

Shellfish Lease Investigation Report	
Investigation Date	8/5/2021
Applicants name	Chadwick's Seafood, LLC - James T. Chadwick
Lease Number	21-037BL/21-038WC
County	Carteret
Waterbody/location	South Leopard Creek
Proposed Lease Size (acres)	1.72
Lease Type	Bottom/Water Column
Investigation Team	S. Tripp/A. Wells
Gear Used	766 - Patent Tong
Sediment Type	8 - sand (sand in hard and firm strata)
Bottom Composition	O - no grass
Depth (m)	0.75
Tidal Stage	High
Water Temperature (°C)	24.1
Salinity (ppt)	15
Dissolved Oxygen (mg/L)	5.31
Comments on SAV in or around Proposed Lease location	
Other Species Collected	
In PNA?	No - Special Secondary Nursery Area
In Polluted Area?	No: Conditionally Approved - Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	

Application Coordinates		Modified Coordinates		Actual Coordinates	
34.76024100	-76.57824300	34.76090056	-76.57865457	34.76090056	-76.57865457
34.76092000	-76.57867300	34.76088874	-76.57806783	34.76088874	-76.57806783
34.75970400	-76.57815800	34.75970400	-76.57815800	34.75983507	-76.57812324
34.75973000	-76.57887600	34.75973000	-76.57887600	34.75974107	-76.57878374

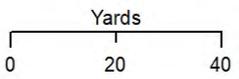
Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Chadwick's Seafood, LLC - James T. Chadwick** Proposed Lease #: **21-037BL/21-038WC** Date: **8/5/2021**
 Lease size: **1.72** acres # of Samples: **42**

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	2	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
2	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
3	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
4	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
5	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
6	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
7	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
8	0	0	1	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
9	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
10	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
11	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
12	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
13	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
14	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
15	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
16	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
17	0	0	1	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
18	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
19	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
20	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
21	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
22	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
23	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
24	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
25	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
26	0	0	1	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
27	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
28	0	0	1	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
29	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
30	0	0	1	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
31	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
32	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
33	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
34	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
35	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
36	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
37	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
38	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
39	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
40	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
41	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
42	0	0	0	0	8/5/2021	NA	O - no grass	8 - sand (sand in hard and firm strata)
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops	0%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES	0	0	7	0				
TOTAL BUSHELS PER SPECIES		0	0.0175	0	1.68625	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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 Chadwick's Seafood, LLC - James T. Chadwick

Date: 8/18/2021



- ▲ Proposed Corner Points
- Proposed Lease Area

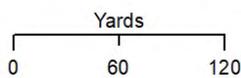
Acreage: 1.72

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



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 Proposed Lease Area

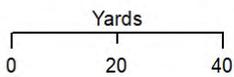
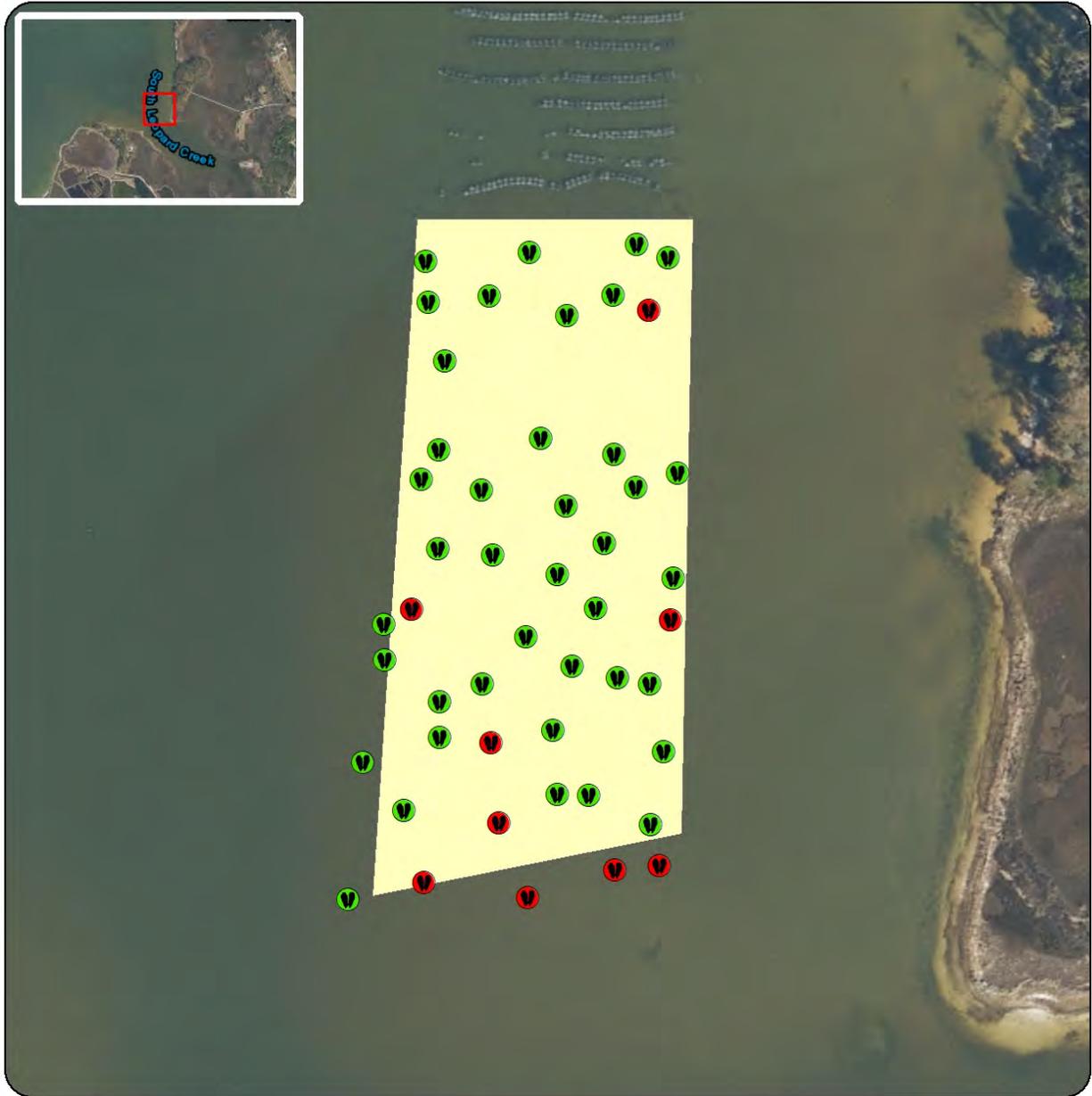
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- No Bivalve Shellfish Present
- Bivalve Shellfish Present
- Proposed Lease Area

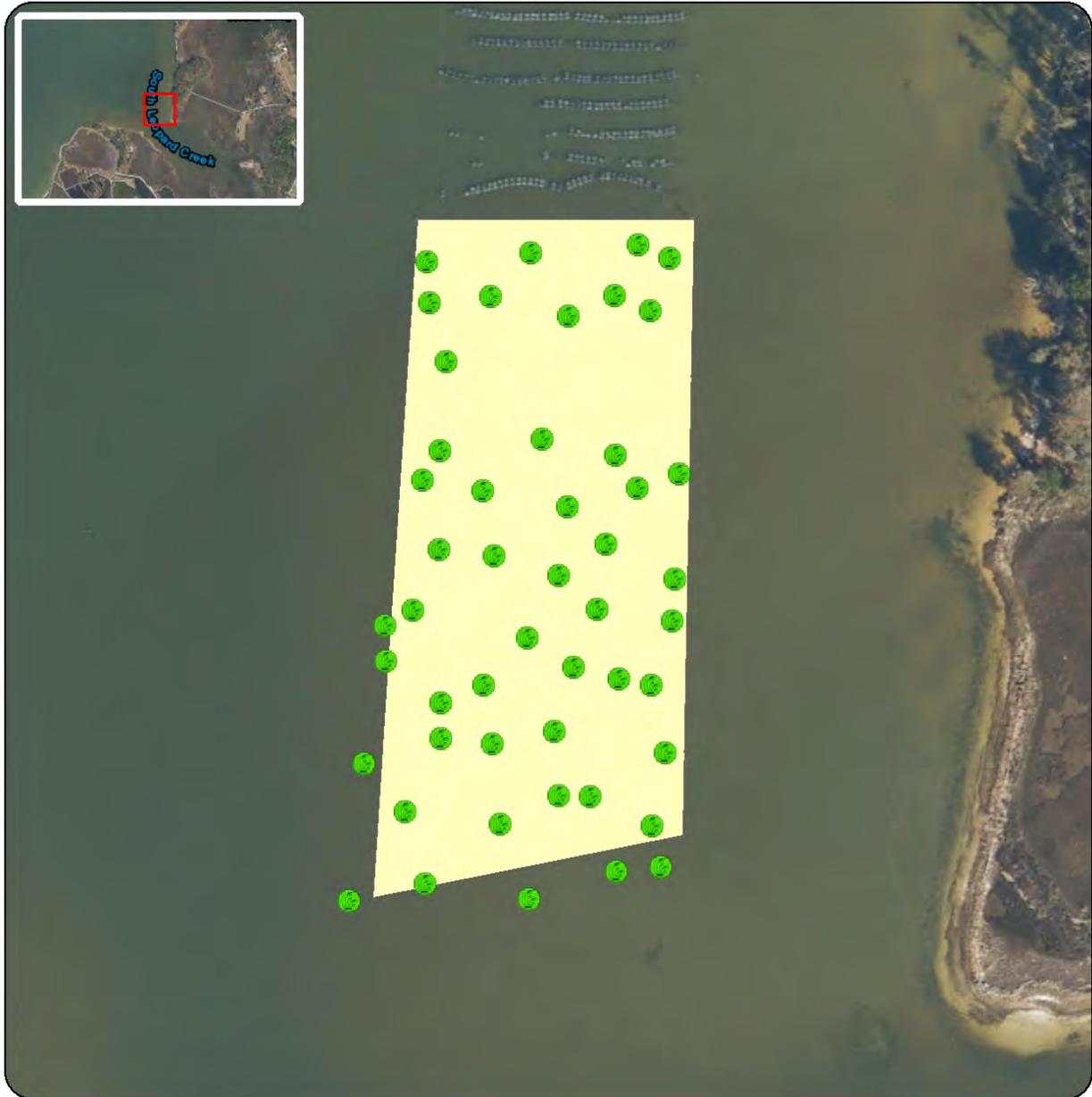
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-  No SAV Present
-  Proposed Lease Area

Acreage: 1.72

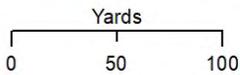
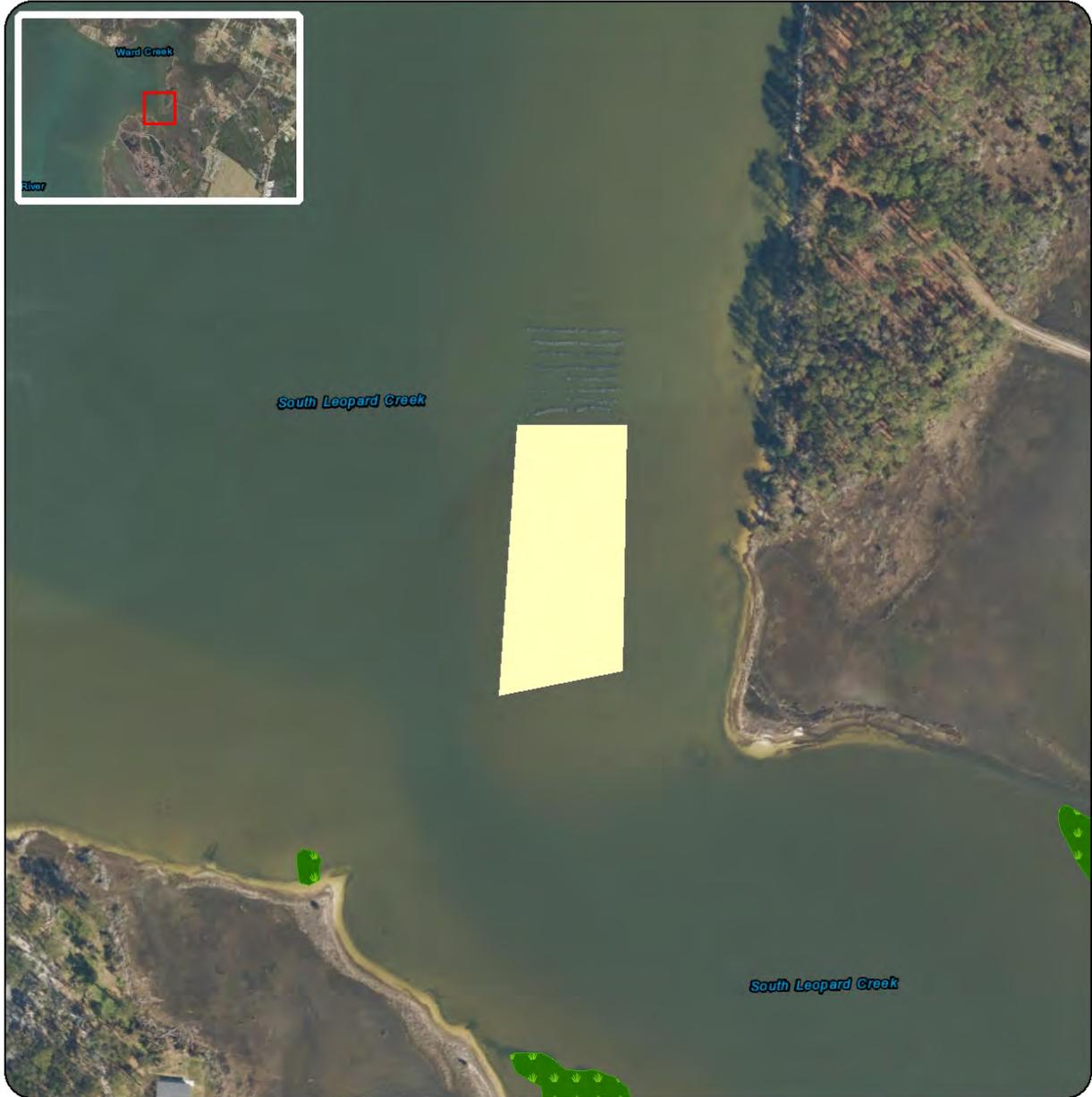


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-  Submerged Aquatic Vegetation
-  Proposed Lease Area

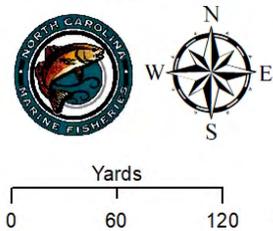
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- Proposed Lease Area
- Lease Type**
- Other Proposed - Water Column
- Other Proposed - Bottom
- Water Column
- Bottom

Acreage: 1.72

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