

Shellfish Lease Investigation Report	
Investigation Date	4/6/2021
Applicants name	Burr McLawhorn
Lease Number	21-002BL/21-003WC
County	Onslow
Water body/location	Mainland Areas/1301000000 (Topsail Sound area)
Proposed Lease Size (acres)	4.11
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/S. Tripp, A. Wells
Gear Used	766 - Patent Tong
Sediment Type	7 - Sandy mud
Bottom Composition	O - no grass
Depth (m)	0.75
Tidal Stage	High
Water Temperature (°C)	16.4
Salinity (ppt)	27.2
Dissolved Oxygen (mg/L)	6.78
Comments on SAV in or around Proposed Lease location	None
Other Species Collected	
In PNA?	Yes
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	No
Other Comments	

Application Coordinates		Actual Coordinates	
34.45903000	-77.52504000	34.45831550	-77.52414350
34.45834000	-77.52409000	34.45906500	-77.52506433
34.45921000	-77.52309000	34.45916717	-77.52308767
34.45995000	-77.52395000	34.45997683	-77.52393333

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Burr McLawhorn

Proposed Lease #: 21-002BL/21-003WC

Date: 4/6/2021

Lease size: 4.11 acres

of Samples: 98

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	4/6/2021	NA	O - no grass	- Sandy mud
2	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
3	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
4	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
5	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
6	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
7	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
8	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
9	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
10	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
11	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
12	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
13	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
14	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
15	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
16	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
17	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
18	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
19	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
20	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
21	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
22	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
23	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
24	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
25	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
26	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
27	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
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68	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
69	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
70	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
71	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
72	0	0	1	0	4/6/2021	NA	O - no grass	- Sandy mud
73	0	0	1	0	4/6/2021	NA	O - no grass	- Sandy mud
74	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
75	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
76	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
77	0	0	1	0	4/6/2021	NA	O - no grass	- Sandy mud
78	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
79	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Burr McLawhorn**

Proposed Lease #: 21-002BL/21-003WC

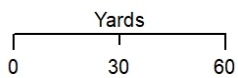
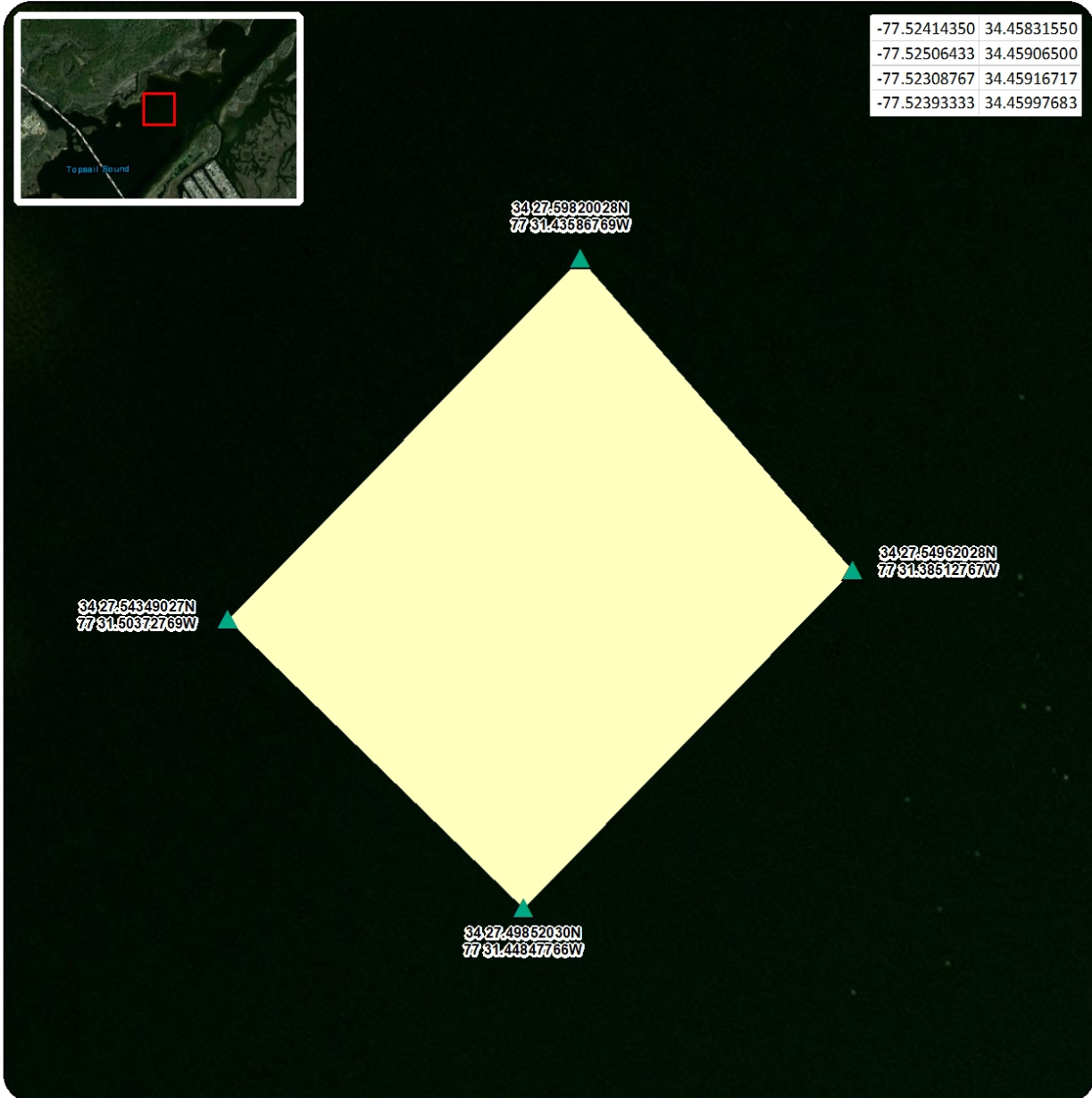
Date: 4/6/2021

Lease size: **4.11** acres # of Samples: **98**

Sample #	Presence of SAV/Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
80	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
81	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
82	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
83	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
84	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
85	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
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91	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
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93	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
94	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
95	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
96	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
97	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
98	0	0	0	0	4/6/2021	NA	O - no grass	- Sandy mud
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	OF SAMPLES CONTAINED SAV		
	TOTAL OF EACH SPECIES	0	7	0				
	TOTAL BUSHELS PER SPECIES	0	0.0175	0	0.722678571	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 21-002BL/21-003WC Burr McLawhorn

Date: 4/23/2021



- ▲ Proposed Corner Points
- Proposed Lease Area

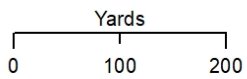
Acreage: 4.11


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 21-002BL/21-003WC
Burr McLawhorn

Date: 4/26/2021



 Proposed Lease Area

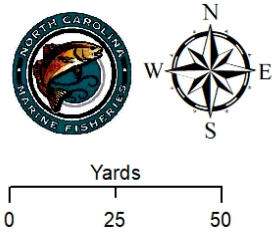
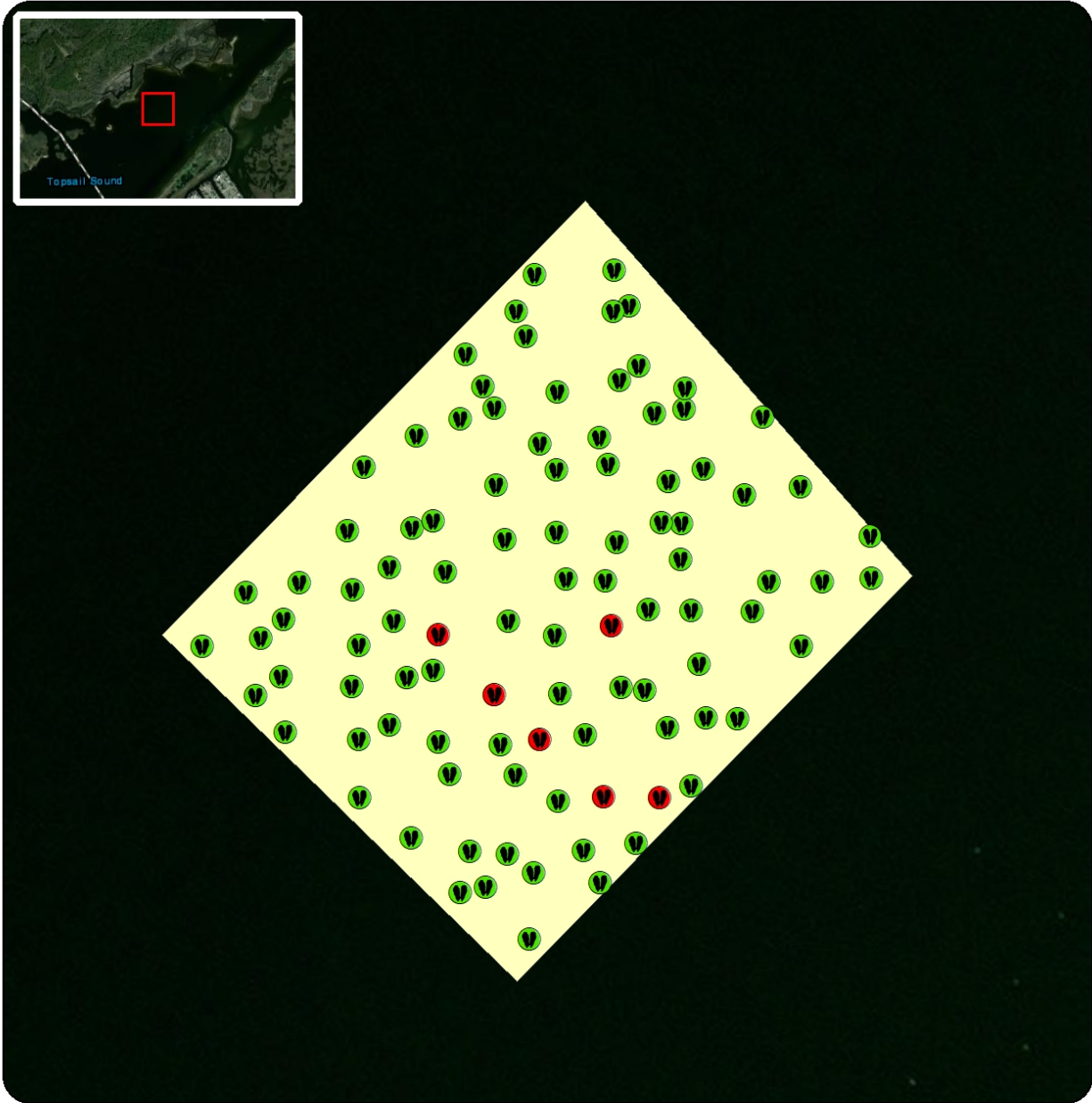
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- No Bivalve Shellfish Present
- Bivalve Shellfish Present
- Proposed Lease Area

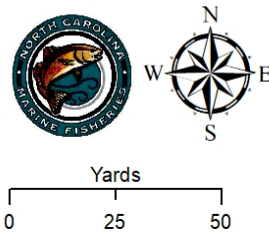
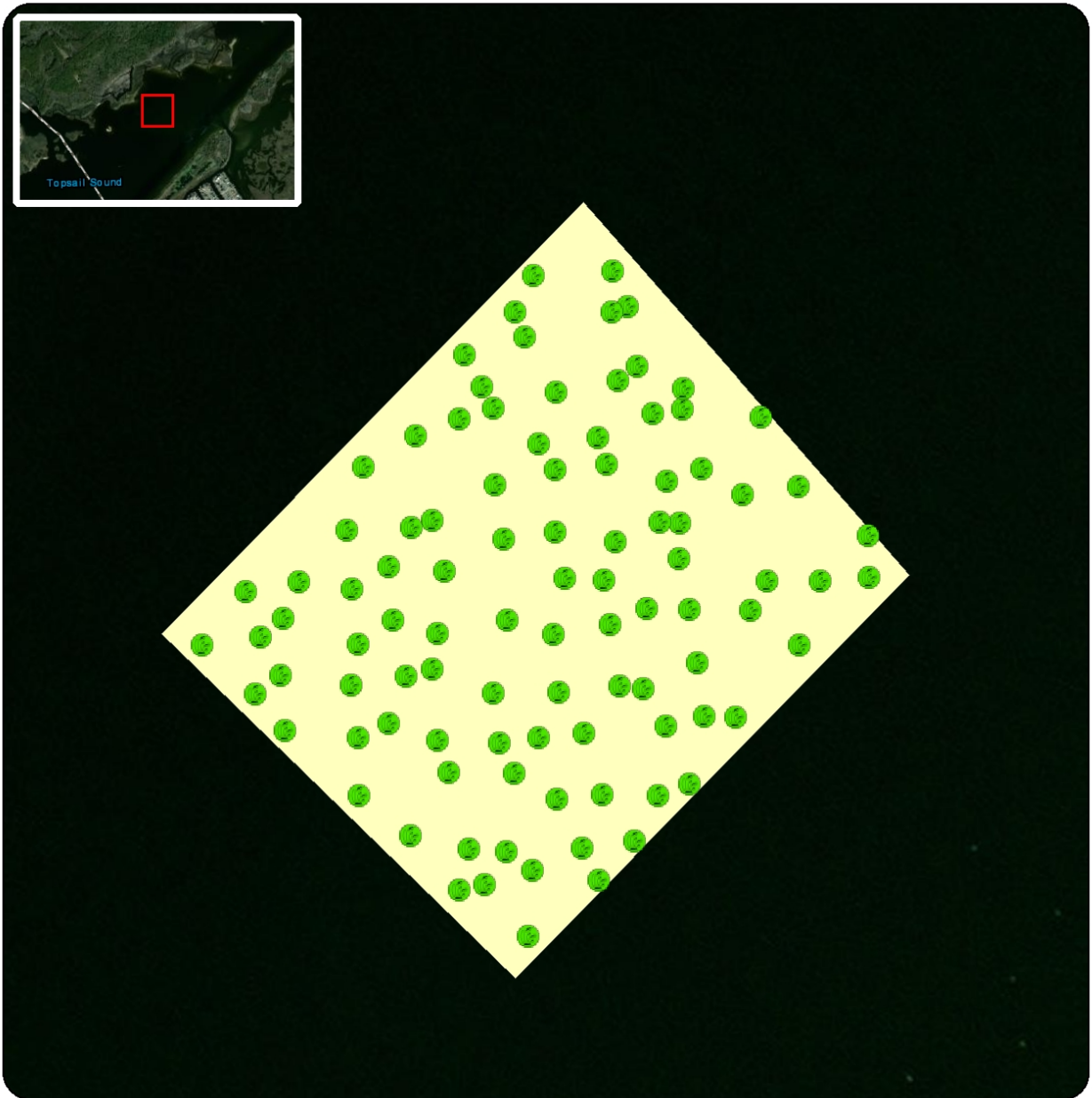
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
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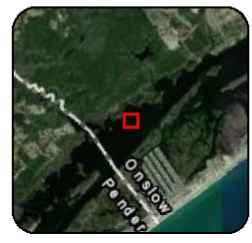
Date: 4/23/2021



-  No SAV Present
-  Proposed Lease Area

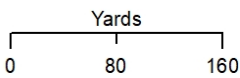
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


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 21-002BL/21-003WC
Burr McLawhorn

Date: 4/23/2021



-  Proposed Lease Area
-  Submerged Aquatic Vegetation
-  Federal Navigation Channel

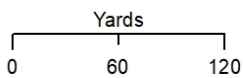
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Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 21-002BL/21-003WC Burr McLawhorn

Date: 4/23/2021



-  Proposed Lease Area
-  Conditionally Approved - Open

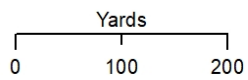
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

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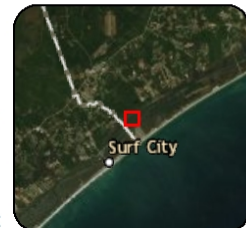
Date: 4/26/2021



-  Proposed Lease Area
-  Federal Navigation Channel

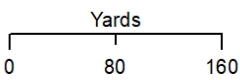
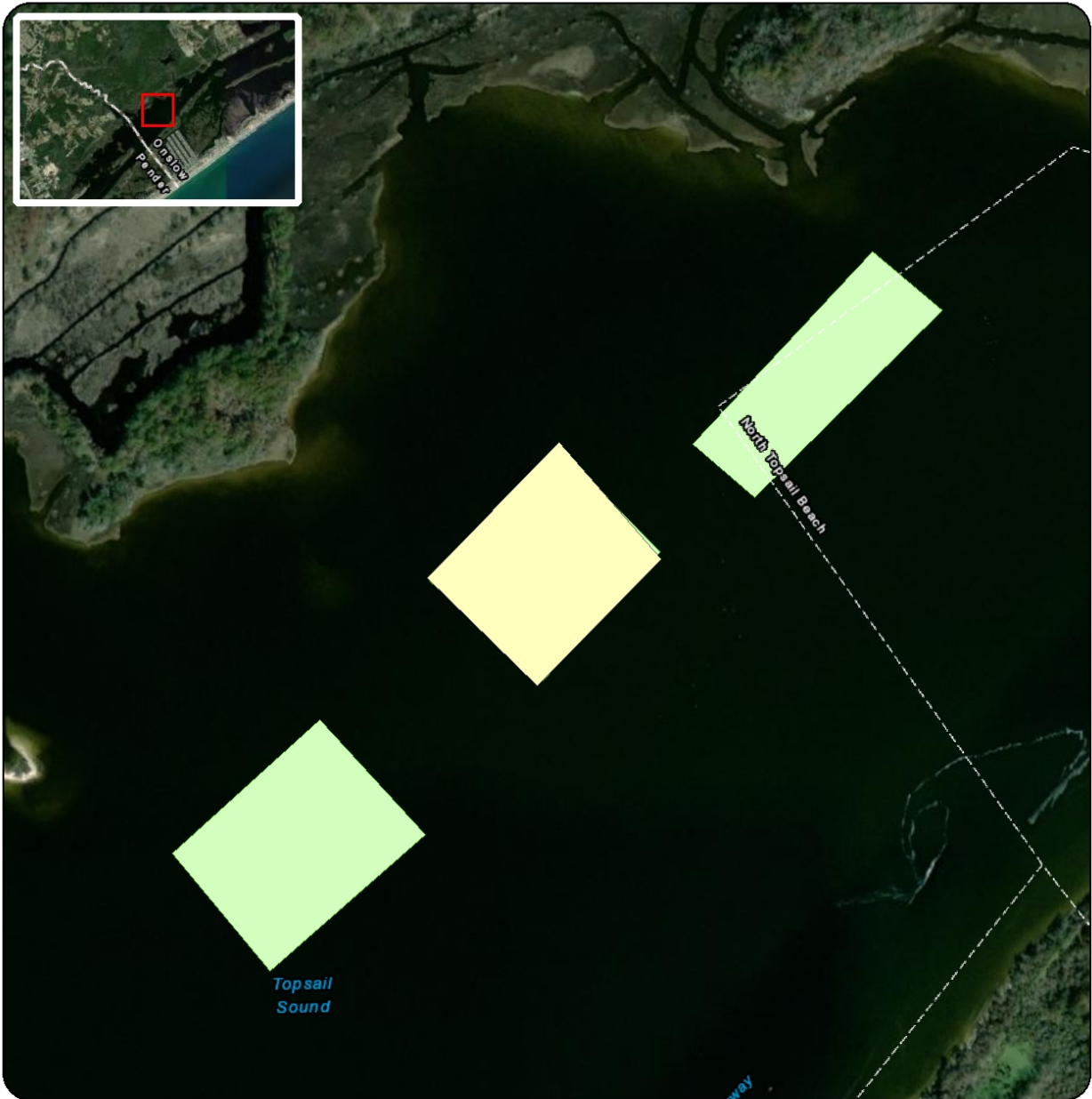
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Proposed Lease Area

Lease Type

Other Proposed - Water Column

Other Proposed - Bottom

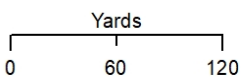
Acreage: 4.11

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Proposed Lease ID/Number: 21-002BL/21-003WC
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- Proposed Lease Area
- Cultch Planting Permit Area

Cultch Planted Sites (Year)

- 2009
- 2013

Acreage: 4.11

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





