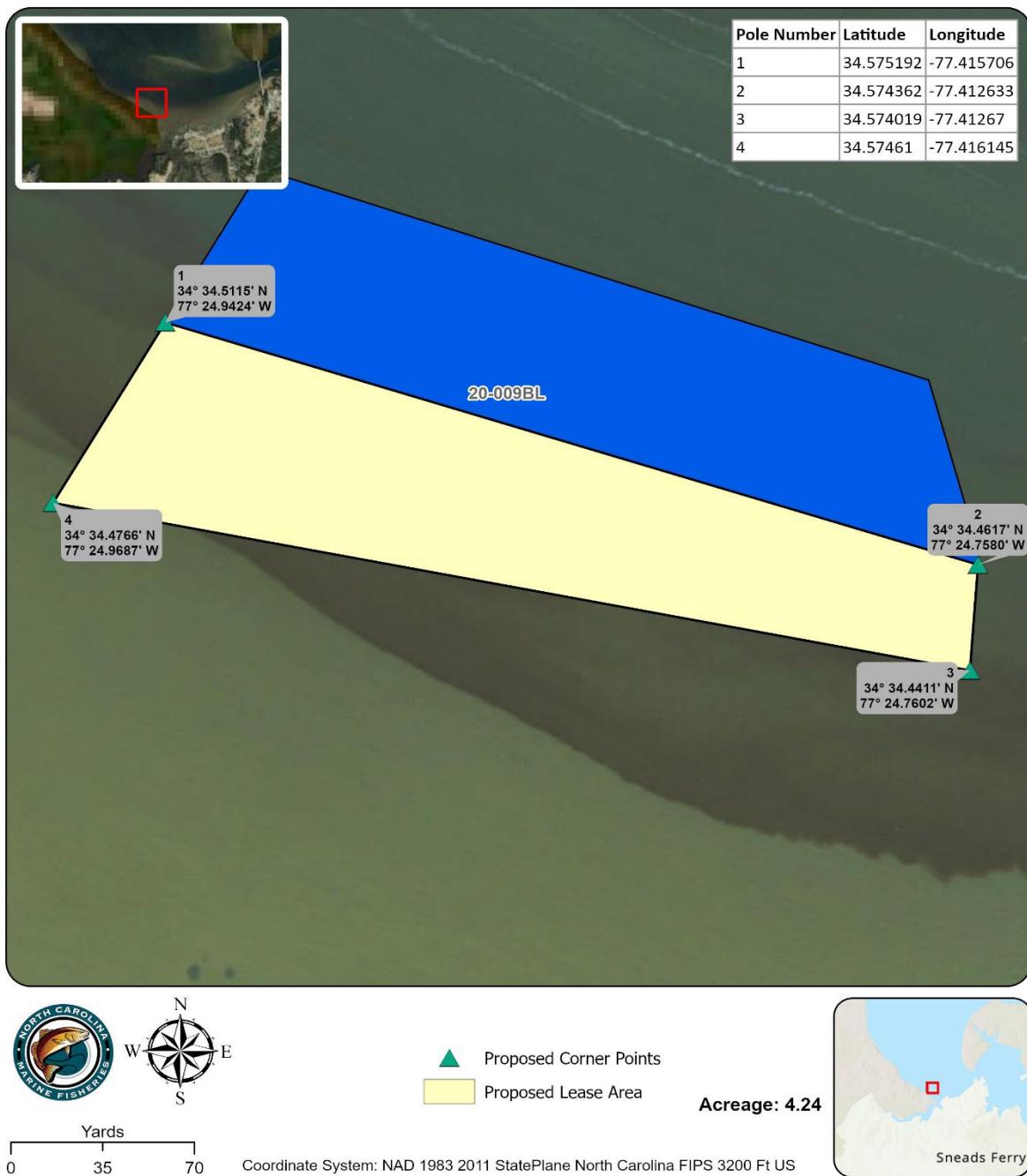


Shellfish Lease Investigation Report	
Investigation Date	9/22/2025
Applicants name	Joshua A. Thompson
Lease Number	25-029WC
County	Onslow
Waterbody/location	Stones Bay/ 1201020100
Proposed Lease Size (acres)	4.24
Lease Type	Water Column
Investigation Team	ST, CG, MT
Gear Used	
Sediment Type	7 - Sandy mud
Bottom Composition	O - no grass
Depth NW Corner(m)	1.3
Depth NE Corner (m)	1.3
Depth SE Corner (m)	1.3
Depth SW Corner (m)	1.3
Average Depth (m)	1.3
Tidal Stage	C - Late ebb
Water Temperature (°C)	21.3
Salinity (ppt)	23.7
Dissolved Oxygen (mg/L)	6.25
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	Yes
Other Comments	This is a limited biological investigation as the proposed water column footprint is on top of an already existing bottom lease 20-009BL

Application Coordinates	
34.574019	-77.412670
34.574362	-77.412633
34.574610	-77.416145
34.575192	-77.415706

Proposed Lease ID/Number: 25-029WC
Joshua A. Thompson

Date: 10/15/2025

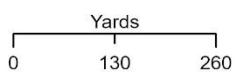


Proposed Lease ID/Number: 25-029WC
Joshua A. Thompson

Date: 10/15/2025



Proposed Lease Area



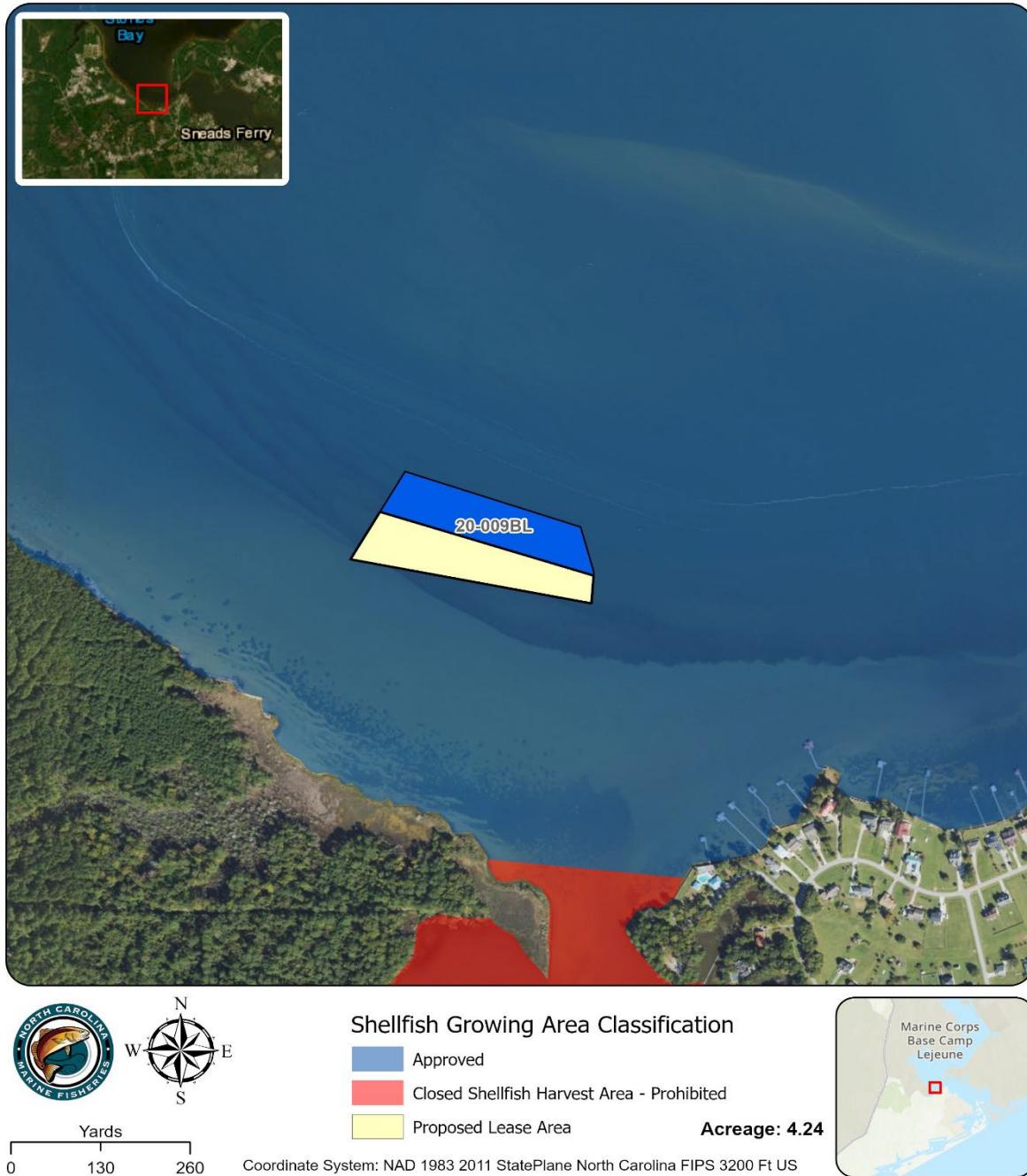
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US

Acreage: 4.24



Proposed Lease ID/Number: 25-029WC
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Yards
0 130 260

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

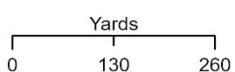
Submerged Aquatic Vegetation
 Proposed Lease Area

Acreage: 4.24



Proposed Lease ID/Number: 25-029WC
Joshua A. Thompson

Date: 10/15/2025



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

Cultch Permit Area
 Proposed Lease Area

Acreage: 4.24



Proposed Lease ID/Number: 25-029WC
Joshua A. Thompson

Date: 10/15/2025



Mechanical Methods Prohibited
 Proposed Lease Area

Yards
0 130 260

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

Acreage: 4.24



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Joshua A. Thompson

Date: 10/15/2025









