

Shellfish Lease Investigation Report	
Investigation Date	6/9/2022
Applicants name	Changing Tide Renovations, LLC - Charles Allen & Mason Allen
Lease Number	22-019BL/22-020WC
County	Carteret
Waterbody/location	South River
Proposed Lease Size (acres)	3.72
Lease Type	Bottom/Water Column
Investigation Team	A. Frost/R. Farnell/D. Walters/S. Tripp
Gear Used	766 - Patent Tong
Sediment Type	8 - sand (sand in hard and firm strata)
Bottom Composition	O - no grass
Depth (m)	0.75
Tidal Stage	Wind
Water Temperature (°C)	28.5
Salinity (ppt)	16.7
Dissolved Oxygen (mg/L)	6.4
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	No
In Polluted Area?	No - Approved
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	No
Other Comments	

Application Coordinates		Modified Coordinates		Actual Coordinates	
-76.57241667	34.96510000	-76.57107726	34.96412178	-76.57375614	34.96528212
-76.57105000	34.96416667	-76.57133333	34.96370000	-76.57313558	34.96556800
-76.57133333	34.96370000	-76.57377617	34.96525873	-76.57131293	34.96365865
-76.57303333	34.96480000	-76.57315950	34.96555874	-76.57106193	34.96408881

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Changing Tide Renovations, LLC - Charles Allen & Mason Allen

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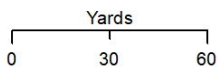
Date: 6/9/2022

Lease size: 3.72 acres # of Samples: 92

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
78	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
79	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
80	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
81	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
82	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
83	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
84	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
85	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
86	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
87	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
88	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
89	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
90	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
91	0	0	0	0	6/9/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
92	0	0	0	0	6/9/2022	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				
TOTAL BUSHELS PER SPECIES		0	0	0	0	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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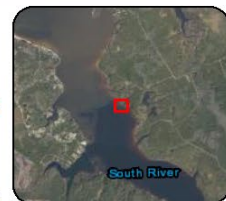
Date: 6/13/2022



- Proposed Corner Points
- Proposed Lease Area

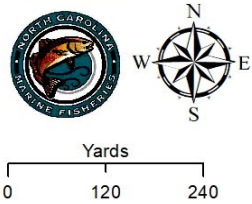
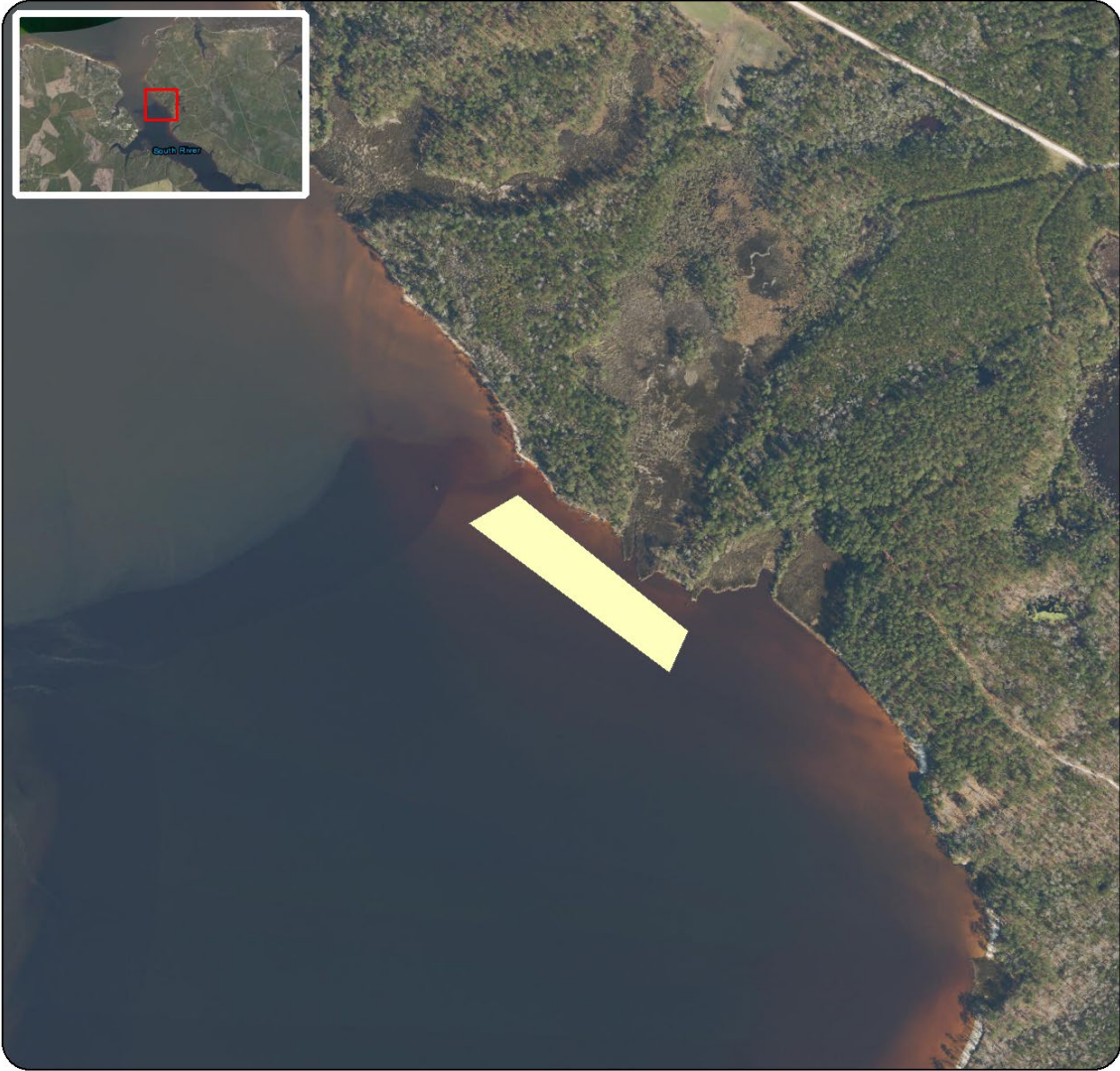
Acreage: 3.72

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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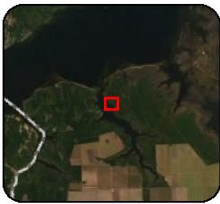
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Proposed Lease Area

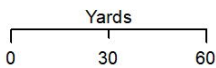
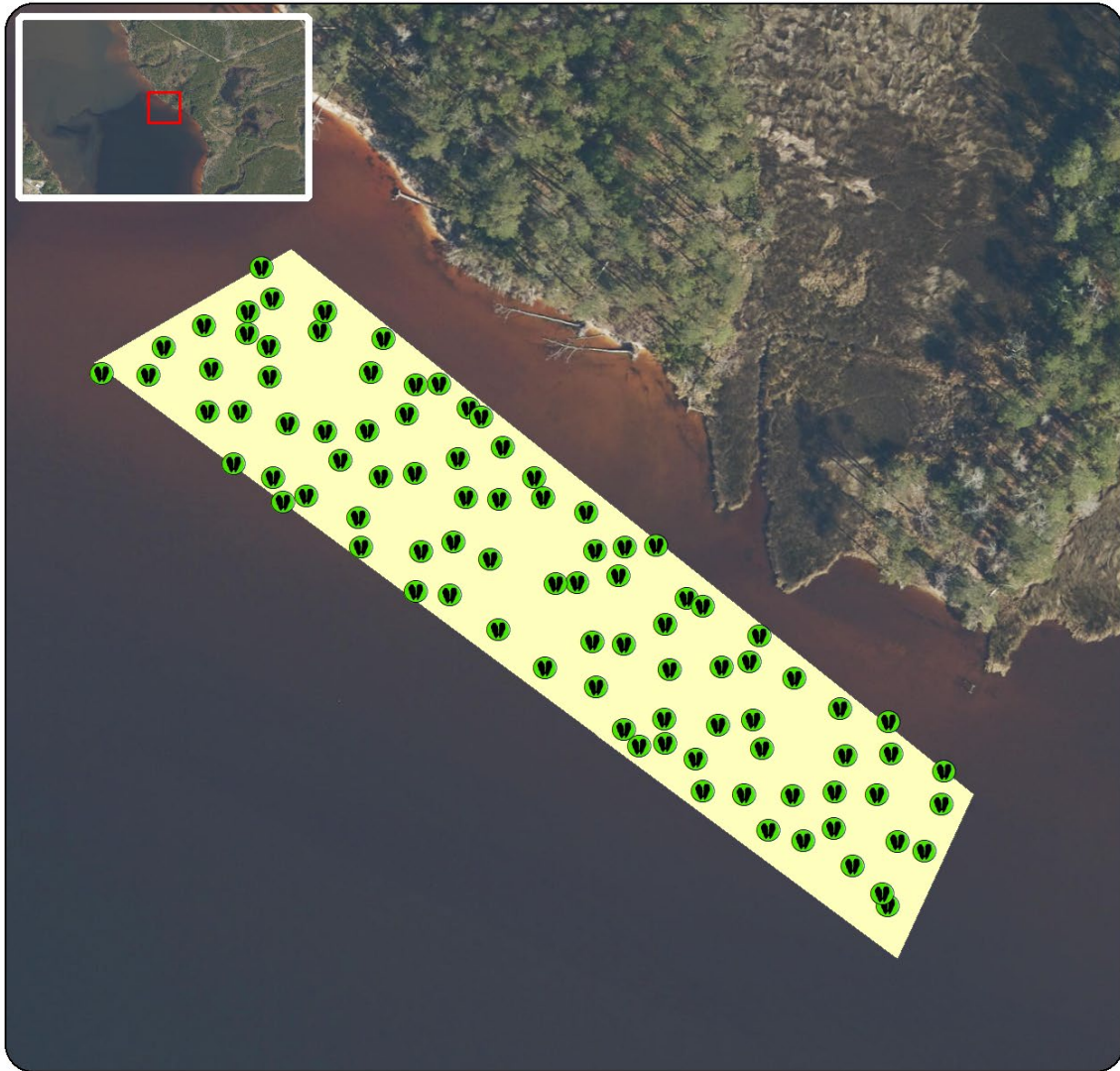
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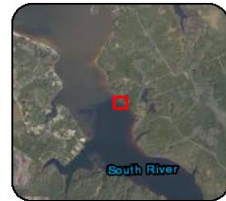
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- No Bivalve Shellfish Present
- Proposed Lease Area

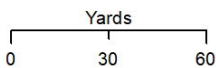
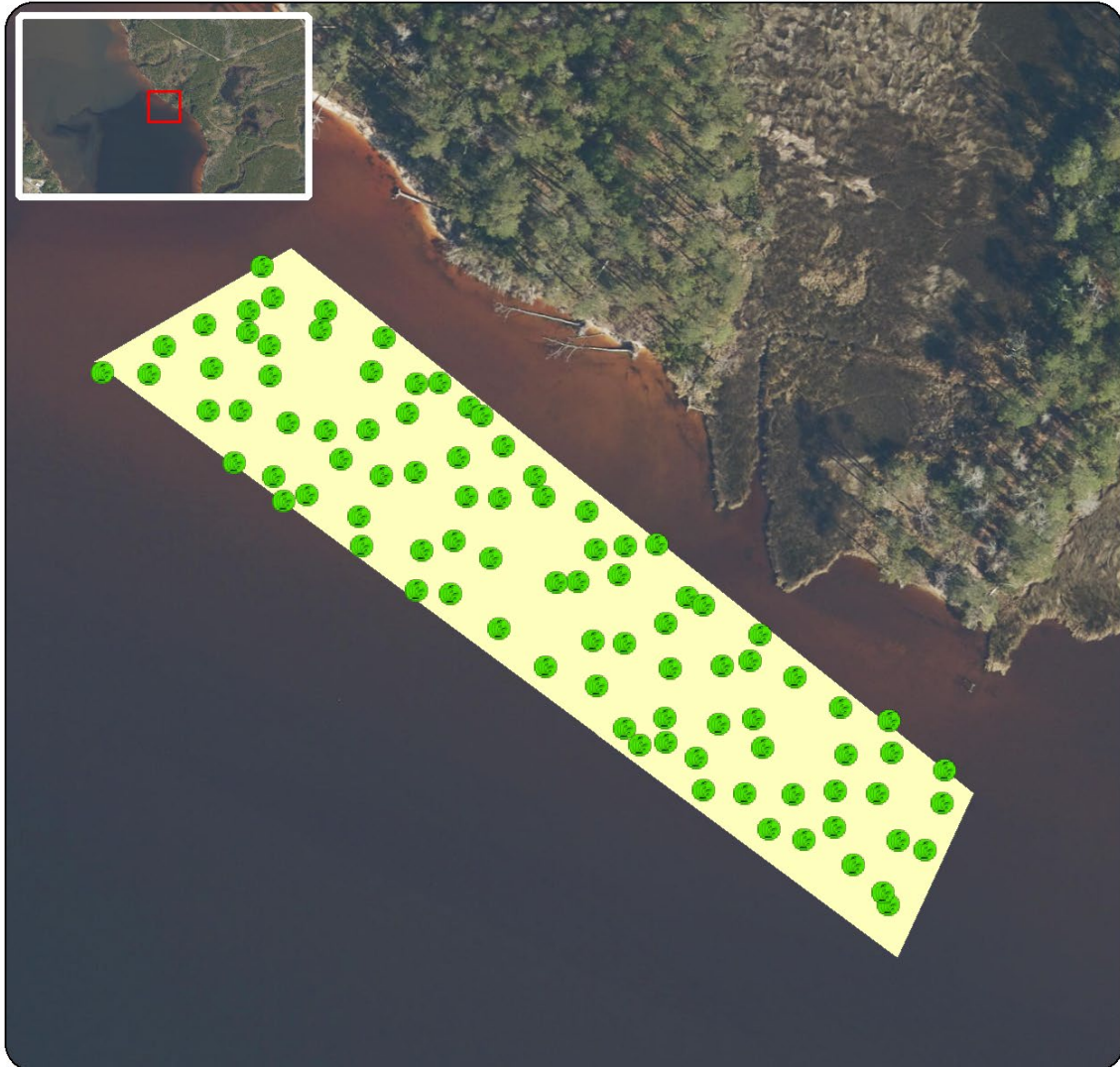
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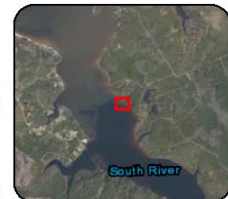
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- No SAV Present
- Proposed Lease Area

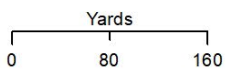
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- Proposed Lease Area
- Approved

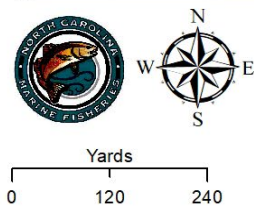
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- Proposed Lease Area
- Lease Type**
- Other Proposed Water Column
- Other Proposed Bottom
- Bottom

Acreage: 3.72

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





