

Shellfish Lease Investigation Report	
Investigation Date	9/13/2021
Applicants name	Carraway Oyster Company, LLC - Richard Carraway
Lease Number	21-054BL/21-055WC
County	Hyde
Waterbody/location	Abel Bay
Proposed Lease Size (acres)	5.69
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/A. Frost/S. Tripp/A. Wells
Gear Used	766 - Patent Tong
Sediment Type	1 - hard sand
Bottom Composition	O - no grass
Depth (m)	1.5
Tidal Stage	Wind
Water Temperature (°C)	24.8
Salinity (ppt)	11.9
Dissolved Oxygen (mg/L)	1.4
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	Permanent Secondary Nursery Area
In Polluted Area?	No - Approved
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	Crab pots throughout lease

Application Coordinates		Actual Coordinates	
35.39821667	-76.50410000	35.39653300	-76.50580700
35.39761667	-76.50338333	35.39775550	-76.50339033
35.39598333	-76.50505000	35.39590450	-76.50499683
35.39651667	-76.50580000	35.39825333	-76.50409100

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: y Oyster Company, LLC - Richard C

Proposed Lease #: 21-054BL/21-055WC

Date: 9/13/2021

Lease size: 5.69 acres

of Samples: 138

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	9/13/2021	NA	O - no grass	L - hard sand
2	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
3	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
4	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
5	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
6	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
7	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
8	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
9	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
10	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
11	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
12	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
13	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
14	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
15	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
16	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
17	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
18	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
19	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
20	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
21	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
22	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
23	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
24	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
25	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
26	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
27	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
28	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
29	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
30	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
31	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
32	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
33	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
34	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
35	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
36	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
37	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
38	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
39	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
40	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
41	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
42	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
43	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
44	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
45	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
46	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
47	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
48	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
49	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
50	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
51	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
52	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
53	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
54	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
55	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
56	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
57	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
58	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
59	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
60	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
61	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
62	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
63	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
64	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
65	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
66	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
67	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
68	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
69	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
70	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
71	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
72	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
73	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
74	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
75	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
76	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
77	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
78	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
79	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: y Oyster Company, LLC - Richard C

Proposed Lease #: 21-054BL/21-055WC

Date: 9/13/2021

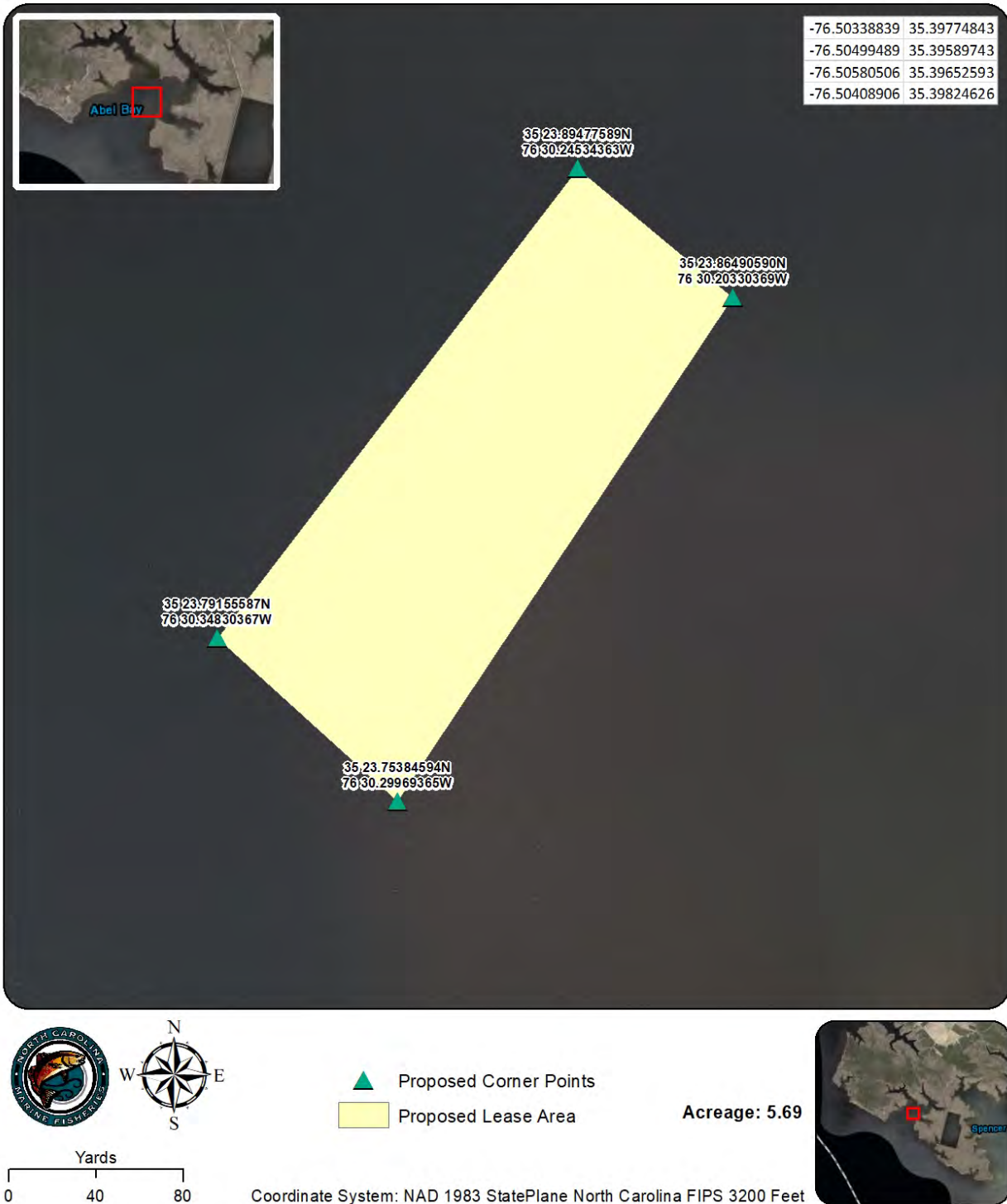
Lease size: 5.69 acres

of Samples: 138

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	9/13/2021	NA	O - no grass	L - hard sand
81	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
82	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
83	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
84	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
85	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
86	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
87	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
88	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
89	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
90	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
91	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
92	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
93	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
94	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
95	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
96	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
97	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
98	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
99	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
100	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
101	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
102	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
103	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
104	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
105	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
106	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
107	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
108	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
109	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
110	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
111	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
112	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
113	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
114	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
115	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
116	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
117	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
118	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
119	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
120	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
121	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
122	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
123	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
124	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
125	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
126	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
127	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
128	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
129	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
130	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
131	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
132	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
133	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
134	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
135	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
136	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
137	0	0	0	0	9/13/2021	NA	O - no grass	L - hard sand
138	0	0	0	0	9/13/2021	NA	O - no grass	L - hard 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	TOTAL BUSHELS OF SHELLFISH PER ACRE		

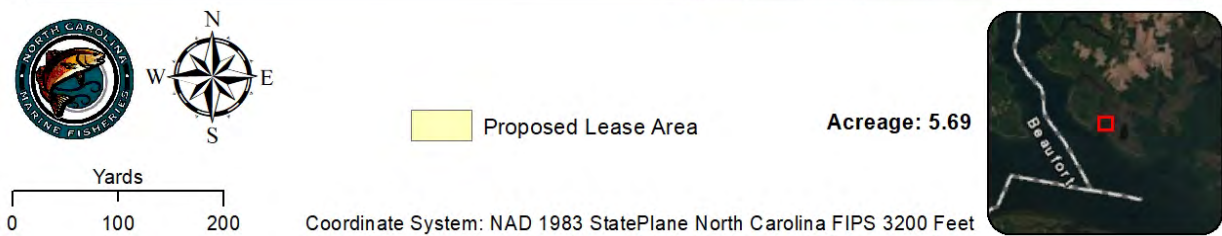
Proposed Lease ID/Number: 21-054BL/21-055WC
Carraway Oyster Company, LLC - Richard Carraway

Date: 9/15/2021



Proposed Lease ID/Number: 21-054BL/21-055WC
Carraway Oyster Company, LLC - Richard Carraway

Date: 9/15/2021



Proposed Lease ID/Number: 21-054BL/21-055WC
Carraway Oyster Company, LLC - Richard Carraway

Date: 9/15/2021



Yards
0 30 60

 No Bivalve Shellfish Present
 Proposed Lease Area

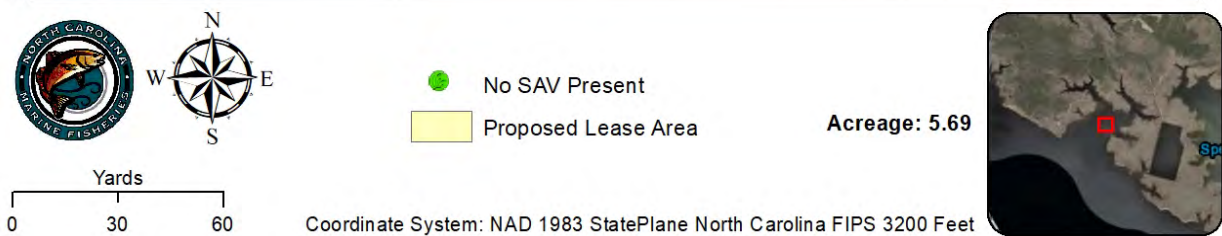
Acreage: 5.69

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



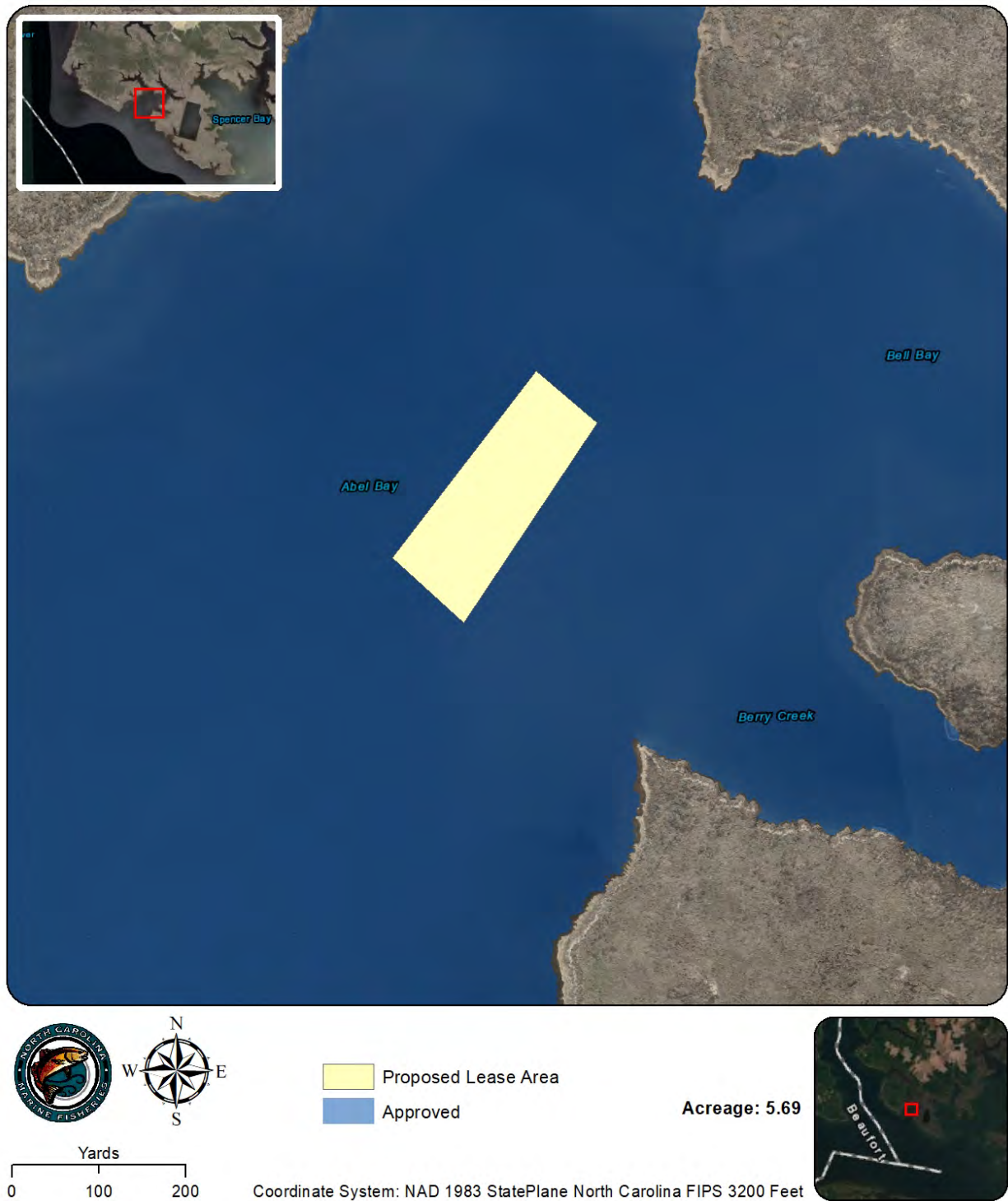
Proposed Lease ID/Number: 21-054BL/21-055WC
Carraway Oyster Company, LLC - Richard Carraway

Date: 9/15/2021



Proposed Lease ID/Number: 21-054BL/21-055WC
Carraway Oyster Company, LLC - Richard Carraway

Date: 9/15/2021



Proposed Lease ID/Number: 21-054BL/21-055WC
Carraway Oyster Company, LLC - Richard Carraway

Date: 9/15/2021



