

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	9/12/2023
<b>Applicants name</b>	Smith Oyster Company, LLC - Robert Smith Jr
<b>Lease Number</b>	23-044BL/23-045WC
<b>County</b>	Dare
<b>Waterbody/location</b>	Davis Channel
<b>Proposed Lease Size (acres)</b>	6.11
<b>Lease Type</b>	Bottom/Water Column
<b>Investigation Team</b>	S. Tripp; A. Frost; G. Stilson
<b>Gear Used</b>	766 - Patent Tong
<b>Sediment Type</b>	1 - Hard sand
<b>Bottom Composition</b>	O - no grass
<b>Depth (m)</b>	2.75
<b>Tidal Stage</b>	Y - Flood (high)
<b>Water Temperature (°C)</b>	27.8
<b>Salinity (ppt)</b>	26.1
<b>Dissolved Oxygen (mg/L)</b>	6.9
<b>Comments on SAV in or around Proposed Lease location</b>	
<b>Other Species Collected</b>	None
<b>In PNA?</b>	No
<b>In Polluted Area?</b>	No: Approved
<b>In Mechanical Clam Harvest Area?</b>	No
<b>In Oyster Mechanical Methods Prohibited Area</b>	No
<b>Other Comments</b>	

Application Coordinates		Modified Coordinates		Actual Coordinates	
35.751617	-75.556533	35.751573	-75.556835	35.750905	-75.558901
35.734983	-75.557767	35.750526	-75.556473	35.749900	-75.558598
35.750200	-75.563483	35.749958	-75.558436	35.750346	-75.556576
35.750833	-75.559400	35.750988	-75.558814	35.751603	-75.556868

## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: ih Oyster Company, LLC - Robert Smi

Proposed Lease #: 23-044BL/23-045WC

Date: 9/12/2023

Lease size: 6.11 acres # of Samples: 157

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	9/12/2023	NA	O - no grass	1 - Hard sand
2	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
3	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
4	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
5	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
6	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
7	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
8	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
9	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
10	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
11	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
12	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
13	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
14	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
15	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
16	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
17	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
18	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
19	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
20	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
21	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
22	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
23	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
24	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
25	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
26	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
27	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
28	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
29	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
30	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
31	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
32	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
33	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
34	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
35	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
36	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
37	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
38	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
39	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
40	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
41	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
42	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
43	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
44	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
45	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
46	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
47	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
48	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
49	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
50	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
51	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
52	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
53	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
54	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
55	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
56	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
57	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand

## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: ih Oyster Company, LLC - Robert Smi

Proposed Lease #: 23-044BL/23-045WC

Date: 9/12/2023

Lease size: 6.11 acres # of Samples: 157

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
58	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
59	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
60	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
61	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
62	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
63	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
64	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
65	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
66	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
67	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
68	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
69	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
70	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
71	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
72	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
73	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
74	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
75	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
76	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
77	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
78	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
79	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
80	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
81	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
82	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
83	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
84	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
85	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
86	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
87	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
88	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
89	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
90	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
91	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
92	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
93	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
94	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
95	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
96	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
97	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
98	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
99	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
100	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
101	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
102	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
103	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
104	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
105	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
106	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
107	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
108	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
109	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
110	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
111	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
112	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
113	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
114	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand

## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: ih Oyster Company, LLC - Robert Smi

Proposed Lease #: 23-044BL/23-045WC

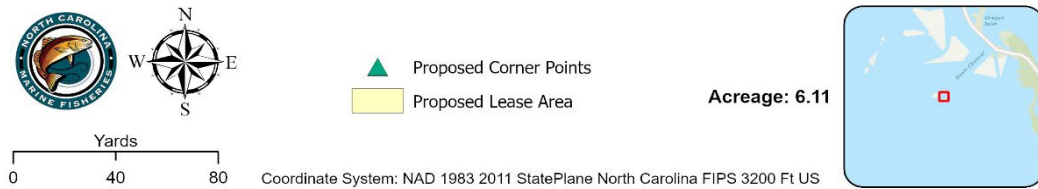
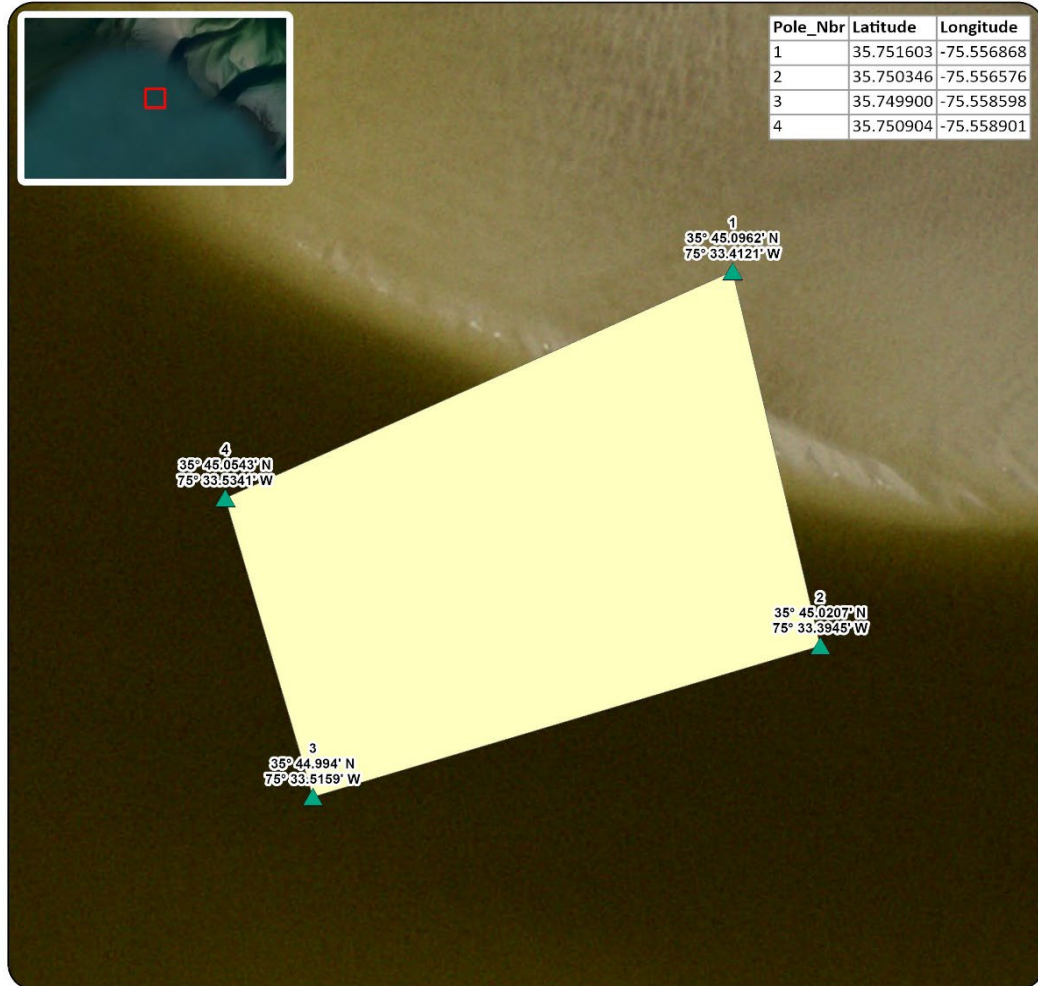
Date: 9/12/2023

Lease size: 6.11 acres # of Samples: 157

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
115	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
116	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
117	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
118	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
119	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
120	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
121	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
122	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
123	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
124	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
125	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
126	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
127	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
128	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
129	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
130	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
131	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
132	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
133	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
134	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
135	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
136	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
137	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
138	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
139	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
140	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
141	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
142	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
143	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
144	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
145	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
146	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
147	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
148	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
149	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
150	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
151	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
152	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
153	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
154	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
155	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
156	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
157	0	0	0	0	9/12/2023	NA	O - no grass	1 - Hard sand
	<b>SAV</b>	<b>Oysters (Eastern Oyster)</b>	<b>Clams (Quahogs)</b>	<b>Scallops</b>				
	0				0%	OF SAMPLES CONTAINED SAV		
<b>TOTAL OF EACH SPECIES</b>		0	0	0				
<b>TOTAL BUSHELS PER SPECIES</b>		0	0	0	0.00	<b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b>		

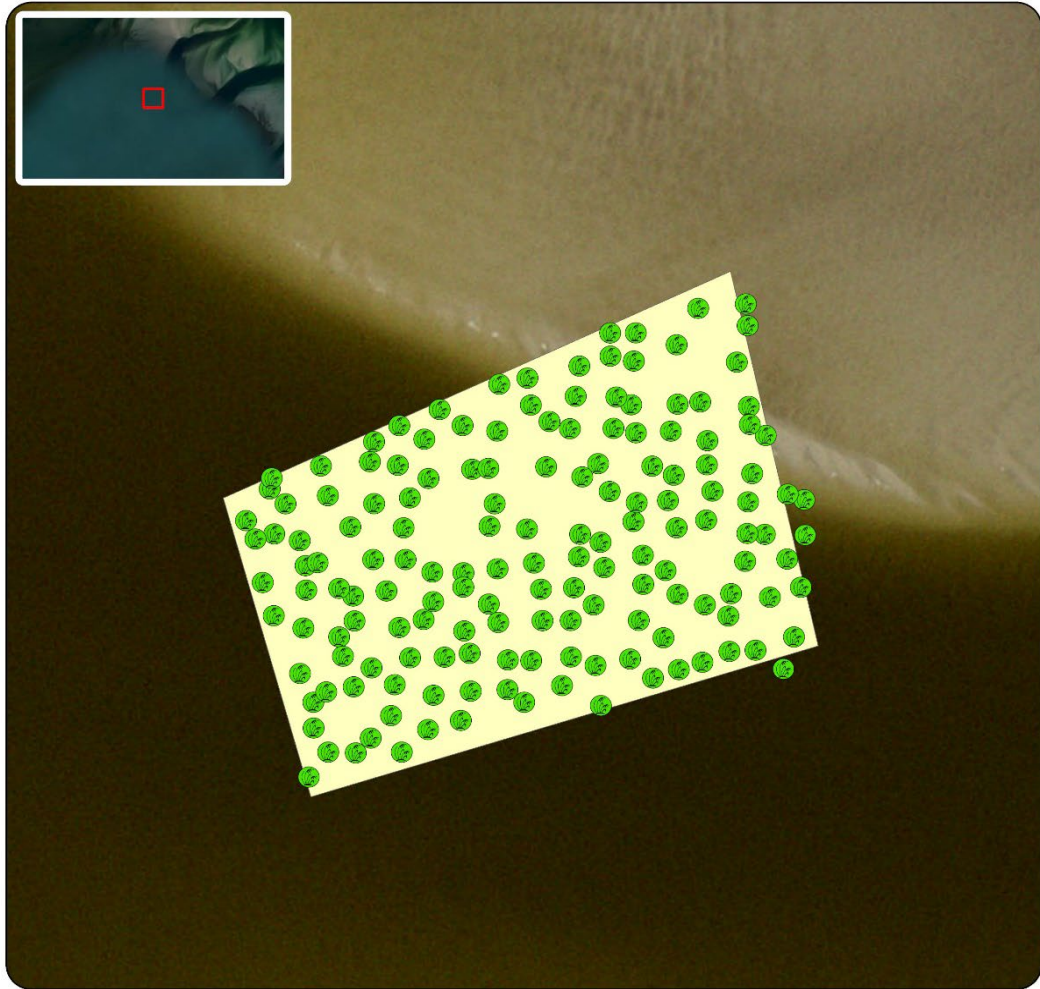
Lease ID/Number: 23-044BL/23-045WC  
 Smith Oyster Company, LLC - Robert Smith Jr

Date: 9/18/2023





Lease ID/Number: 23-044BL/23-045WC  
Smith Oyster Company, LLC - Robert Smith Jr

Date: 9/18/2023



SAV Present

-  No
-  Proposed Lease Area

Acreage: 6.11

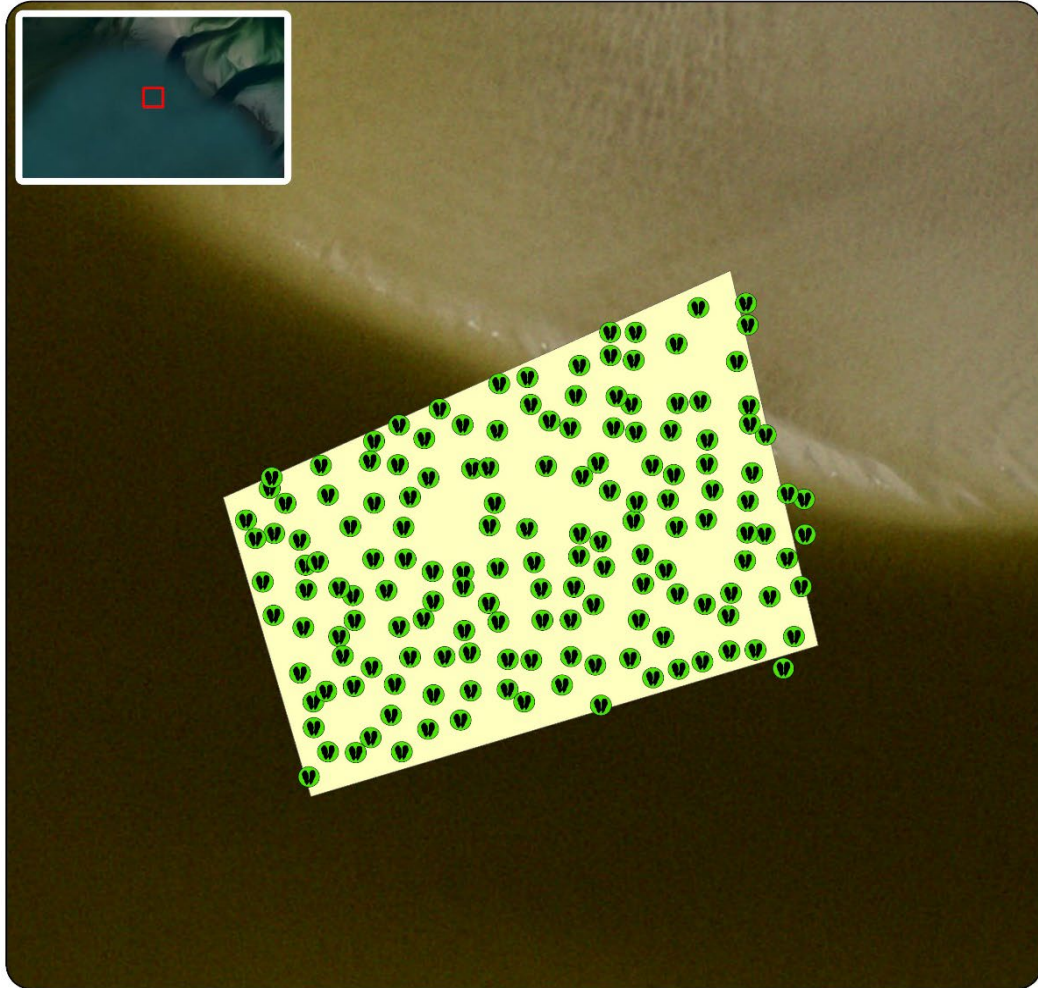
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US





Lease ID/Number: 23-044BL/23-045WC  
Smith Oyster Company, LLC - Robert Smith Jr

Date: 9/18/2023



Shellfish Present

- No
- Proposed Lease Area

Acreage: 6.11

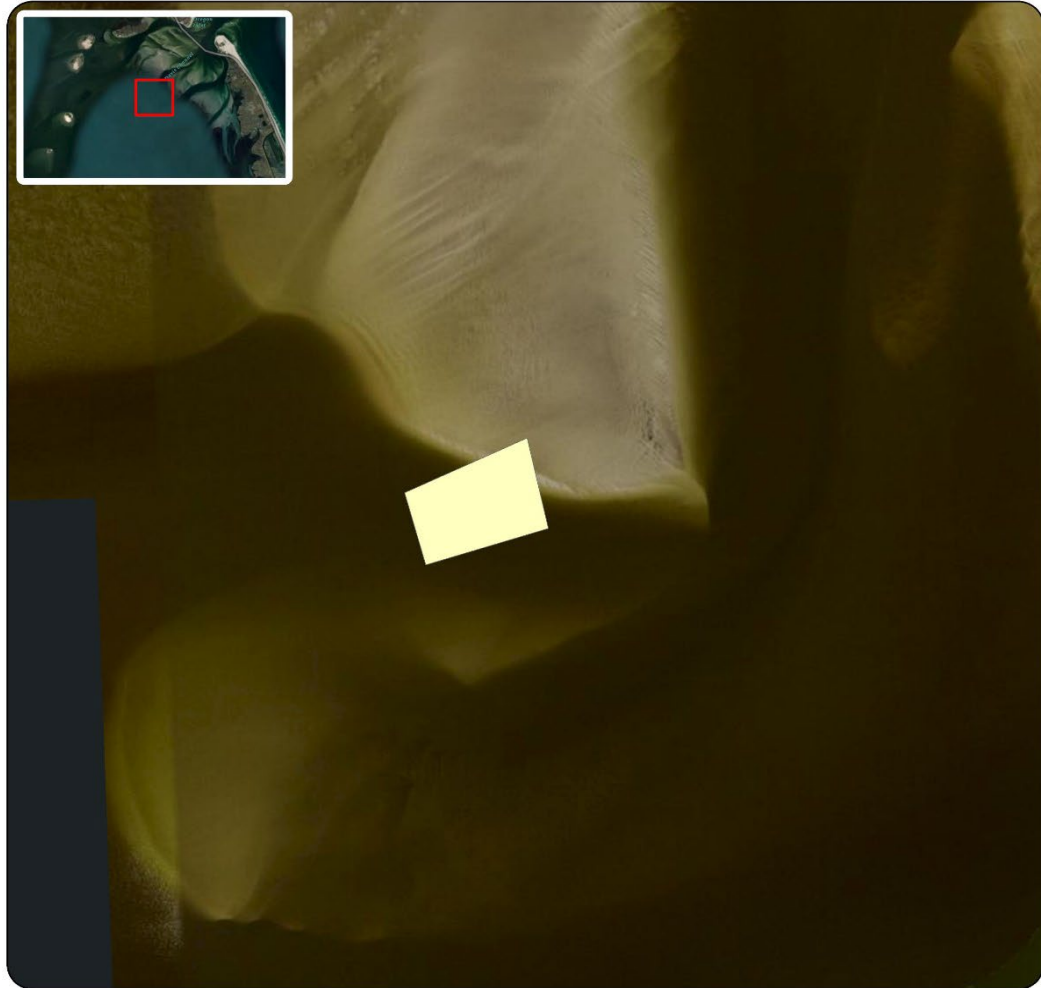
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US






Lease ID/Number: 23-044BL/23-045WC  
Smith Oyster Company, LLC - Robert Smith Jr

Date: 9/18/2023



 Proposed Lease Area

**Acreage: 6.11**

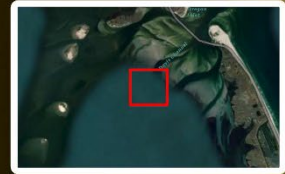
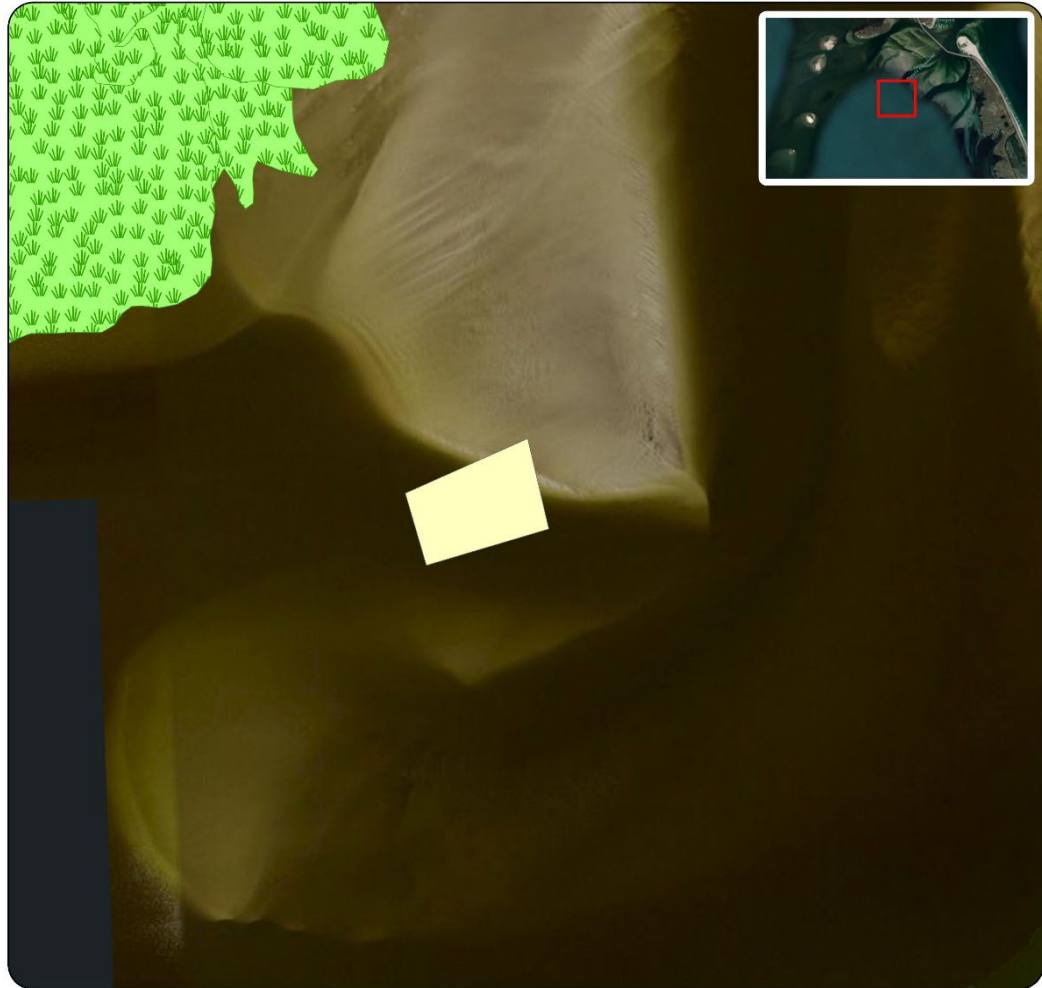




Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Lease ID/Number: 23-044BL/23-045WC  
Smith Oyster Company, LLC - Robert Smith Jr

Date: 9/18/2023



-  Submerged Aquatic Vegetation
-  Proposed Lease Area

**Acreage: 6.11**

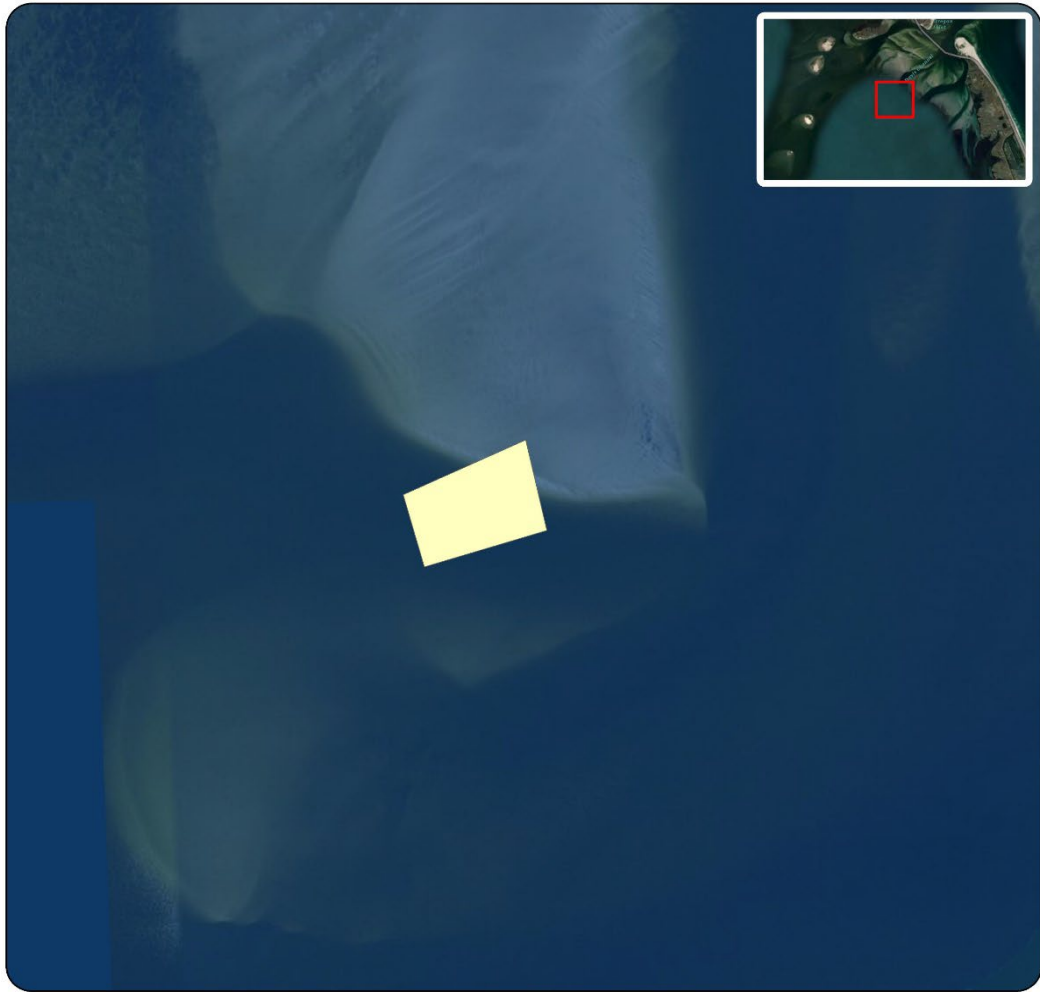


Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Lease ID/Number: 23-044BL/23-045WC  
Smith Oyster Company, LLC - Robert Smith Jr

Date: 9/18/2023



Shellfish Growing Area Classification

- Approved
- Proposed Lease Area

Acreage: 6.11

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













