

Shellfish Lease Investigation Report	
Investigation Date	9/16/2021
Applicants name	Ocracoke Salt Company, LLC - Dylan Bennink
Lease Number	21-045BL/21-046WC
County	Hyde
Waterbody/location	E. of Bluff to Long Sh./Rodan
Proposed Lease Size (acres)	1.46
Lease Type	Bottom/Water Column
Investigation Team	A. Frost/D. Walters
Gear Used	935 - Hand Sampling
Sediment Type	1 - hard sand
Bottom Composition	O - no grass
Depth (m)	0.25
Tidal Stage	Rising
Water Temperature (°C)	25.7
Salinity (ppt)	22.9
Dissolved Oxygen (mg/L)	4
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	Yes
Other Comments	

Application Coordinates		Modified Coordinates		Actual Coordinates	
35.16951000	-75.85045000	35.17174150	-75.83859080	35.17251783	-75.83865550
35.16925000	-75.85024000	35.17178590	-75.83926000	35.17174333	-75.83859550
35.16915000	-75.85033000	35.17246530	-75.83961980	35.17248517	-75.83957550
35.16907000	-75.85025000	35.17251930	-75.83873210	35.17176767	-75.83923983
35.16920000	-75.85013000				
35.16883000	-75.84957000				
35.16875000	-75.84983000				
35.16918000	-75.85062000				

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Ocracoke Salt Company, LLC -
Dylan Bennink

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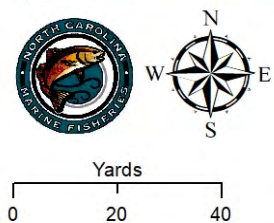
Lease size: 1.46 acres

of Samples: 36

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	9/16/2021	NA	O - no grass	1 - hard sand
2	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
3	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
4	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
5	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
6	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
7	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
8	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
9	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
10	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
11	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
12	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
13	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
14	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
15	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
16	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
17	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
18	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
19	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
20	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
21	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
22	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
23	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
24	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
25	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
26	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
27	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
28	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
29	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
30	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
31	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
32	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
33	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
34	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
35	0	0	0	0	9/16/2021	NA	O - no grass	1 - hard sand
36	0	0	0	0	9/16/2021	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 ACR		

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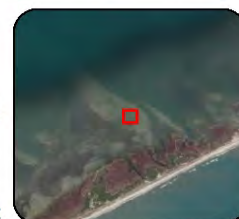
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▲ Proposed Corner Points
 ■ Proposed Lease Area

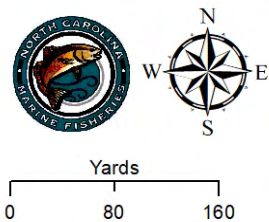
Acreage: 1.46

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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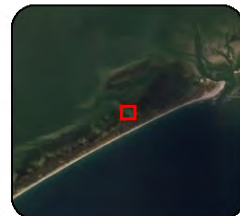
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Proposed Lease Area

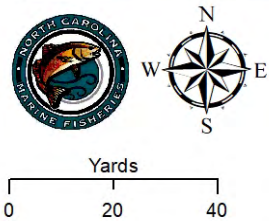
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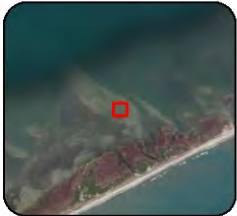
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 No Bivalve Shellfish Present
 Proposed Lease Area

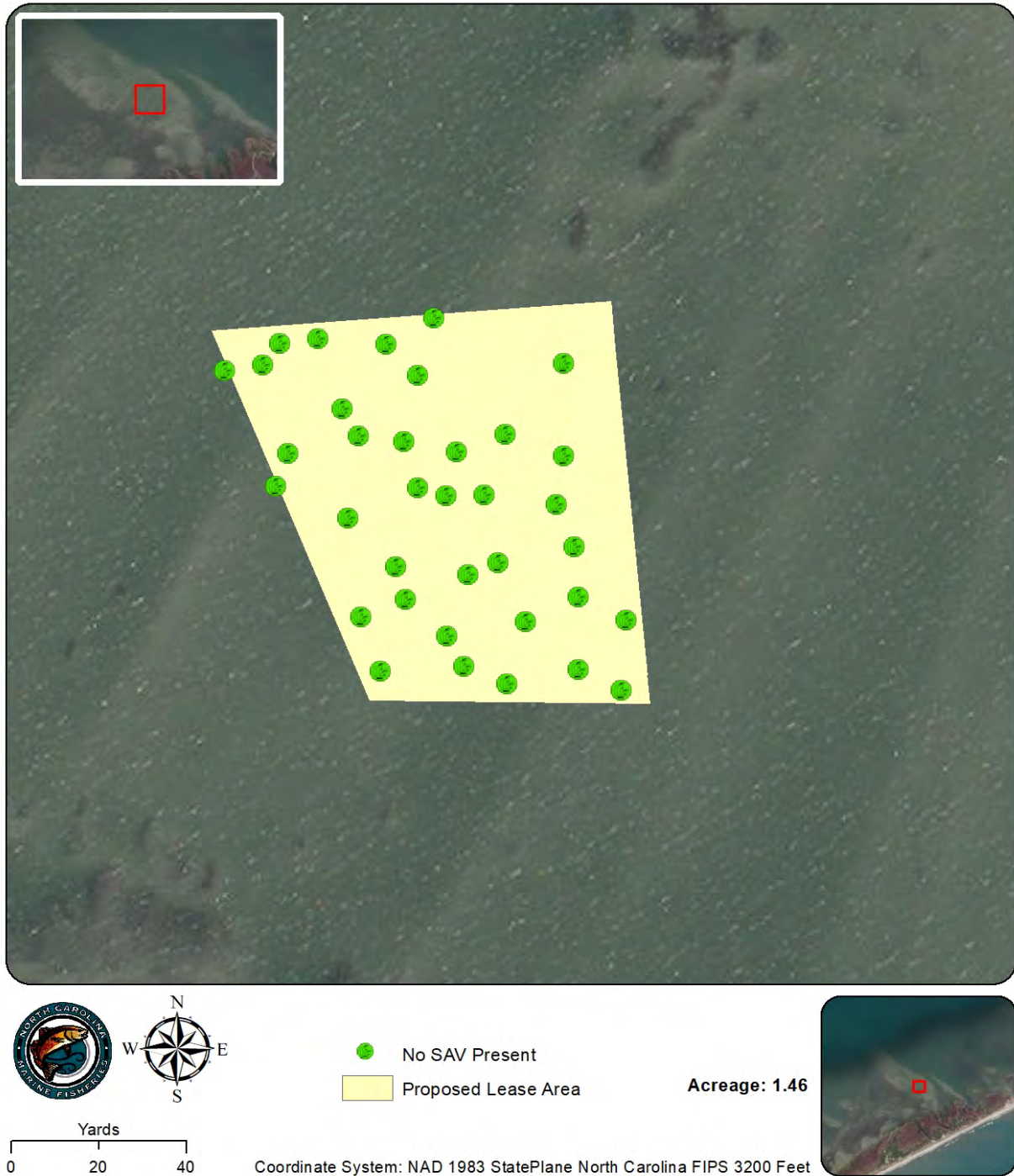
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