

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	5/17 & 5/18, 2021
<b>Applicants name</b>	Shepard's Point Oyster Company, LLC - Phillip Lannan
<b>Lease Number</b>	21-025BL
<b>County</b>	Carteret
<b>Waterbody/location</b>	Newport River
<b>Proposed Lease Size (acres)</b>	2.39
<b>Lease Type</b>	Bottom
<b>Investigation Team</b>	S. Tripp/A. Wells
<b>Gear Used</b>	935 - Hand Sampling
<b>Sediment Type</b>	8 - sand (sand in hard and firm strata)
<b>Bottom Composition</b>	O - no grass
<b>Depth (m)</b>	0.5
<b>Tidal Stage</b>	Low
<b>Water Temperature (°C)</b>	4.8
<b>Salinity (ppt)</b>	26.3
<b>Dissolved Oxygen (mg/L)</b>	19.9
<b>Comments on SAV in or around Proposed Lease location</b>	
<b>Other Species Collected</b>	
<b>In PNA?</b>	No
<b>In Polluted Area?</b>	No - Conditionally Approved Open
<b>In Mechanical Clam Harvest Area?</b>	Yes
<b>In Mechanical Methods Prohibited Area</b>	Yes
<b>Other Comments</b>	Shares northern two poles with Crystal Coast Oysters, LLC - J. Kyle Frey

Application Coordinates		Modified Coordinates		Actual Coordinates	
34.74496500	-76.66679700	34.74361728	-76.66682125	<b><i>34.74493217</i></b>	<b><i>-76.66677683</i></b>
34.74352000	-76.66682300	34.74360624	-76.66745881	<b><i>34.74490483</i></b>	<b><i>-76.66760967</i></b>
34.74355200	-76.66745200	34.74488900	-76.66762000	34.74362400	-76.66682250
34.74488900	-76.66762000	34.74496500	-76.66679700	34.74364333	-76.66747233

***Bold Italics*** = shared poles

**Proposed Shellfish Lease Biological Investigation Sampling Data**

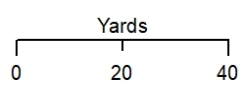
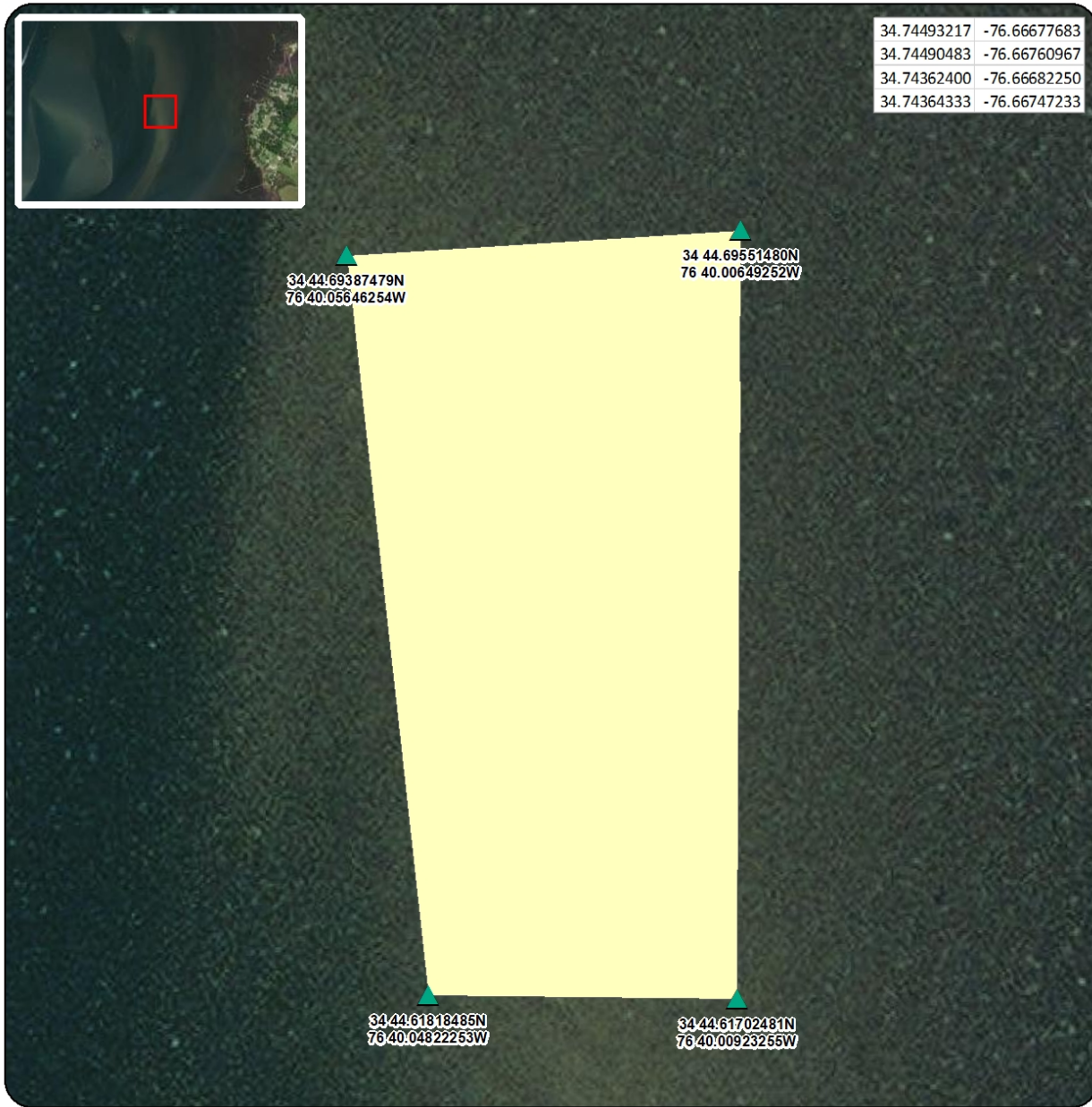
Applicant: **Shepard's Point Oyster Company, LLC - Phillip Lannan**      Proposed Lease #: **21-025BL**      Date: **5/17 & 5/18, 2021**

Lease size: **2.39** acres      # of Samples: **61**

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
1	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
2	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
3	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
4	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
5	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
6	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
7	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
8	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
9	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
10	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
11	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
12	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
13	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
14	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
15	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
16	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
17	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
18	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
19	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
20	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
21	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
22	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
23	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
24	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
25	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
26	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
27	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
28	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
29	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
30	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
31	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
32	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
33	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
34	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
35	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
36	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
37	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
38	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
39	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
40	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
41	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
42	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
43	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
44	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
45	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
46	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
47	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
48	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
49	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
50	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
51	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
52	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
53	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
54	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
55	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
56	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
57	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
58	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
59	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
60	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
61	0	0	0	0	5/17 & 5/18, 2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
	<b>SAV</b>	<b>Oysters (Eastern Oyster)</b>	<b>Clams (Quahogs)</b>	<b>Scallops</b>				
	<b>0</b>				<b>0%</b>	<b>OF SAMPLES CONTAINED SAV</b>		
	<b>TOTAL OF EACH SPECIES</b>	<b>0</b>	<b>0</b>	<b>0</b>				
	<b>TOTAL BUSHELS PER SPECIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b>		

# Proposed Lease ID/Number: 21-025BL Shepard's Point Oyster Company, LLC - Phillip Lannan

Date: 5/21/2021



- ▲ Proposed Corner Points
- Proposed Lease Area

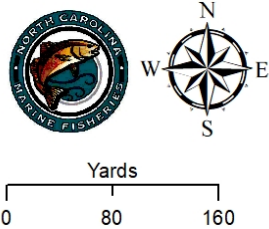
**Acreage: 2.39**


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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 Proposed Lease Area

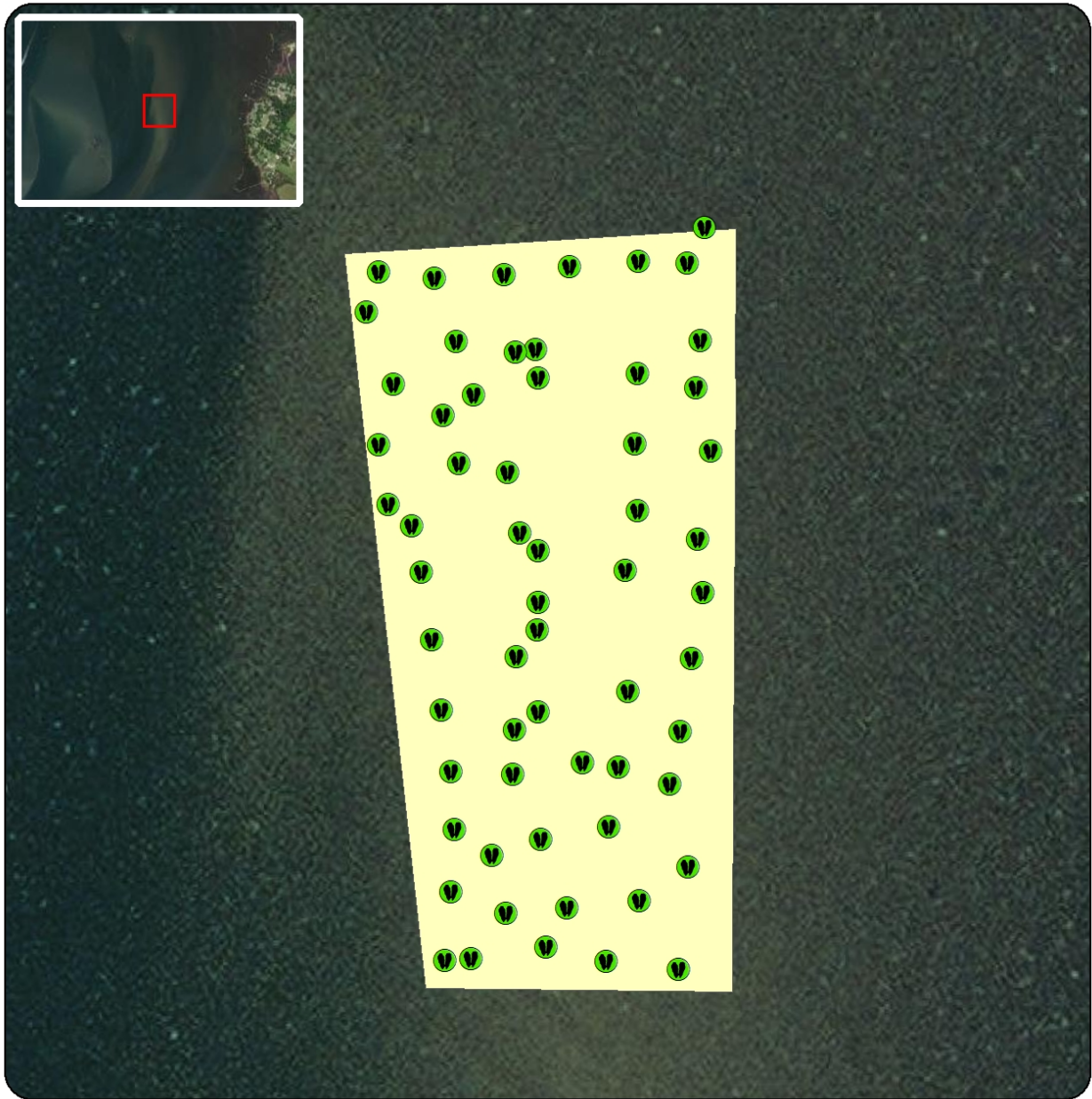
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- No Bivalve Shellfish Present
- Proposed Lease Area

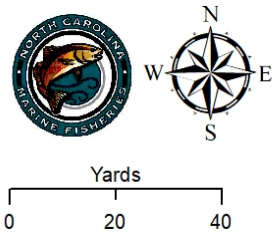
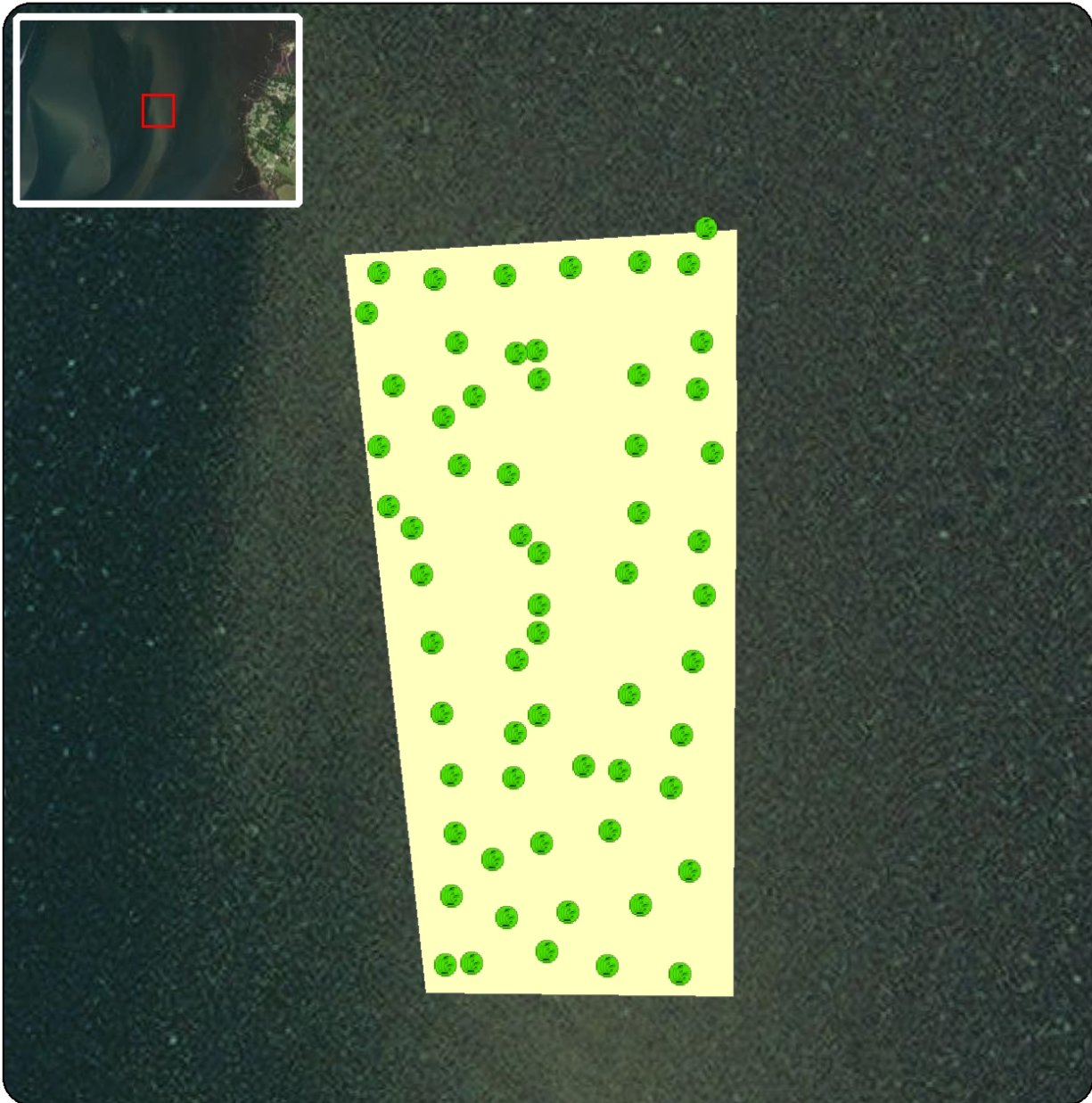
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● No SAV Present  
■ Proposed Lease Area

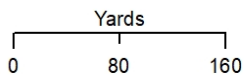
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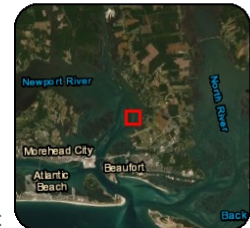
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- Proposed Lease Area
  - Conditionally Approved - Open
- Acreage: 2.39**

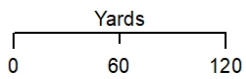
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- Proposed Lease Area
- Lease Type**
- Other Proposed Bottom
- Bottom

**Acreage: 2.39**

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet

