

Shellfish Lease Investigation Report	
Investigation Date	5/5 & 5/12 - 2022
Applicants name	Hershall Kevin Brown
Lease Number	22-009BL/22-010WC
County	Carteret
Waterbody/location	White Oak River
Proposed Lease Size (acres)	3.91
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/A. Frost/R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	1 - hard sand
Bottom Composition	O - no grass
Depth (m)	0.75
Tidal Stage	Rising
Water Temperature (°C)	24.8
Salinity (ppt)	31.1
Dissolved Oxygen (mg/L)	6.38
Comments on SAV in or around Proposed Lease location	
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	
34.69501000	-77.09730000	34.69459367	-77.09797017
34.69362000	-77.09581000	34.69500950	-77.09731233
34.69320000	-77.09652000	34.69319950	-77.09651417
34.69457000	-77.09799000	34.69361800	-77.09581900

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Hershall Kevin Brown**

Proposed Lease #: **22-0098L/22-010WC**

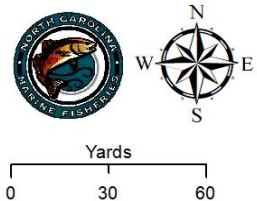
Date: **5/5 & 5/12 - 2022**

Lease size: **3.91** acres # of Samples: **100**

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	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
79	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
80	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
81	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
82	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
83	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
84	0	0	1	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
85	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
86	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
87	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
88	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
89	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
90	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
91	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
92	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
93	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
94	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
95	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
96	0	0	1	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
97	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
98	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
99	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
100	0	0	0	0	5/5 & 5/12 - 2022	NA	O - no grass	1 - hard sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	1				1%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES								
		28	6	0				
TOTAL BUSHELS PER SPECIES								
		0.093333333	0.015	0	4.38425	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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Date: 5/13/2022



▲ Proposed Corner Points
 ■ Proposed Lease Area

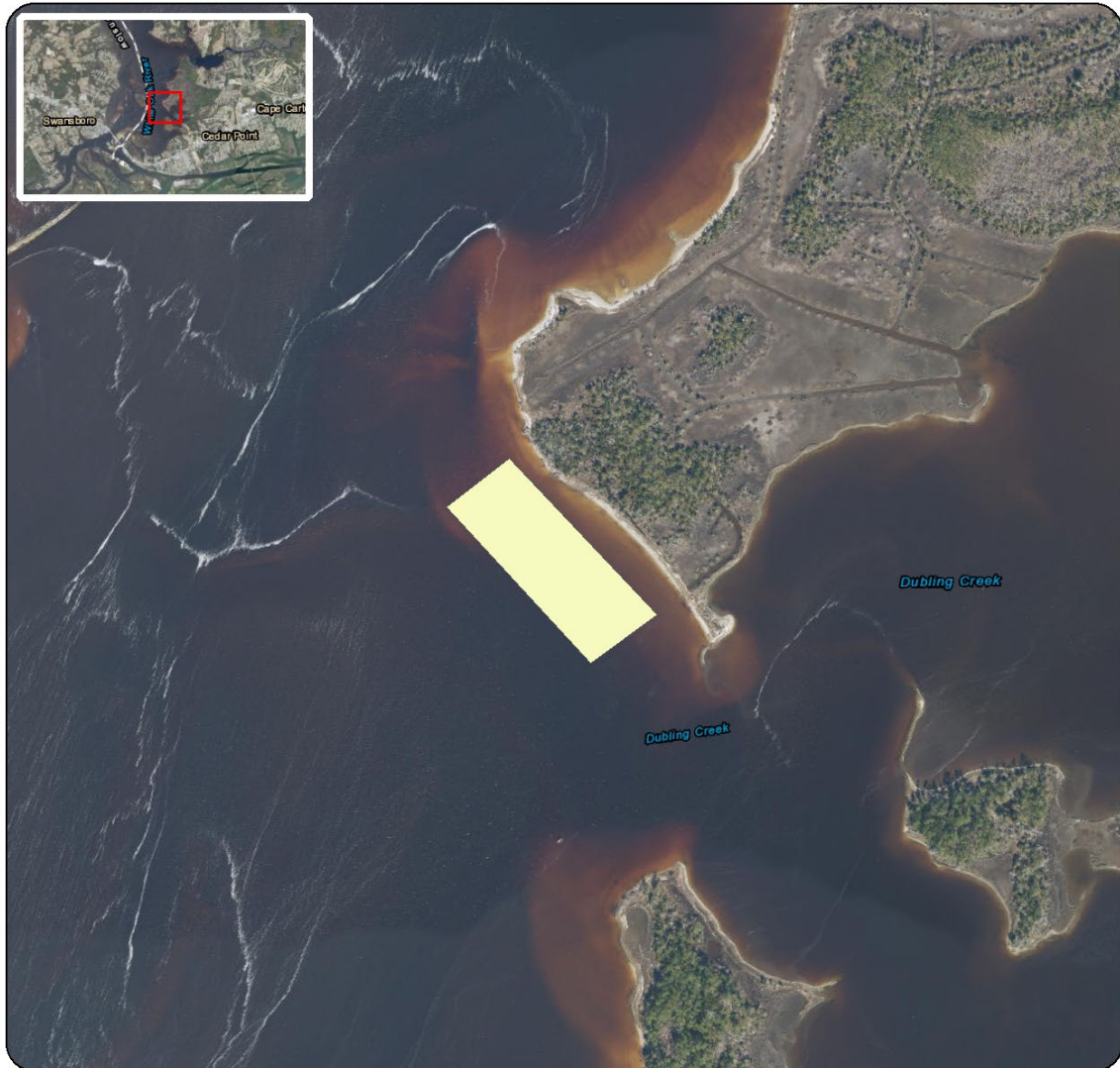
Acreage: 3.91


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



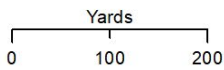
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 Proposed Lease Area

Acreage: 3.91

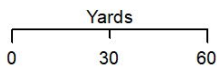
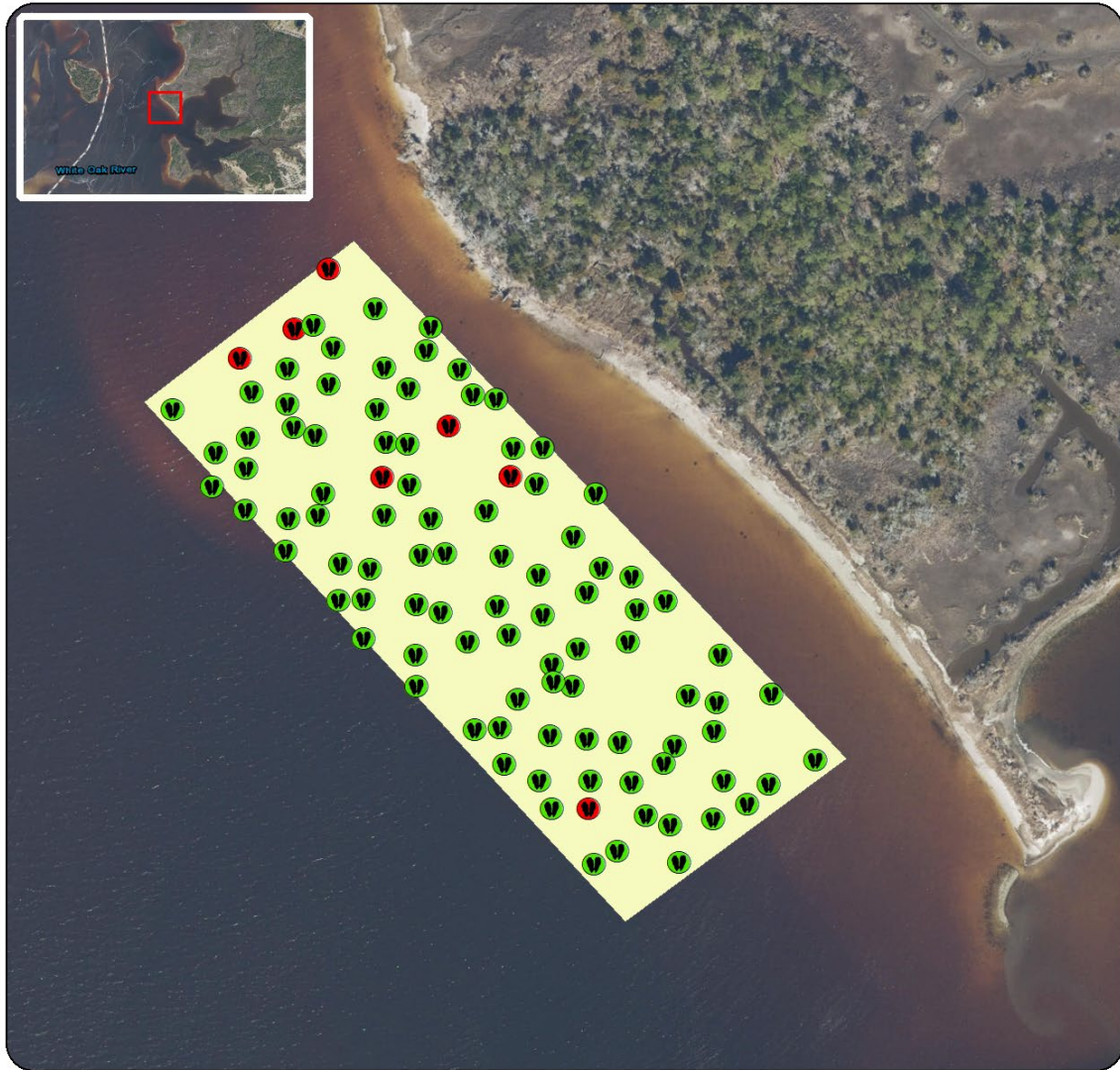


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- No Bivalve Shellfish Present
- Bivalve Shellfish Present
- Proposed Lease Area

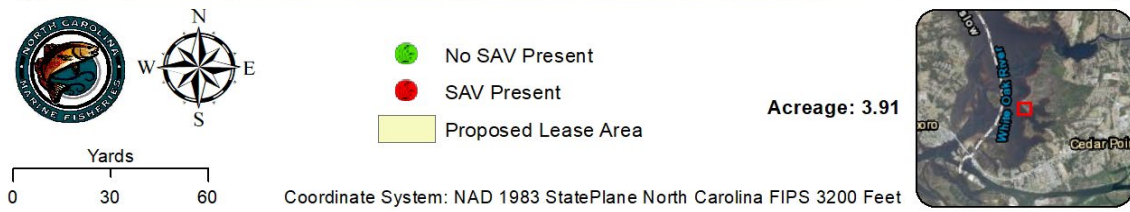
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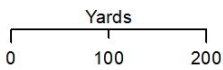
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- Proposed Lease Area
- Conditionally Approved - Open
- Conditionally Approved - Closed

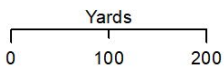
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Lease Type

-  Proposed - Water Column
-  Proposed - Bottom
-  Water Column
-  Bottom
-  Terminated

Acreage: 3.91

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





