

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	8/24/21 & 8/25/21
<b>Applicants name</b>	Sandbar Oyster Company, Inc. - Niels Lindquist
<b>Lease Number</b>	21-051BL
<b>County</b>	Carteret
<b>Waterbody/location</b>	North River below bridge
<b>Proposed Lease Size (acres)</b>	5.85
<b>Lease Type</b>	Bottom
<b>Investigation Team</b>	D. Walters/A. Frost/S. Tripp/A. Wells
<b>Gear Used</b>	766 - Patent Tong
<b>Sediment Type</b>	7 - sandy mud
<b>Bottom Composition</b>	O - no grass
<b>Depth (m)</b>	1.5
<b>Tidal Stage</b>	Rising
<b>Water Temperature (°C)</b>	29.2
<b>Salinity (ppt)</b>	20.2
<b>Dissolved Oxygen (mg/L)</b>	3.1
<b>Comments on SAV in or around Proposed Lease location</b>	
<b>Other Species Collected</b>	
<b>In PNA?</b>	Special Secondary Nursery Area
<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		Actual Coordinates	
34.77973800	-76.60914800	-76.60911122	34.77837457
34.77835500	-76.60914800	-76.61078406	34.77833657
34.77835500	-76.61080800	-76.61080572	34.77973190
34.77973800	-76.61080800	-76.60912956	34.77976157



**Proposed Shellfish Lease Biological Investigation Sampling Data**

Applicant: Sandbar Oyster Company, Inc. - Niels Lindquist      Proposed Lease #: 21-051BL      Date: 8/24/21 & 8/25/21  
 Lease size: 5.85 acres      # of Samples: 144



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	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
81	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
82	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
83	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
84	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
85	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
86	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
87	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
88	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
89	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
90	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
91	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
92	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
93	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
94	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
95	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
96	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
97	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
98	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
99	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
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139	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
140	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
141	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
142	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
143	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
144	0	0	0	0	8/24/21 & 8/25/21	NA	O - no grass	7 - sandy mud
	<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>		

# Proposed Lease ID/Number: 21-051BL Sandbar Oyster Company, Inc. - Niels Lindquist

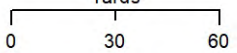
Date: 8/27/2021





-76.60911122	34.77837457
-76.61078406	34.77833657
-76.61080572	34.77973190
-76.60912956	34.77976157





Yards



 Proposed Corner Points  
 Proposed Lease Area

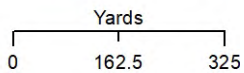
**Acreage: 5.85**




Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet

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Date: 8/27/2021



 Proposed Lease Area

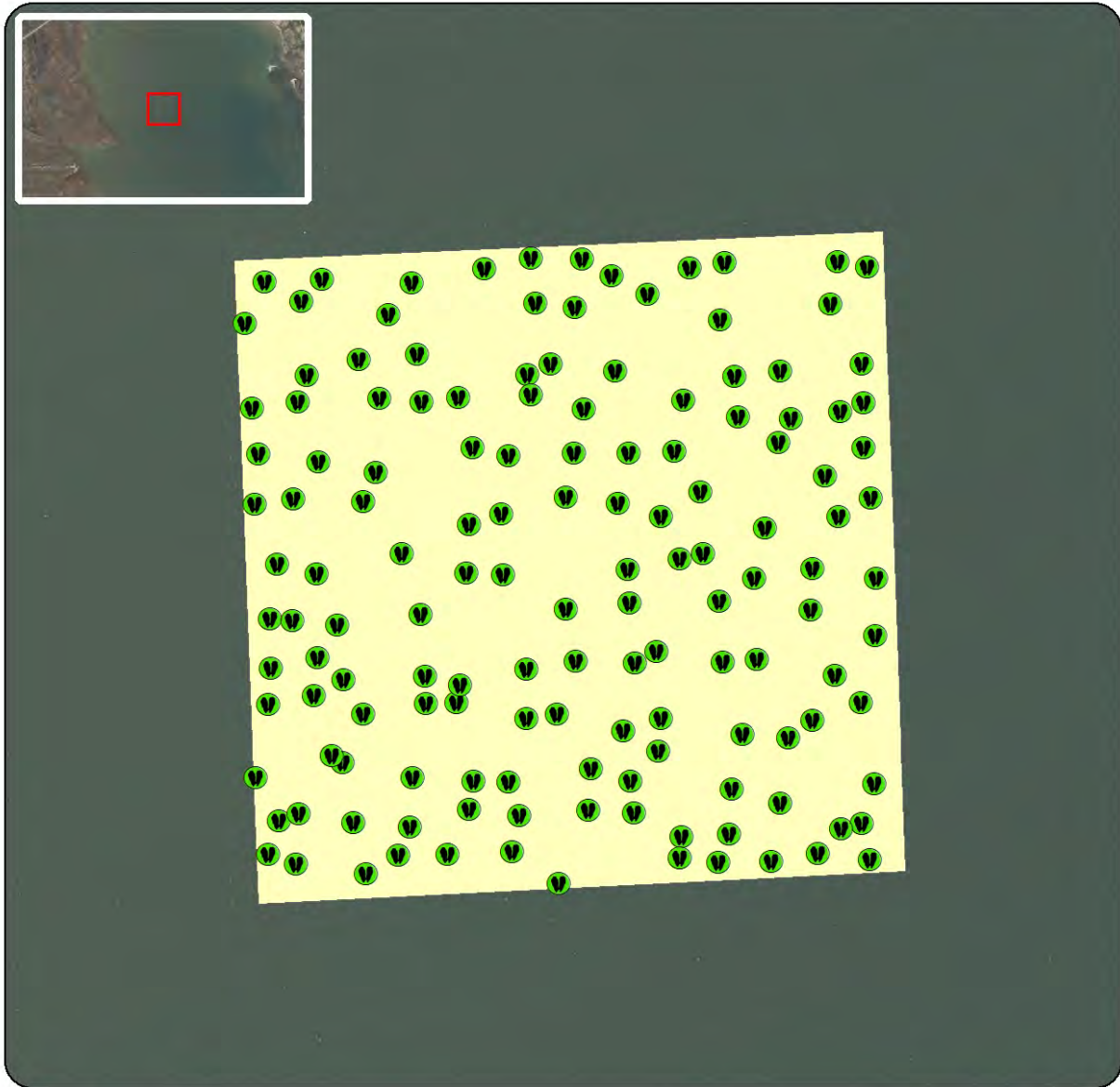
**Acreage: 5.85**

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- No Bivalve Shellfish Present
- Proposed Lease Area

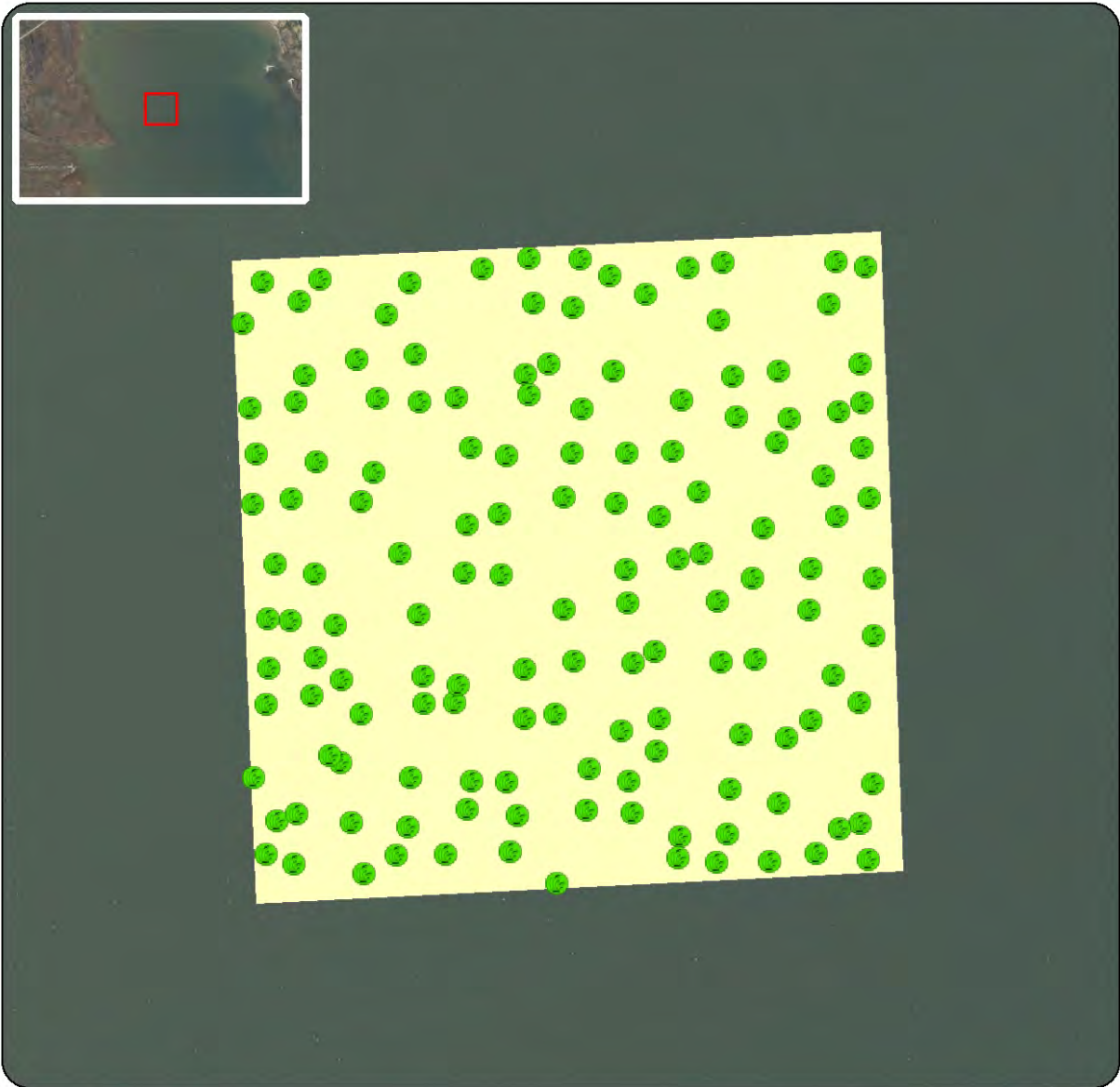
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Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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- No SAV Present
- Proposed Lease Area

**Acreage: 5.85**

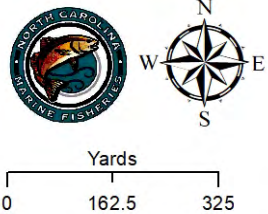
Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





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- Submerged Aquatic Vegetation
- Proposed Lease Area

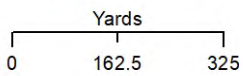
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**Lease Type**

-  Proposed - Bottom
-  Terminated

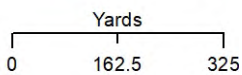
**Acreage: 5.85**




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-  Proposed Lease Area
-  Conditionally Approved - Open
-  Restricted

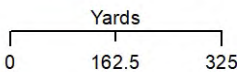
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**Planting Sites (Year)**

- 2004
- 2006
- 2007
- 2008
- 2009
- 2010
- 2011
- 2012

- Cultch Planting Permit Area
- Proposed Lease Area

**Acreage: 5.85**

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