

Shellfish Lease Investigation Report	
Investigation Date	June 13, 14, 16, & 20, 2022
Applicants name	Thomas Cannon
Lease Number	22-021BL
County	Onslow
Waterbody/location	Mainland Areas (Topsail Sound)
Proposed Lease Size (acres)	9.02
Lease Type	Bottom
Investigation Team	A. Frost/R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	6 - muddy sand
Bottom Composition	O - no grass
Depth (m)	1
Tidal Stage	High
Water Temperature (°C)	27.2
Salinity (ppt)	32.3
Dissolved Oxygen (mg/L)	5.5
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	Yes
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	No
Other Comments	

Application Coordinates		Actual Coordinates	
-77.53008	34.45393	-77.52727	34.45448401
-77.52864	34.45534	-77.52877	34.45273384
-77.52729	34.45433	-77.53007	34.45392834
-77.52877	34.45274	-77.52865	34.45532217

Proposed Shellfish Lease Biological Investigation Sampling Data

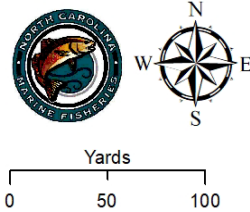
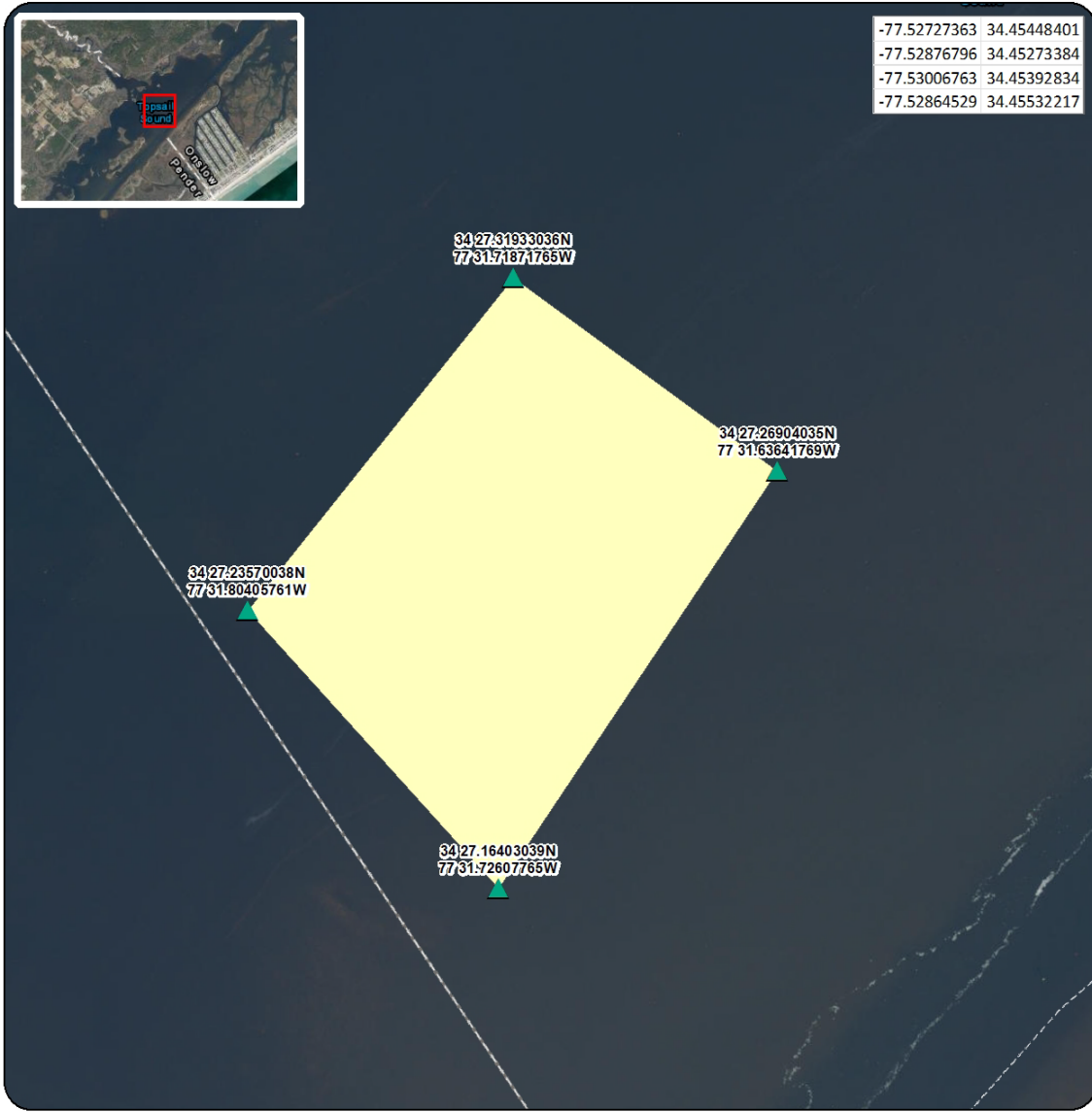
Applicant: **Thomas Cannon** Proposed Lease #: **22-021BL** Date: **June 13, 14, 16, & 20, 2022**

Lease size: **9.02** acres # of Samples: **228**

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
TOTAL OF EACH SPECIES		0	23	0				
TOTAL BUSHELS PER SPECIES		0	0.0575	0	1.020625	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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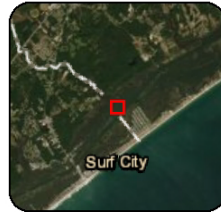
Date: 6/27/2022



- ▲ Proposed Corner Points
- Proposed Lease Area

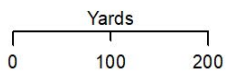
Acreage: 9.02


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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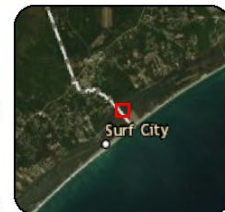
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 Proposed Lease Area

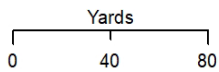
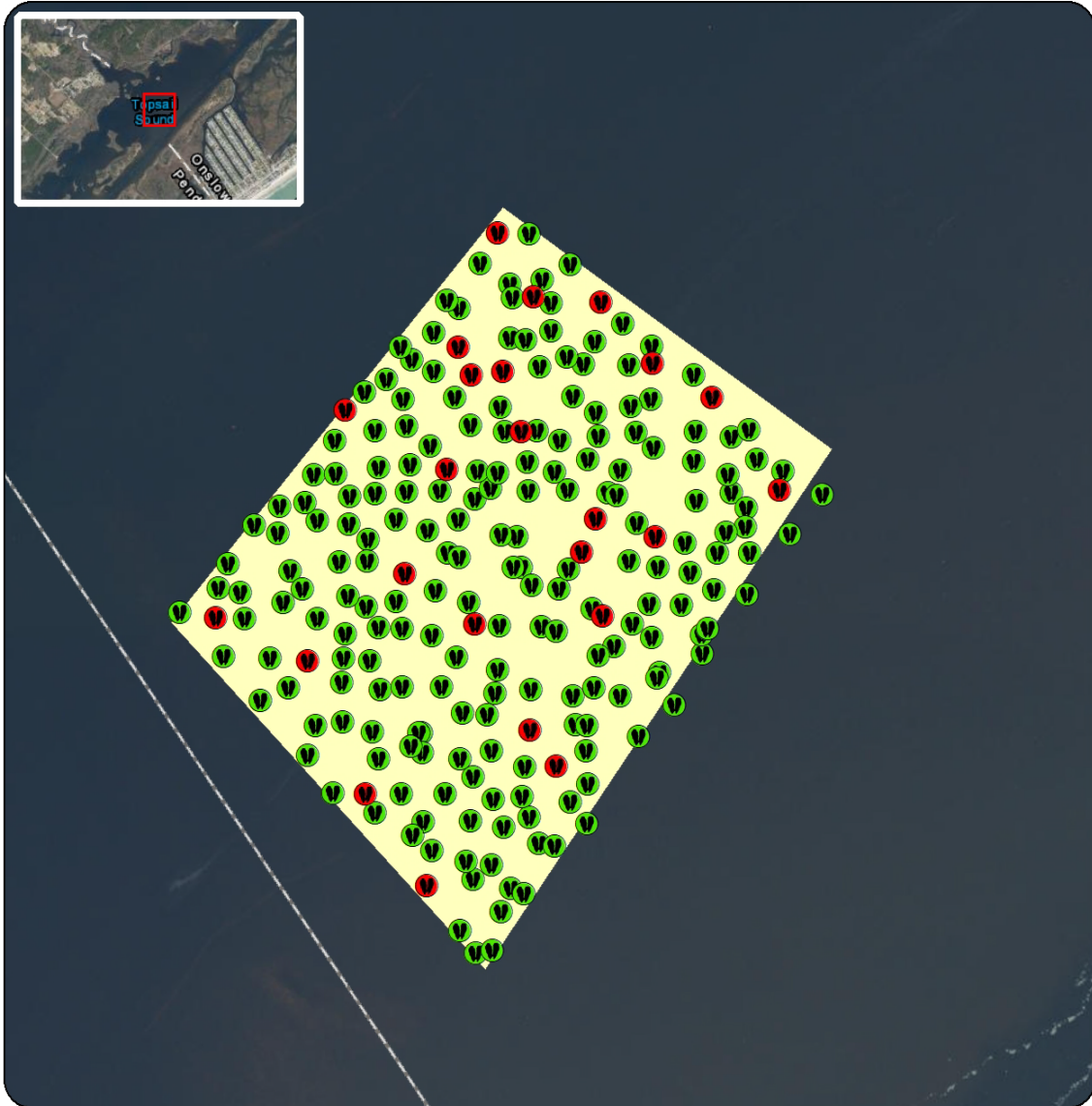
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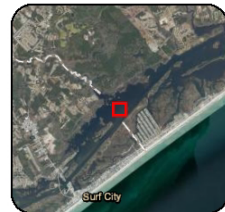
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-  No Bivalve Shellfish Present
-  Bivalve Shellfish Present
-  Proposed Lease Area

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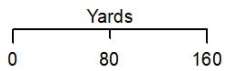
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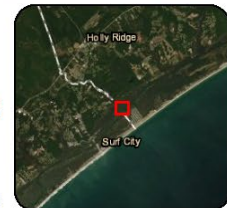
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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

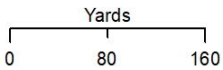
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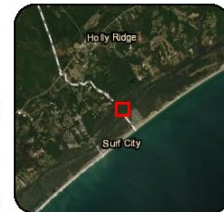
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- Proposed Lease Area
- Conditionally Approved - Open
- Conditionally Approved - Closed

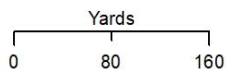
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Proposed Lease Area

Lease Type

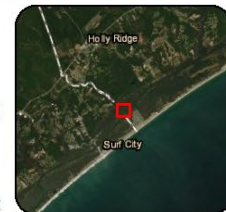
Other Proposed Bottom

Bottom

Terminated

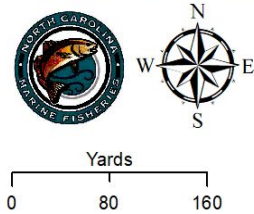
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

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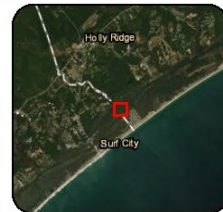
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-  Proposed Lease Area
-  Mechanical Clam Harvest Areas

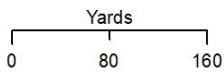
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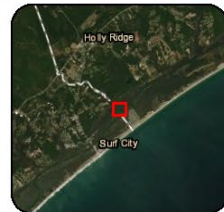
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- Proposed Lease Area
- Federal Navigation Channel

Acreage: 9.02

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