

Shellfish Lease Investigation Report	
Investigation Date	8/19/2021
Applicants name	Micah Williams and Jack Williams
Lease Number	21-027BL/21-028WC
County	Carteret
Waterbody/location	Newport River
Proposed Lease Size (acres)	5.62
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)	1.25
Tidal Stage	Falling
Water Temperature (°C)	29
Salinity (ppt)	31.2
Dissolved Oxygen (mg/L)	3.41
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	No
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	Partially
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Modified Coordinates		Actual Coordinates	
34.75600000	-76.66500000	34.75488314	-76.66433025	34.75489833	-76.66435450
34.75500000	-76.66500000	34.75415445	-76.66622752	34.75415150	-76.66625633
34.75400000	-76.66600000	34.75500000	-76.66700000	34.75487967	-76.66696450
34.75500000	-76.66700000	34.75590171	-76.66519658	34.75587533	-76.66515733

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Micah Williams and Jack Williams** Proposed Lease #: **21-027BL/21-028WC** Date: **8/19/2021**

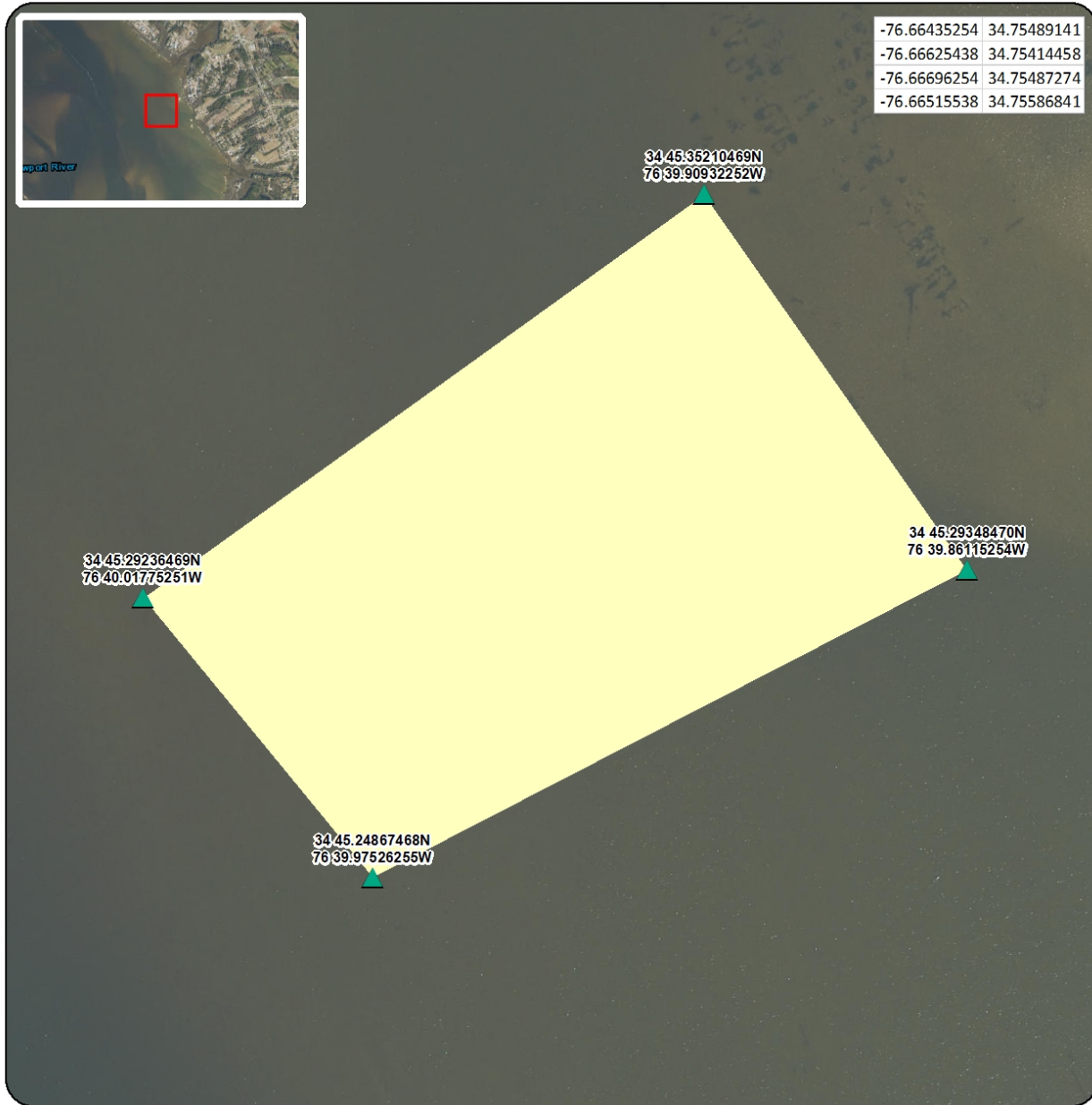
Lease size: **5.62** acres # of Samples: **149**

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	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
81	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
82	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
83	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
84	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
85	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
86	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
87	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
88	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
89	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
90	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
91	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
92	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
93	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
94	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
95	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
96	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
97	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
98	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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134	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
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148	0	0	0	0	8/19/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
149	0	0	0	0	8/19/2021	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	2	0				
TOTAL BUSHELS PER SPECIES		0	0.005	0	0.135805369	TOTAL BUSHELS OF SHELLFISH PER ACRE		

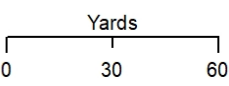
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Date: 8/20/2021



-76.66435254	34.75489141
-76.66625438	34.75414458
-76.66696254	34.75487274
-76.66515538	34.75586841



- Proposed Corner Point
- Proposed Lease Area

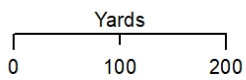
Acreage: 5.62


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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 Proposed Lease Area

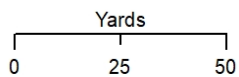
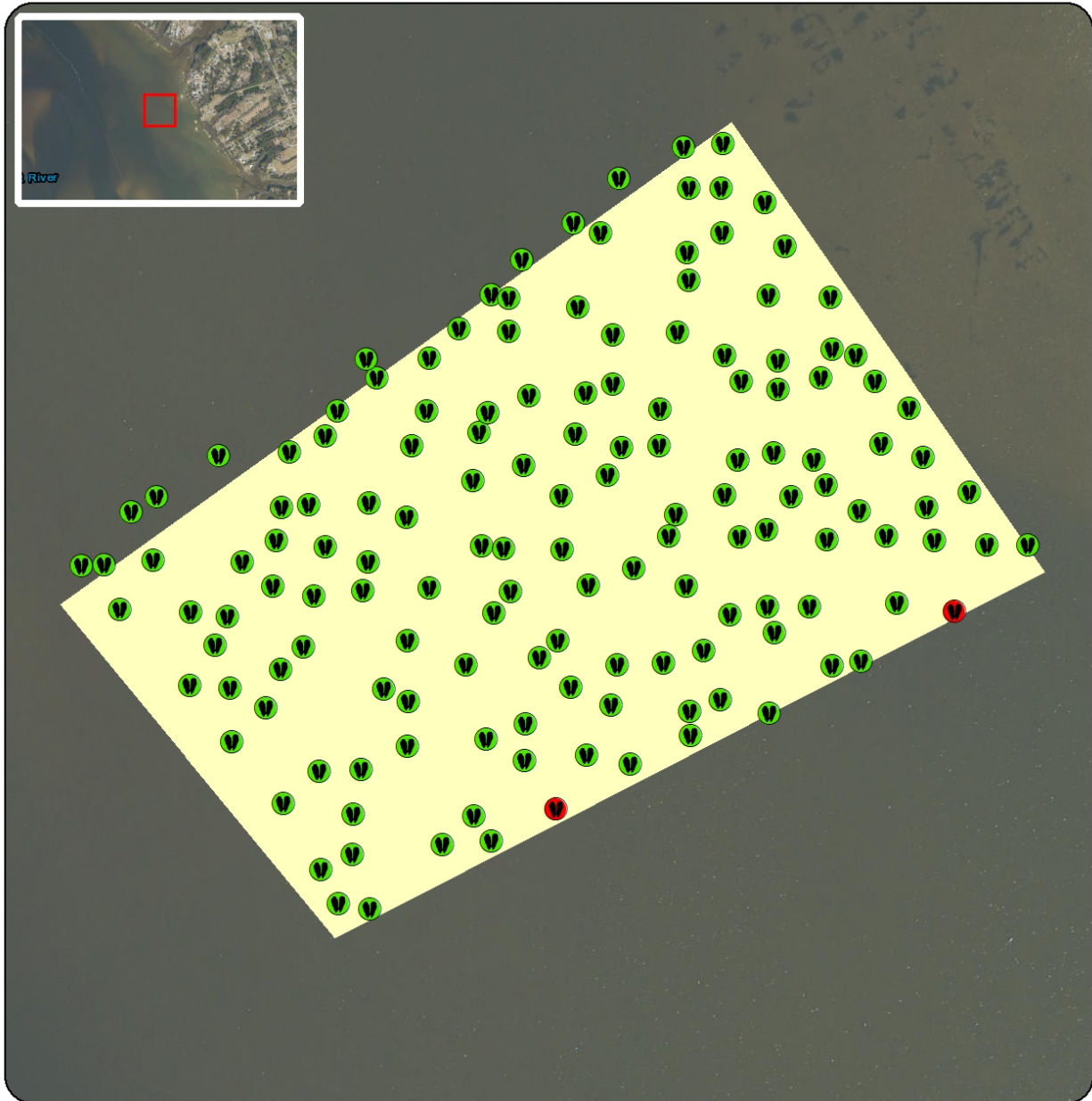
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- No Bivalve Shellfish Present
- Bivalve Shellfish Present
- Proposed Lease Area

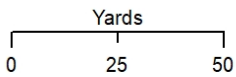
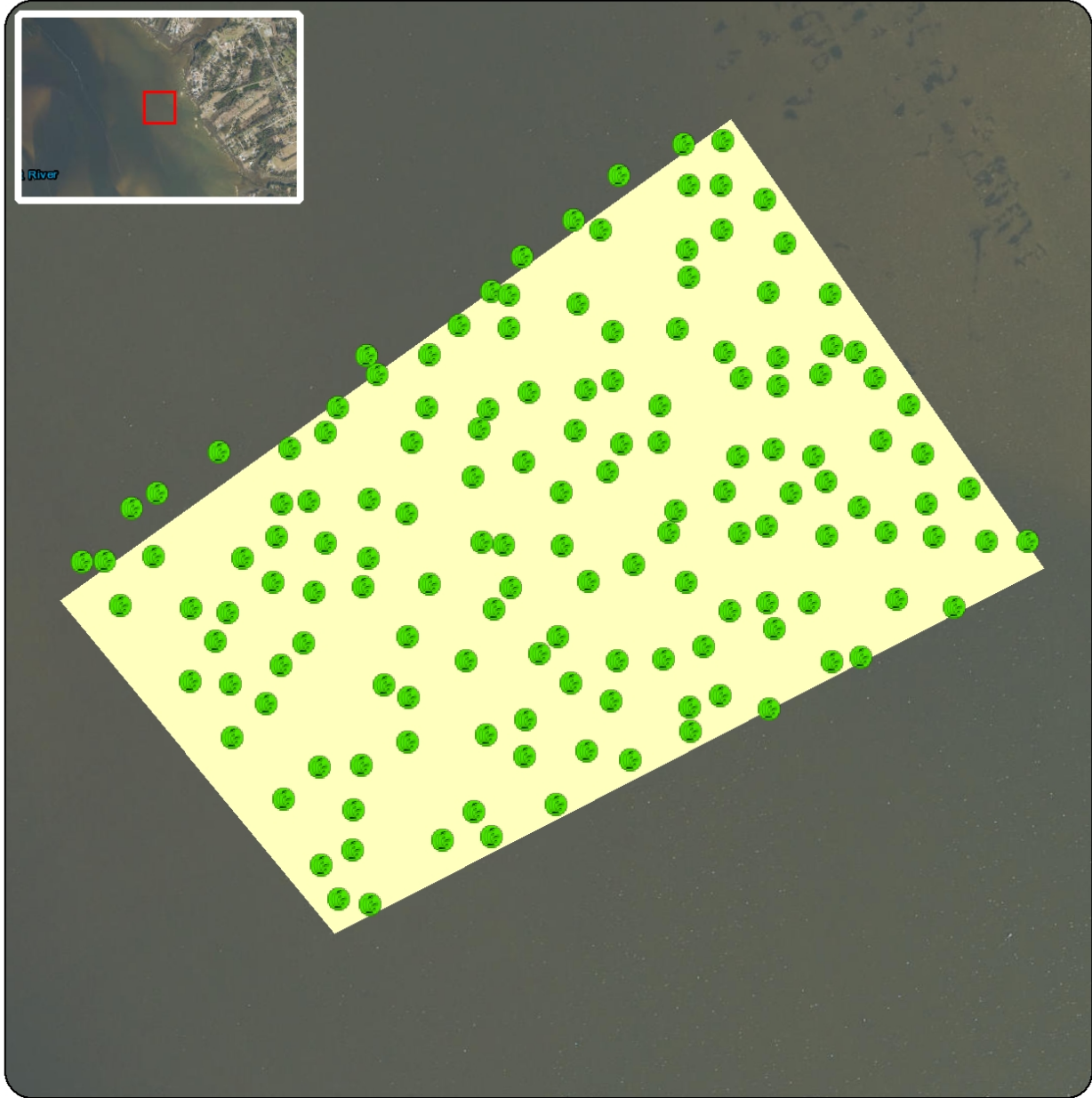
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- No SAV Present
- Proposed Lease Area

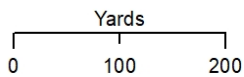
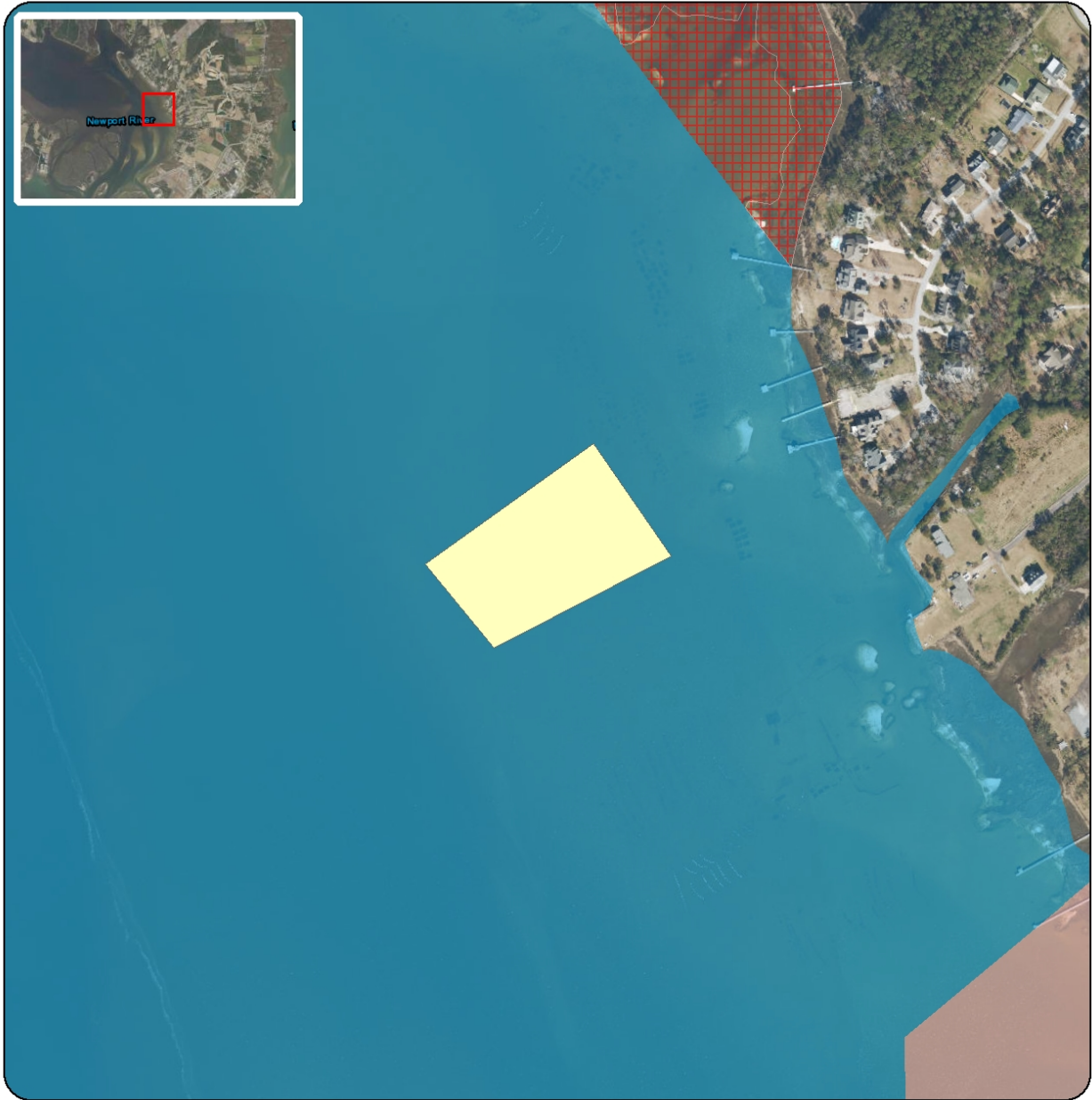
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- Proposed Lease Area
- Conditionally Approved - Open
- Conditionally Approved - Closed
- Restricted

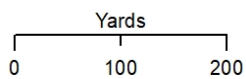
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Lease Type

-  Proposed - Water Column
-  Proposed - Bottom
-  Water Column
-  Bottom
-  Terminated

Acreage: 5.62

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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