

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

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



**Proposed Shellfish Lease Biological Investigation Sampling Data**

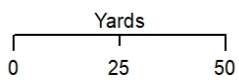
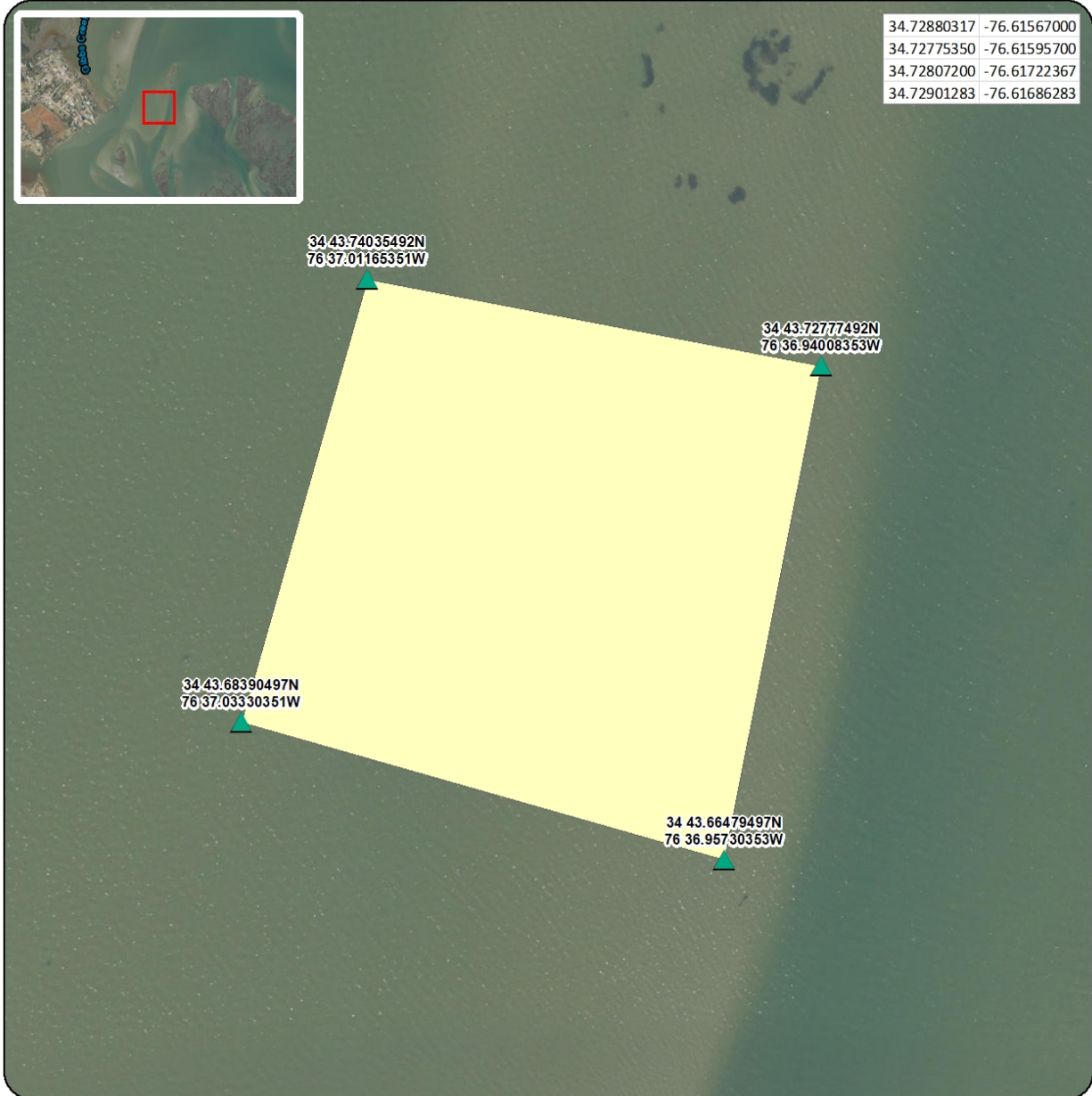
Applicant: South Cape Oyster Company, LLC    Proposed Lease #: 21-047BL    Date: 8/11/2021  
 - Paul Harrison, Jr.



Lease size: 3.29 acres    # of Samples: 81

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)
	<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	<b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b>		

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Date: 8/19/2021



-  Proposed Corner Points
-  Proposed Lease Area

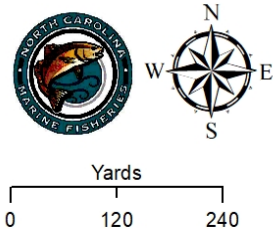
**Acreage: 3.29**


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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 Proposed Lease Area

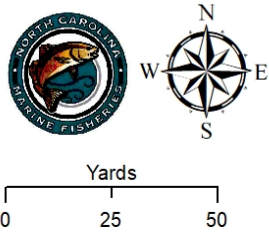
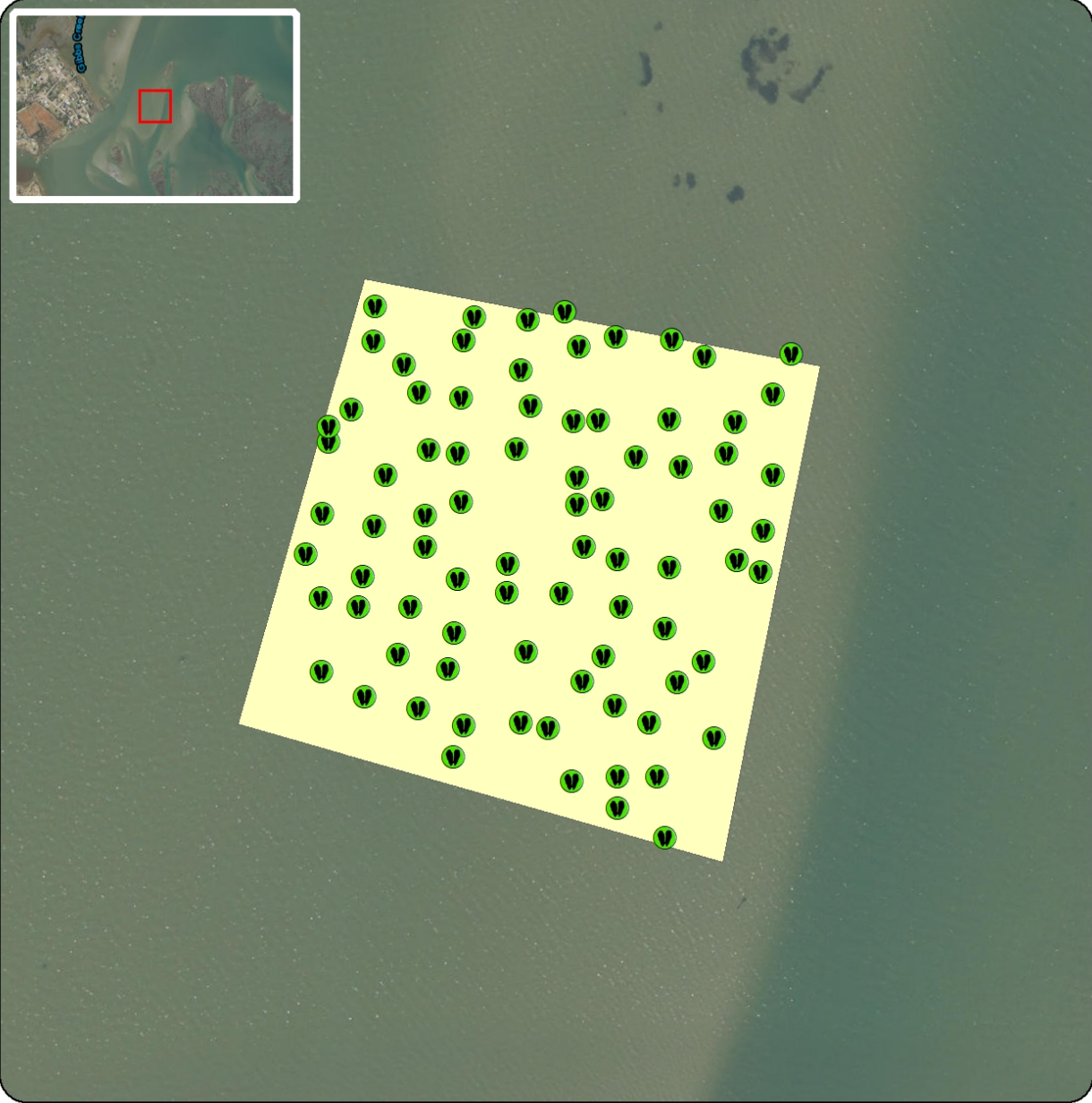
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- No Bivalve Shellfish Present
- Proposed Lease Area

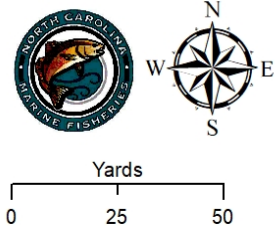
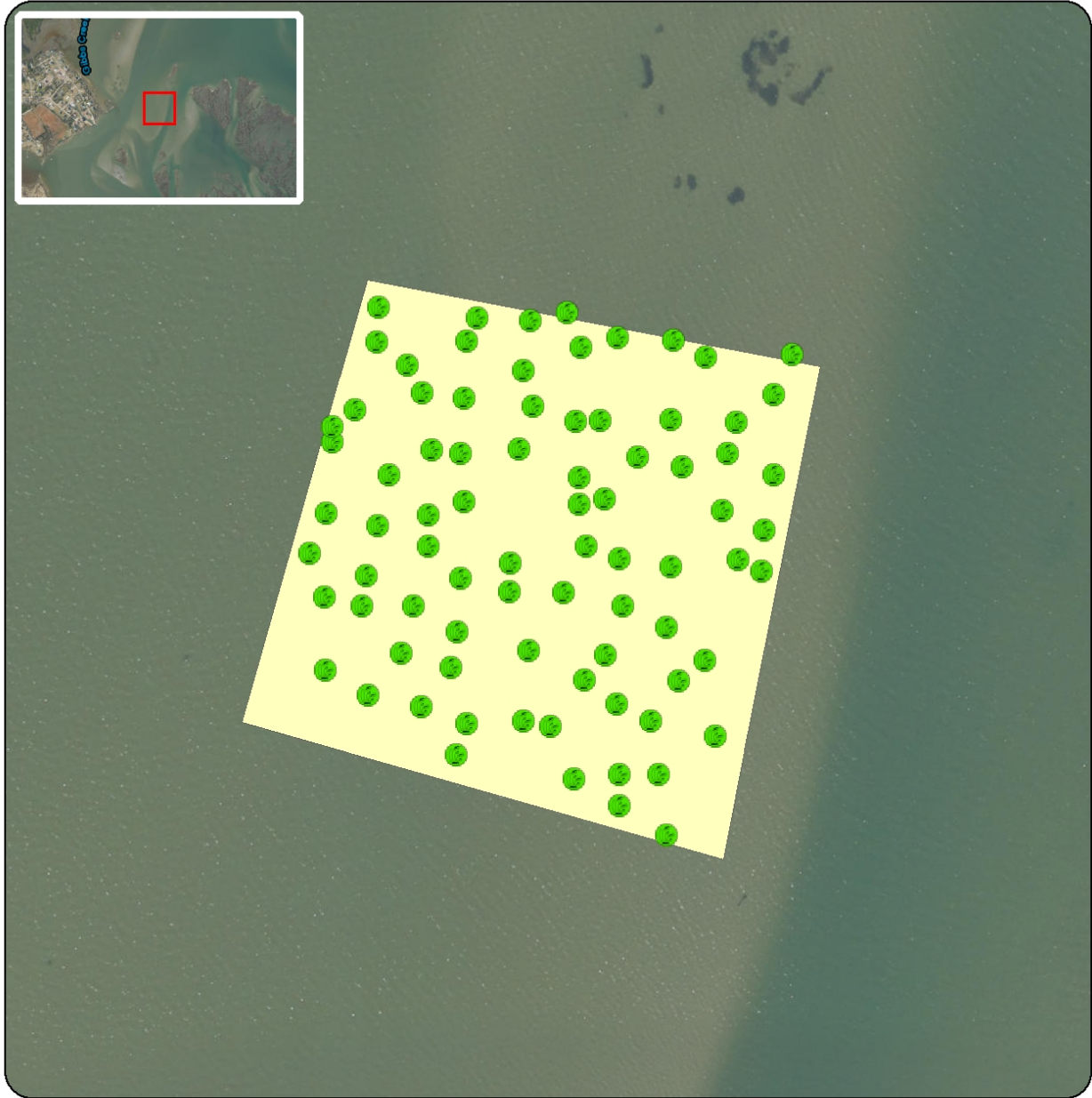
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Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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-  No SAV Present
-  Proposed Lease Area

**Acreage: 3.29**

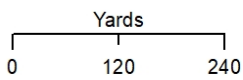
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- Submerged Aquatic Vegetation
- Proposed Lease Area

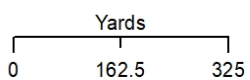
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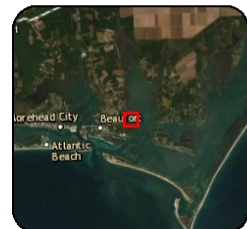


**Lease Type**

-  Proposed - Bottom
-  Water Column
-  Bottom

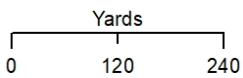
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- Proposed Lease Area
- Conditionally Approved - Open
- CSHA - Prohibited
- Conditionally Approved - Closed

**Acreage: 3.29**

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