1 of 14

Shellfish Lease Investigation Report						
Investigation Date	6/9/2021					
	South Cape Oyster Company, LLC - Paul B					
Applicants name	Harrison, Jr.					
Lease Number	21-031BL/21-032WC					
County	Carteret					
Waterbody/location	Newport River					
Proposed Lease Size (acres)	5.01					
Lease Type	Bottom/Water Column					
Investigation Team	A. Frost/ D. Walters					
Gear Used	766 - Patent Tong					
Sediment Type	8 - sand (sand in hard and firm strata)					
Bottom Composition	O - no grass					
Depth (m)	1.25					
Tidal Stage	High					
Water Temperature (°C)	26.6					
Salinity (ppt)	28.9					
Dissolved Oxygen (mg/L)	3.7					
Comments on SAV in or around Proposed Lease location Other Species Collected						
In PNA?	No					
In Polluted Area?	No - Conditionally Approved (Open)					
In Mechanical Clam Harvest	, pp. 22 (2p. 7					
Area?	Yes					
In Mechanical Methods						
Prohibited Area	Yes					
Other Comments	Revisited/verified pole locations on 8/5/2021					

Application (Coordinates	Actual Coordinates			
34.75492000	-76.70300000	34.75493883	-76.70300950		
34.75345400	-76.70189100	34.75292067	-76.70277700		
34.75292500	-76.70277100	34.75444817	-76.70397317		
34.75443200	-76.70395100	34.75344383	-76.70187867		

Coordinate Changes 2 of 14

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: South Cape Oyster Company, LLC - Paul B. Harrison, Jr. Proposed Lease #: 21-031BL/21-032WC Date: 6/9/2021

2	Lease size		acres		# of Samples:	122			
2	Sample #				# of Scallops	Date collected	Comments		Sediment Type
3	1	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
4	2	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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6	4	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
Fig. Color	5	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
8		0	0	0	0	6/9/2021	NA		8 - sand (sand in hard and firm strata)
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10	8	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
11	9	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
12		0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
13	11	0	0	0	0	6/9/2021	NA		8 - sand (sand in hard and firm strata)
14			0				NA		8 - sand (sand in hard and firm strata)
15									8 - sand (sand in hard and firm strata)
16									8 - sand (sand in hard and firm strata)
177									8 - sand (sand in hard and firm strata)
18				†					8 - sand (sand in hard and firm strata)
19									8 - sand (sand in hard and firm strata)
20								O - no grass	8 - sand (sand in hard and firm strata)
241	19	0	0	0	0	6/9/2021	NA		8 - sand (sand in hard and firm strata)
22									8 - sand (sand in hard and firm strata)
23									8 - sand (sand in hard and firm strata)
24									8 - sand (sand in hard and firm strata)
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26				†					8 - sand (sand in hard and firm strata)
277									8 - sand (sand in hard and firm strata)
22									8 - sand (sand in hard and firm strata)
29	27	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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	79	0	0	<u> </u>	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)

Sample Data 3 of 14

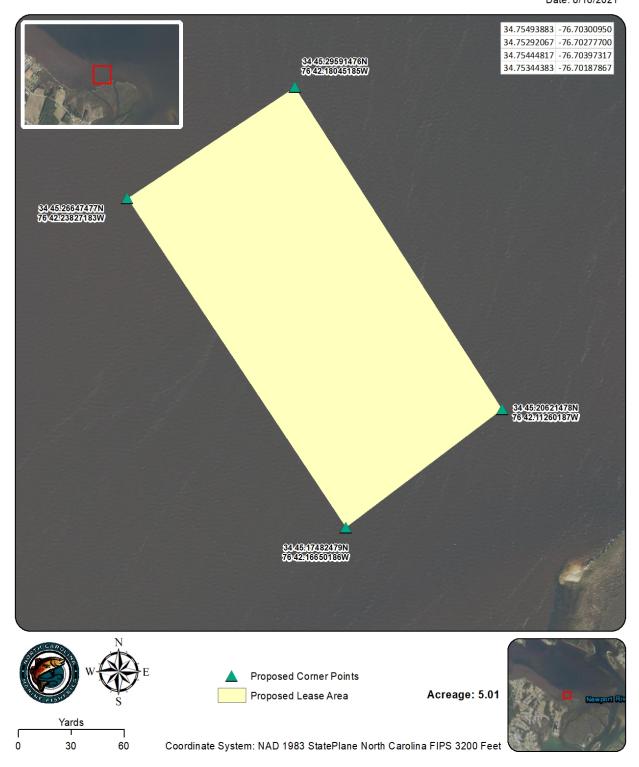
Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: South Cape Oyster Company, LLC - Paul B. Harrison, Jr.

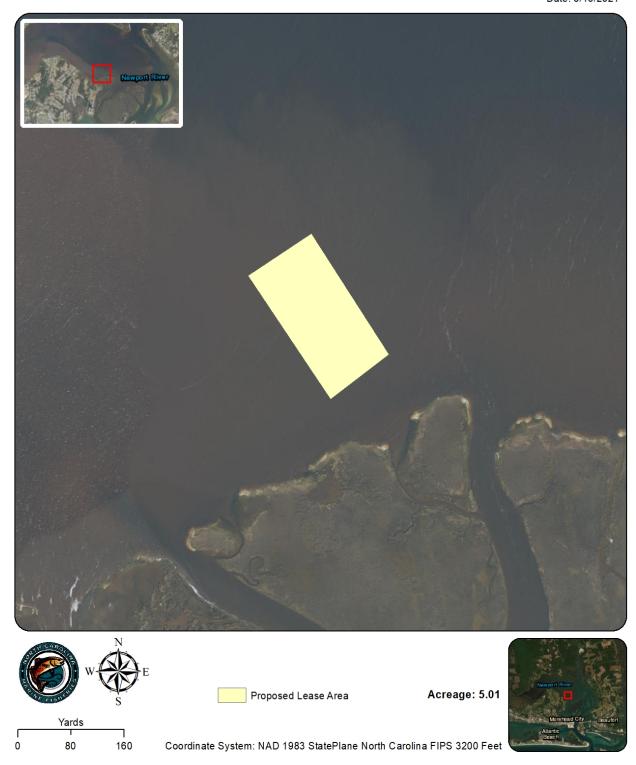
Lease size: 5.01 acres # of Samples: 122

Lease size:	5.01	acres	# of Samples: 122					
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	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
81	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
82	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
83	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
84	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
85	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
86	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
87	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
88	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
89	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
90	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
91	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
92	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
93	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
94	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
95	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
96	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
97	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
98	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
99	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
100	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
101	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
102	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
103	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
104	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
105	0	0	1	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
106	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
107	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
108	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
109	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
110	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
111	1	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
112	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
113	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
114	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
115	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
116	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
117	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
118	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
119	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
120	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
121	0	0	0	0	6/9/2021	NA NA	O - no grass	8 - sand (sand in hard and firm strata)
122	0	0	0	0	6/9/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
	Ü	Ü	Ü	Ü	0,0,1011	107	o no grass	o sana (sana iii nara ana iiiii salata)
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	1				1%	OF SAMPLE	S CONTAINE	O SAV
TOTAL	TOTAL OF EACH SPECIES 0							
TOTAL BUSH	IELS PER SPECIES	0	0.0025	0	0.082930328	TOTAL BUS	HELS OF SHEL	LFISH PER ACRE

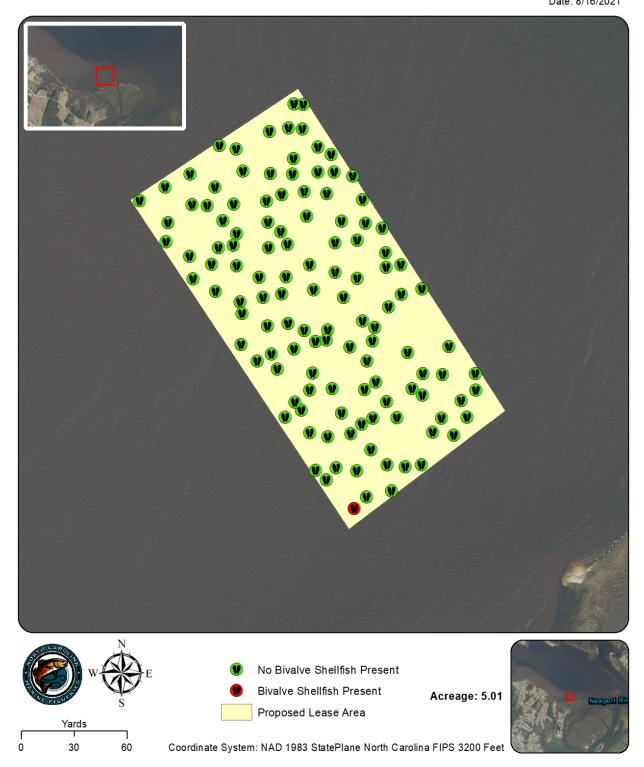
Sample Data 4 of 14



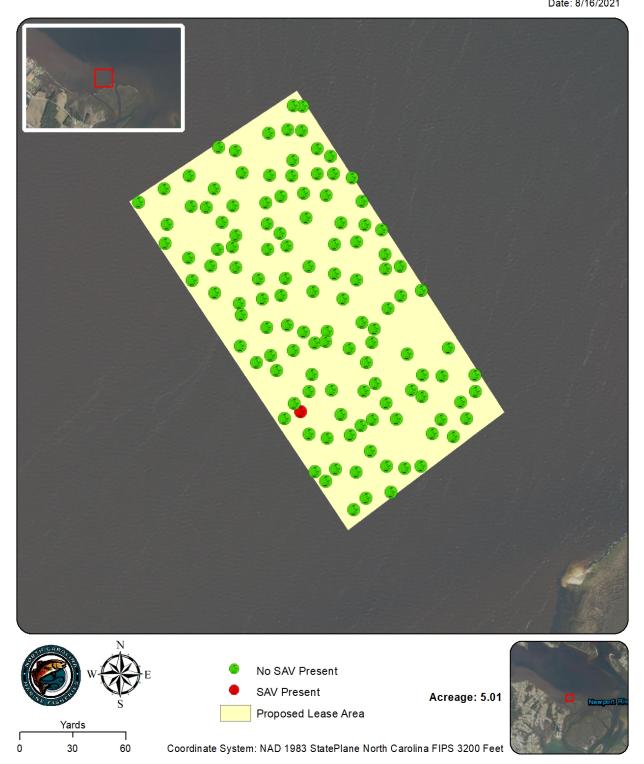
Lease Investigation Map 5 of 14



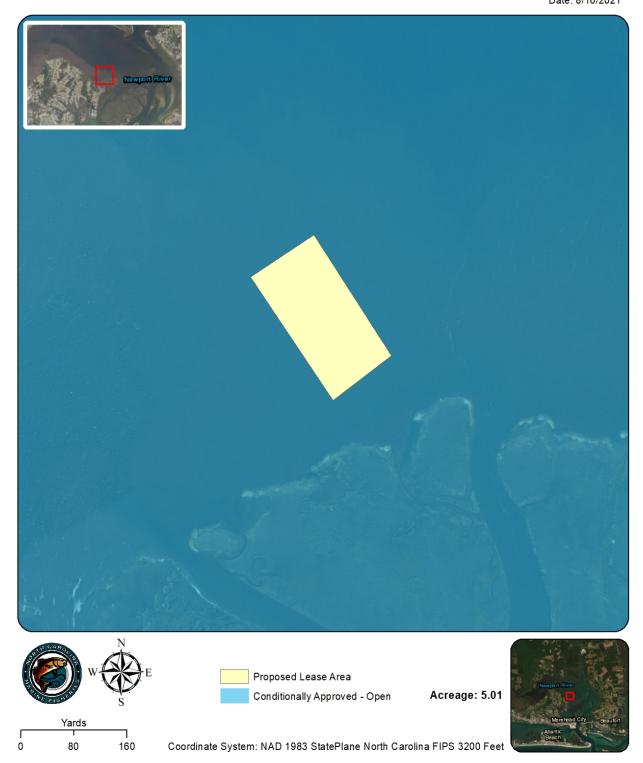
Lease Investigation Map 6 of 14



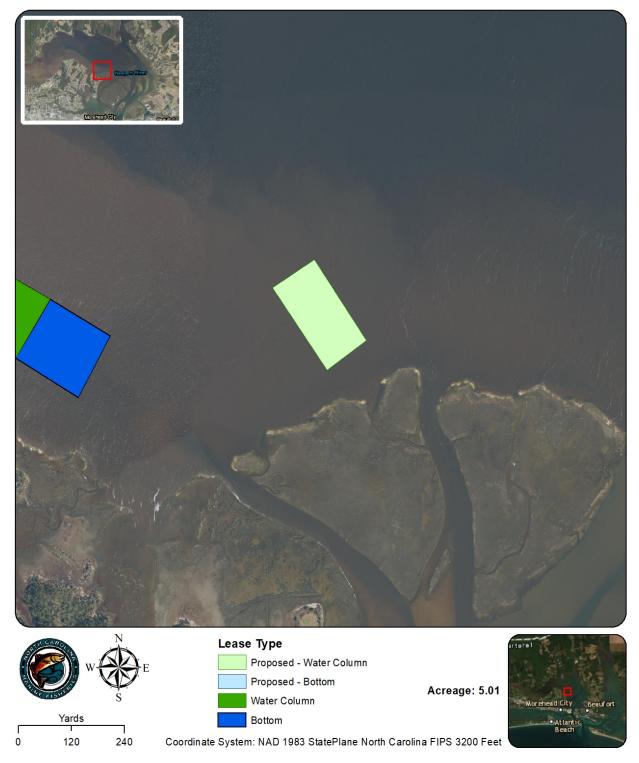
Lease Investigation Map 7 of 14



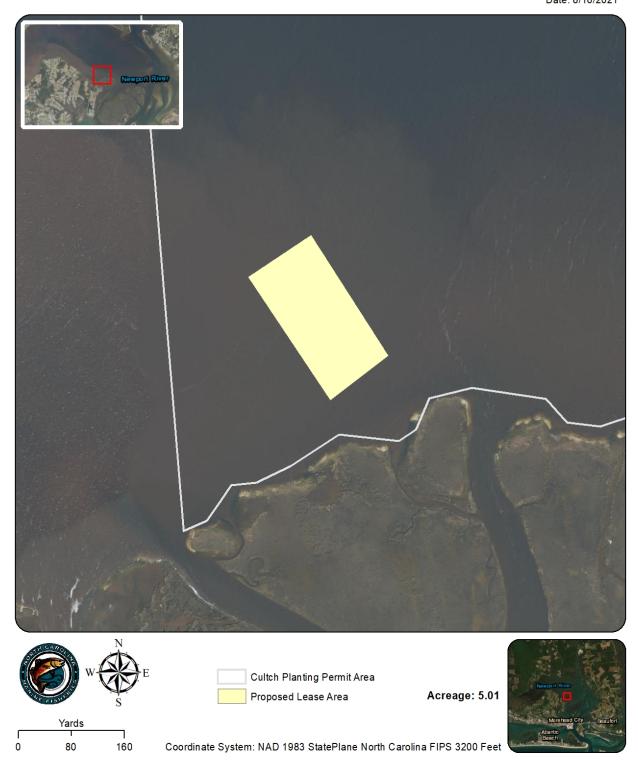
Lease Investigation Map 8 of 14



Lease Investigation Map 9 of 14



Lease Investigation Map 10 of 14



Lease Investigation Map 11 of 14

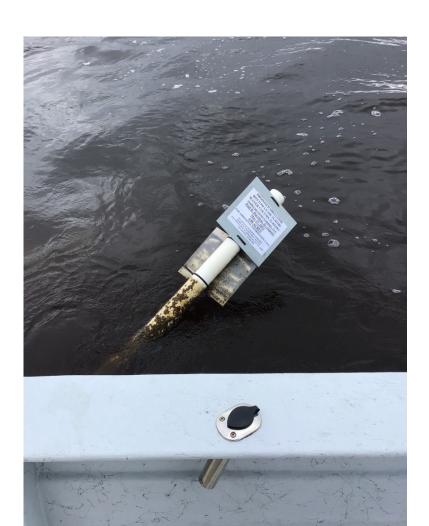




Lease Investigation Photos 12 of 14



Lease Investigation Photos 13 of 14







Lease Investigation Photos 14 of 14