

Shellfish Lease Investigation Report	
Investigation Date	9/25/2023
Applicants name	Cedar Island Oyster Company LLC - Samuel Styron
Lease Number	23-032BL/23-033WC
County	Carteret
Waterbody/location	East North Bay
Proposed Lease Size (acres)	4.42
Lease Type	Bottom/Water Column
Investigation Team	S. Tripp; G. Stilson; A. Frost
Gear Used	766 - Patent Tong
Sediment Type	8 - Sand
Bottom Composition	O - no grass
Depth (m)	1.25
Tidal Stage	Wind Tide
Water Temperature (°C)	23.4
Salinity (ppt)	24.8
Dissolved Oxygen (mg/L)	7.7
Comments on SAV in or around Proposed Lease location	None
Other Species Collected	None
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	

Application Coordinates		Modified Coordinates		Actual Coordinates	
Latitude	Longitude	Latitude	Longitude	Latitude	Longitude
35.008862	-76.322723	35.009013	-76.322872	35.009023	-76.322869
35.007553	-76.321511	35.007400	-76.321361	35.007375	-76.321382
35.006803	-76.322466	35.006955	-76.321997	35.006907	-76.322018
35.008263	-76.323742	35.008614	-76.323552	35.008590	-76.323542

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Cedar Island Oyster Company LLC
- Samuel Styron

Proposed Lease #: 23-032BL/23-033WC

Date: 9/25/2023

Lease size: 4.42 acres # of Samples: 108

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	9/25/2023	NA	O - no grass	8 - Sand
2	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
3	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
4	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
5	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
6	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
7	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
8	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
9	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
10	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
11	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
12	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
13	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
14	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
15	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
16	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
17	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
18	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
19	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
20	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
21	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
22	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
23	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
24	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
25	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
26	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
27	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
28	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
29	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
30	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
31	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
32	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
33	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
34	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
35	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
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63	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
64	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
65	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
66	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Cedar Island Oyster Company LLC
- Samuel Styron

Proposed Lease #: 23-032BL/23-033WC

Date: 9/25/2023

Lease size: 4.42 acres # of Samples: 108

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
67	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
68	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
69	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
70	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
71	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
72	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
73	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
74	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
75	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
76	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
77	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
78	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
79	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
80	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
81	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
82	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
83	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
84	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
85	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
86	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
87	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
88	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
89	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
90	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
91	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
92	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
93	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
94	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
95	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
96	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
97	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
98	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
99	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
100	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
101	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
102	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
103	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
104	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
105	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
106	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
107	0	0	0	0	9/25/2023	NA	O - no grass	8 - Sand
108	0	0	0	0	9/25/2023	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	0	0				
TOTAL BUSHELS PER SPECIES		0	0	0	0.00	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 23-032BL/23-033WC
 Cedar Island Oyster Company, LLC - Samuel Styron

Date: 6/6/2024



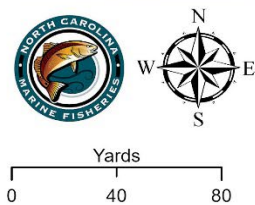
▲ Proposed Corner Points
 ■ Proposed Lease Area **Acreage: 4.42**

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



Proposed Lease ID/Number: 23-032BL/23-033WC
Cedar Island Oyster Company, LLC - Samuel Styron

Date: 9/26/2023



SAV Present

● No

■ Proposed Lease Area

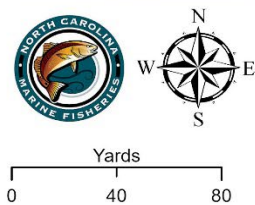
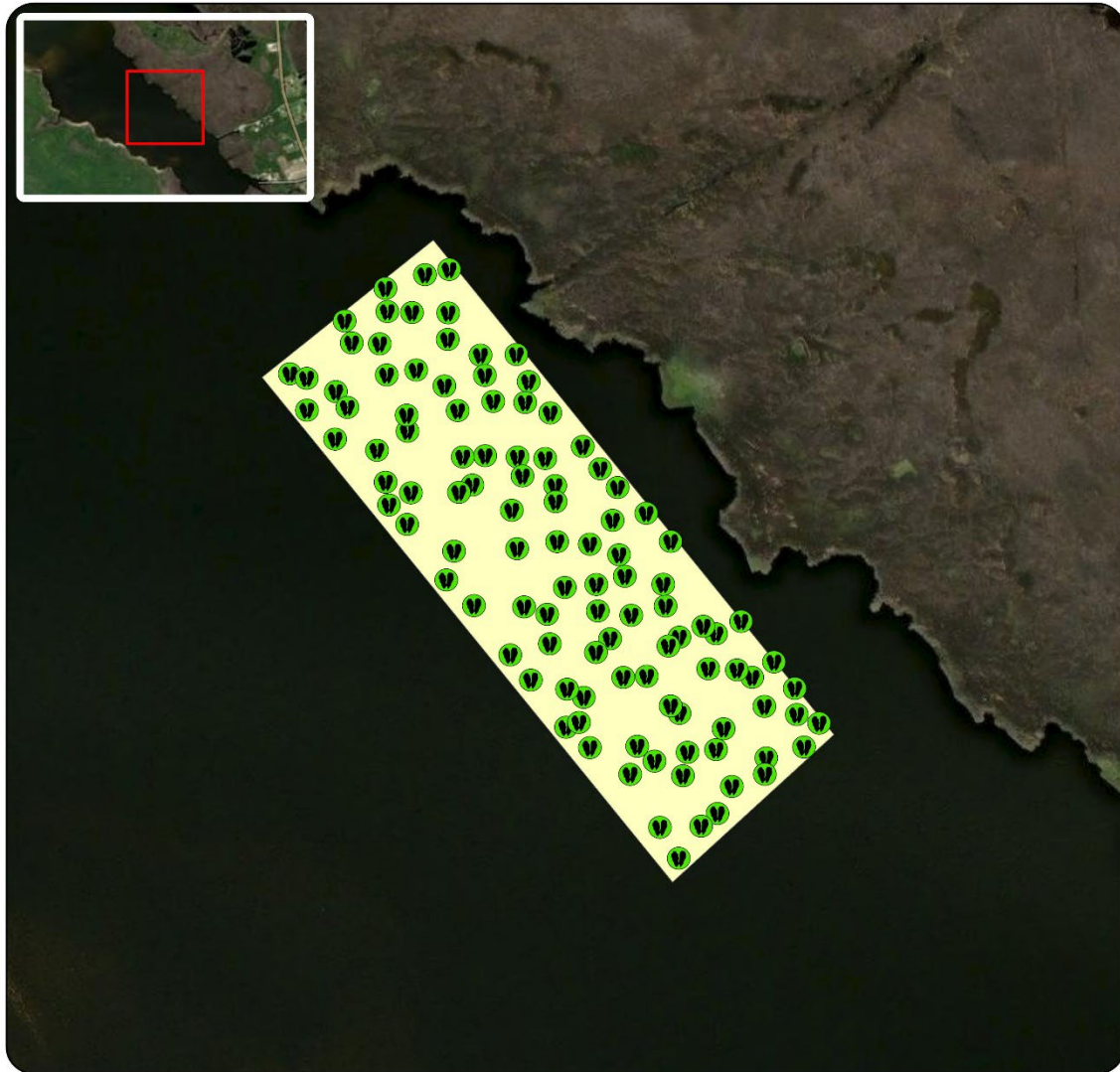
Acreage: 4.42

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



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Date: 9/26/2023



Shellfish Present

- No
- Proposed Lease Area

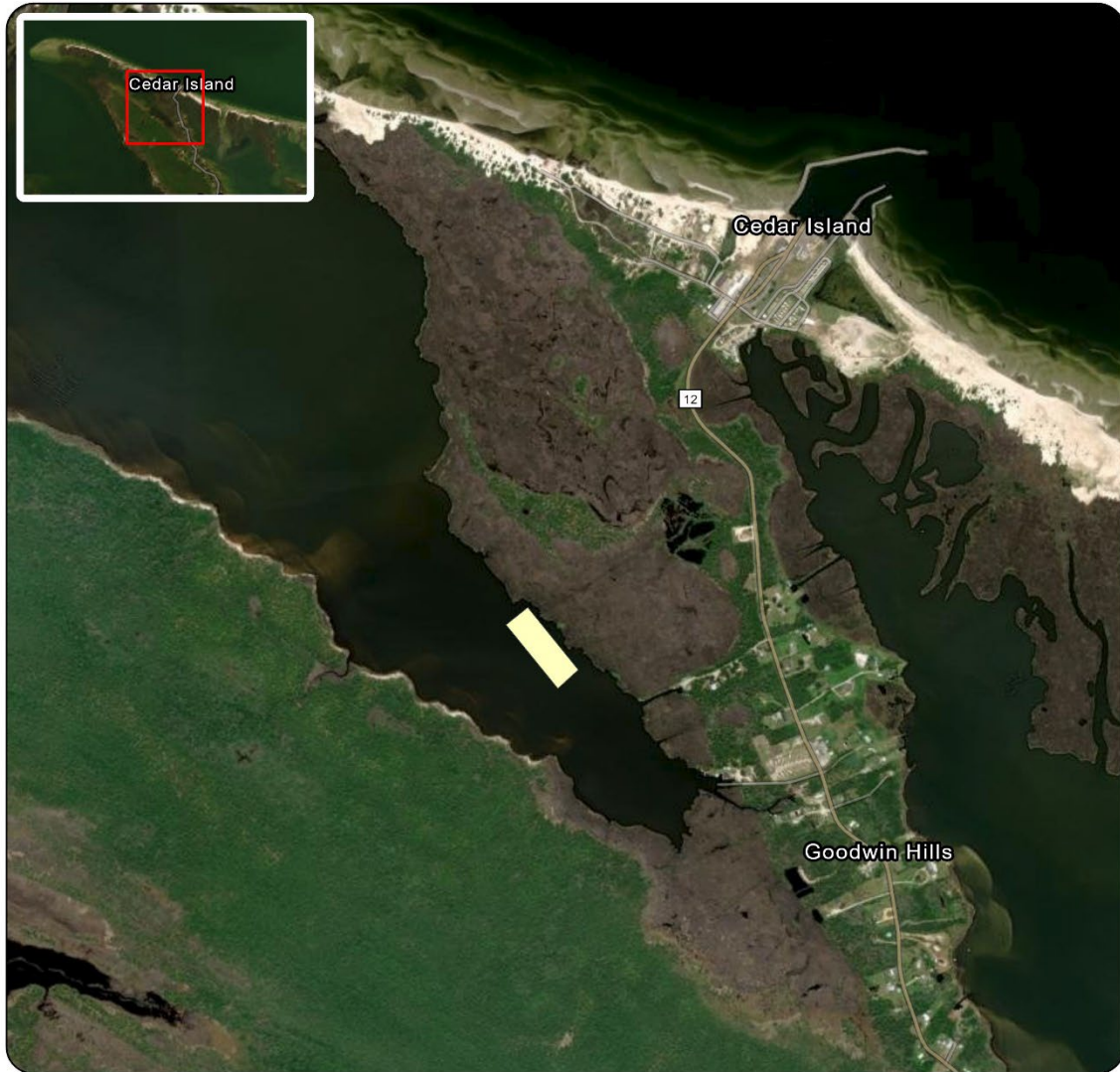
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Cedar Island Oyster Company, LLC - Samuel Styron

Date: 9/26/2023



 Proposed Lease Area

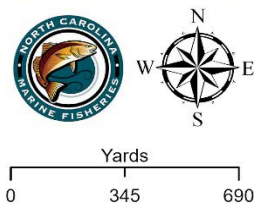
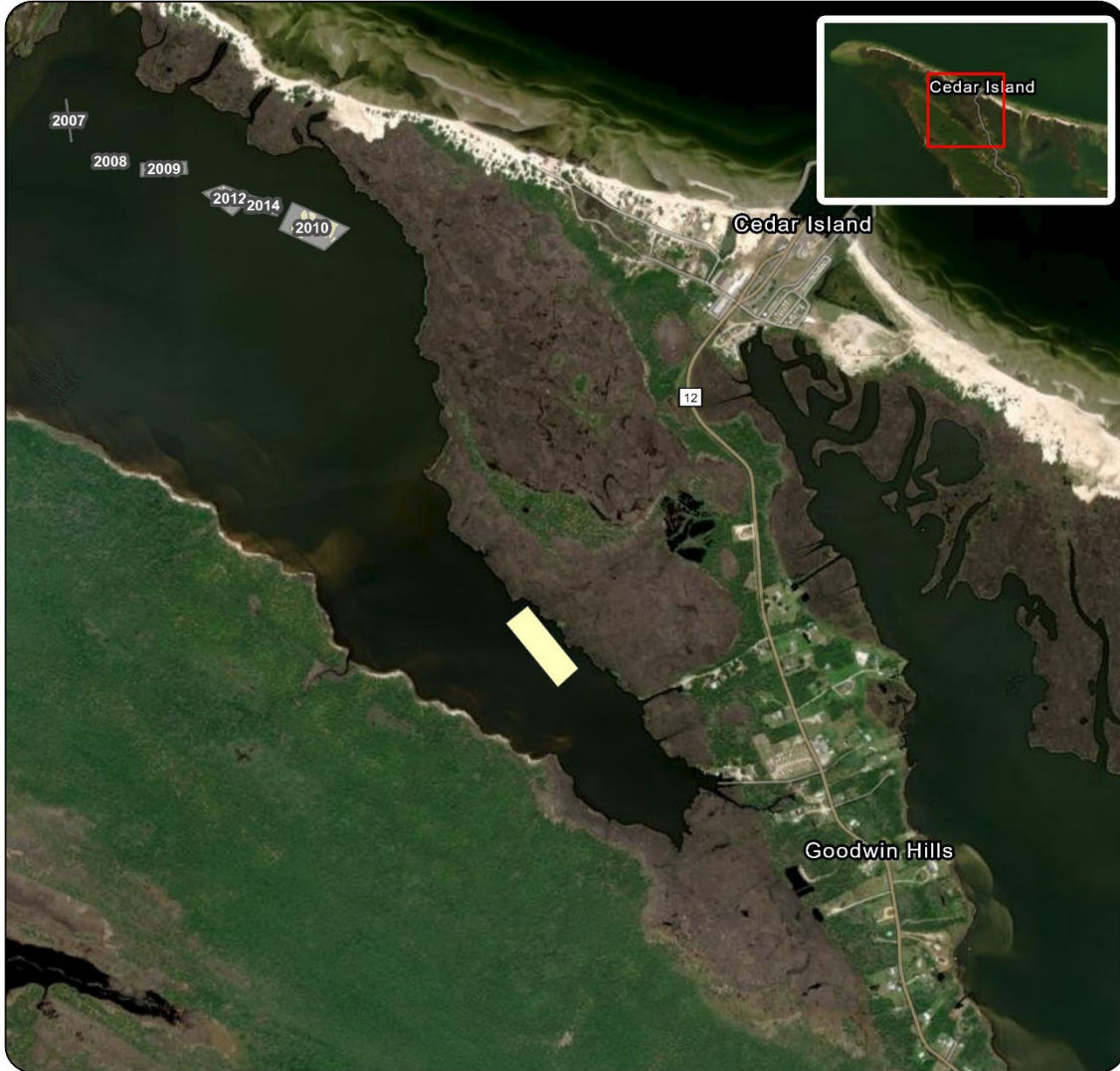
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Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Proposed Lease ID/Number: 23-032BL/23-033WC
Cedar Island Oyster Company, LLC - Samuel Styron

Date: 9/26/2023



- Cultch Planted Site
- Proposed Lease Area

Acreage: 4.42

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



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Cedar Island Oyster Company, LLC - Samuel Styron

Date: 9/26/2023



SGA Classification

- Approved
- CSHA - Prohibited
- Proposed Lease Area

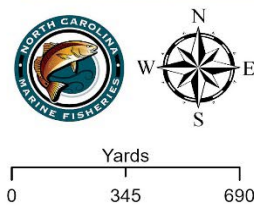
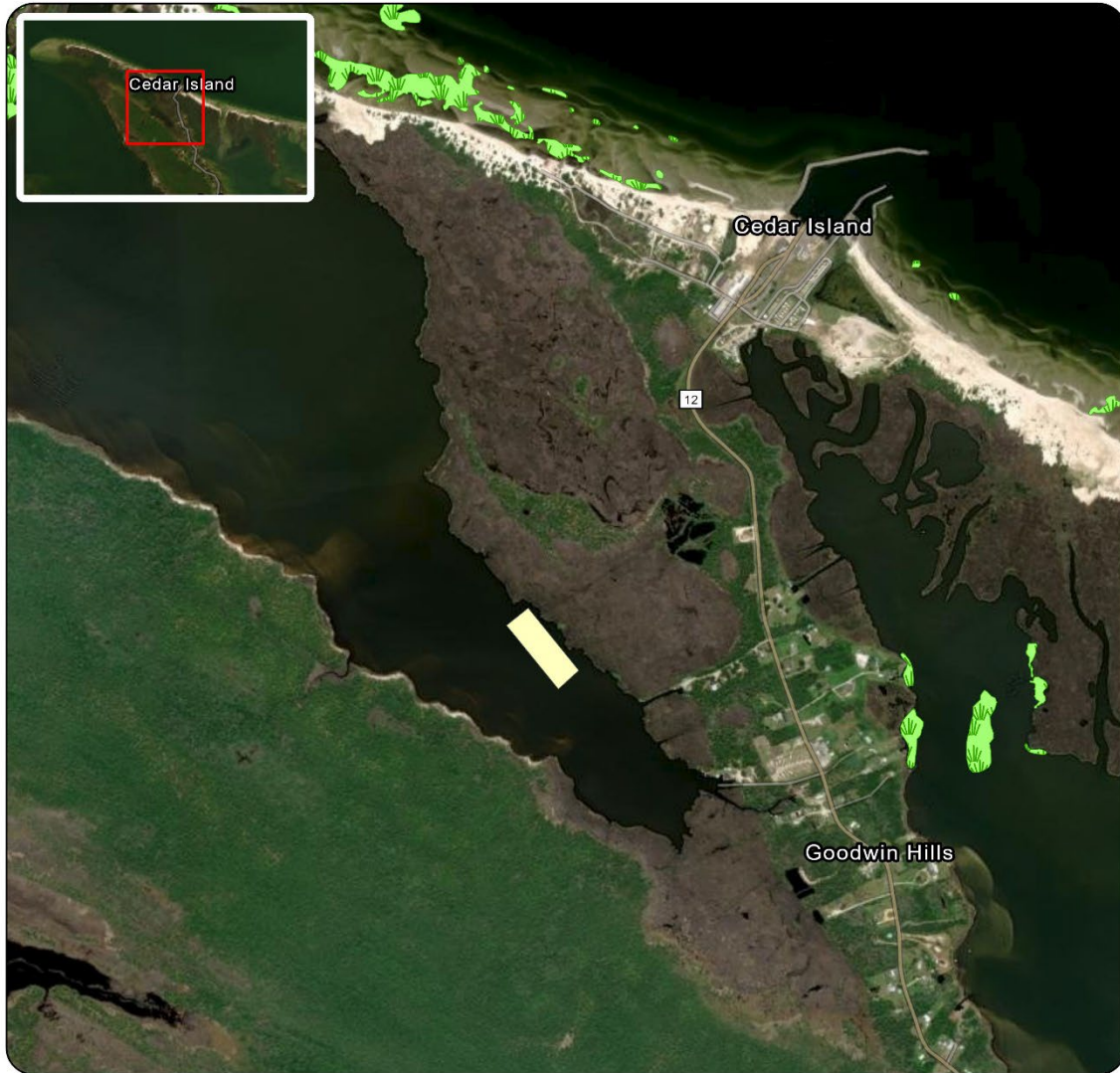
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
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

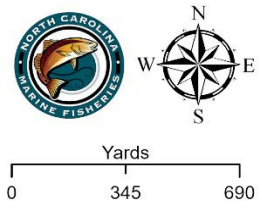
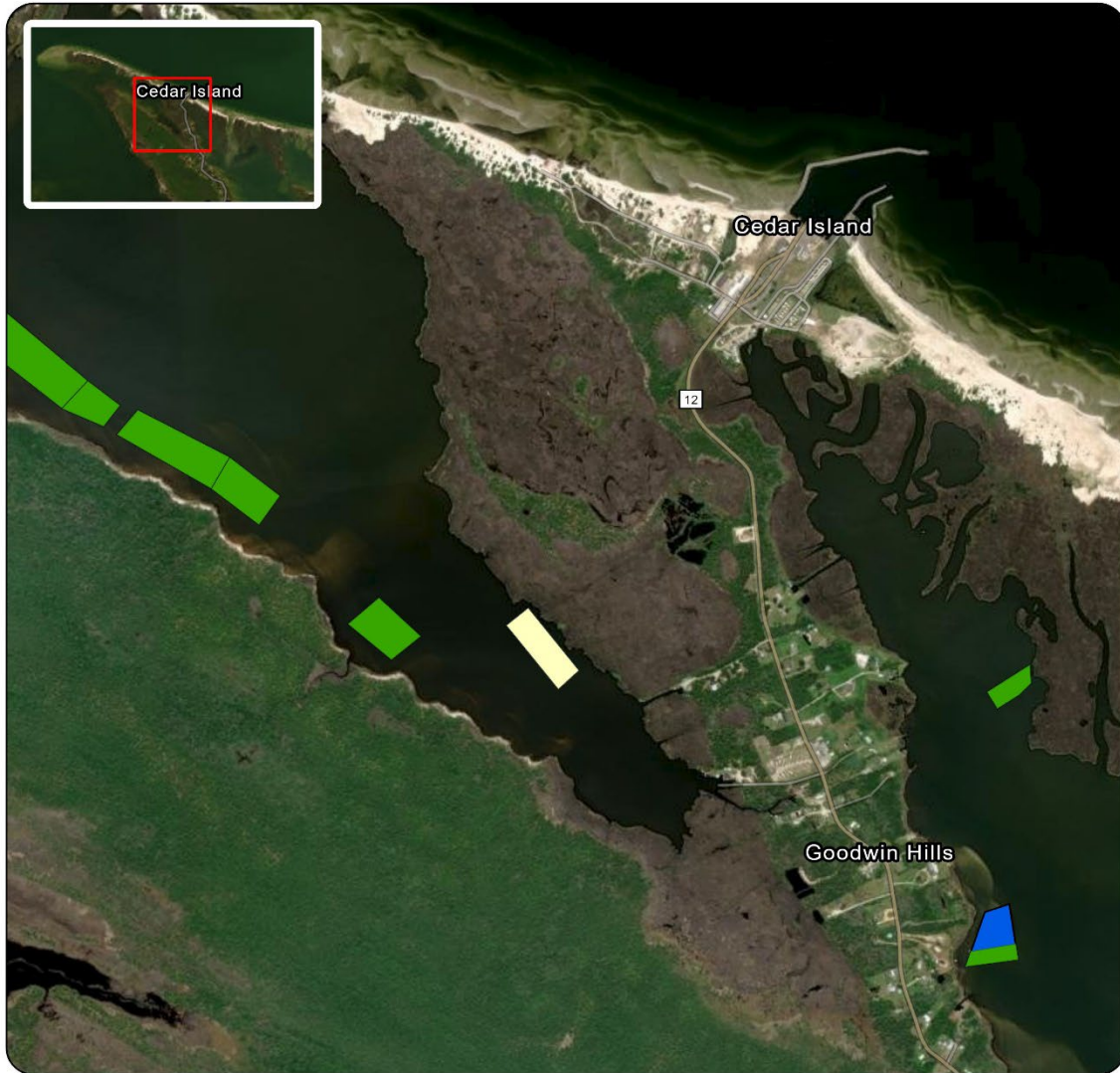
Acreage: 4.42

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



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Cedar Island Oyster Company, LLC - Samuel Styron

Date: 9/26/2023



- Bottom
- Water Column
- Proposed Lease Area

Acreage: 4.42

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









PROPOSED SHELLFISH
BOTTOM LEASE 23-032BL
WATER COLUMN 23-033WC
CEDAR ISLAND OYSTER CO. LLC
SAMUEL A. STYRON (Agent)
July 21, 2023
4.31 ACRES
FOR ADDITIONAL INFORMATION CALL:
N.C. DIVISION OF MARINE FISHERIES
HABITAT & ENHANCEMENT SECTION
POST OFFICE BOX 769, MOREHEAD CITY, NC 28557
TELEPHONE: 252-808-8049

