

Shellfish Lease Investigation Report	
Investigation Date	9/1/2022
Applicants name	Joseph McMichael
Lease Number	22-063BL/22-064WC
County	Carteret
Waterbody/location	Lower North River
Proposed Lease Size (acres)	7.20
Lease Type	Bottom/Water Column
Investigation Team	A. Frost/D. Walters/R. Farnell
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	Rising
Water Temperature (°C)	28
Salinity (ppt)	35.1
Dissolved Oxygen (mg/L)	5.8
Comments on SAV in or around Proposed Lease location	None
Other Species Collected	
In PNA?	No
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Actual Coordinates	
-76.60269000	34.72864600	-76.59957456	34.72680925
-76.59960000	34.72684700	-76.60020273	34.72620925
-76.60019000	34.72621200	-76.60326390	34.72810325
-76.60335500	34.72808600	-76.60265723	34.72862542

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Joseph McMichael

Proposed Lease #: 22-063BL/22-064WC

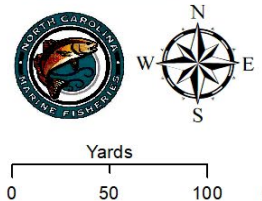
Date: 9/1/2022

Lease size: 7.2 acres # of Samples: 190

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
147	0	0	0	0	9/1/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
148	0	0	0	0	9/1/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
149	0	0	0	0	9/1/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
150	0	0	0	0	9/1/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
151	0	0	0	0	9/1/2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
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	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops	0%	OF SAMPLES CONTAINED SAV		
	0	0	1	0				
	TOTAL OF EACH SPECIES	0	1	0	0.05325	TOTAL BUSHELS OF SHELLFISH PER ACRE		
	TOTAL BUSHELS PER SPECIES	0	0.0025	0	0.05325			

Proposed Lease ID/Number: 22-063BL/22-064WC
Joseph McMichael

Date: 9/14/2022



▲ Proposed Corner Points
■ Proposed Lease Area

Acreage: 7.20


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



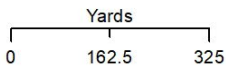
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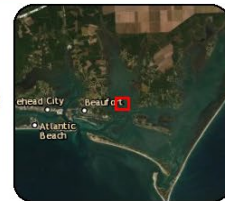


 Proposed Lease Area

Acreage: 7.20

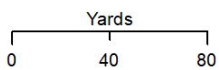


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- No Bivalve Shellfish Present
- Bivalve Shellfish Present
- Proposed Lease Area

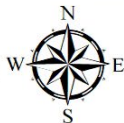
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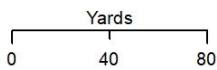
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- No SAV Present
- Proposed Lease Area

Acreage: 7.20



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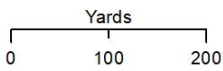
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- Submerged Aquatic Vegetation
- Proposed Lease Area

Acreage: 7.20

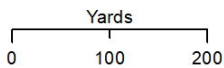


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- Proposed Lease Area
- Lease Type
 - Other Proposed - Water Column
 - Other Proposed - Bottom
 - Bottom

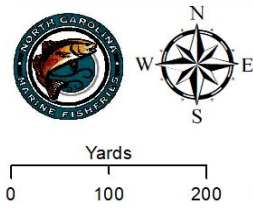
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- Proposed Lease Area
- Conditionally Approved - Open

Acreage: 7.20

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





PROPOSED SHELLFISH
BOTTOM LEASE 22-063BL
WATER COLUMN 22-064WC
JOSEPH McMICHAEL
AUGUST 1, 2022
7.58 ACRES
FOR ADDITIONAL INFORMATION CALL:
N.C. DIVISION OF MARINE FISHERIES
BARTLET & FINNANCEMENT SECTION
POST OFFICE BOX 709, MOREHEAD CITY, NC 28557
TELEPHONE: 252-858-4048

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