

Shellfish Lease Investigation Report	
Investigation Date	9/9/2024 and 9/11-12/2024
Applicants name	Middle Sound Mariculture, LLC- James M. Hargrove
Lease Number	24-034BL/24-035WC
County	Onslow
Waterbody/location	1201010000/New River
Proposed Lease Size (acres)	9.18
Lease Type	Bottom/Water Column
Investigation Team	E. Ellis/ C.Grady/ S. Tripp/ A. Frost/ R. Farnell/ K. Flanigan
Gear Used	766 - Patent Tong
Sediment Type	1 - Hard sand
Bottom Composition	O - no grass
Depth (m) NW Corner	1.6
Depth (m) NE Corner	1.3
Depth (m) SE Corner	1.1
Depth (m) SW Corner	1.2
Depth (m) - Average	1.3
Tidal Stage	K-Rising
Water Temperature (°C)	23.8
Salinity (ppt)	26.3
Dissolved Oxygen (mg/L)	6.9
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?	Yes
In Oyster Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Modified Coordinates	
Latitude	Longitude	Latitude	Longitude
34.564383	-77.370033	34.564376	-77.370031
34.563583	-77.369317	34.563576	-77.369315
34.561900	-77.372867	34.562034	-77.372567
34.562584	-77.373633	23.562704	-77.373376

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Middle Sound Mariculture, LLC- James M. Hargrove

Proposed Lease #: 24-034BL/24-035WC

Date: 9/9/2024 and 9/11-12/2024



Lease size: 9.18 acres # of Samples: 229

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
	0				0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	2	0				
TOTAL BUSHELS PER SPECIES		0	0.005	0	0.09	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Modified Proposed Lease: 24-034BL/24-035WC Middle Sound Mariculture, LLC – James M. Hargrove

Date: 12/27/2024



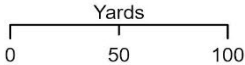



▲ Proposed Corner Points


■ Proposed Lease Area

Acreage: 9.18

Yards

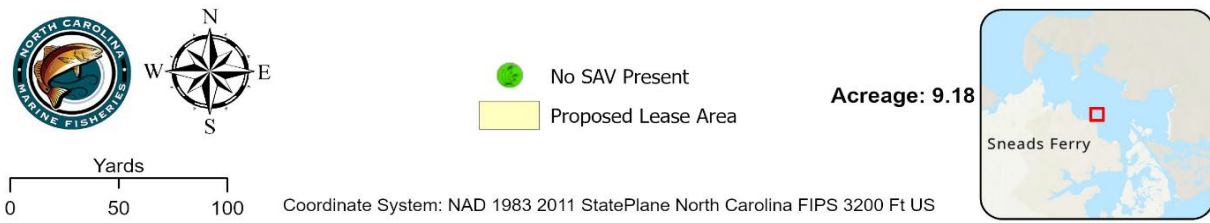


Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



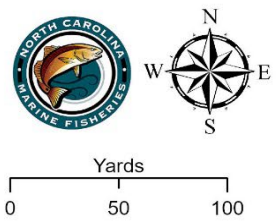
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Shellfish Present

- Green circle with 'V': No
- Red circle with 'V': Yes-Clams
- Yellow rectangle: Proposed Lease Area

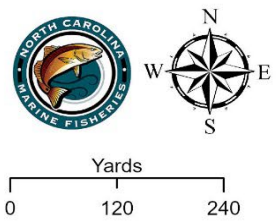
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Proposed Lease Area

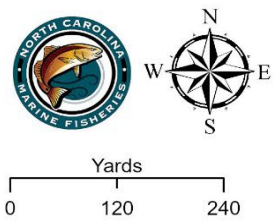
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
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 Submerged Aquatic Vegetation
 Proposed Lease Area

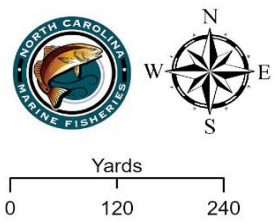
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Shellfish Growing Area Classification

- Approved
- Closed Shellfish Harvest Area - Prohibited
- Proposed Lease Area

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Leases

- Franchise
- Proposed Lease Area

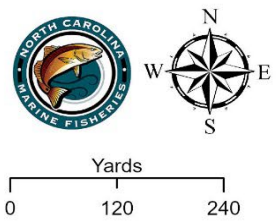
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■ Mechanical Clam Harvest Areas 2016
■ Proposed Lease Area

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-  Military Danger Zone- Conditionally Open
-  Proposed Lease Area

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