

Shellfish Lease Investigation Report	
Investigation Date	9/19/2024 and 9/23-24/2024
Applicants name	Changing Tides Renovations, LLC-Mason H. Allen
Lease Number	24-036BL/24-037WC
County	Carteret
Waterbody/location	0535220000/South River
Proposed Lease Size (acres)	7.69
Lease Type	Bottom/Water Column
Investigation Team	S. Tripp, C. Grady, E. Ellis, R. Farnell, A. Frost
Gear Used	766 - Patent Tong
Sediment Type	1 - Hard sand
Bottom Composition	0 - no grass
Depth (m) NW Corner	1.8
Depth (m) NE Corner	3
Depth (m) SE Corner	2.2
Depth (m) SW Corner	1.8
Depth (m) - Average	2.2
Tidal Stage	K-Wind
Water Temperature (°C)	26.6
Salinity (ppt)	8.5
Dissolved Oxygen (mg/L)	8.4
Comments on SAV in or around Proposed Lease location	N/A
Other Species Collected	N/A
In PNA?	No
In Polluted Area?	No: Approved
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	No
Other Comments	N/A

Application Coordinates	
Latitude	Longitude
34.962844	-76.584518
34.960830	-76.582903
34.960524	-76.584185
34.962524	-76.585795

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: ing Tides Renovations, LLC-Mason I

Proposed Lease #: 24-0368L/24-037WC

Date: 9/19/2024 and 9/23-24/2024

Lease size: 7.69 acres # of Samples: 192

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
155	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
156	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
157	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
158	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
159	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
160	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
161	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
162	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
163	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
164	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
165	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
166	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
167	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
168	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
169	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
170	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
171	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
172	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
173	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
174	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
175	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
176	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
177	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
178	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
179	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
180	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
181	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
182	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
183	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
184	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
185	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
186	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
187	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
188	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
189	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
190	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
191	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
192	0	0	0	0	9/19/2024 and 9/23-24/2024	NA	O - no grass	1 - Hard sand
	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	0.00	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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 Changing Tide Renovations, LLC – Mason H. Allen

Date: 10/25/2024



PoleNbr	Latitude	Longitude
1	34.962844	-76.584518
2	34.96083	-76.582903
3	34.960524	-76.584185
4	34.962524	-76.585795

4
 34° 57.7514' N
 76° 35.1477' W

1
 34° 57.7706' N
 76° 35.0711' W

3
 34° 57.6314' N
 76° 35.0511' W

2
 34° 57.6498' N
 76° 34.9742' W



Proposed Corner Pts
 Proposed Lease Area

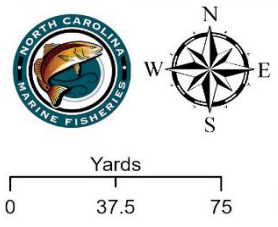
Acreage: 7.69



Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



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Date: 9/27/2024



-  No SAV Present
-  Proposed Lease Area

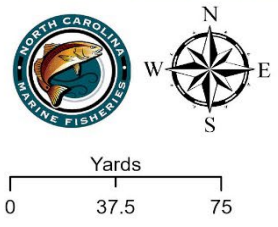
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Shellfish Present
V No
Proposed Lease Area

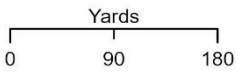
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
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 Proposed Lease Area

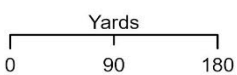
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Shellfish Growing Area Classification

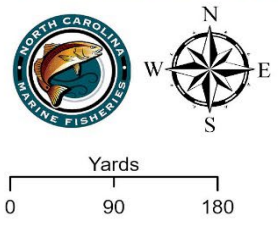
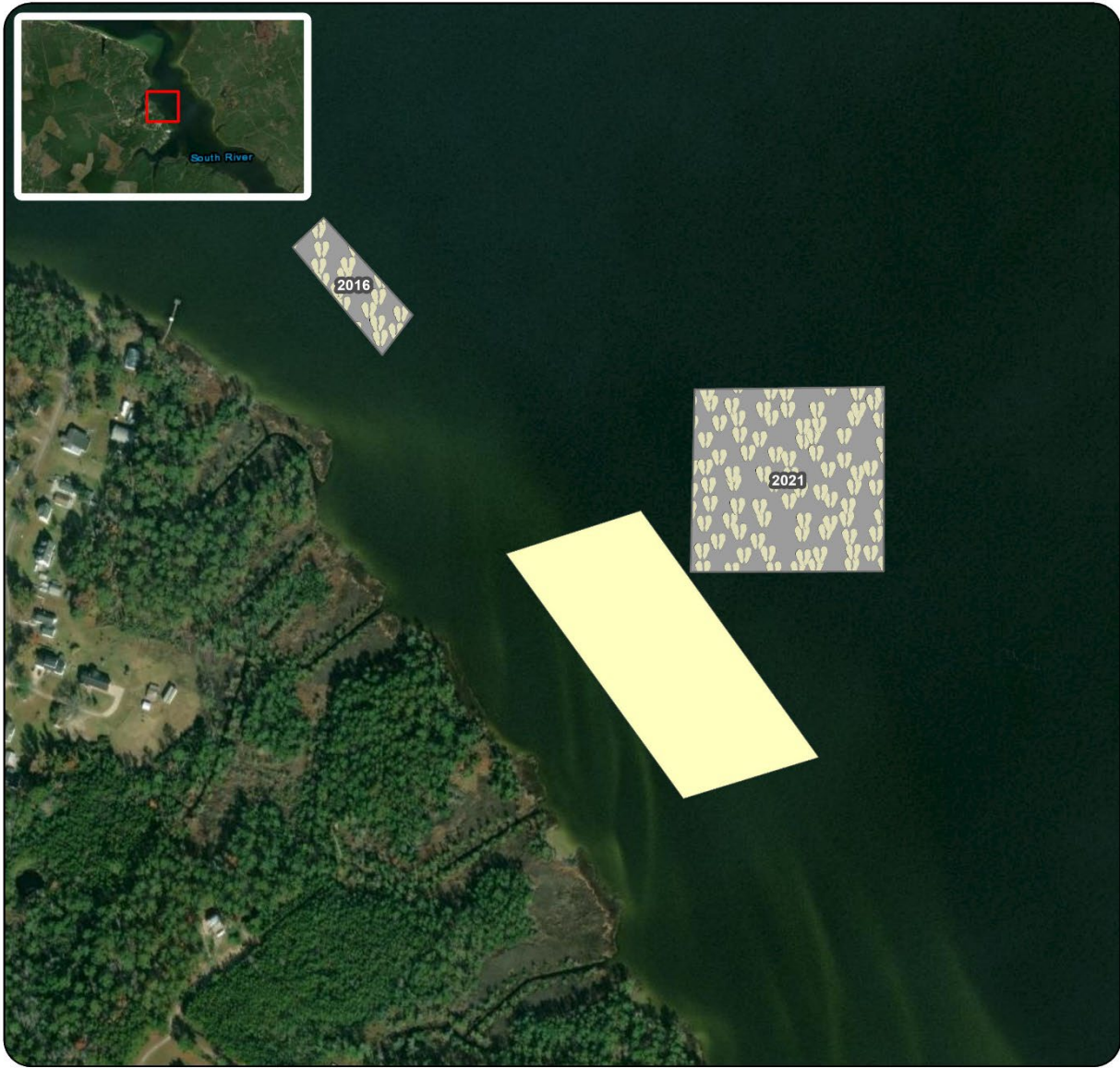
- Approved
- Closed Shellfish Harvest Area - Prohibited **Acreage: 7.69**
- Proposed Lease Area

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- Cultch Planted Site
- Proposed Lease Area

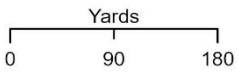
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- No Contact Fisheries Observation
- Proposed Lease Area

Acreage: 7.69

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