

Shellfish Lease Investigation Report	
Investigation Date	8/15/2022
Applicants name	Mary Ellen Allen
Lease Number	22-054BL/22-055WC
County	Hyde
Waterbody/location	Back Creek
Proposed Lease Size (acres)	2.05
Lease Type	Bottom/Water Column
Investigation Team	A. Frost/R. Farnell
Gear Used	766 - Patent Tongs
Sediment Type	6 - muddy sand
Bottom Composition	O - no grass
Depth (m)	1
Tidal Stage	High
Water Temperature (°C)	26.3
Salinity (ppt)	23.9
Dissolved Oxygen (mg/L)	6.6
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	No
Other Comments	Reverified pole locations 10/18/2022

Application Coordinates		Modified Coordinates		Actual Coordinates	
35.45904100	-76.00124410	35.45975000	-76.00060000	35.45914557	-76.00000988
35.45922610	-76.00010830	35.45913300	-76.00000000	35.45898624	-76.00132355
35.45918830	-76.00002140	35.45898300	-76.00125000	35.45967690	-76.00174338
35.46696850	-76.09619900	35.45965900	-76.00174200	35.45972473	-76.00063788

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Mary Ellen Allen

Proposed Lease #: 22-054BL/22-055WC

Date: 8/15/2022

Lease size: 2.05 acres # of Samples: 52

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	8/15/2022	NA	O - no grass	6 - muddy sand
2	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
3	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
4	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
5	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
6	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
7	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
8	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
9	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
10	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
11	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
12	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
13	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
14	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
15	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
16	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
17	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
18	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
19	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
20	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
21	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
22	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
23	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
24	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
25	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
26	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
27	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
28	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
29	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
30	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
31	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
32	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
33	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
34	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
35	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
36	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
37	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
38	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
39	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
40	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
41	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
42	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
43	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
44	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
45	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
46	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
47	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
48	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
49	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
50	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
51	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
52	0	0	0	0	8/15/2022	NA	O - no grass	6 - muddy sand
	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		

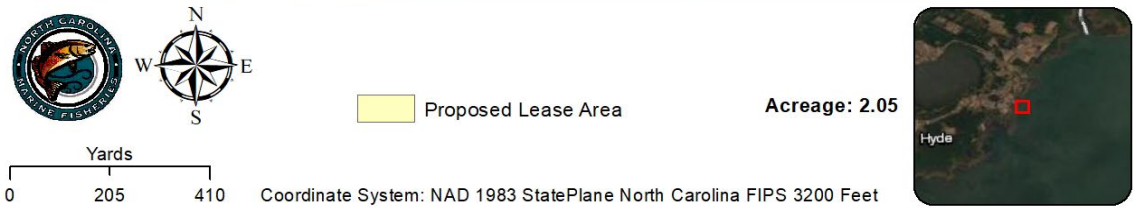
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Mary Ellen Allen

Date: 10/18/2022



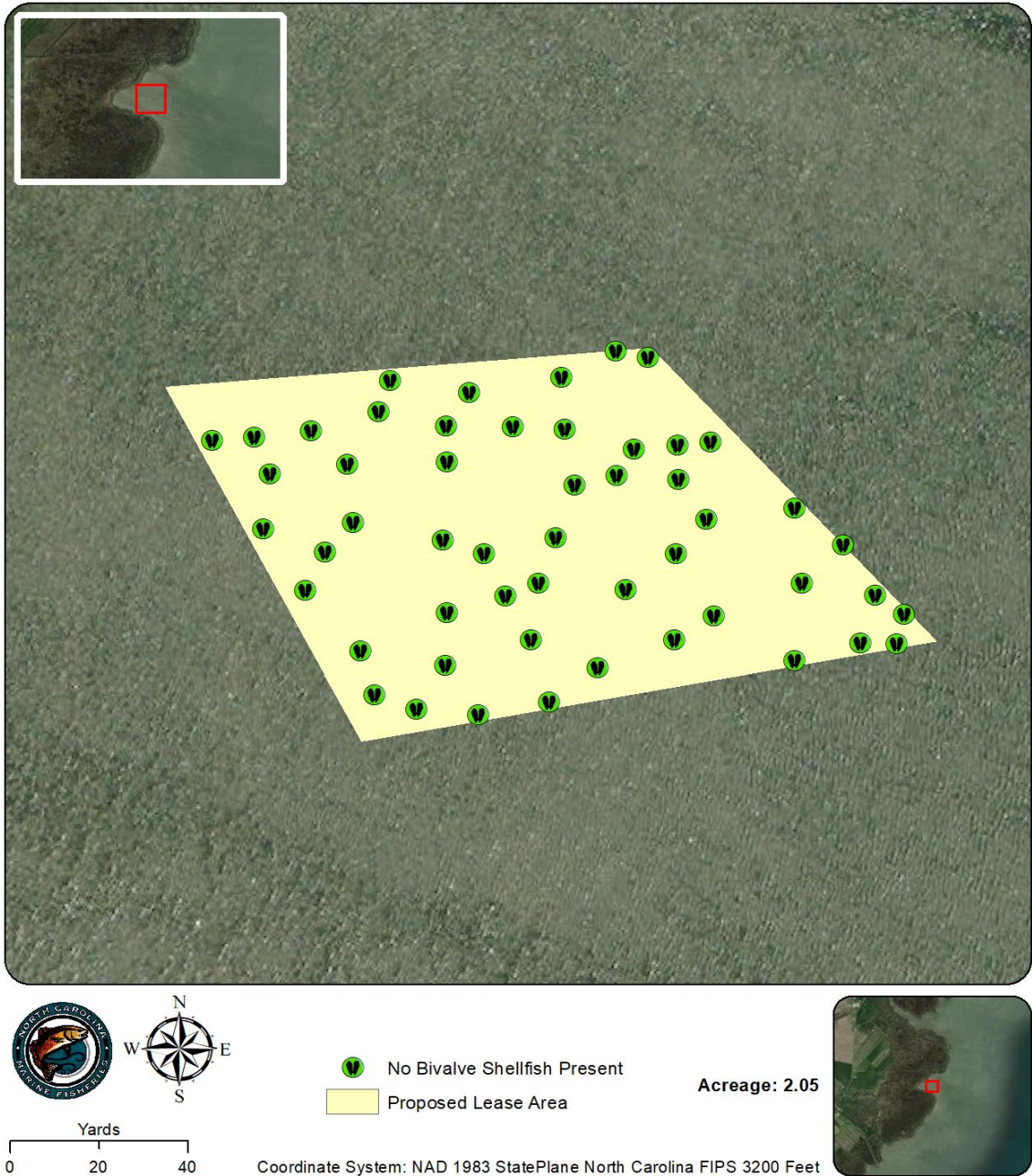
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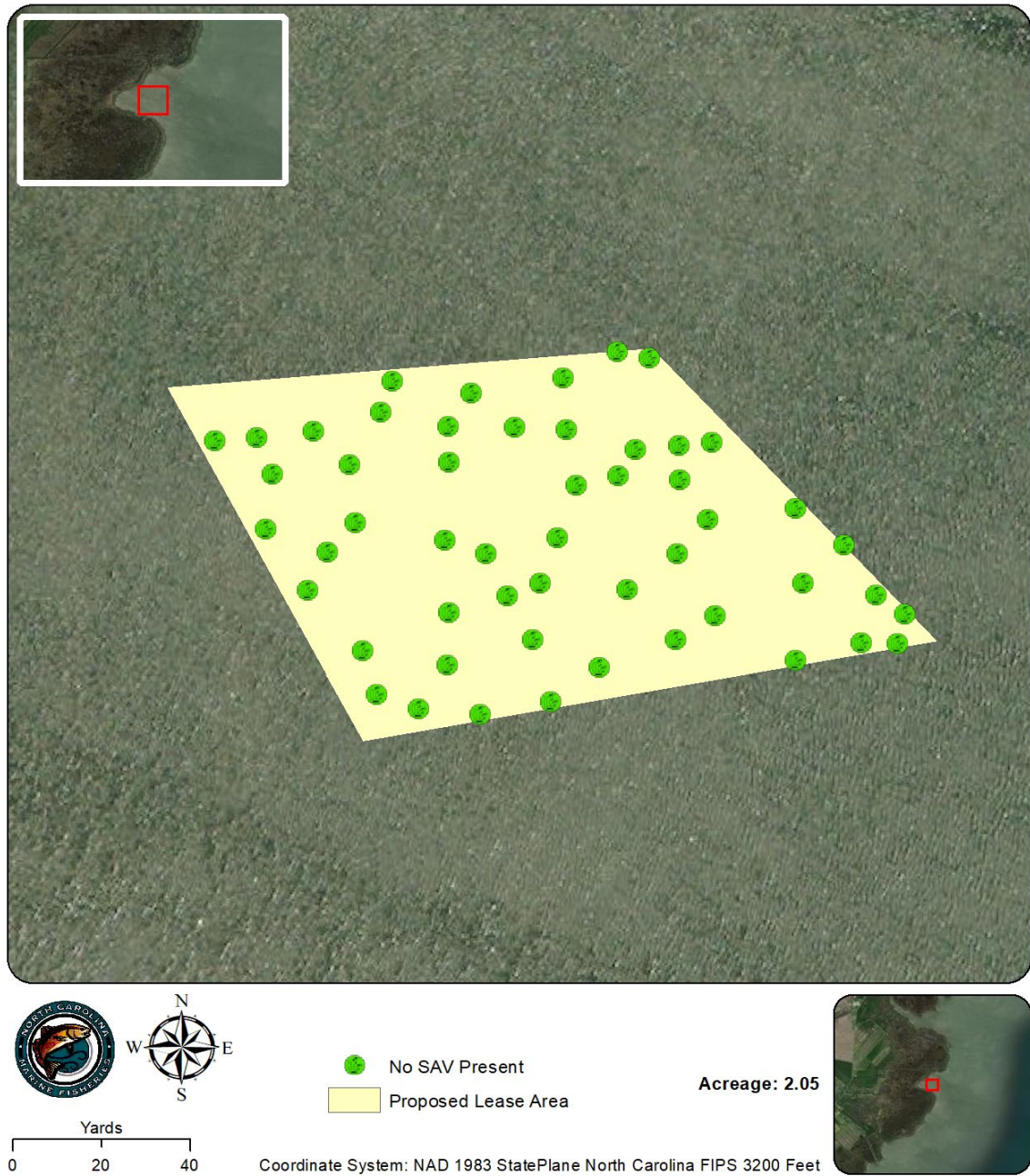
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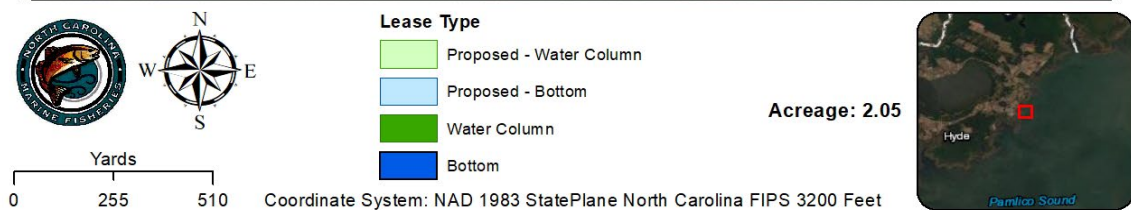
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