

Shellfish Lease Investigation Report	
Investigation Date	6/1/2022
Applicants name	Ryan Bell
Lease Number	22-017BL/22-018WC
County	Hyde
Waterbody/location	Unnamed Northern Tributary
Proposed Lease Size (acres)	0.78
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/A. Frost/R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	1 - hard sand
Bottom Composition	O - no grass
Depth (m)	1
Tidal Stage	Wind
Water Temperature (°C)	27.5
Salinity (ppt)	18.7
Dissolved Oxygen (mg/L)	6.5
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	Yes
In Polluted Area?	No
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Actual Coordinates	
-76.30607200	35.37130300	-76.30620179	35.37071843
-76.30608300	35.37104000	-76.30688512	35.37037076
-76.30710200	35.37104000	-76.30712812	35.37064626
-76.30715600	35.37130300	-76.30661412	35.37106543

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Ryan Bell

Proposed Lease #: 22-017BL/22-018WC

Date: 6/1/2022

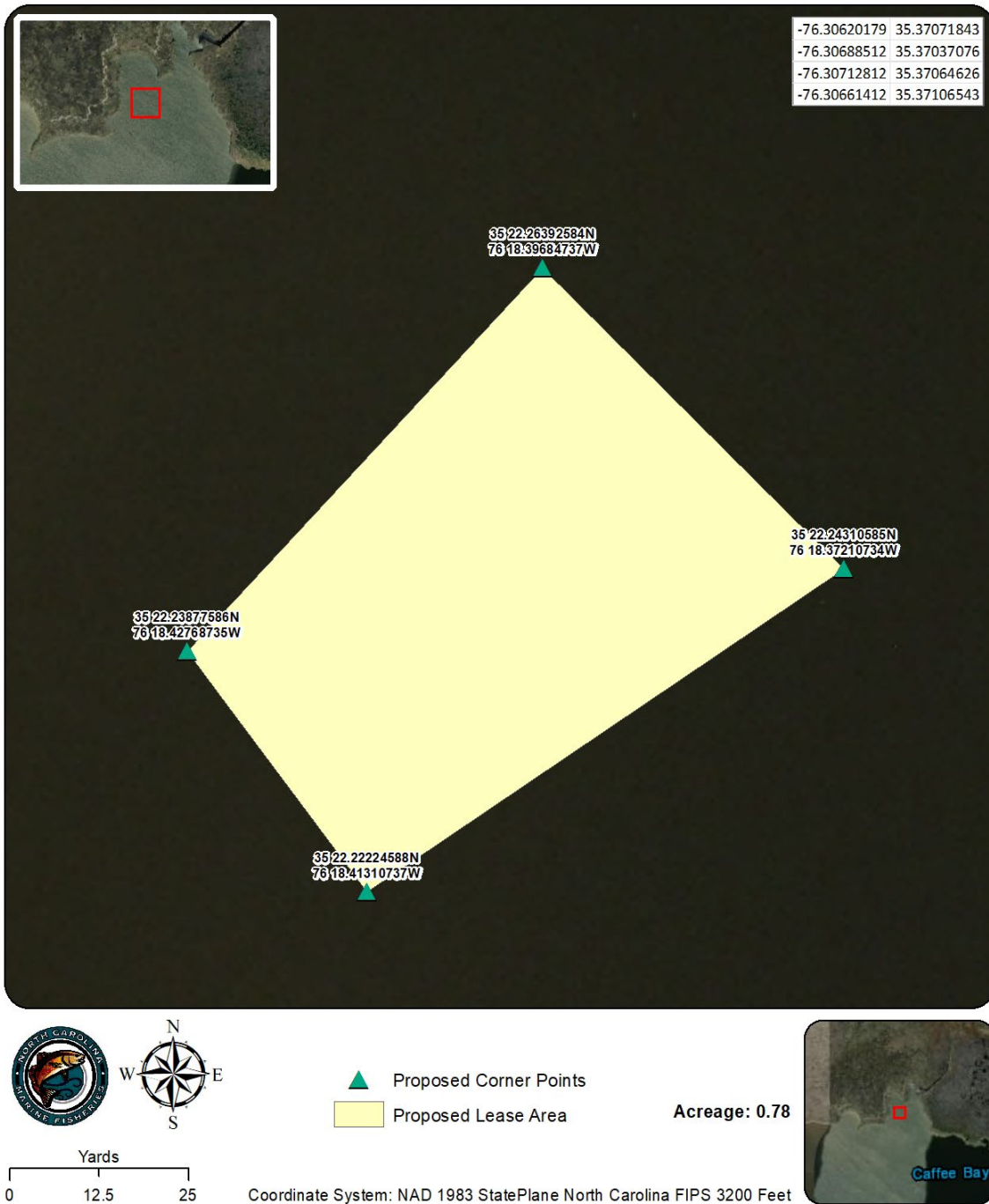
Lease size: 0.78 acres

of Samples: 22

Lease size:	0.78	acres	# of Samples: 22					
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	6/1/2022	NA	O - no grass	1 - hard sand
2	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
3	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
4	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
5	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
6	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
7	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
8	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
9	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
10	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
11	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
12	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
13	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
14	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
15	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
16	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
17	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
18	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
19	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
20	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
21	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard sand
22	0	0	0	0	6/1/2022	NA	O - no grass	1 - hard 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		

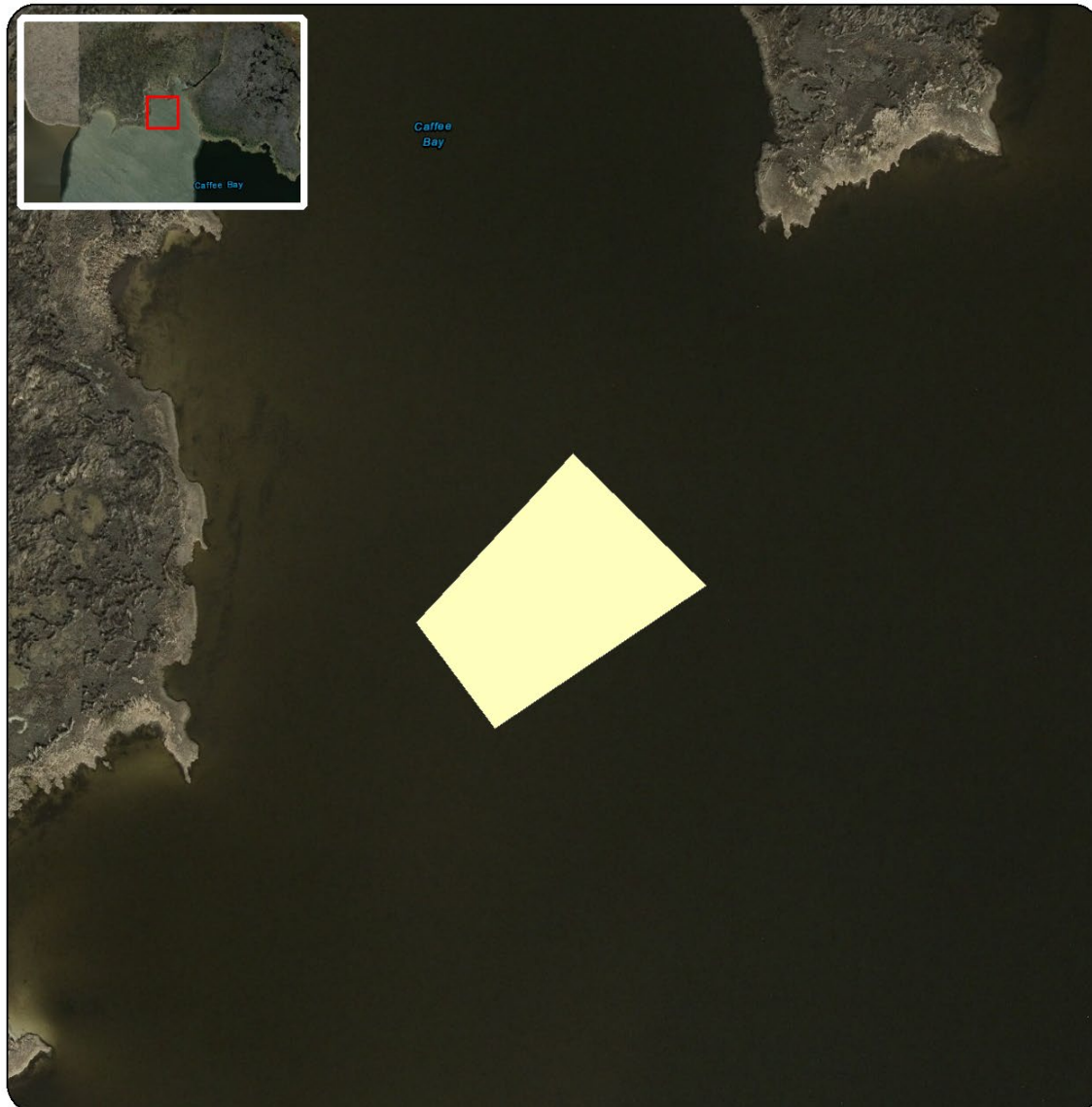
Proposed Lease ID/Number: 22-017BL/22-018WC
Ryan Bell

Date: 6/1/2022



Proposed Lease ID/Number: 22-017BL/22-018WC
Ryan Bell

Date: 6/1/2022



Yards
0 30 60

 Proposed Lease Area

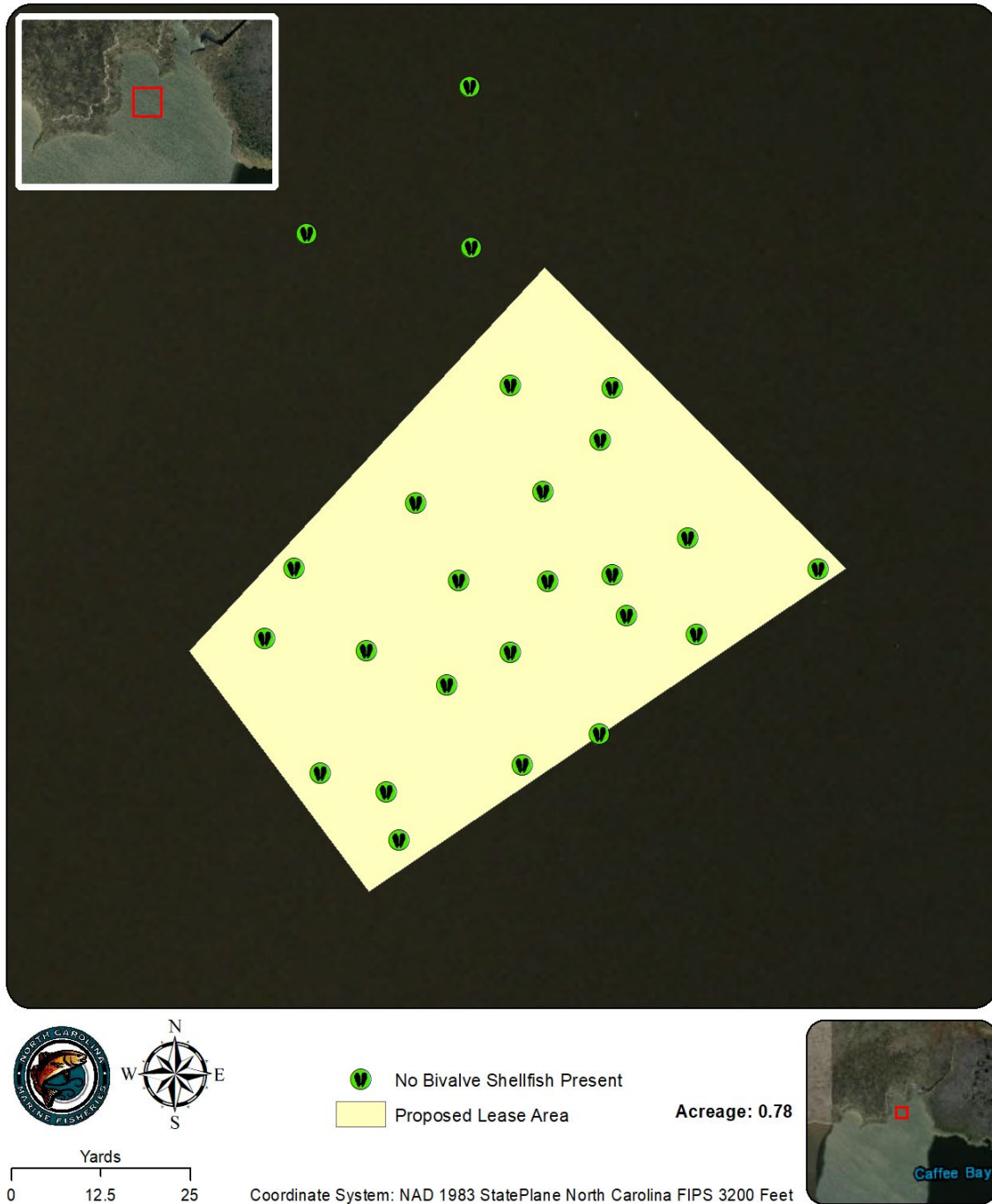
Acreage: 0.78

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



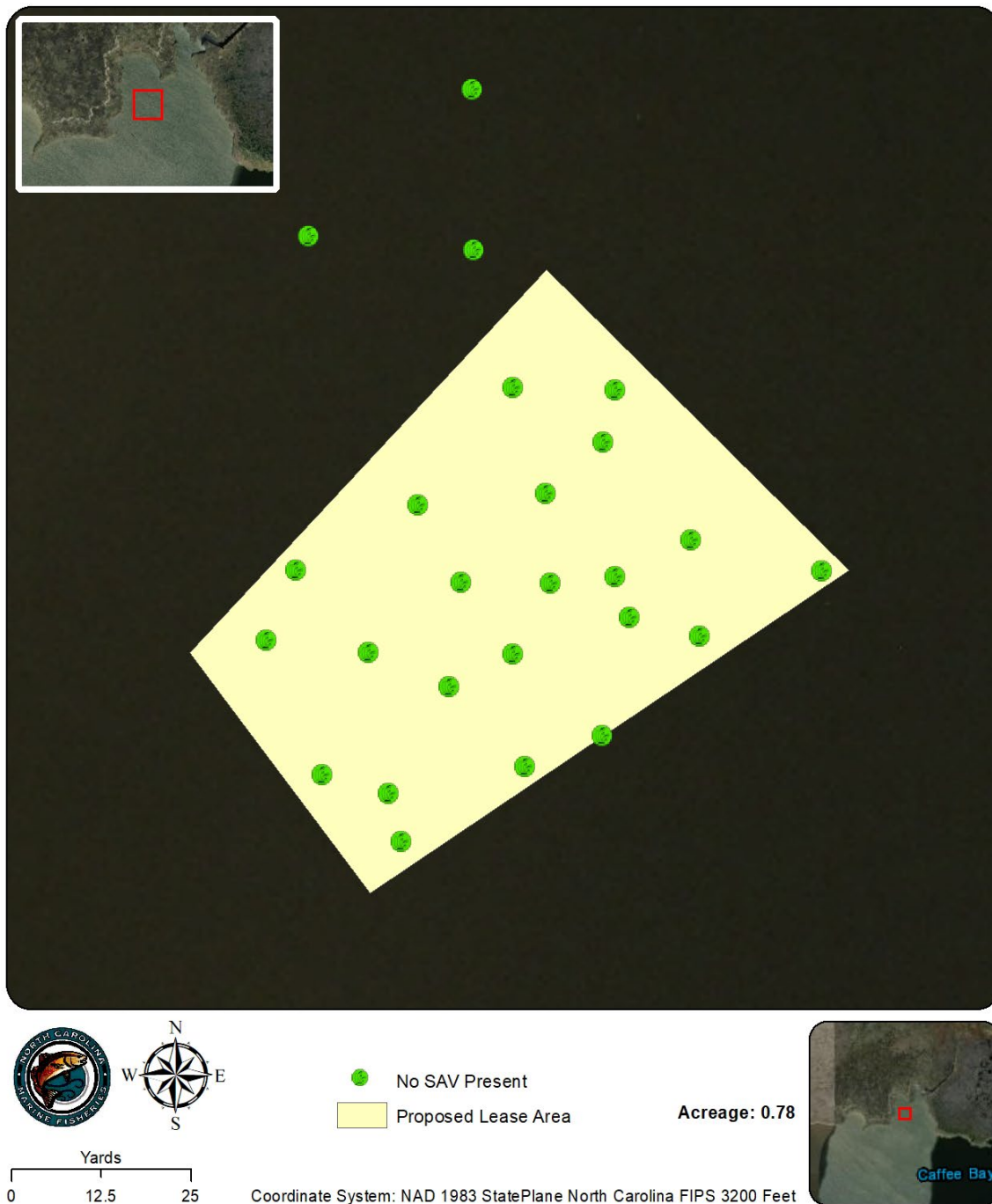
Proposed Lease ID/Number: 22-017BL/22-018WC
Ryan Bell

Date: 6/1/2022



Proposed Lease ID/Number: 22-017BL/22-018WC
Ryan Bell

Date: 6/1/2022



Proposed Lease ID/Number: 22-017BL/22-018WC
Ryan Bell

Date: 6/1/2022



