

Shellfish Lease Investigation Report	
Investigation Date	8/30, 8/31, & 9/2 - 2021
Applicants name	Jessica Emory
Lease Number	21-058BL/21-059WC
County	Carteret
Waterbody/location	North Bay
Proposed Lease Size (acres)	7.47
Lease Type	Bottom/Water Column
Investigation Team	A. Frost/D. Walters/S. Tripp/A. Wells
Gear Used	766 - Patent Tong
Sediment Type	8 - sand (sand in hard and firm strata)
Bottom Composition	O - no grass
Depth (m)	1
Tidal Stage	Wind
Water Temperature (°C)	29.8
Salinity (ppt)	16.2
Dissolved Oxygen (mg/L)	3.5
Comments on SAV in or around Proposed Lease location	None
Other Species Collected	
In PNA?	No
In Polluted Area?	No - Approved
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	Between 35 and 40 feet from Cedar Island National Wildlife Refuge

Application Coordinates		Actual Coordinates	
-76.33188333	35.01320000	-76.33186013	35.01313151
-76.33246667	35.01223333	-76.33243847	35.01234218
-76.33530000	35.01386667	-76.33525247	35.01379384
-76.33470000	35.01441667	-76.33460163	35.01440568

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Jessica Emory

Proposed Lease #: 21-058BL/21-059WC

Date: 8/30, 8/31, & 9/2 - 2021

Lease size: 7.47 acres # of Samples: 186

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
161	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
162	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
163	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
164	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
165	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
166	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
167	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
168	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
169	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
170	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
171	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
172	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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174	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
175	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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184	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
185	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
186	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	0	0				
TOTAL BUSHELS PER SPECIES		0	0	0	0	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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-76.33186013	35.01313151
-76.33243847	35.01234218
-76.33525247	35.01379384
-76.33460163	35.01440568



- ▲ Proposed Corner Points
- Proposed Lease Area

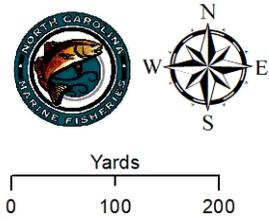
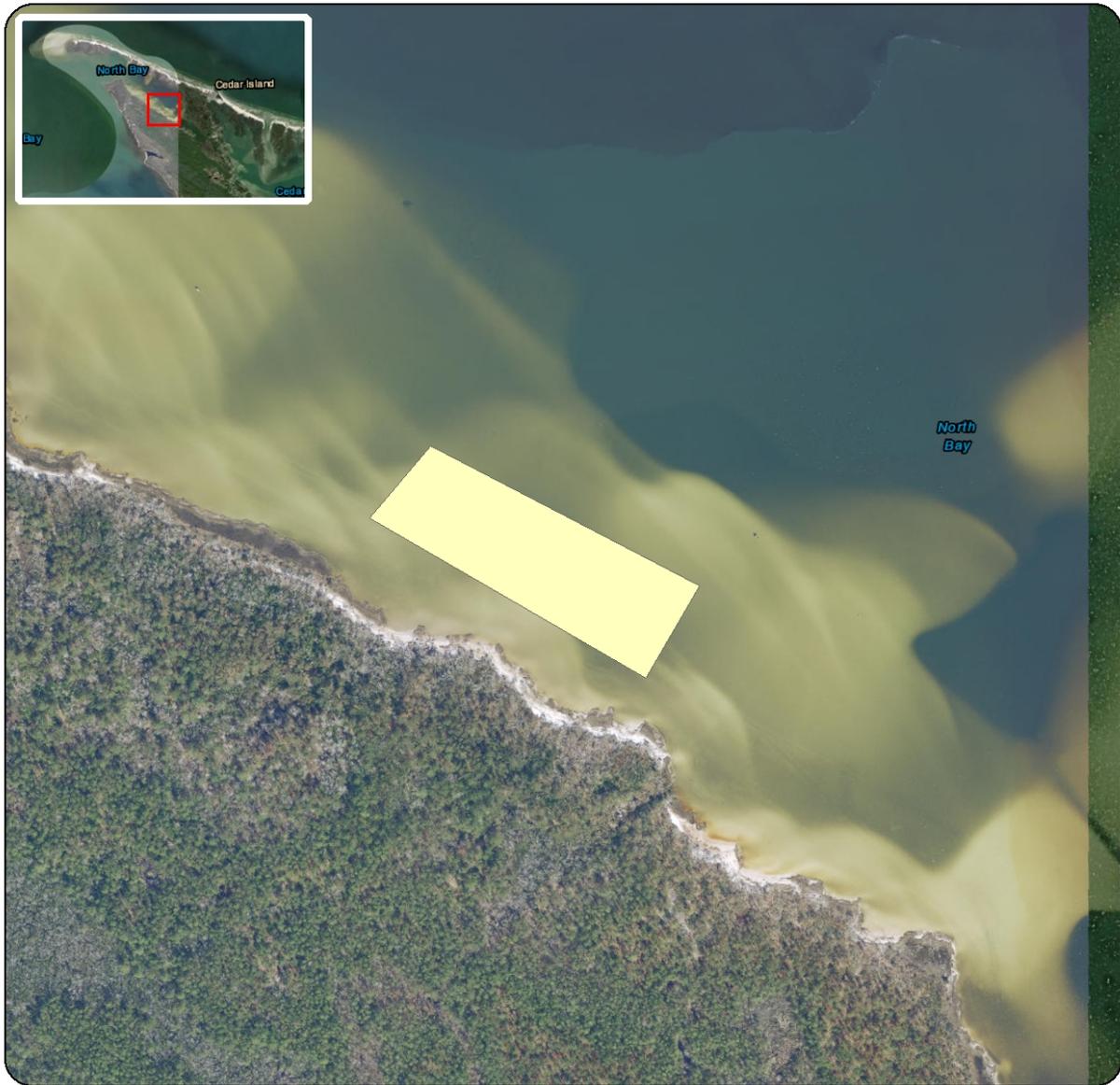
Acreage: 7.47

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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 Proposed Lease Area

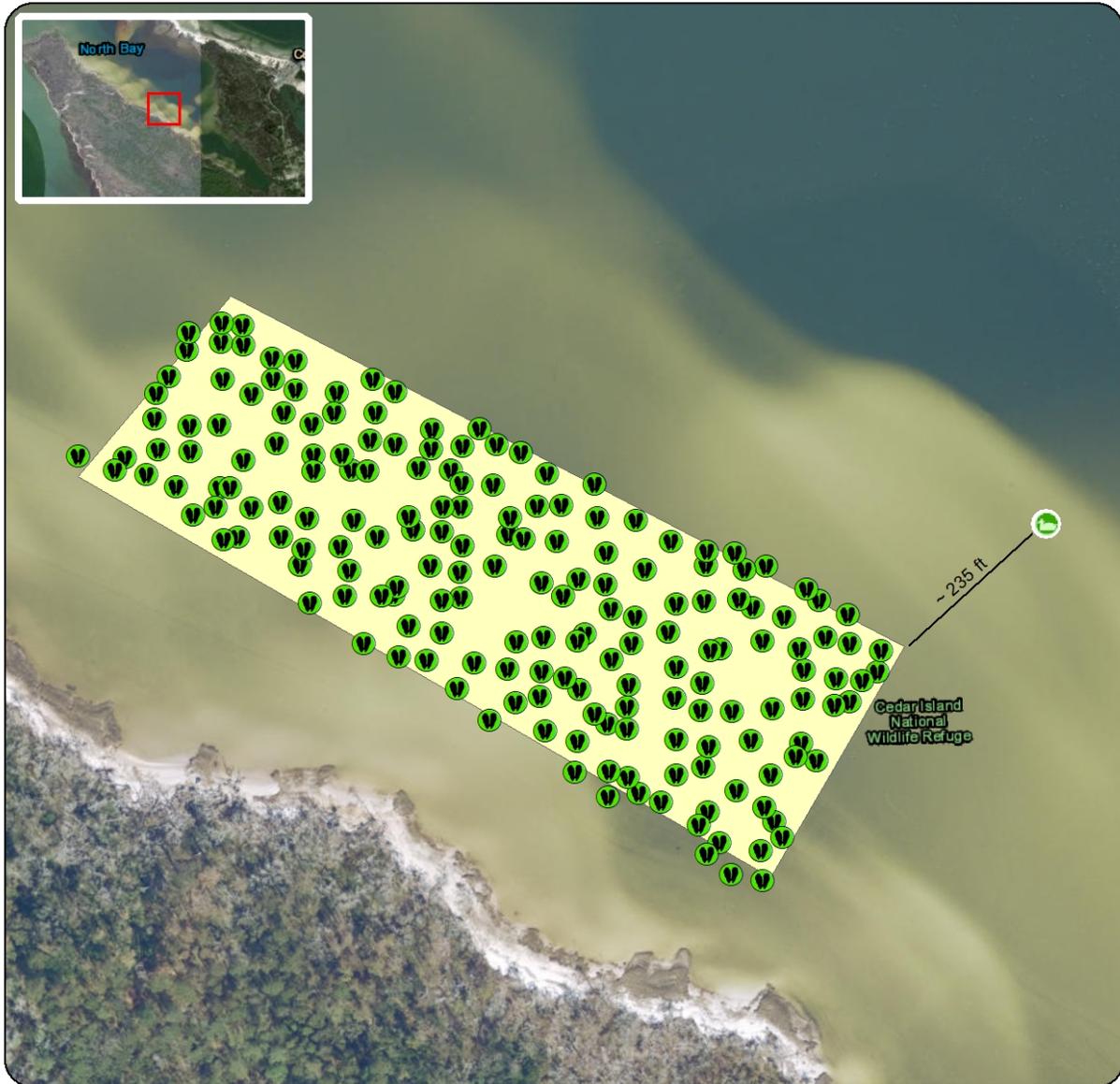
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- No Bivalve Shellfish Present
- Duck Blind
- Proposed Lease Area

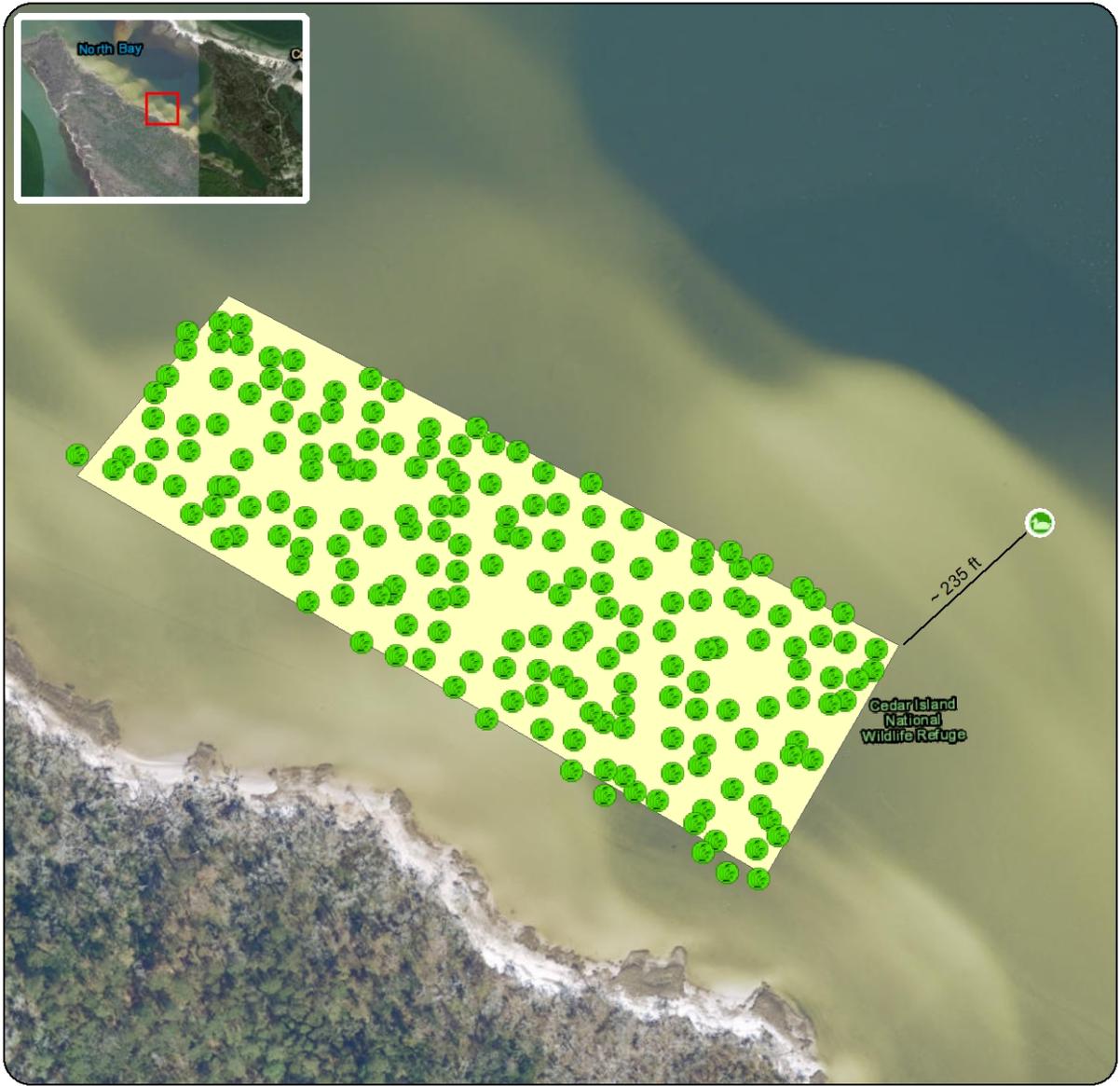
Acreage: 7.47

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 No SAV Present
 Duck Blind
 Proposed Lease Area

Acreage: 7.47

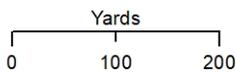
Yards
0 40 80

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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- Proposed Lease Area
- Approved

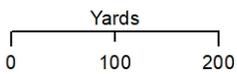
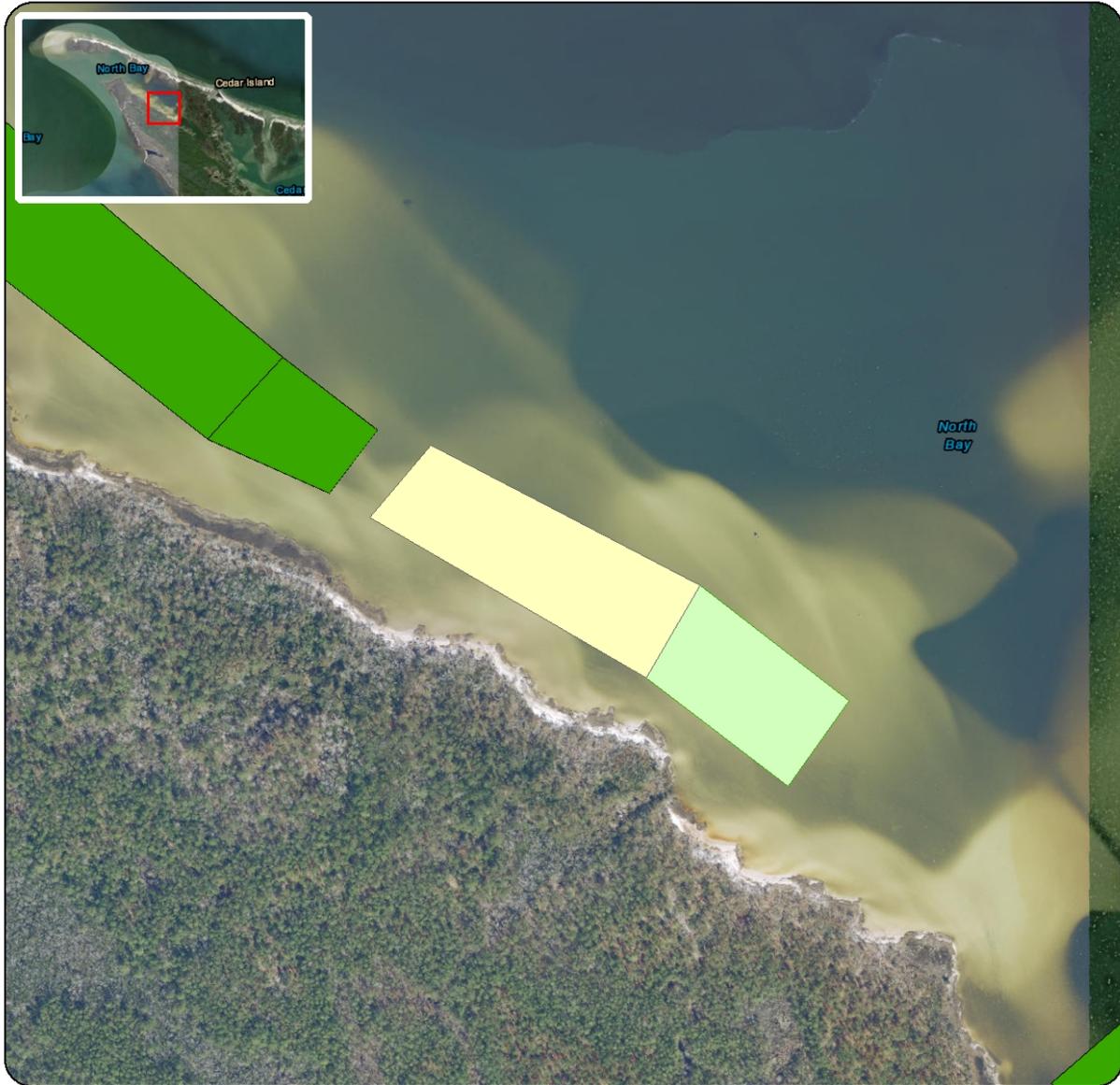
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- Proposed Lease Area
- Lease Type**
- Other Proposed - Water Column
- Other Proposed - Bottom
- Water Column
- Bottom

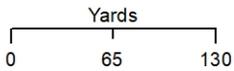
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- USA Federal Lands
- Proposed Lease Area

Acreage: 7.47

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



