

Shellfish Lease Investigation Report	
Investigation Date	8/30, 8/31, & 9/2 - 2021
Applicants name	Jessica Emory
Lease Number	21-056BL/21-057WC
County	Carteret
Waterbody/location	North Bay
Proposed Lease Size (acres)	4.32
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/A. Frost/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	25 feet from USFWS - Cedar Island National Wildlife Refuge

Application Coordinates		Actual Coordinates	
35.01215000	-76.33036667	35.01234917	-76.33244033
35.01145000	-76.33098333	35.01313850	-76.33186200
35.01223333	-76.33246667	35.01210133	-76.33035833
35.01320000	-76.33188333	35.01137667	-76.33101000

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Jessica Emory

Proposed Lease #: 21-056BL/21-057WC

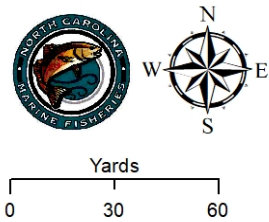
Date: 8/30, 8/31, & 9/2 - 2021



Lease size: 4.32 acres # of Samples: 113

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
80	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
81	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
82	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
83	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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89	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
90	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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99	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
100	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
101	0	0	0	0	8/30, 8/31, & 9/2 - 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
102	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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	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		

Proposed Lease ID/Number: 21-056BL/21-057WC Jessica Emory

Date: 9/7/2021



-  Proposed Corner Points
-  Proposed Lease Area

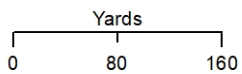
Acreage: 4.32


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 Proposed Lease Area

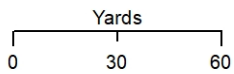
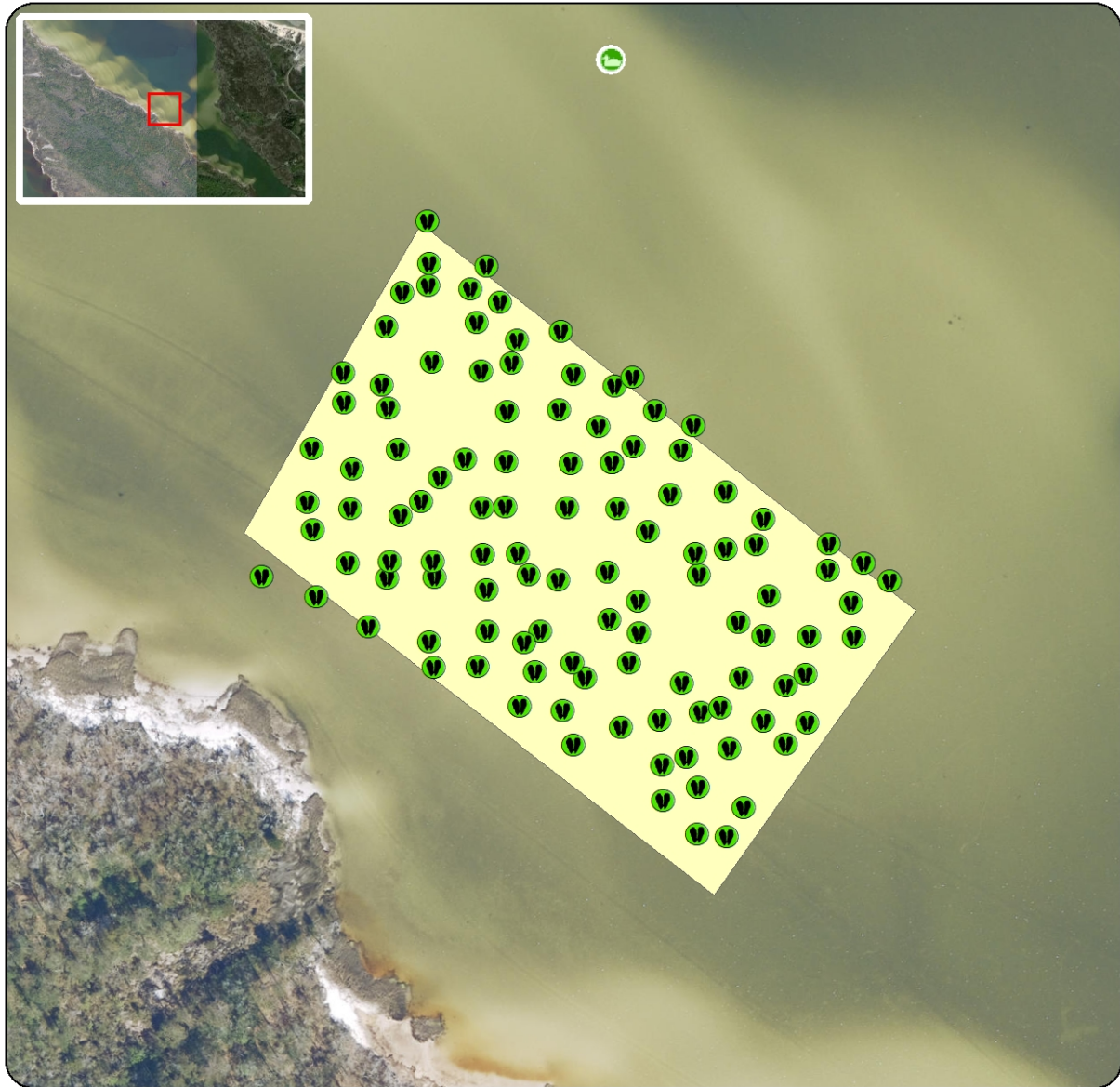
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- No Bivalve Shellfish Present
- Duck Blind
- Proposed Lease Area

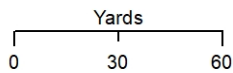
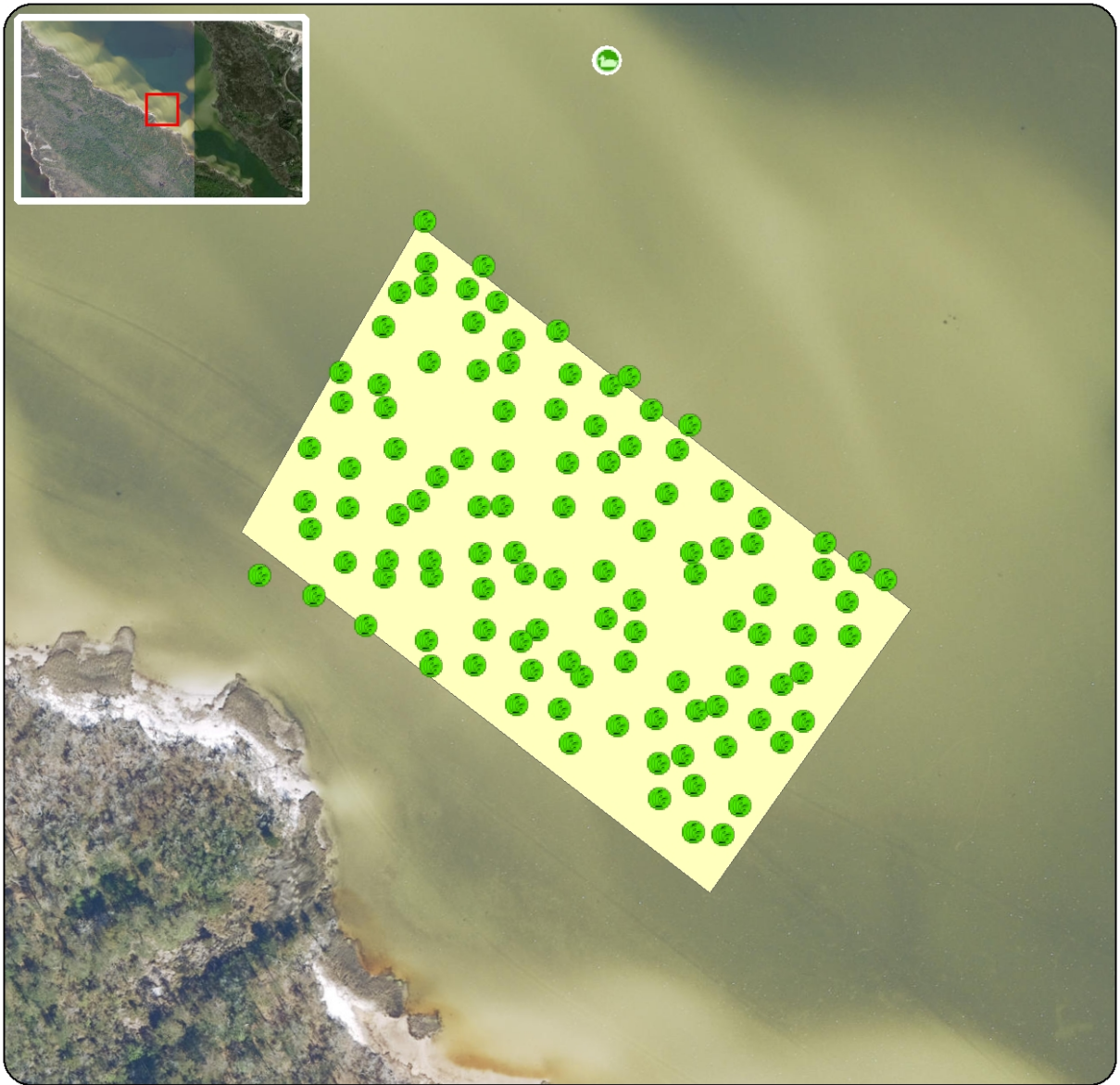
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- No SAV Present
- Duck Blind
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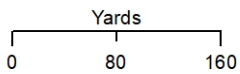
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Proposed Lease Area
Approved

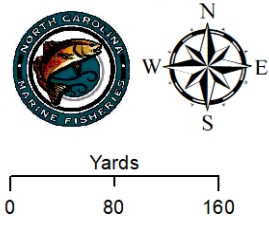
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- Proposed Lease Area
- Lease Type**
- Other Proposed - Water Column
- Other Proposed - Bottom
- Water Column
- Bottom

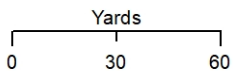
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- USA Federal Lands
- Proposed Lease Area

Acreage: 4.32

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