

Shellfish Lease Investigation Report	
Investigation Date	9/14/2021
Applicants name	Kinnakeet Oyster Company, LLC - Martin C. Hayes
Lease Number	21-052BL/21-053WC
County	Dare
Water body/location	Off Avon Harbor
Proposed Lease Size (acres)	5.59
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)	0.75
Tidal Stage	High
Water Temperature (°C)	25.5
Salinity (ppt)	19.6
Dissolved Oxygen (mg/L)	3.17
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 Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Actual Coordinates	
35.37861000	-75.50556000	35.37693817	-75.50560000
35.37861000	-75.50417000	35.37852850	-75.50556917
35.37694000	-75.50389000	35.37858633	-75.50418633
35.37694000	-75.50556000	35.37699583	-75.50416183

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Kinnakeet Oyster Company,
LLC - Martin C. Hayes

Proposed Lease #: 21-052BL/21-053WC

Date: 9/14/2021

Lease size: 5.59 acres

of Samples: 143

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	9/14/2021	NA	O - no grass	1 - hard sand
2	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
3	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
4	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
5	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
6	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
7	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
8	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
9	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
10	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
11	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
12	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
13	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
14	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
15	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
16	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
17	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
18	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
19	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
20	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
21	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
22	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
23	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
24	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
25	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
26	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
27	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
28	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
29	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
30	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
31	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
32	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
33	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
34	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
35	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
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46	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
47	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
48	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
49	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
50	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
51	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand

Proposed Shellfish Lease Biological Investigation Sampling Data

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LLC - Martin C. Hayes

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Date: 9/14/2021

Lease size: 5.59 acres

of Samples: 143

Sample #	Presence of SAV/Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
52	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
53	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
54	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
55	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
56	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
57	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
58	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
59	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
60	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
61	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
62	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
63	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
64	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
65	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
66	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
67	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
68	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
69	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
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71	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
72	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
73	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
74	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
75	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
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77	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
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79	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
80	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
81	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
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83	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
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85	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
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97	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
98	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
99	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
100	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
101	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
102	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand

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LLC - Martin C. Hayes

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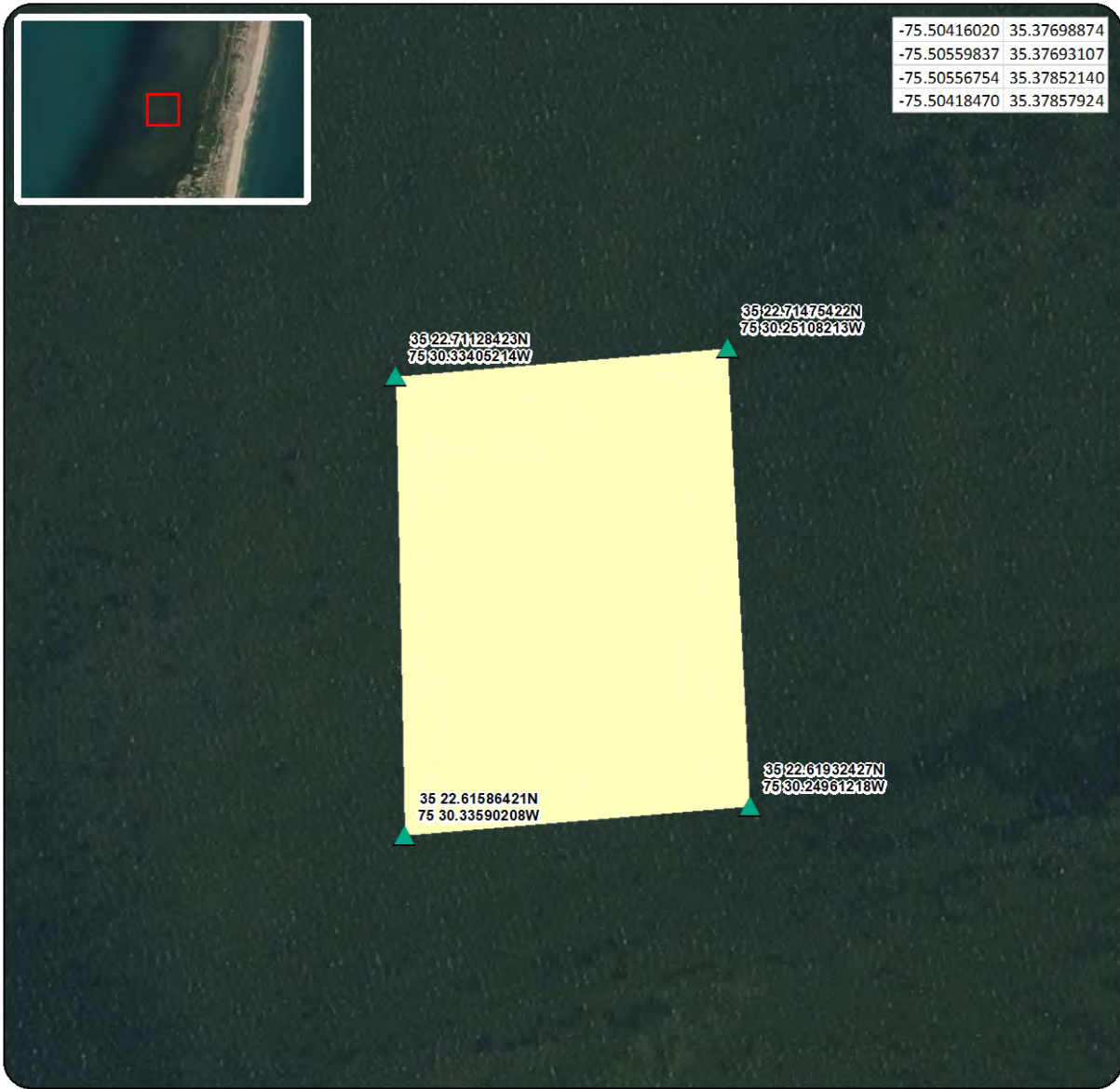
Lease size: 5.59 acres

of Samples: 143

Sample #	Presence of SAV/Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
103	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
104	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
105	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
106	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
107	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
108	1	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
109	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
110	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
111	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
112	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
113	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
114	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
115	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
116	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
117	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
118	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
119	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
120	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
121	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
122	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
123	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
124	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
125	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
126	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
127	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
128	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
129	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
130	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
131	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
132	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
133	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
134	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
135	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
136	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
137	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
138	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
139	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
140	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
141	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
142	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
143	0	0	0	0	9/14/2021	NA	O - no grass	1 - hard sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	1				1%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	0	0				
AL BUSHELS PER SPECIES		0	0	0	0	TOTAL BUSHELS OF SHELLFISH PER AC		

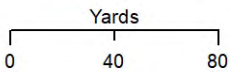
Proposed Lease ID/Number: 21-052BL/21-053WC
 Kinnakeet Oyster Company, LLC - Martin C. Hayes

Date: 9/15/2021

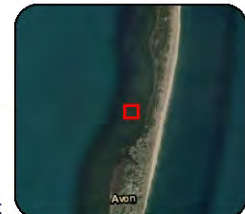


- ▲ Proposed Corner Points
- Proposed Lease Area

Acreage: 5.59




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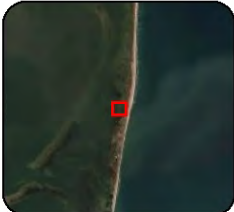
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 Proposed Lease Area

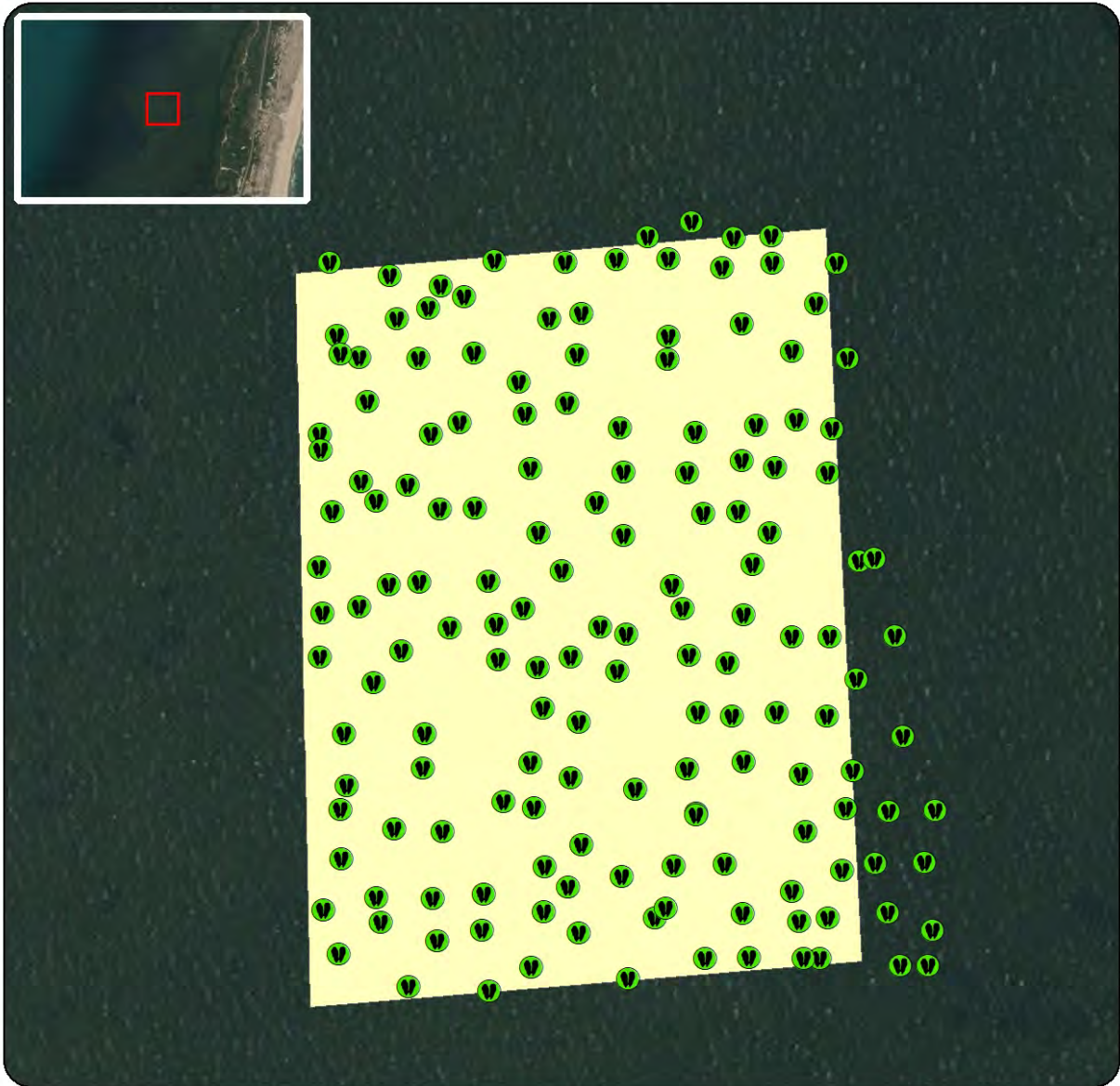
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- No Bivalve Shellfish Present
- Proposed Lease Area

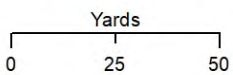
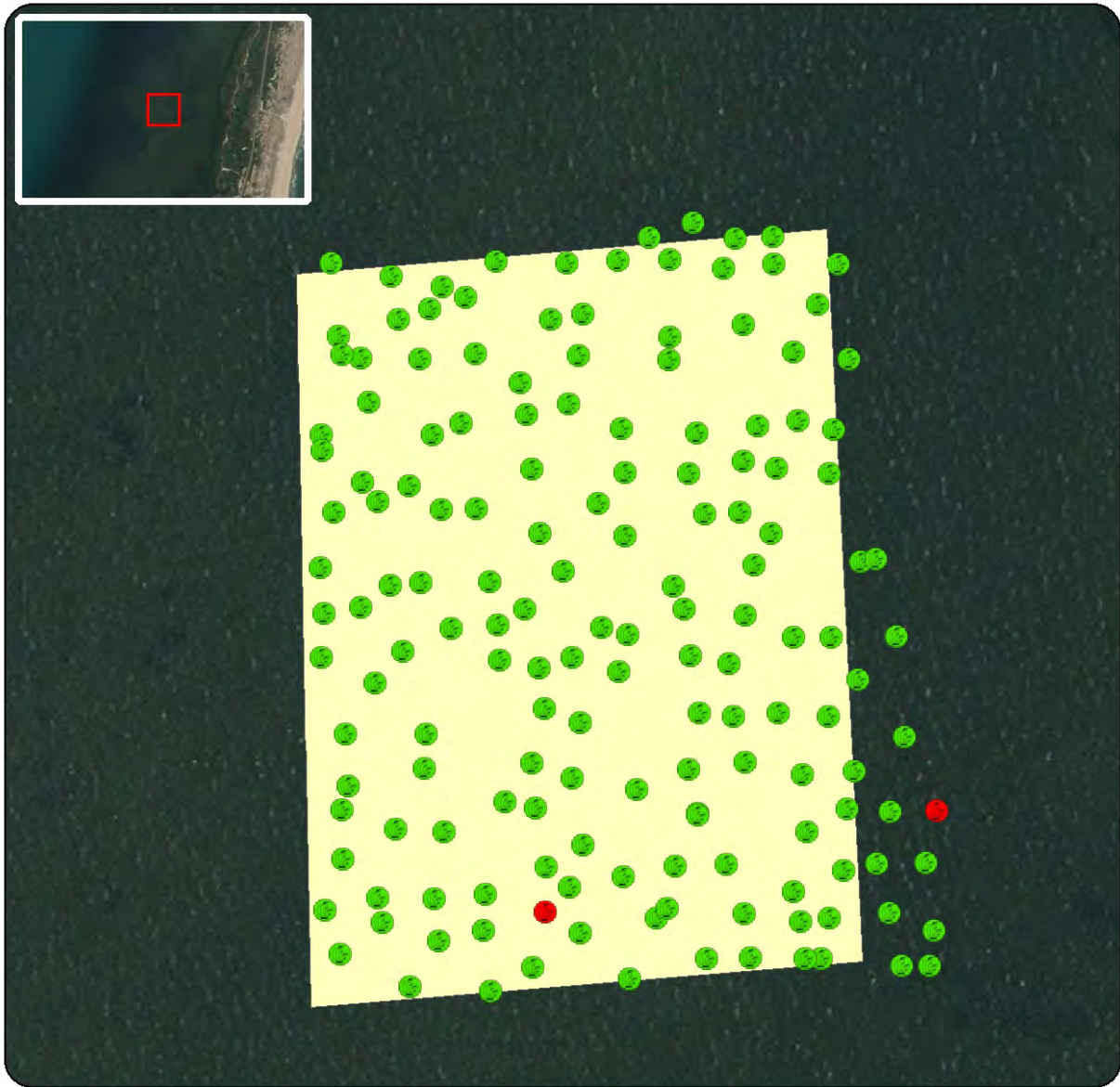
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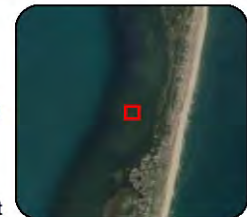
Date: 9/15/2021



- No SAV Present
- SAV Present
- Proposed Lease Area

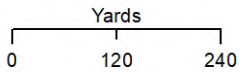
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- Submerged Aquatic Vegetation
- Proposed Lease Area

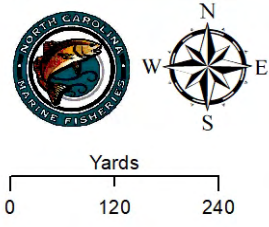
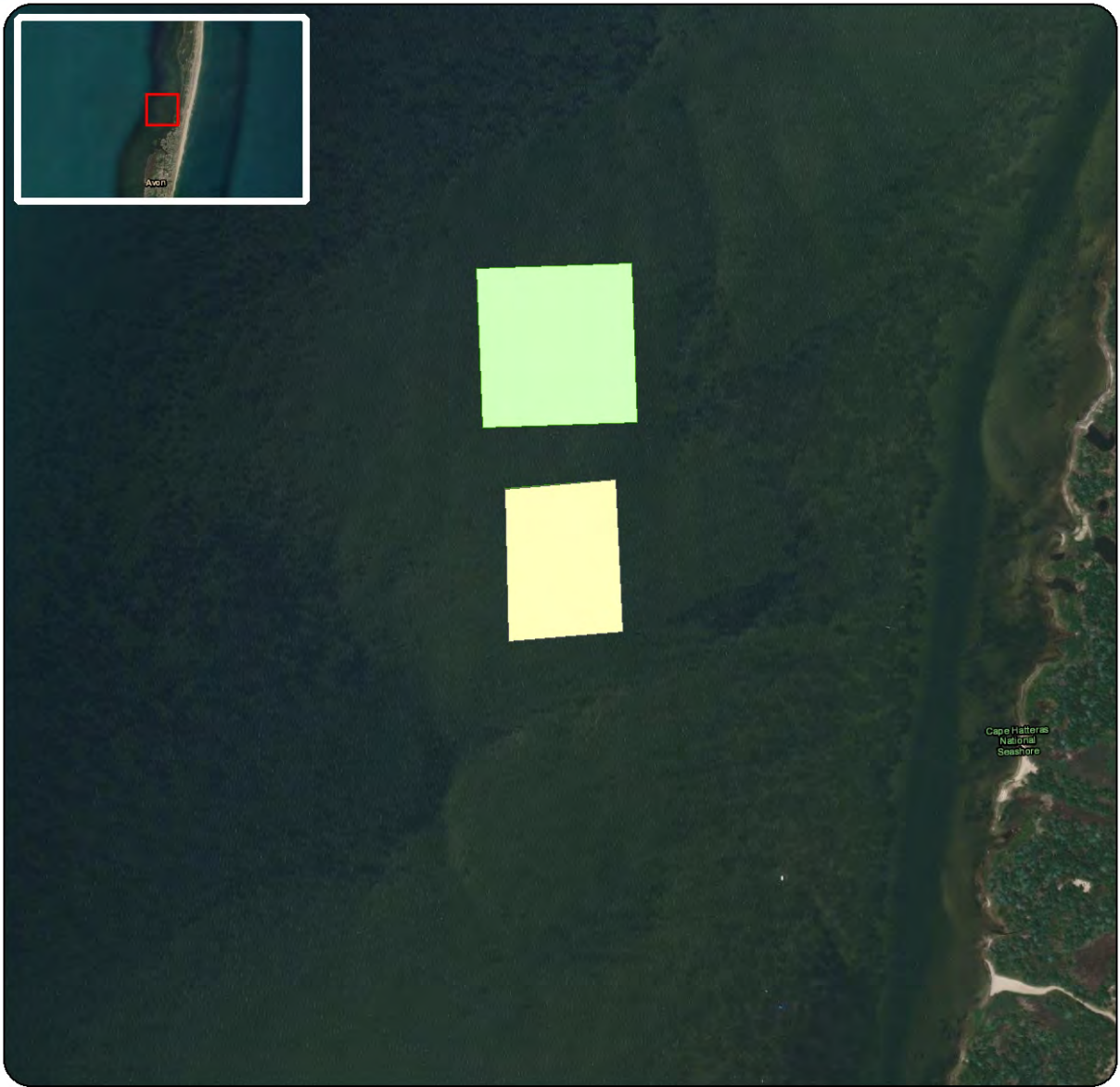
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Proposed Lease Area

Lease Type

Other Proposed - Water Column

Other Proposed - Bottom

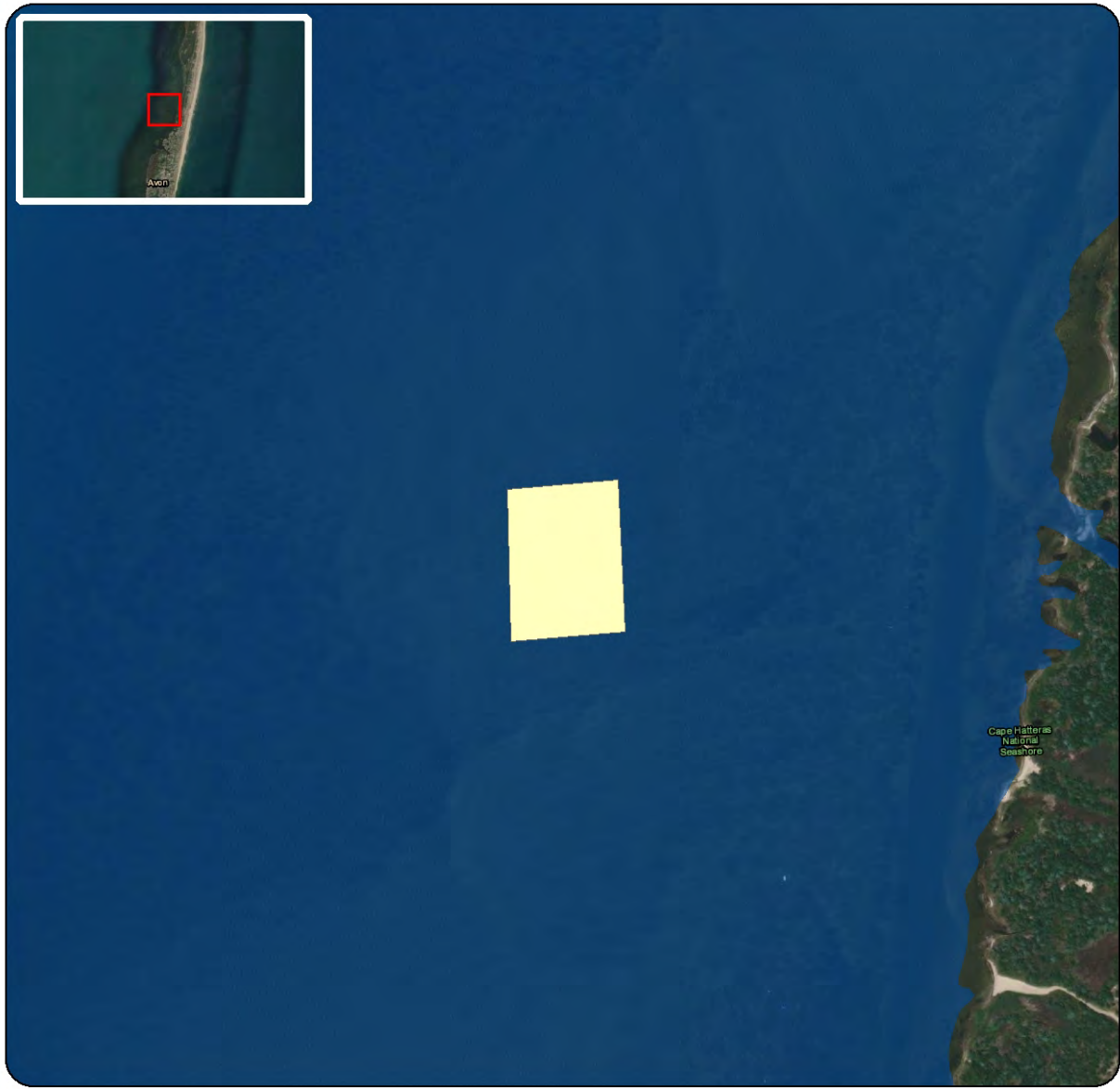
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

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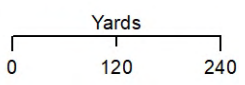
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 Proposed Lease Area
 Approved

Acreage: 5.59



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