

Shellfish Lease Investigation Report	
Investigation Date	5/22/2024 – 5/23/2024
Applicants name	C.I. Salts Oyster Company, LLC- Ralph W. Brittingham Jr.
Lease Number	24-007BL/24-008WC
County	Carteret
Waterbody/location	North Bay
Proposed Lease Size (acres)	4.22
Lease Type	Bottom/Water Column
Investigation Team	R. Farnell; E. Ellis
Gear Used	766 - Patent Tong
Sediment Type	6 - Muddy sand
Bottom Composition	O - no grass
Depth (m)	0.8 m average
Tidal Stage	B - Mid ebb
Water Temperature (°C)	22.4
Salinity (ppt)	21.7
Dissolved Oxygen (mg/L)	7.2
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	No
In Polluted Area?	No: Approved
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	Yes
Other Comments	Depth NE corner (1): 0.6m Depth SE corner (2): 0.6m Depth SW corner (3): 0.9m Depth NW corner (4): 1.0m Depth center: 0.9m

Application Coordinates	
Latitude	Longitude
35.022613	-76.332868
35.021628	-76.331396
35.020964	-76.332072
35.021882	-76.333563

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: C.I. Salts Oyster Company, LLC- Ralph W. Brittingham Jr.

Proposed Lease #: 24-007BL/24-008WC

Date: 5/22/2024 – 5/23/2024

Lease size: 4.22 acres # of Samples: 106

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	5/22/2024	NA	O - no grass	6 - Muddy sand
2	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
3	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
4	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
5	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
6	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
7	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
8	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
9	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
10	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
11	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
12	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
13	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
14	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
15	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
16	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
17	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
18	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
19	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
20	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
21	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
22	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
23	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
24	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
25	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
26	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
27	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
28	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
29	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
30	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
31	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
32	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
33	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
34	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
35	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
36	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
37	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
38	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
39	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
40	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
41	0	0	0	0	5/22/2024	NA	O - no grass	6 - Muddy sand
42	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
43	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
44	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
45	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
46	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
47	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
48	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
49	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
50	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
51	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
52	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
53	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
54	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
55	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
56	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
57	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
58	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
59	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
60	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
61	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
62	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
63	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
64	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
65	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
66	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
67	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
68	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
69	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
70	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
71	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
72	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
73	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
74	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
75	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
76	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
77	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: C.I. Salts Oyster Company, LLC- Ralph W. Brittingham Jr.

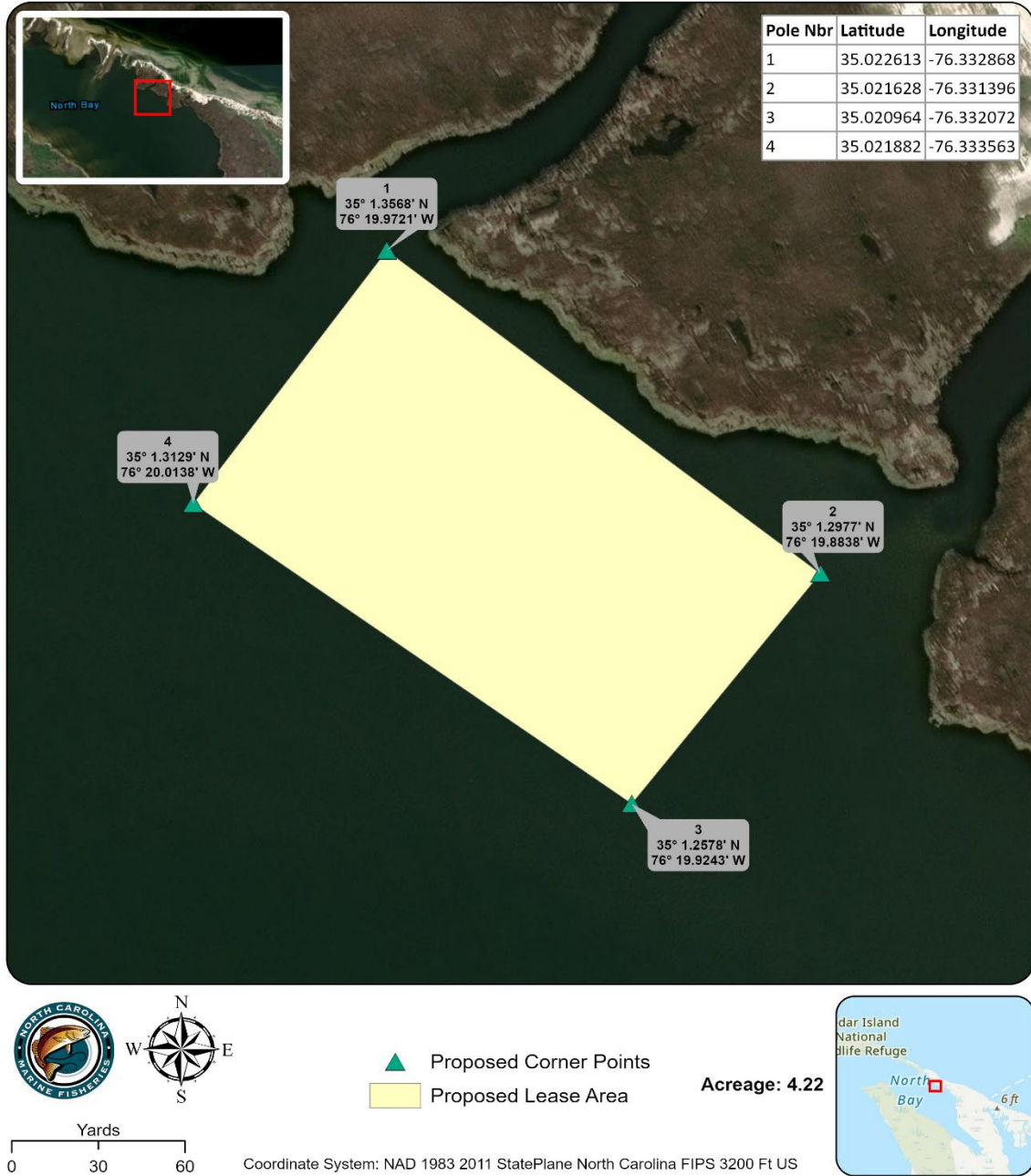
Proposed Lease #: 24-007BL/24-008WC

Date: 5/22/2024 – 5/23/2024

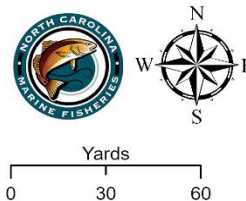
Lease size: 4.22 acres # of Samples: 106

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
78	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
79	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
80	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
81	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
82	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
83	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
84	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
85	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
86	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
87	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
88	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
89	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
90	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
91	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
92	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
93	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
94	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
95	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
96	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
97	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
98	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
99	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
100	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
101	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
102	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
103	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
104	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
105	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
106	0	0	0	0	5/23/2024	NA	O - no grass	6 - Muddy sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	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: 24-007BL/24-008WC
 C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.
 Date: 2/5/2025



Proposed Lease ID/Number: 24-007BL/24-008WC
C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.
Date: 2/5/2025



SAV Density
● None - 0
■ Proposed Lease Area

Acreage: 4.22

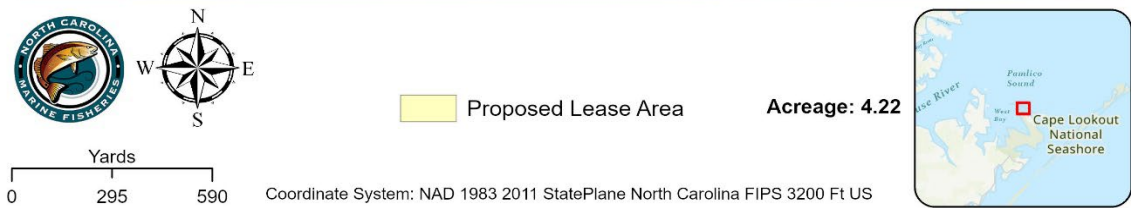
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Proposed Lease ID/Number: 24-007BL/24-008WC
C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.
Date: 2/5/2025



Proposed Lease ID/Number: 24-007BL/24-008WC
C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.
Date: 2/5/2025



Proposed Lease ID/Number: 24-007BL/24-008WC
C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.

Date: 2/5/2025



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

Acreage: 4.22

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



Proposed Lease ID/Number: 24-007BL/24-008WC
C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.

Date: 2/5/2025



Shellfish Growing Area Classification

- Approved
- Closed Shellfish Harvest Area - Prohibited
- Proposed Lease Area

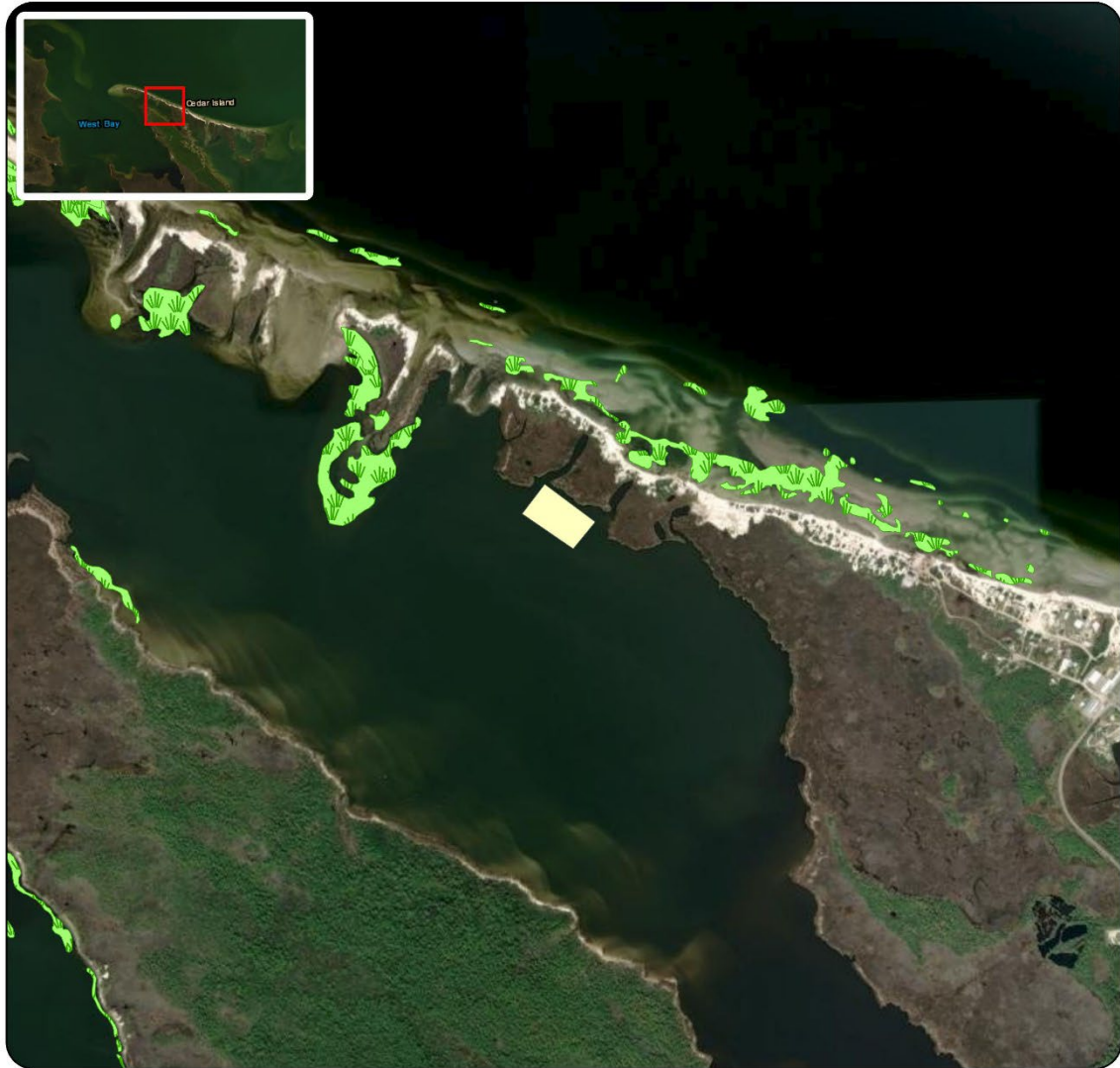
Acreage: 4.22



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



Proposed Lease ID/Number: 24-007BL/24-008WC
C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.

Date: 2/5/2025



-  Submerged Aquatic Vegetation
-  Proposed Lease Area

Acreage: 4.22

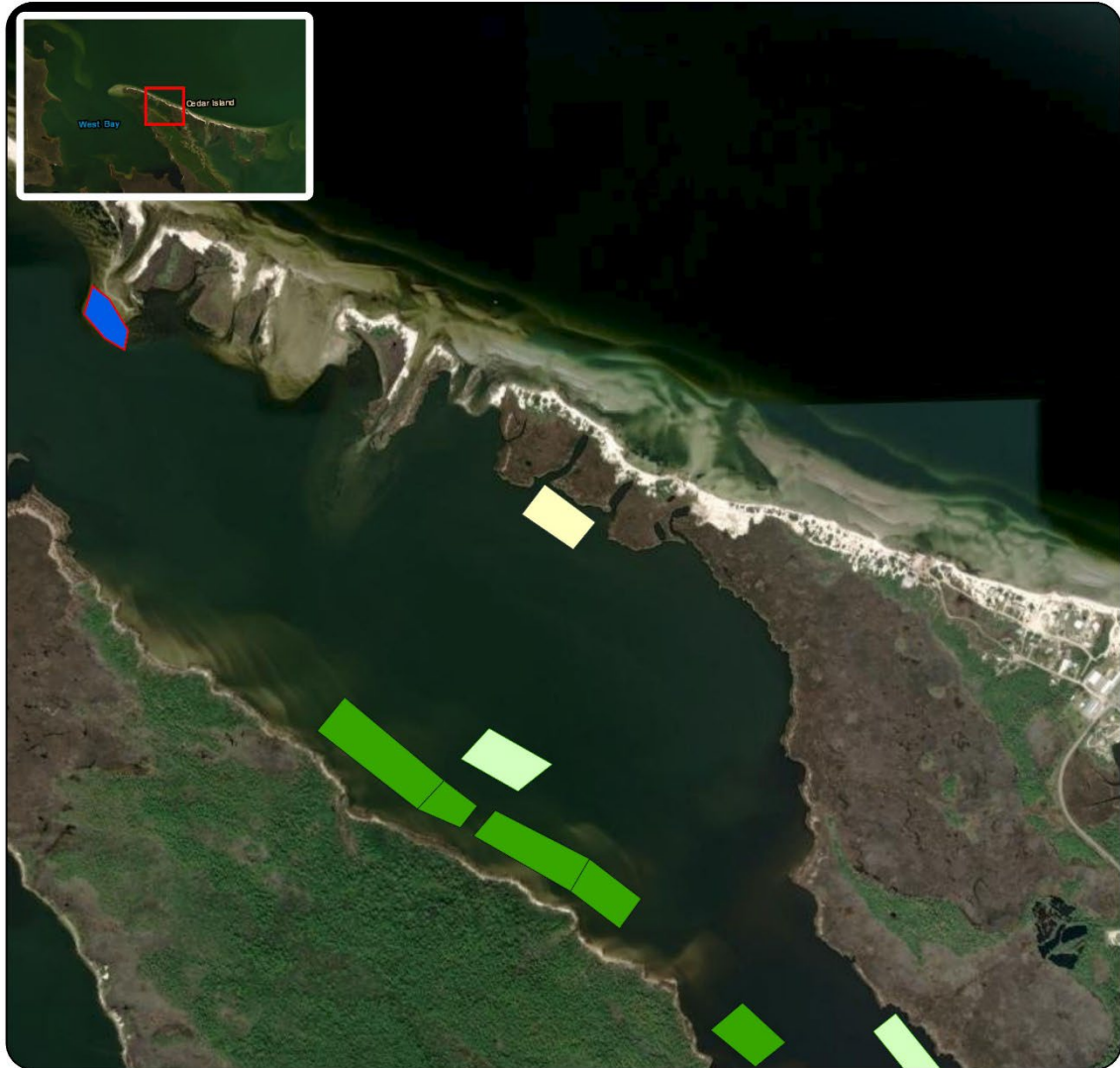


Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Proposed Lease ID/Number: 24-007BL/24-008WC
 C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.

Date: 2/5/2025



- Other Proposed - Bottom
- Other Proposed - Water Column
- Bottom

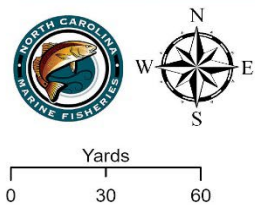
- Water Column
- Terminated
- Proposed Lease Area

Acreage: 4.22

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



Proposed Lease ID/Number: 24-007BL/24-008WC
C.I. Salts Oyster Company, LLC- Ralph W. Brittingham, Jr.
Date: 2/5/2025



- Duck Blind
- Proposed Lease Area

Acreage: 4.22

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













Duck Blind East of Lease



Duck Blind West of Lease