Shellfish Lease Investigation Report						
Investigation Date	8/11/2021					
	South Cape Oyster Company, LLC -					
Applicants name	Paul Harrison, Jr.					
Lease Number	21-047BL					
County	Carteret					
Waterbody/location	Lower North River					
Proposed Lease Size (acres)	3.29					
Lease Type	Bottom					
Investigation Team	D. Walters/A. Wells/S. Tripp					
Gear Used	766 - Patent Tong					
Sediment Type	8 - sand (sand in hard and firm strata)					
Bottom Composition	O - no grass					
Depth (m)	0.5					
Tidal Stage	Rising					
Water Temperature (°C)	29.3					
Salinity (ppt)	29.4					
Dissolved Oxygen (mg/L)	3.63					
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	No. Conditionally Approved - Open					
Area?	No					
In Mechanical Methods						
Prohibited Area	Yes					
Other Comments						

Application Coordinates		Modified (Coordinates	Actual Coordinates		
34.72880600	-76.61557300	34.72883377	-76.61567607	34.72880317	-76.61567000	
34.72774800	-76.61589400	34.72777577	-76.61599707	34.72775350	-76.61595700	
34.72806500	-76.61711700	34.72809277	-76.61722007	34.72807200	-76.61722367	
34.72900000	-76.61677400	34.72902777	-76.61687707	34.72901283	-76.61686283	

Coordinate Changes 2 of 12

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: South Cape Oyster Company, LLC Proposed Lease #: 21-047BL Date: 8/11/2021

- Paul Harrison, Jr. Lease size: 3.29 acres # of Samples: 81 # of Presence of SAV **Bottom** # of Oysters Sample # # of Scallops | Date collected | Comments Sediment Type **Clams Density class** (Eastern Oyster) Comp. (Quahogs) 8/11/2021 NA O - no grass 8 - sand (sand in hard and firm strata) 2 0 0 0 0 8/11/2021 NA O - no grass 8 - sand (sand in hard and firm strata) 3 0 0 0 8/11/2021 NA O - no grass 0 8 - sand (sand in hard and firm strata) 8/11/2021 0 8 - sand (sand in hard and firm strata) 4 0 0 0 O - no grass 5 0 8/11/2021 NA O - no grass 0 0 8 - sand (sand in hard and firm strata) 0 8/11/2021 6 0 0 0 0 NA O - no grass 8 - sand (sand in hard and firm strata) 7 0 0 0 0 8/11/2021 O - no grass 8 - sand (sand in hard and firm strata) 0 8/11/2021 NA O - no grass 8 0 0 0 8 - sand (sand in hard and firm strata) 9 0 8/11/2021 NA 0 0 0 O - no grass 8 - sand (sand in hard and firm strata) 10 0 0 0 0 8/11/2021 NA O - no grass 8 - sand (sand in hard and firm strata) 11 0 8/11/2021 NA 0 0 0 O - no grass 8 - sand (sand in hard and firm strata) 12 8/11/2021 0 0 0 0 O - no grass 8 - sand (sand in hard and firm strata) 13 0 0 0 0 8/11/2021 O - no grass 8 - sand (sand in hard and firm strata) O - no grass 14 0 0 0 0 8/11/2021 NA 8 - 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no grass 8 - sand (sand in hard and firm strata) 71 0 0 8/11/2021 0 0 O - no grass 8 - sand (sand in hard and firm strata) **72** 0 0 0 0 8/11/2021 NA 8 - sand (sand in hard and firm strata) O - no grass 73 0 0 0 0 8/11/2021 8 - sand (sand in hard and firm strata) O - no grass 74 0 0 0 8/11/2021 0 O - no grass 8 - sand (sand in hard and firm strata) 75 8/11/2021 0 0 0 NA O - no grass 8 - sand (sand in hard and firm strata) 76 8/11/2021 0 0 0 0 NA O - no grass 8 - sand (sand in hard and firm strata) 0 77 0 0 0 8/11/2021 NA O - no grass 8 - sand (sand in hard and firm strata) 78 0 0 0 0 8/11/2021 O - no grass 8 - sand (sand in hard and firm strata)

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8/11/2021

O - no grass 8 - sand (sand in hard and firm strata)

79

0

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Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: South Cape Oyster Company, LLC Proposed Lease #: 21-047BL Date: 8/11/2021 - Paul Harrison, Jr.

Lease size: 3.29 acres # of Samples: 81

Lease size.	3.29	acres		# or Samples.	91			
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	8/11/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
81	0	0	0	0	8/11/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	OF SAMPLES CONTAINED SAV		
TOTAL (OF EACH SPECIES	0	0	0				
FOTAL BUSH	IELS PER SPECIES	0	0	0	0 TOTAL BUSHELS OF SHELLFISH PER ACRE			

Sample Data 4 of 12

Proposed Lease ID/Number: 21-047BL South Cape Oyster Company, LLC - Paul Harrison, Jr.

Date: 8/19/2021



Lease Investigation Map 5 of 12

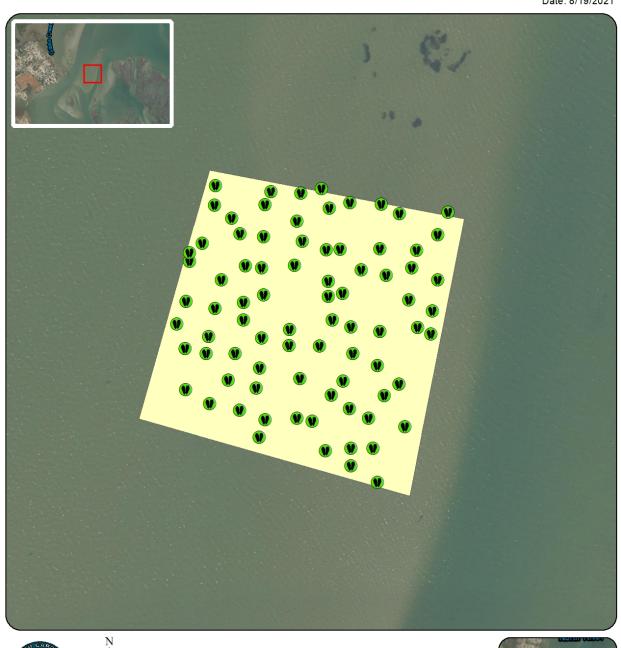
Proposed Lease ID/Number: 21-047BL South Cape Oyster Company, LLC - Paul Harrison, Jr.





Lease Investigation Map 6 of 12

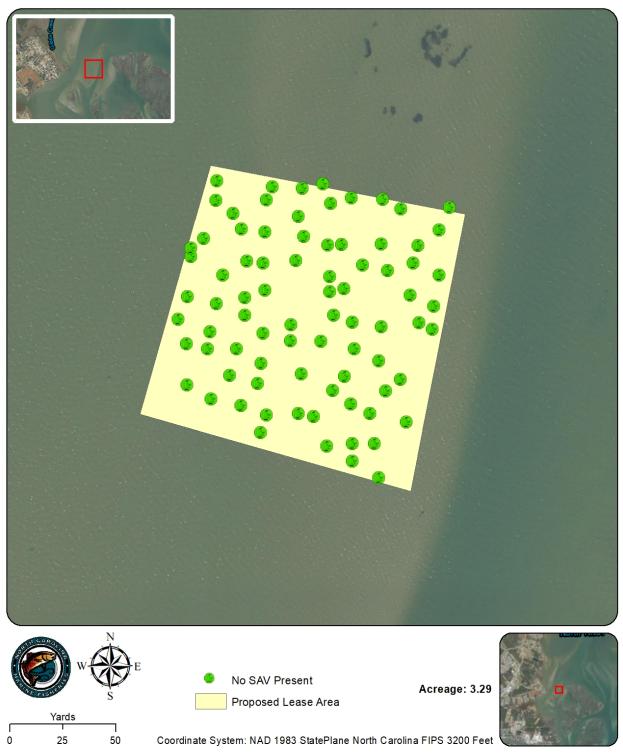
Proposed Lease ID/Number: 21-047BL South Cape Oyster Company, LLC - Paul Harrison, Jr.





Lease Investigation Map 7 of 12

Proposed Lease ID/Number: 21-047BL South Cape Oyster Company, LLC - Paul Harrison, Jr.



Lease Investigation Map 8 of 12

Proposed Lease ID/Number: 21-047BL South Cape Oyster Company, LLC - Paul Harrison, Jr.



Lease Investigation Map 9 of 12

Proposed Lease ID/Number: 21-047BL South Cape Oyster Company, LLC - Paul Harrison, Jr.

Lease Type Proposed - Bottom Acreage: 3.29 Water Column Bottom

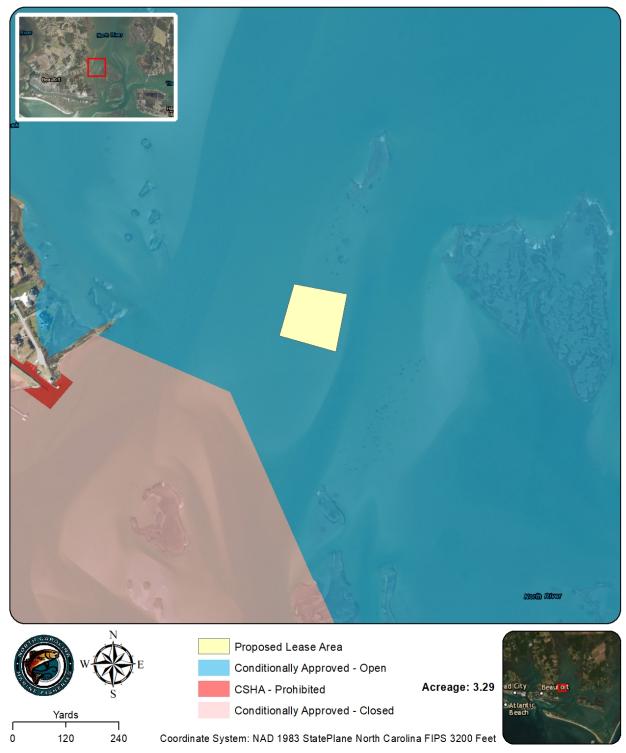
Lease Investigation Map 10 of 12

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet

162.5

325

Proposed Lease ID/Number: 21-047BL South Cape Oyster Company, LLC - Paul Harrison, Jr.



Lease Investigation Map 11 of 12









Lease Investigation Photos 12 of 12