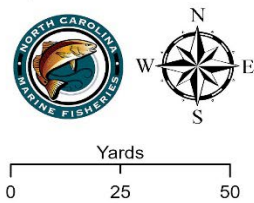
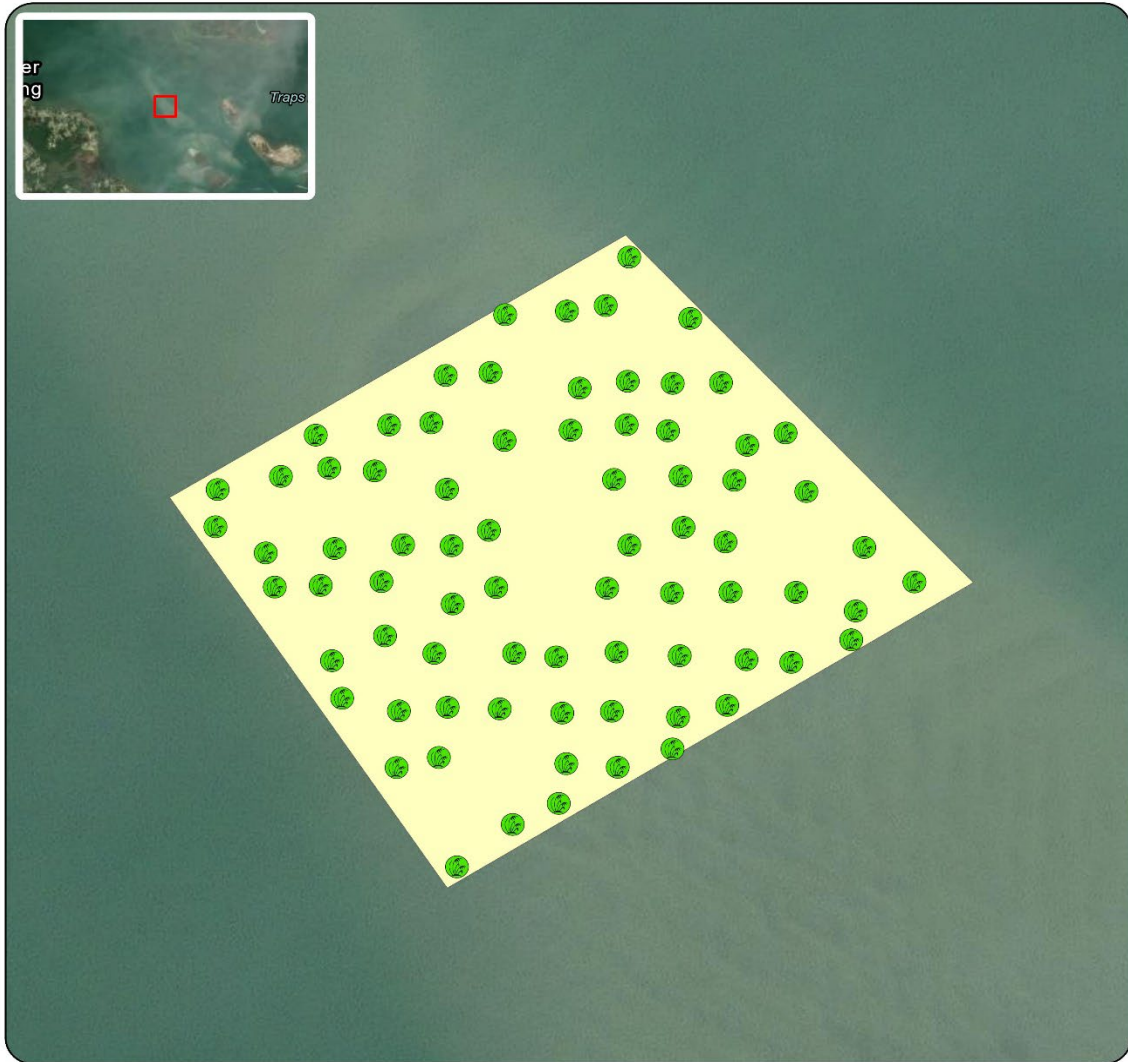
Proposed Lease ID/Number: 23-050BL/23-051WC
 James Hammock, Jr and Sarah Zajovits

Date: 9/28/2023



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SAV Present
● No
■ Proposed Lease Area

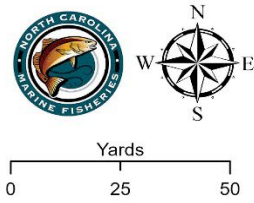
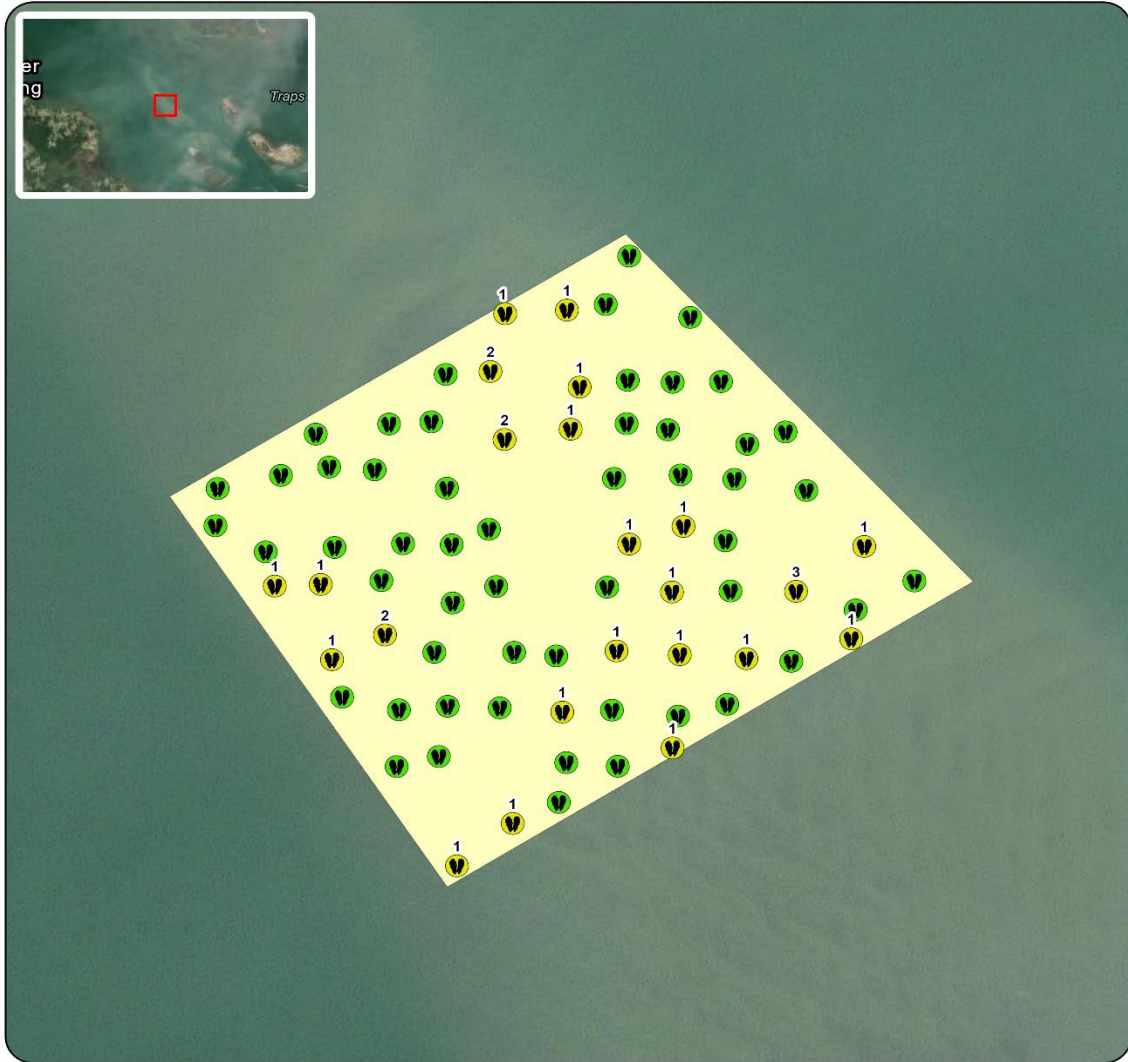
Acreage: 3.04

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





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Shellfish Present

-  No Shellfish Present
-  Only Clams Present
-  Proposed Lease Area

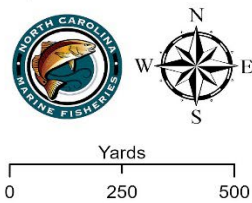
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Proposed Lease Area

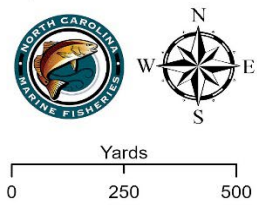
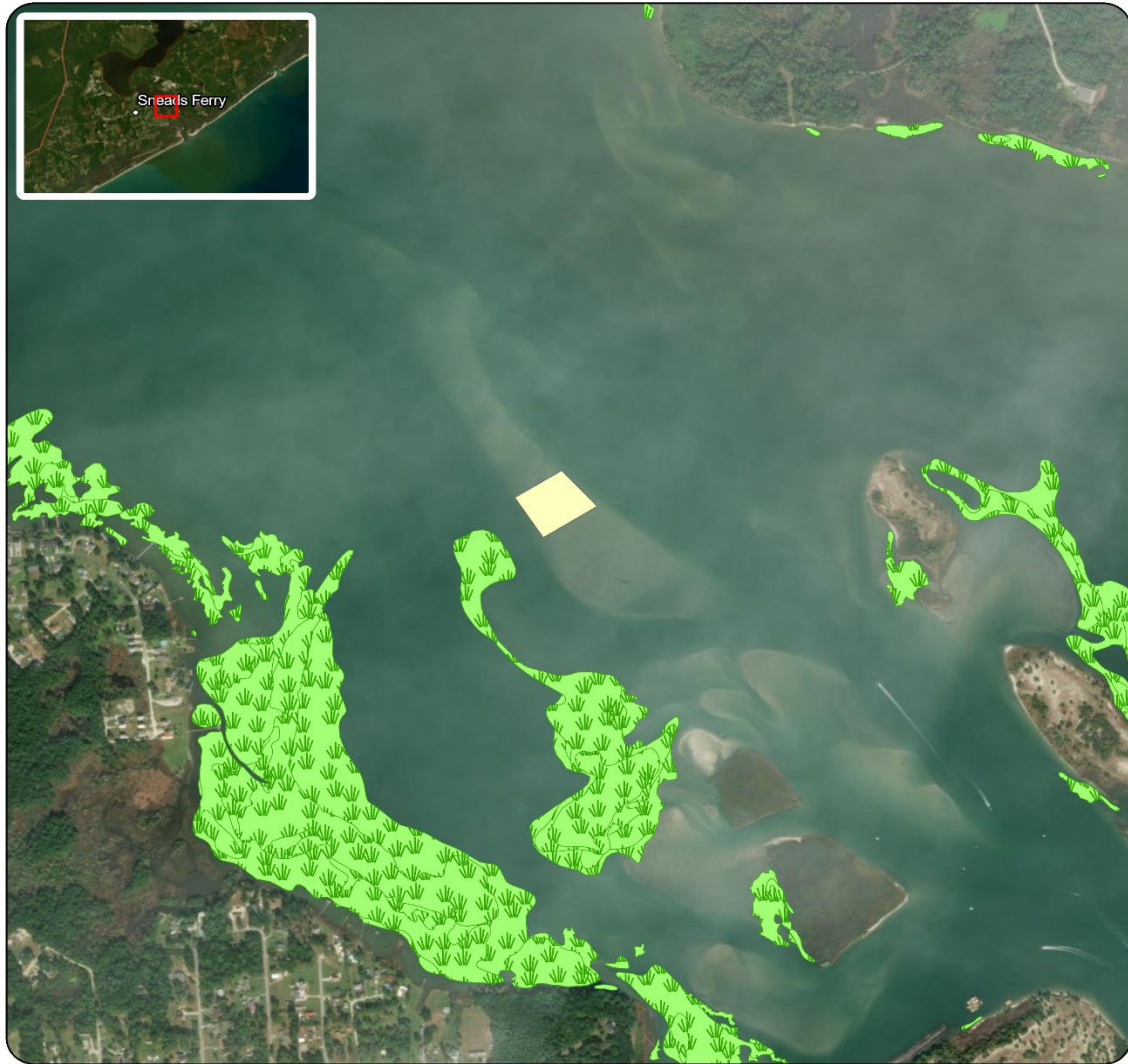
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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

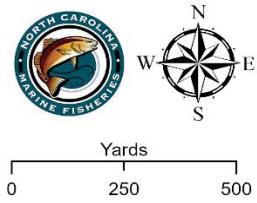
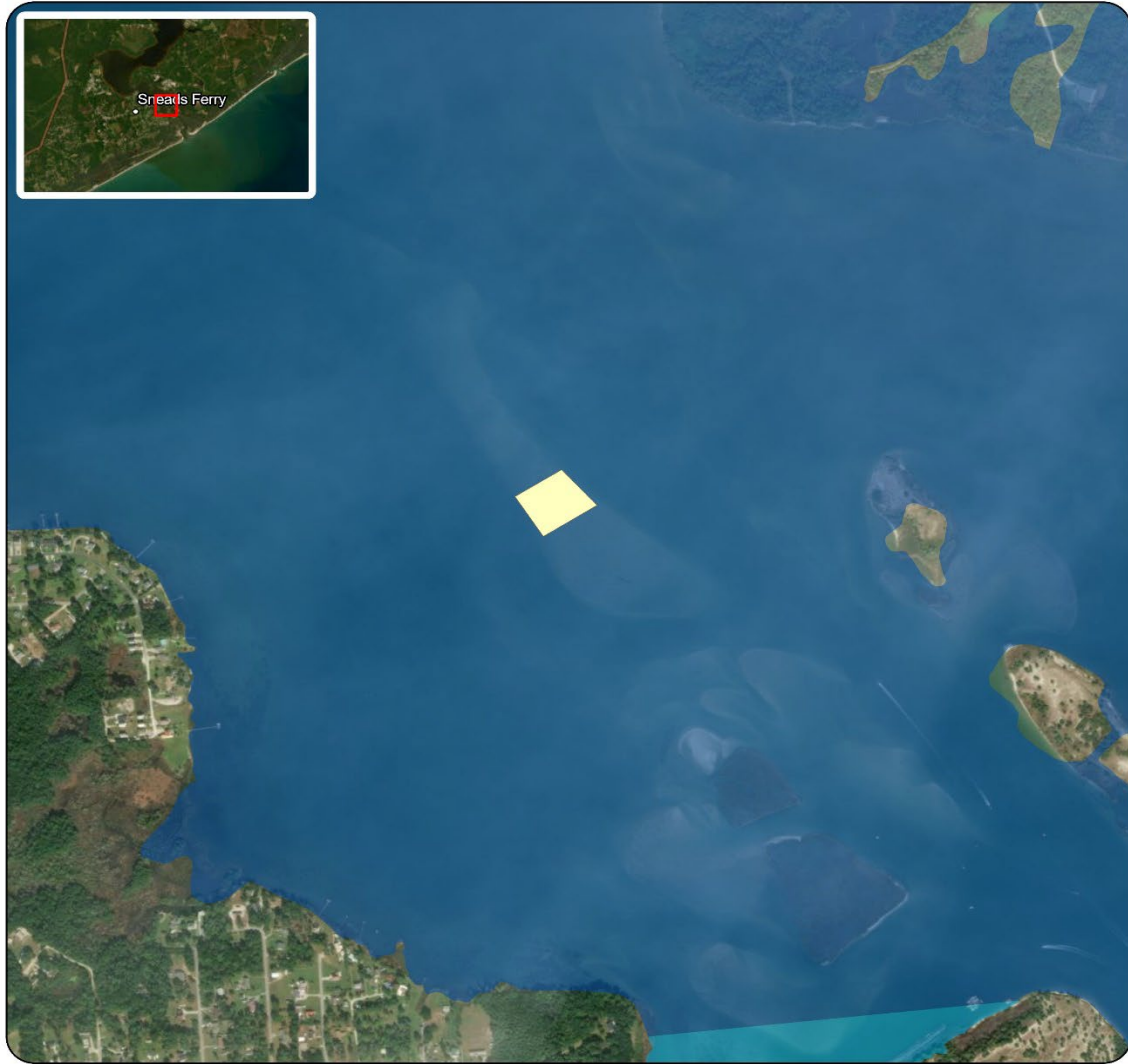
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Shellfish Growing Area Classification

- Approved
- Conditionally Approved - Open
- Proposed Lease Area

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 Cultch Planted Site

 Cultch Permit Area

 Shellfish Seed Management Area

 Proposed Lease Area

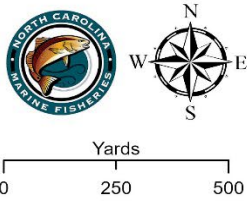
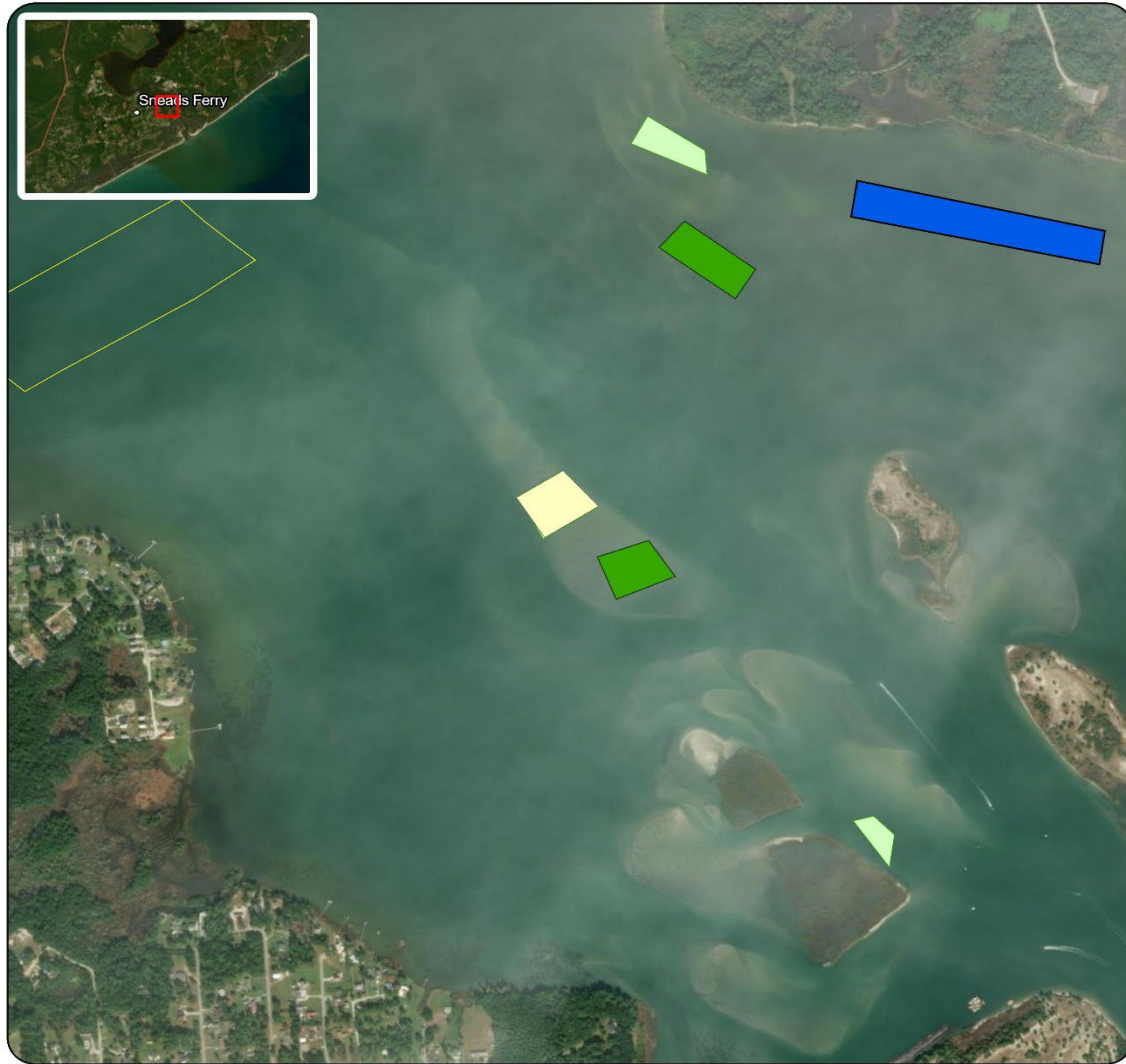
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- Other Proposed - Bottom
- Other Proposed - Water Column
- Bottom
- Water Column
- Franchise
- Proposed Lease Area

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Military Danger Zones and Restricted Areas

-  Conditionally Open
-  Proposed Lease Area

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- Federal Navigation Channel
- DCM Federal Navigation Channel Setbacks
- Proposed Lease Area

Acreage: 3.04



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