

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	8/2 - 8/4, 2022
<b>Applicants name</b>	James Morris Sr.
<b>Lease Number</b>	22-029BL/22-030WC
<b>County</b>	Carteret
<b>Waterbody/location</b>	Long Bay
<b>Proposed Lease Size (acres)</b>	8.61
<b>Lease Type</b>	Bottom/Water Column
<b>Investigation Team</b>	R. Farnell/D. Walters/S. Tripp
<b>Gear Used</b>	766 - Patent Tong
<b>Sediment Type</b>	1 - hard sand
<b>Bottom Composition</b>	O - no grass
<b>Depth (m)</b>	1
<b>Tidal Stage</b>	Wind Tide
<b>Water Temperature (°C)</b>	28.6
<b>Salinity (ppt)</b>	28.56
<b>Dissolved Oxygen (mg/L)</b>	5.47
<b>Comments on SAV in or around Proposed Lease location</b>	
<b>Other Species Collected</b>	
<b>In PNA?</b>	Special Secondary Nursery Area
<b>In Polluted Area?</b>	No - Approved
<b>In Mechanical Clam Harvest Area?</b>	No
<b>In Mechanical Methods Prohibited Area</b>	Yes
<b>Other Comments</b>	

Application Coordinates		Actual Coordinates	
-76.450265	34.935162	-76.44831	34.9331622
-76.448333	34.933144	-76.44929	34.9324932
-76.449318	34.932509	-76.45154	34.93500353
-76.451555	34.935012	-76.45023	34.93515703





### Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: James Morris Sr.

Proposed Lease #: 22-029BL/22-030WC

Date: 8/2 - 8/4, 2022



Lease size: 8.61 acres # of Samples: 213

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
155	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
156	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
157	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
158	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
159	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
160	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
161	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
162	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
163	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
164	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
165	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
166	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
167	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
168	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
169	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
170	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
171	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
172	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
173	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
174	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
175	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
176	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
177	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
178	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
179	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
180	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
181	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
182	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
183	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
184	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
185	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
186	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
187	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
188	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
189	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
190	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
191	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
192	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
193	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
194	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
195	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
196	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
197	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
198	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
199	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
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201	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
202	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
203	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
204	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
205	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
206	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
207	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
208	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
209	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
210	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
211	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
212	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
213	0	0	0	0	8/2 - 8/4, 2022	NA	O - no grass	1 - hard sand
	<b>SAV</b>	<b>Oysters (Eastern Oyster)</b>	<b>Clams (Quahogs)</b>	<b>Scallops</b>				
	0				0%	OF SAMPLES CONTAINED SAV		
<b>TOTAL OF EACH SPECIES</b>		0	0	0				
<b>TOTAL BUSHELS PER SPECIES</b>		0	0	0	0	<b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b>		

Proposed Lease ID/Number: 22-029BL/22-030WC  
 James Morris Sr.

Date: 9/6/2022




Yards

0 50 100

▲ Proposed Corner Points

■ Proposed Lease Area

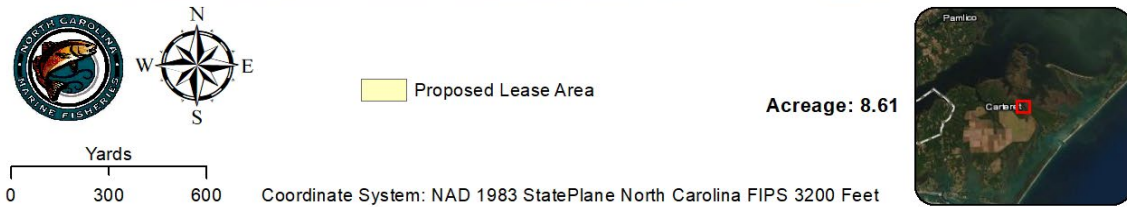
**Acreage: 8.61**



Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet

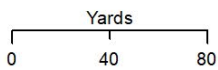
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-  No Bivalve Shellfish Present
-  Proposed Lease Area

**Acreage: 8.61**

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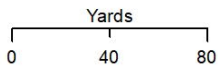
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-  No SAV Present
-  Proposed Lease Area

**Acreage: 8.61**

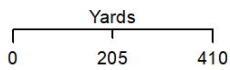
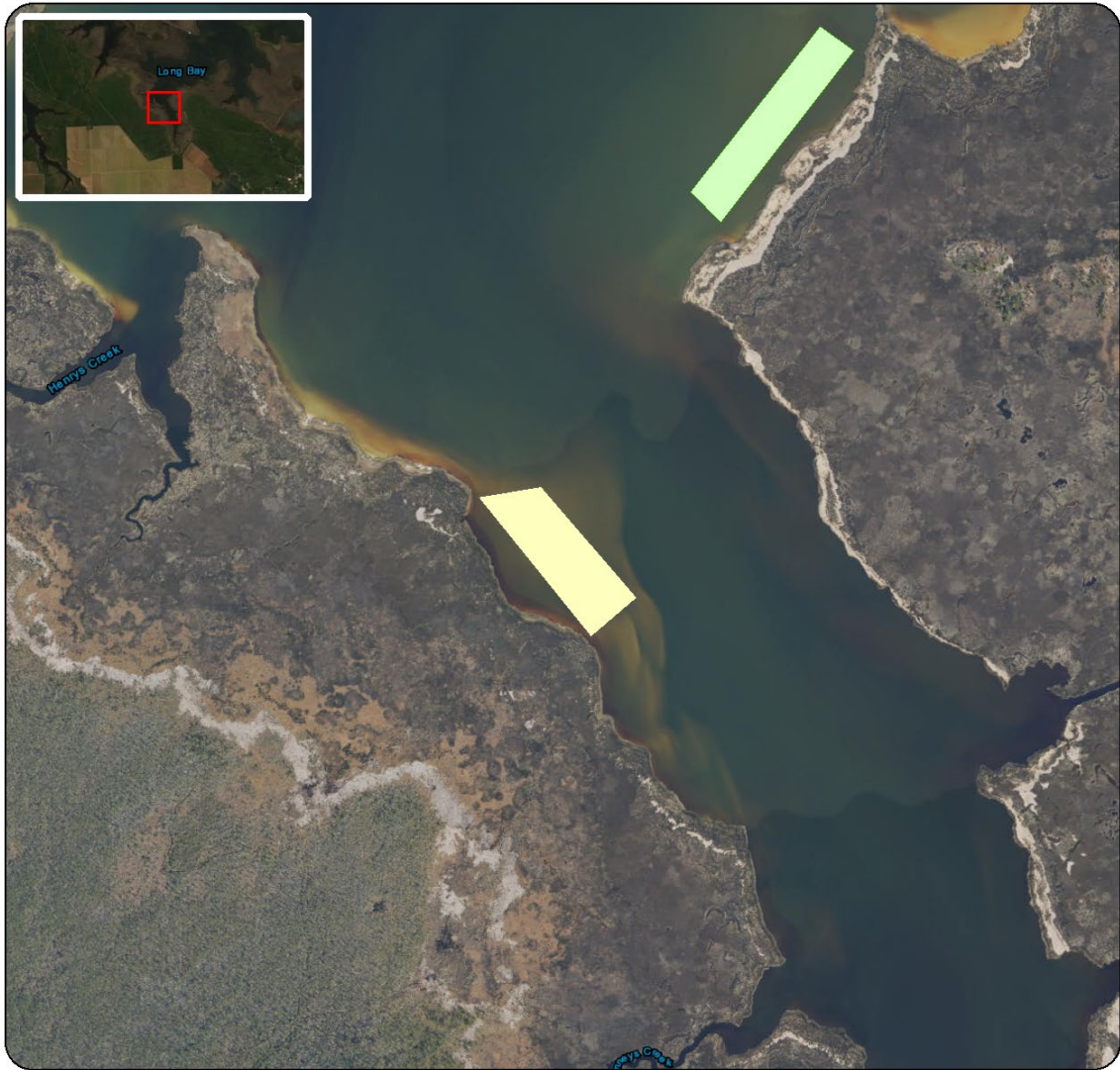


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- Proposed Lease Area
- Lease Type**
- Other Proposed - Water Column
- Other Proposed - Bottom

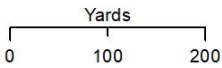
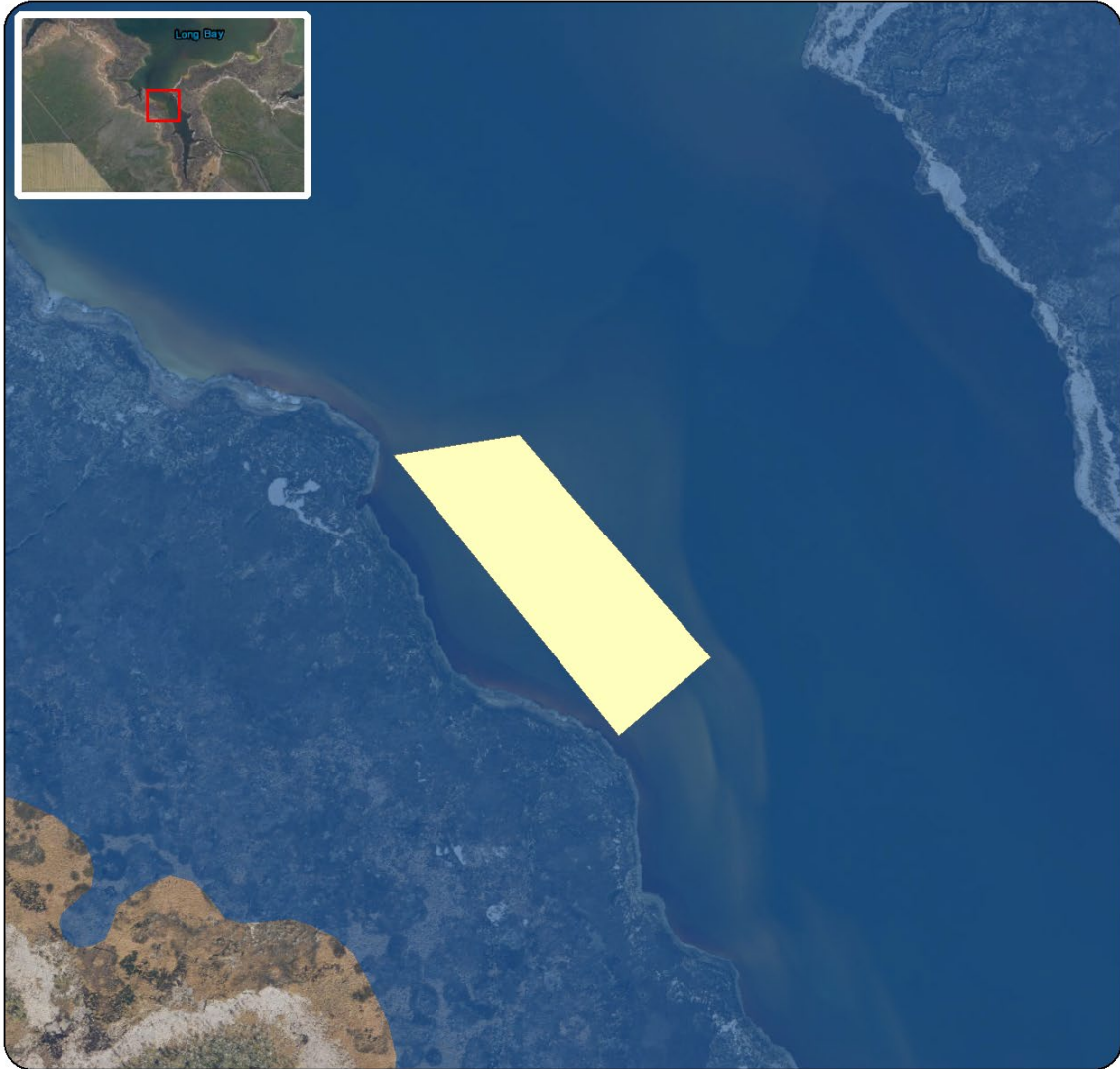
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Proposed Lease Area  
Approved

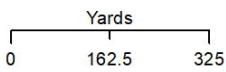
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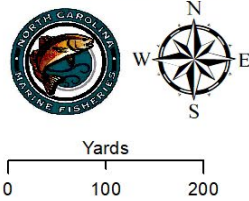
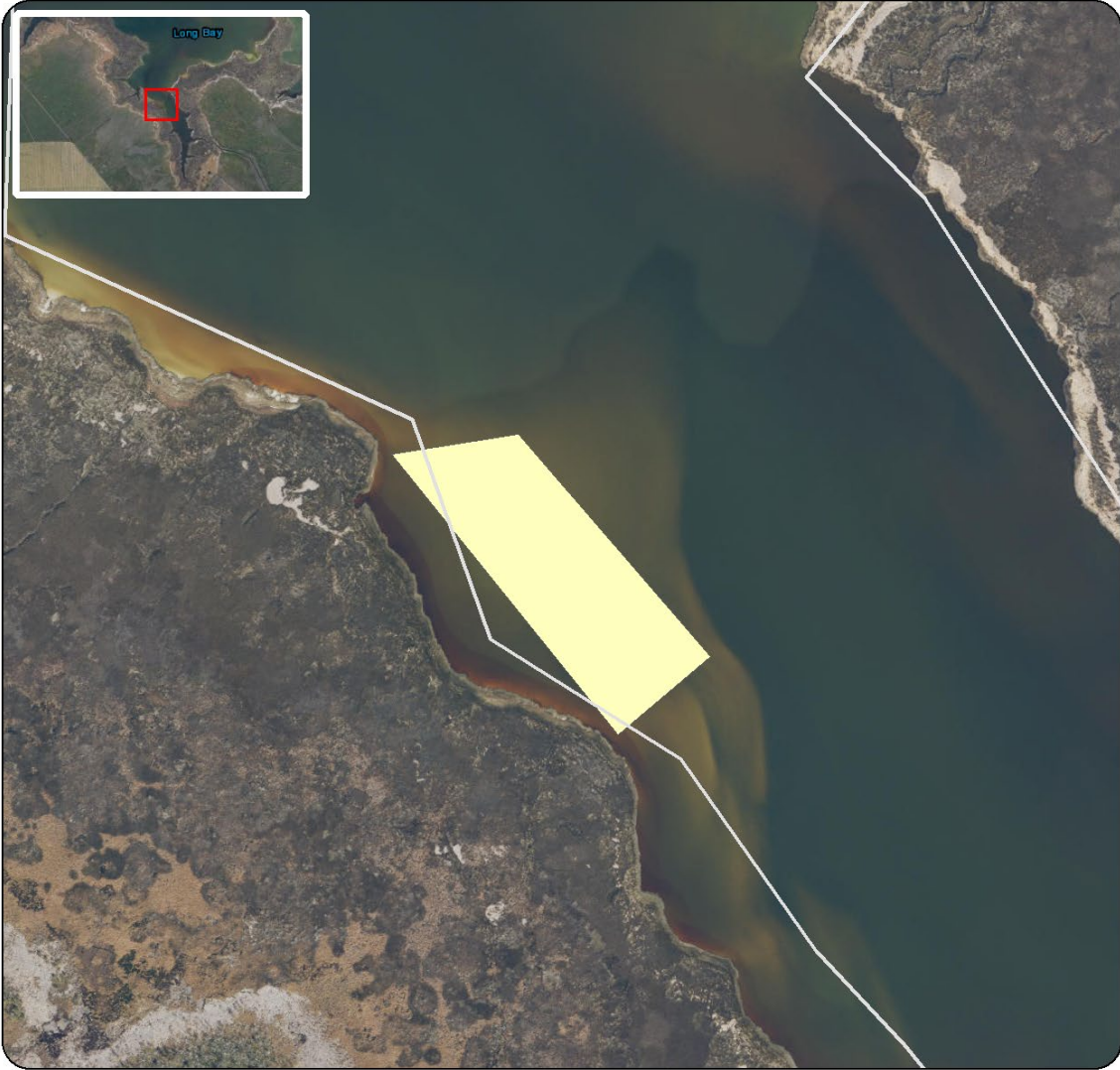
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□ Cultch Permit Area  
■ Proposed Lease Area

**Acreage: 8.61**

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