

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	9/12 & 9/13 - 2022
<b>Applicants name</b>	James Kyle Frey
<b>Lease Number</b>	22-043BL/22-044WC
<b>County</b>	Carteret
<b>Waterbody/location</b>	Newport River
<b>Proposed Lease Size (acres)</b>	8.22
<b>Lease Type</b>	Bottom/Water Column
<b>Investigation Team</b>	D. Walters/S. Tripp
<b>Gear Used</b>	766 - Patent Tong
<b>Sediment Type</b>	8 - sand (sand in hard and firm strata)
<b>Bottom Composition</b>	O - no grass
<b>Depth (m)</b>	0.75
<b>Tidal Stage</b>	Rising
<b>Water Temperature (°C)</b>	27.1
<b>Salinity (ppt)</b>	31.7
<b>Dissolved Oxygen (mg/L)</b>	5.6
<b>Comments on SAV in or around Proposed Lease location</b>	None
<b>Other Species Collected</b>	
<b>In PNA?</b>	No
<b>In Polluted Area?</b>	No: Conditionally Approved - Open
<b>In Mechanical Clam Harvest Area?</b>	Yes
<b>In Mechanical Methods Prohibited Area</b>	Yes
<b>Other Comments</b>	

Application Coordinates		Actual Coordinates	
-76.69901500	34.75541100	-76.69727720	34.75362141
-76.69695000	34.75537200	-76.69962653	34.75429141
-76.69724380	34.75363800	-76.69901420	34.75537591
-76.69961700	34.75431700	-76.69695837	34.75536691





**Proposed Shellfish Lease Biological Investigation Sampling Data**

Applicant: James Kyle Frey

Proposed Lease #: 22-043BL/22-044WC

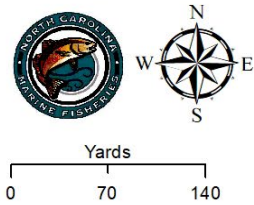
Date: 9/12 & 9/13 - 2022

Lease size: 8.22 acres # of Samples: 206

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
151	0	0	0	0	9/12 & 9/13 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
152	0	0	0	0	9/12 & 9/13 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
153	0	0	0	0	9/12 & 9/13 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
154	0	0	0	0	9/12 & 9/13 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
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206	0	0	0	0	9/12 & 9/13 - 2022	NA	O - no grass	8 - sand (sand in hard and firm strata)
	<b>SAV</b>	<b>Oysters (Eastern Oyster)</b>	<b>Clams (Quahogs)</b>	<b>Scallops</b>				
	0	0	1	0	0%	OF SAMPLES CONTAINED SAV		
<b>TOTAL OF EACH SPECIES</b>		0	1	0				
<b>TOTAL BUSHELS PER SPECIES</b>		0	0.0025	0	0.049114078	<b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b>		

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James Kyle Frey

Date: 9/19/2022



- ▲ Proposed Corner Points
- Proposed Lease Area

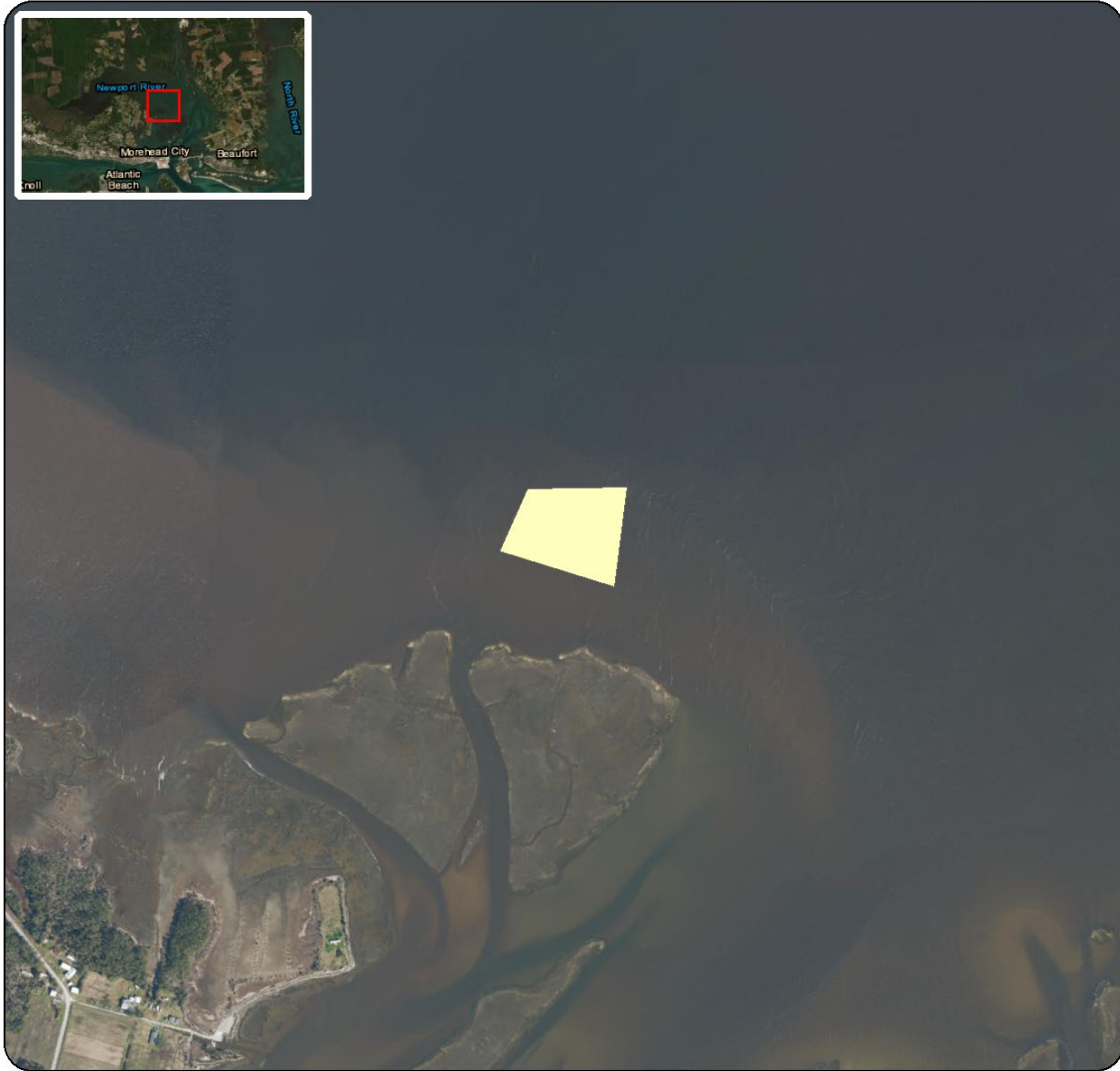
Acreage: 8.22


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



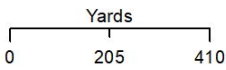
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 Proposed Lease Area

**Acreage: 8.22**



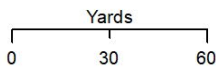
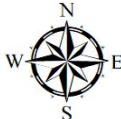
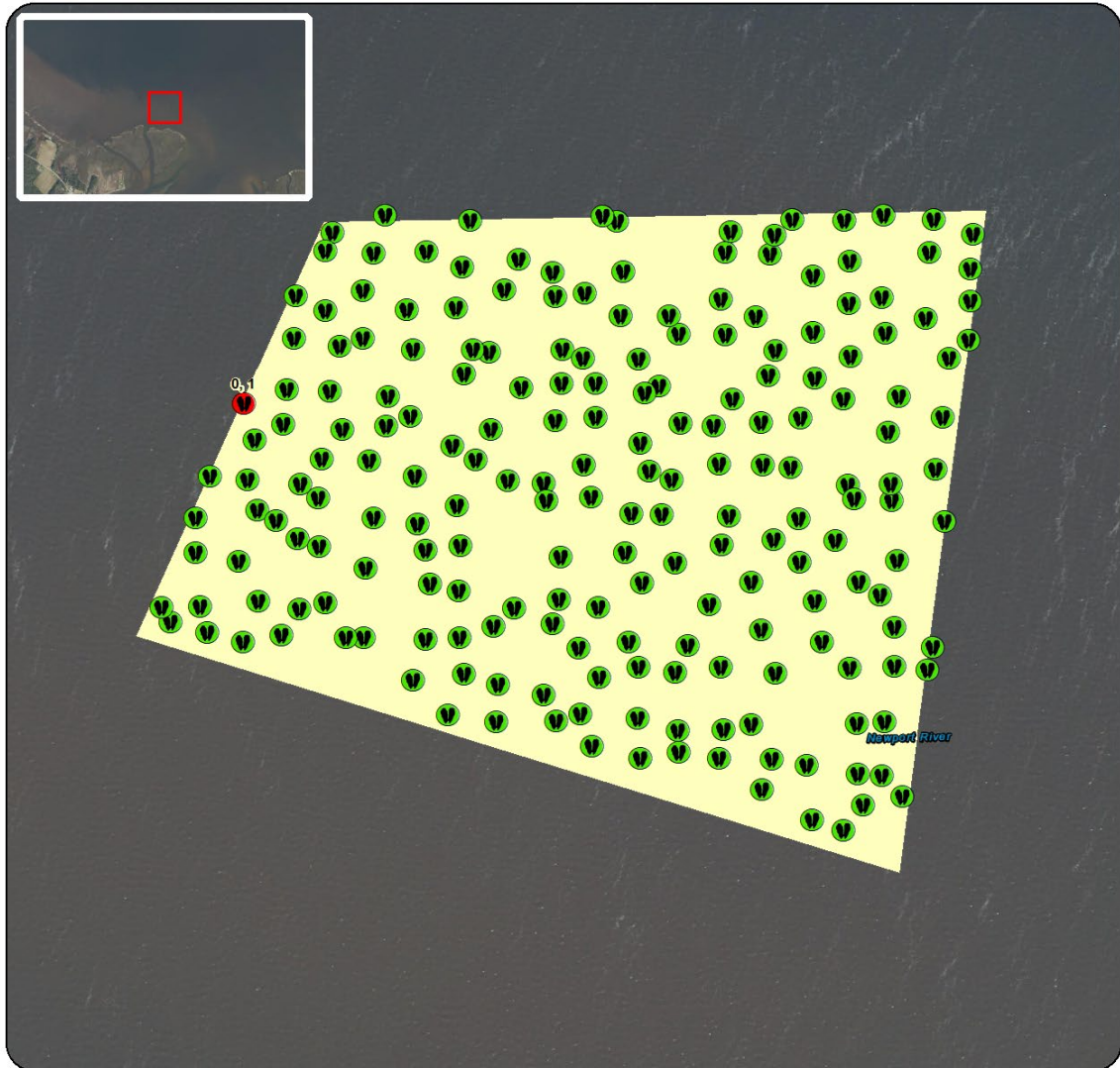
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- No Bivalve Shellfish Present
- Bivalve Shellfish Present
- Proposed Lease Area

Acreage: 8.22

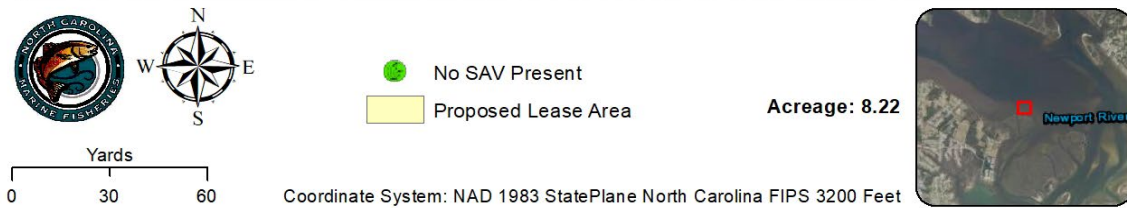
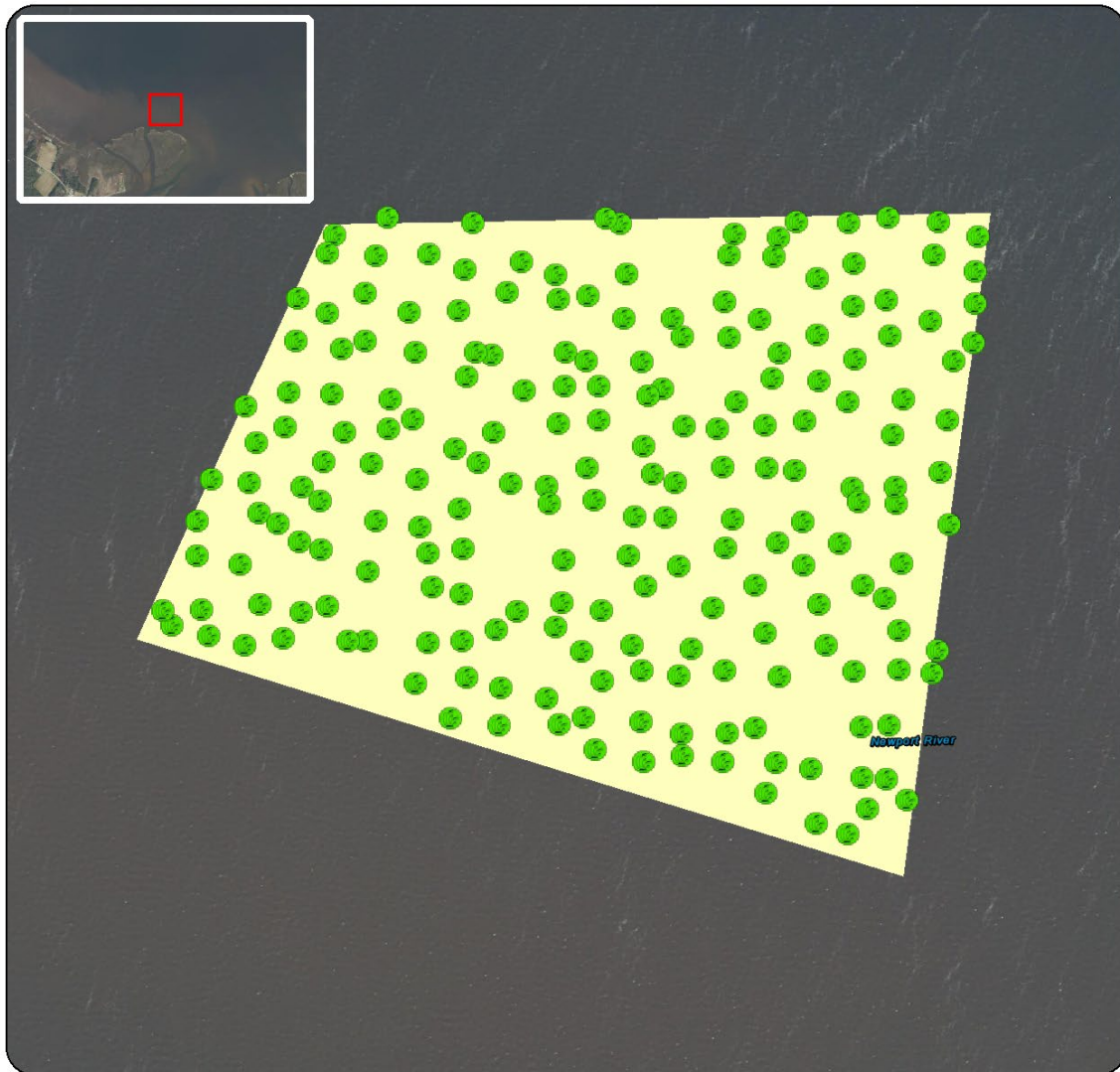
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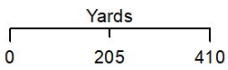
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Proposed Lease Area  
**SGA Current Classifications**  
Conditionally Approved - Open

Acreage: 8.22

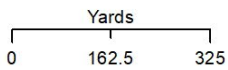
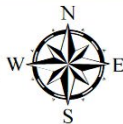


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Proposed Lease Area

Lease Type

Other Proposed Water Column

Other Proposed Bottom

**Acreage: 8.22**



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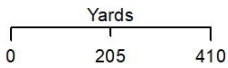
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-  Cultch Permit Area
-  Proposed Lease Area

**Acreage: 8.22**



Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





