

Shellfish Lease Investigation Report	
Investigation Date	7/20/21 & 7/21/21
Applicants name	Ghost Fleet Oyster Company, LLC - Thomas Faison and Rachel Faison
Lease Number	21-033BL/21-034WC
County	Onslow
Waterbody/location	New River below 172 bridge
Proposed Lease Size (acres)	4.08
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/S. Tripp
Gear Used	766 - Patent Tong
Sediment Type	8 - sand (sand in hard and firm strata)
Bottom Composition	O - no grass
Depth (m)	1.25
Tidal Stage	Falling
Water Temperature (°C)	27
Salinity (ppt)	30.7
Dissolved Oxygen (mg/L)	3.62
Comments on SAV in or around Proposed Lease location	
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	

Application Coordinates		Modified Coordinates		Actual Coordinates	
34.55916000	-77.34064700	-77.34186652	34.55769128	-77.34184135	34.55767314
34.55772000	-77.34063600	-77.34300352	34.55767827	-77.34301851	34.55763831
34.55770700	-77.34177300	-77.34300954	34.55913627	-77.34300801	34.55905448
34.55916500	-77.34177900	-77.34187755	34.55913128	-77.34188068	34.55906948

Proposed Shellfish Lease Biological Investigation Sampling Data

Ghost Fleet Oyster Company,
Applicant: LLC - Thomas Faison and Rachel
Faison

Proposed Lease #: 21-033BL/21-034WC

Date: 7/20/21 & 7/21/21

Lease size: 4.08 acres # of Samples: 103

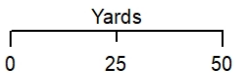
Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
79	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
80	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
81	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
82	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
83	0	0	1	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
84	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
85	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
86	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
87	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
88	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
89	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
90	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
91	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
92	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
93	0	0	1	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
94	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
95	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
96	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
97	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
98	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
99	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
100	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
101	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
102	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
103	0	0	0	0	7/20/21 & 7/21/21	NA	O - no grass	8 - sand (sand in hard and firm strata)
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	1				1%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	17	0				
TOTAL BUSHELS PER SPECIES		0	0.0425	0	1.669878641	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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-77.34184135	34.55767314
-77.34301851	34.55763831
-77.34300801	34.55905448
-77.34188068	34.55906948



- Proposed Corner Points
- Proposed Lease Area

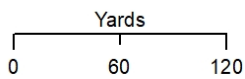
Acreage: 4.08


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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 Proposed Lease Area

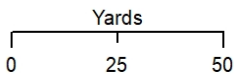
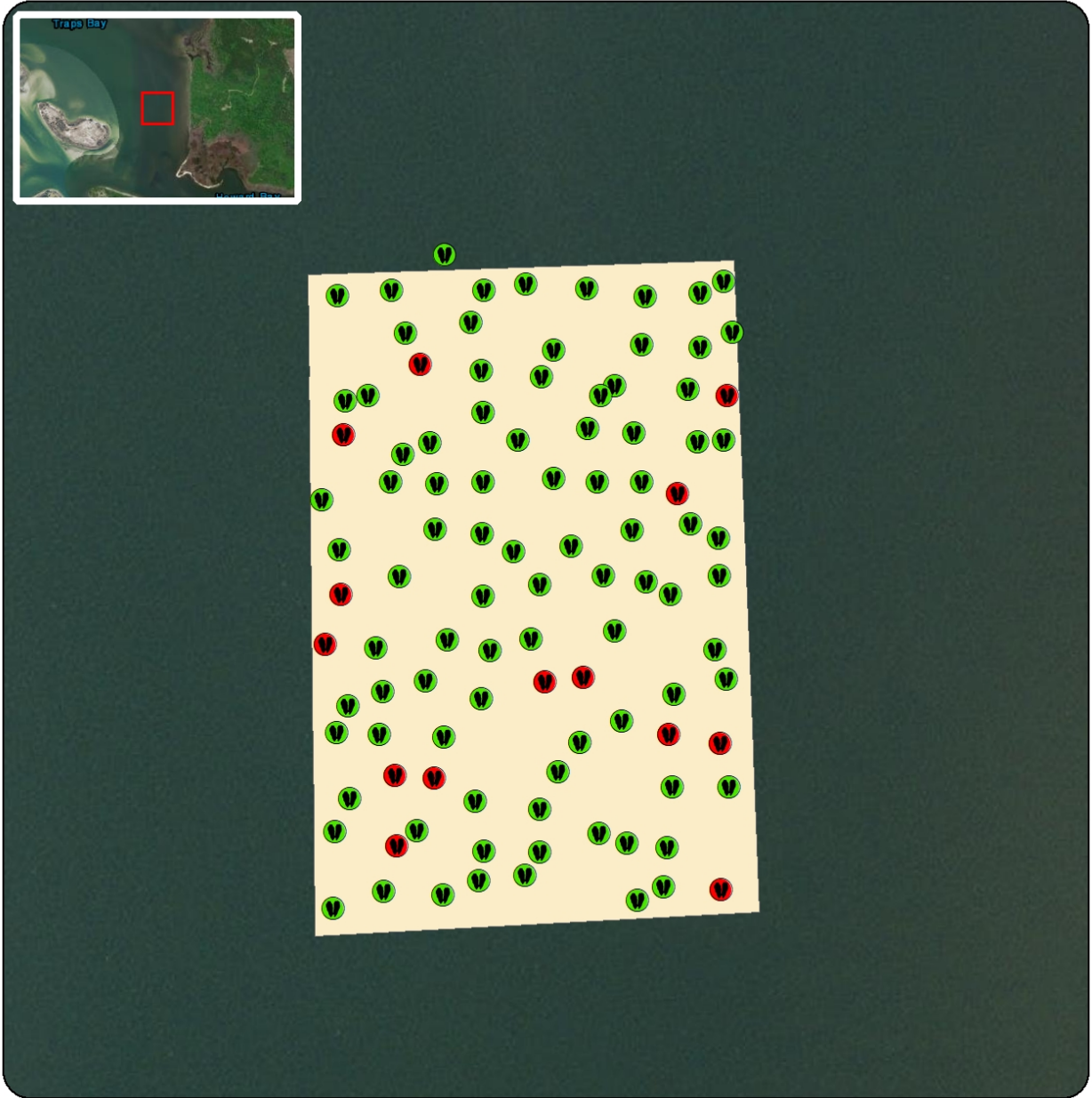
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-  No Bivalve Shellfish Present
-  Bivalve Shellfish Present
-  Proposed Lease Area

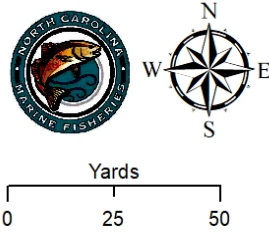
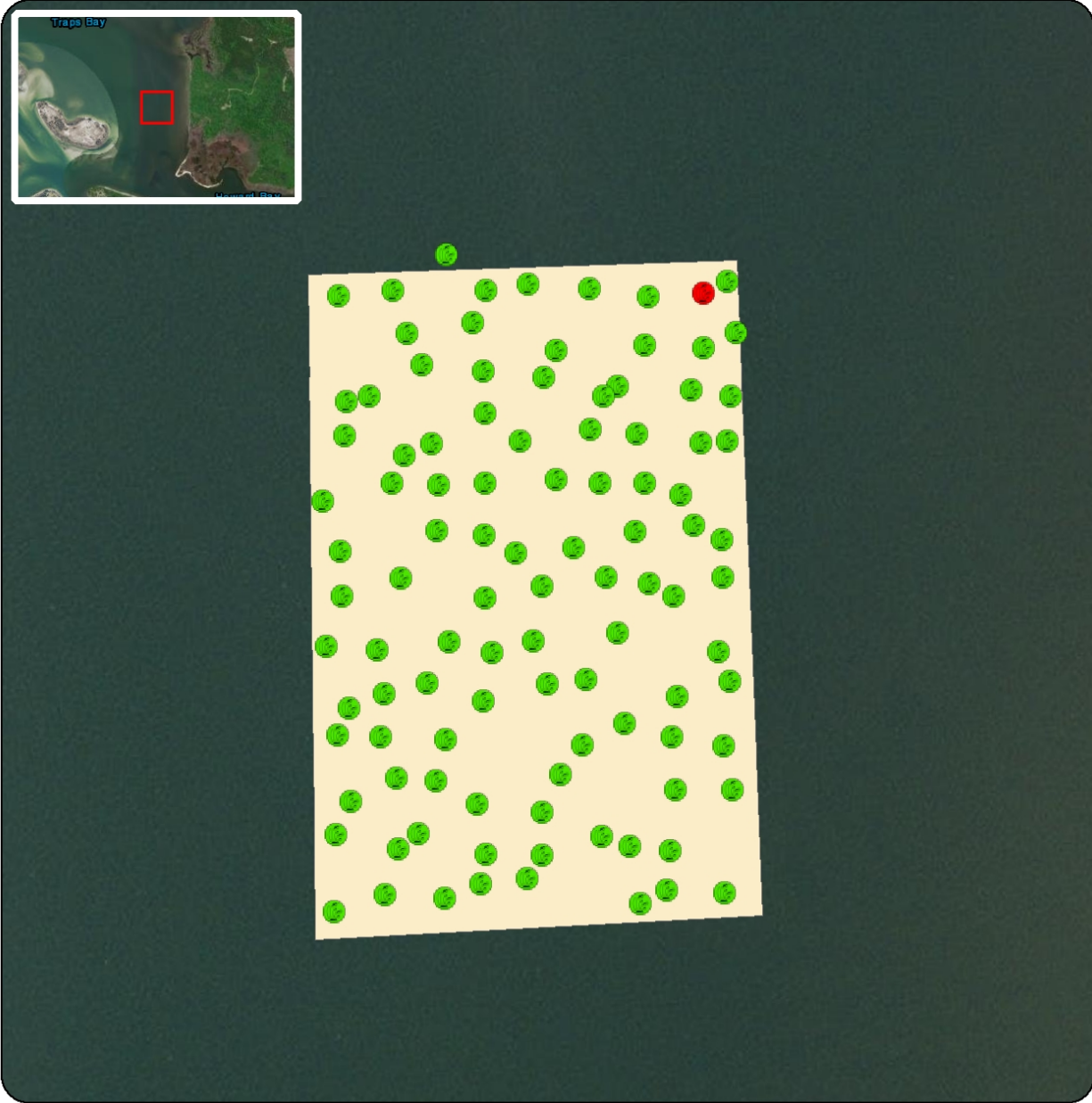
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- No SAV Present
- SAV Present
- Proposed Lease Area

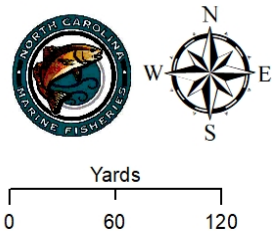
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-  Proposed Lease Area
-  Submerged Aquatic Vegetation

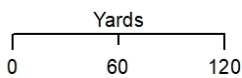
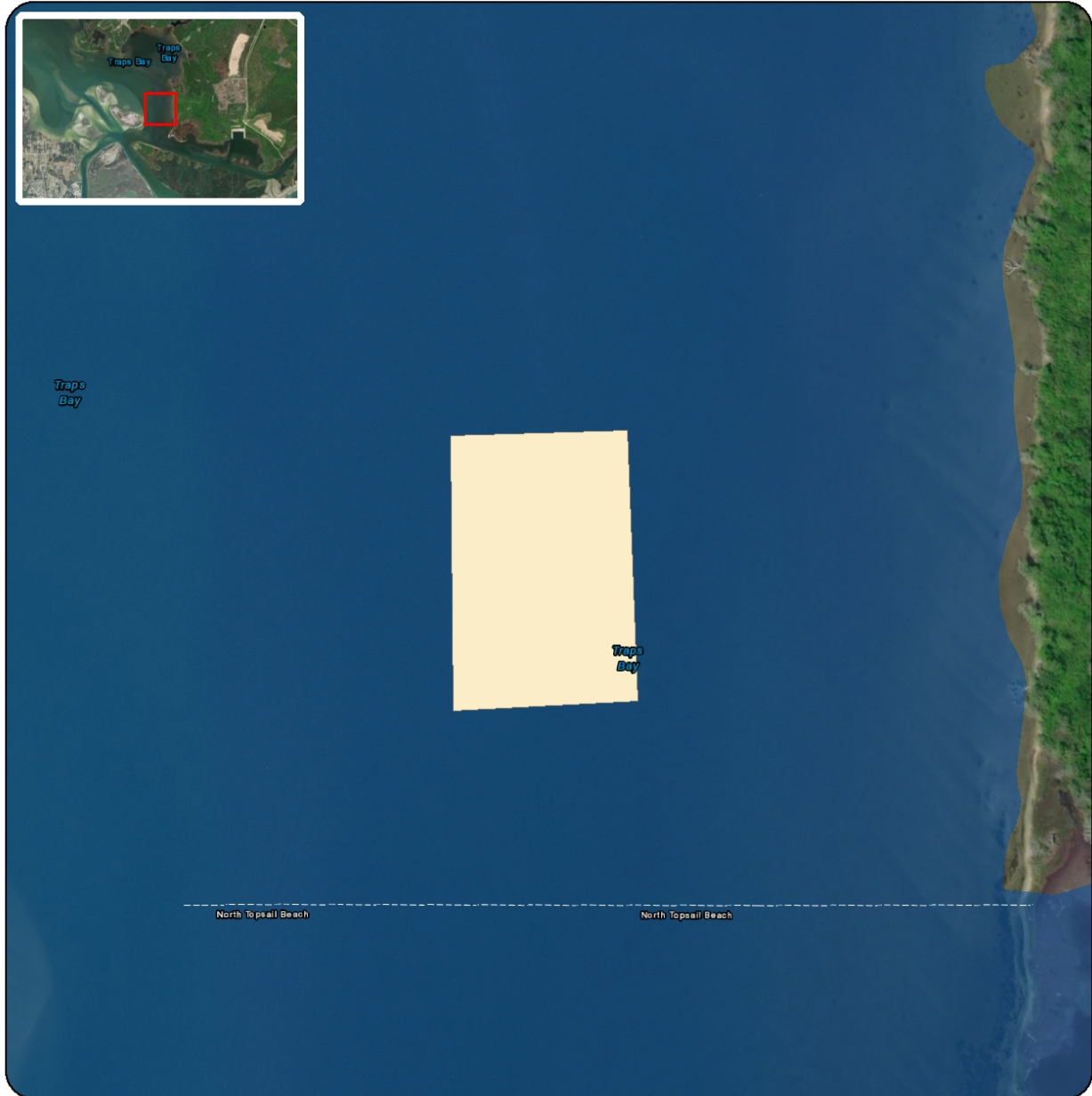
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-  Proposed Lease Area
-  Approved

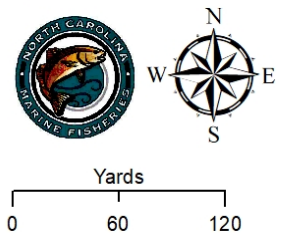
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- Lease Type**
- Proposed - Water Column
 - Proposed - Bottom
 - Water Column
 - Bottom

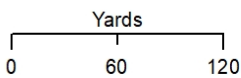
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-  Military Restricted Area
-  Proposed Lease Area

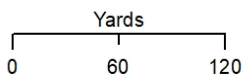
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Proposed Lease Area

Planting Sites (Year)

- 2008
- 2010

Acreage: 4.08

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