

Shellfish Lease Investigation Report	
Investigation Date	9/3/2021
Applicants name	David Allen and David Allen, Jr.
Lease Number	21-061BL/21-062WC
County	Carteret
Waterbody/location	Bogue Sound
Proposed Lease Size (acres)	0.82
Lease Type	Bottom/Water Column
Investigation Team	D. Walters/A. Frost
Gear Used	766 - Patent Tong
Sediment Type	1 - hard sand
Bottom Composition	O - no grass
Depth (m)	1
Tidal Stage	High
Water Temperature (°C)	26
Salinity (ppt)	34.1
Dissolved Oxygen (mg/L)	3.6
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	Yes
Other Comments	

Application Coordinates		Modified Coordinates		Actual Coordinates	
-76.71916700	34.70472200	-76.71907400	34.70493800	-76.71907186	34.70443576
-76.71972200	34.70444400	-76.71906300	34.70448300	-76.71978903	34.70440476
-76.71972200	34.70500000	-76.71977000	34.70447400	-76.71977586	34.70488859
-76.71916700	34.70472200	-76.71976700	34.70493500	-76.71910669	34.70489526

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: David Allen and David Allen, Jr.

Proposed Lease #: 21-061BL/21-062WC

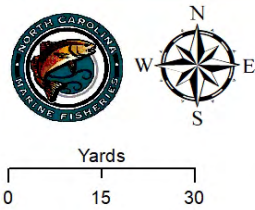
Date: 9/3/2021

Lease size: 0.82 acres # of Samples: 20

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	9/3/2021	NA	O - no grass	1 - hard sand
2	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
3	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
4	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
5	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
6	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
7	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
8	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
9	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
10	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
11	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
12	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
13	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
14	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
15	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
16	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
17	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
18	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
19	0	0	0	0	9/3/2021	NA	O - no grass	1 - hard sand
20	0	0	0	0	9/3/2021	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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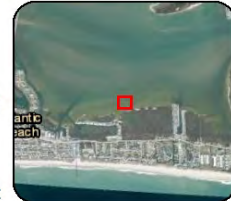
Date: 9/7/2021



- ▲ Proposed Corner Points
- Proposed Lease Area

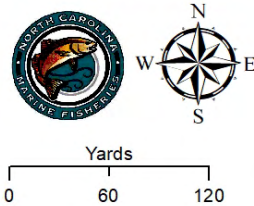
Acreage: 0.82


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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 Proposed Lease Area

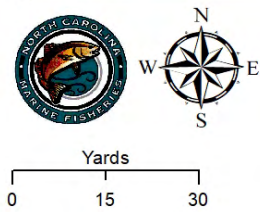
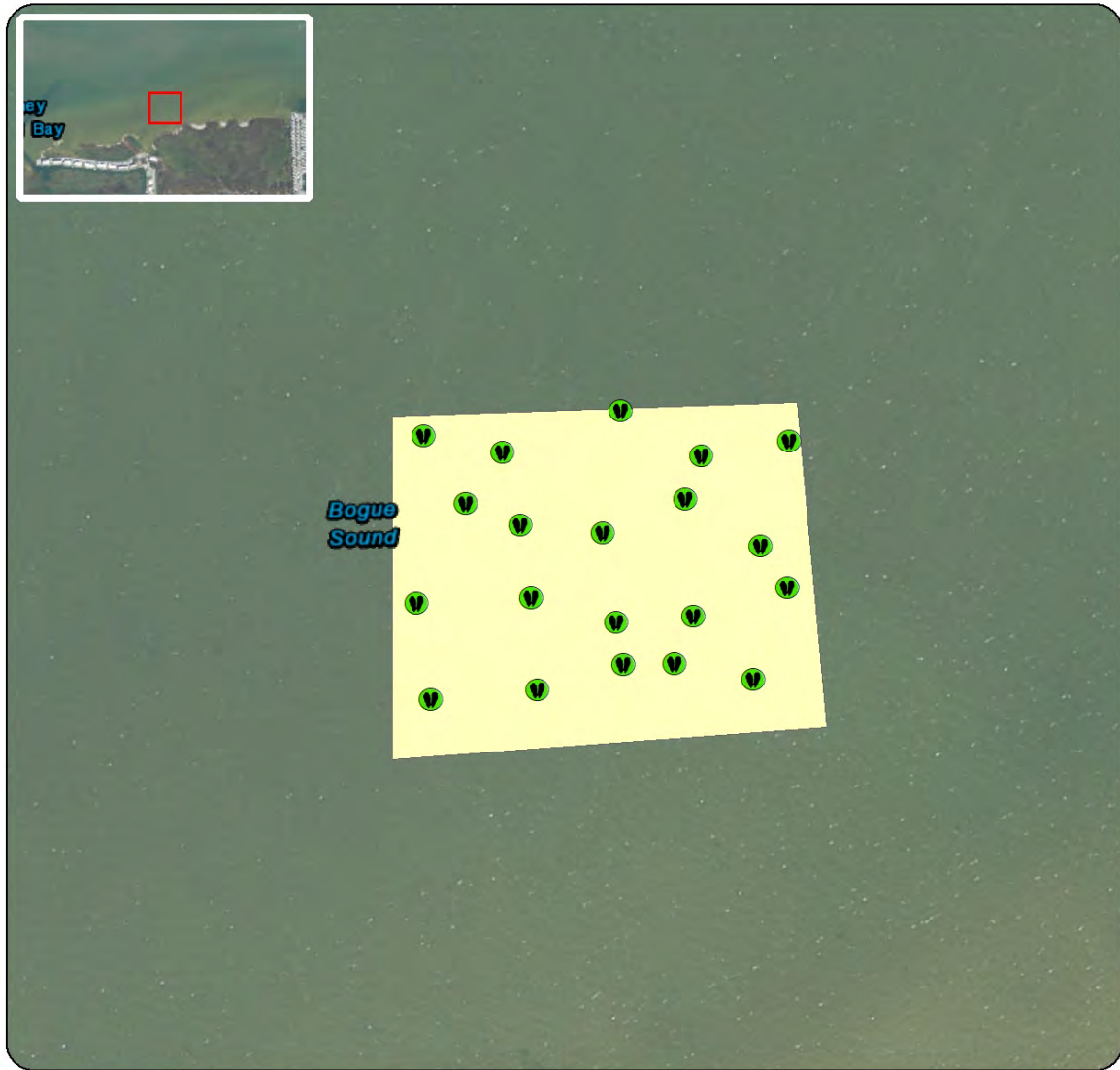
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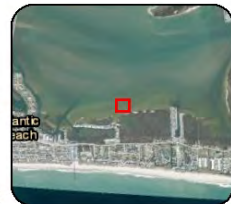
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Proposed Lease Area

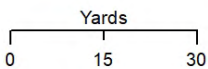
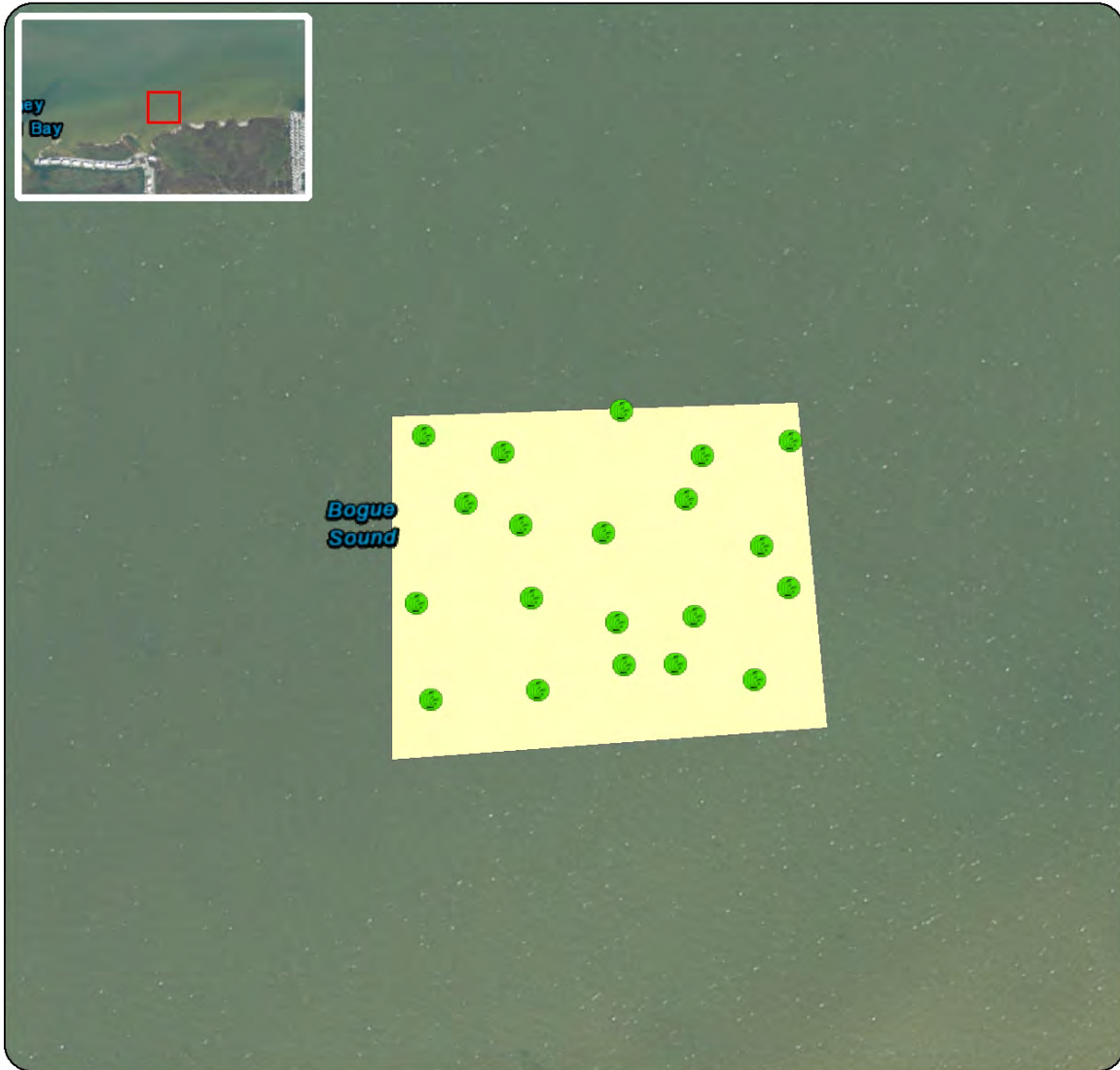
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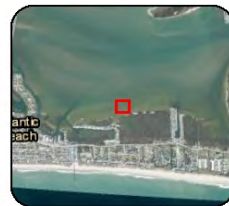
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- No SAV Present
- Proposed Lease Area

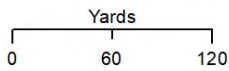
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- Submerged Aquatic Vegetation
- Proposed Lease Area

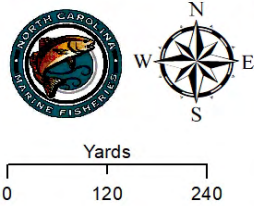
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- Lease Type**
- Proposed - Water Column
 - Proposed - Bottom
 - Water Column
 - Bottom

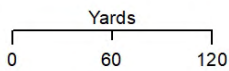
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- Proposed Lease Area
- Approved
- Restricted

Acreage: 0.82

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