

Shellfish Lease Investigation Report	
Investigation Date	6/3/2024
Applicants name	SeWee Shellfish, LLC – Alberto Solana and Jonathan Kent
Lease Number	24-019BL/24-020WC
County	Onslow
Waterbody/location	Stones Bay/1201020100
Proposed Lease Size (acres)	1.01
Lease Type	Bottom/Water Column
Investigation Team	S. Tripp; A. Frost; R. Farnell
Gear Used	766 - Patent Tong
Sediment Type	1 - Hard sand
Bottom Composition	O - no grass
Depth (m)	0.94 Average
Tidal Stage	I - High
Water Temperature (°C)	25.8
Salinity (ppt)	28.7
Dissolved Oxygen (mg/L)	6.2
Comments on SAV in or around Proposed Lease location	Very sparse (1) SAV found in proposed lease area
Other Species Collected	
In PNA?	No
In Polluted Area?	No: Approved
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	Yes
Other Comments	Depth NE corner (1): 0.95m Depth SE corner (2): 0.85m Depth SW corner (3): 1.0m Depth center: 0.95m

Application Coordinates		Modified Coordinates	
Latitude	Longitude	Latitude	Longitude
34.586260	-77.405548		
34.586260	-77.404731	34.585249	-77.405548
34.584076	-77.404698	34.584073	-77.404874
34.584060	-77.405548	34.584060	-77.405548

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **SeWee Shellfish, LLC – Alberto Solana and Jonathan Kent**

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Date: **6/3/2024**

Lease size: **1.01** acres # of Samples: **25**

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	6/3/2024	NA	O - no grass	1 - Hard sand
2	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
3	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
4	0	0	1	0	6/3/2024	NA	O - no grass	1 - Hard sand
5	0	0	1	0	6/3/2024	NA	O - no grass	1 - Hard sand
6	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
7	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
8	0	0	2	0	6/3/2024	NA	O - no grass	1 - Hard sand
9	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
10	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
11	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
12	1	0	0	0	6/3/2024	NA	B - grass	1 - Hard sand
13	0	0	1	0	6/3/2024	NA	O - no grass	1 - Hard sand
14	0	0	1	0	6/3/2024	NA	O - no grass	1 - Hard sand
15	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
16	0	0	1	0	6/3/2024	NA	O - no grass	1 - Hard sand
17	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
18	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
19	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
20	0	0	1	0	6/3/2024	NA	O - no grass	1 - Hard sand
21	0	0	1	0	6/3/2024	NA	O - no grass	1 - Hard sand
22	1	0	0	0	6/3/2024	NA	B - grass	1 - Hard sand
23	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
24	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
25	0	0	0	0	6/3/2024	NA	O - no grass	1 - Hard sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	2				8%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	9	0				
TOTAL BUSHELS PER SPECIES		0	0.0225	0	3.64	TOTAL BUSHELS OF SHELLFISH PER ACRE		

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▲ Proposed Corner Points
 ■ Proposed Lease

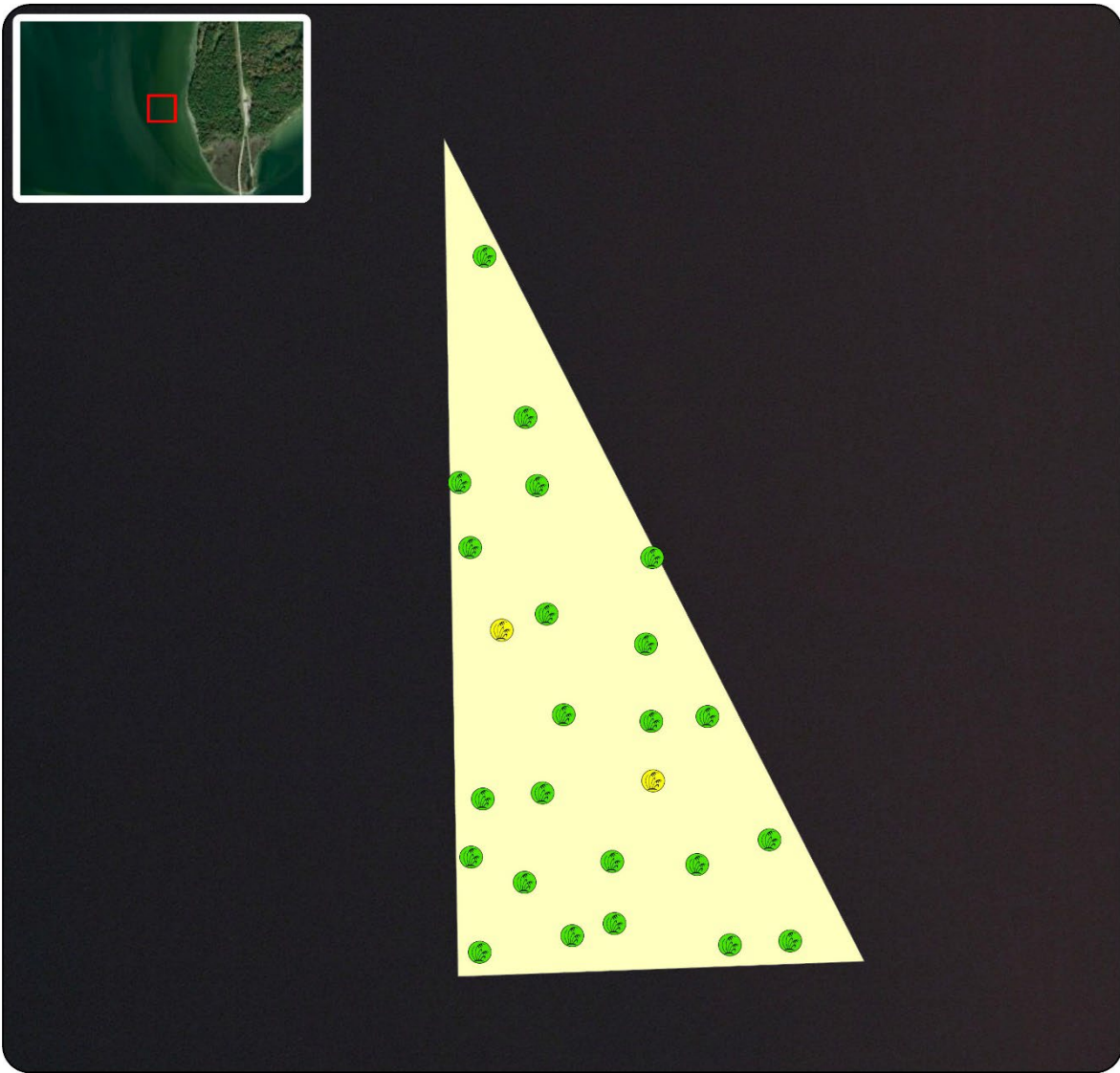
Acreage: 1.01

Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



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SAV Density

- None - 0
- Very Sparse - 1
- Proposed Lease

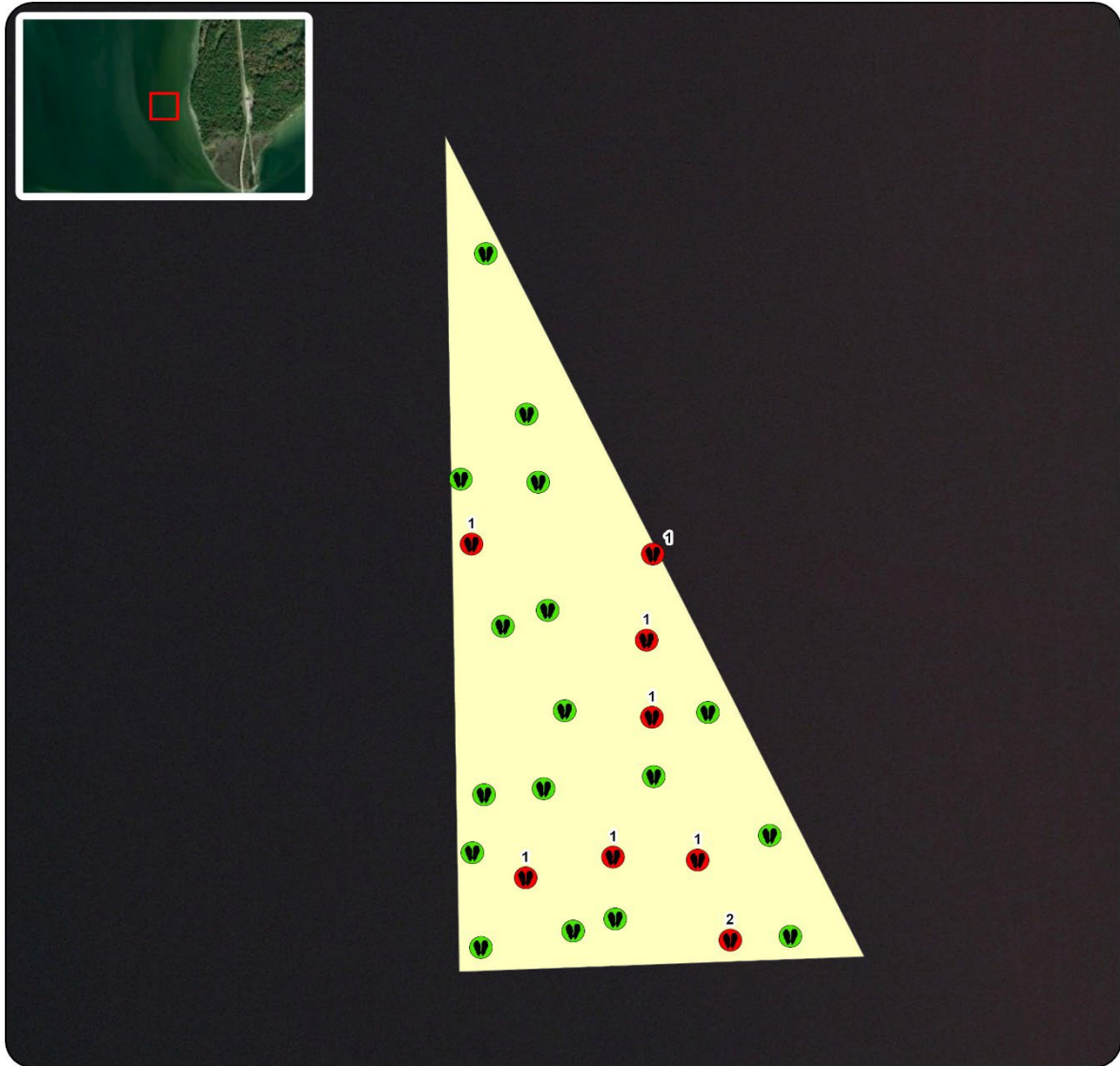
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Shellfish Present

- No
- Yes - Clams
- Proposed Lease

Acreage: 1.01

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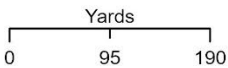
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 Proposed Lease

Acreage: 1.01

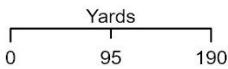


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Shellfish Growing Area Classification

- Approved
- Proposed Lease

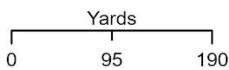
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-  Submerged Aquatic Vegetation
-  Proposed Lease

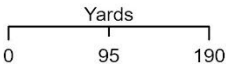
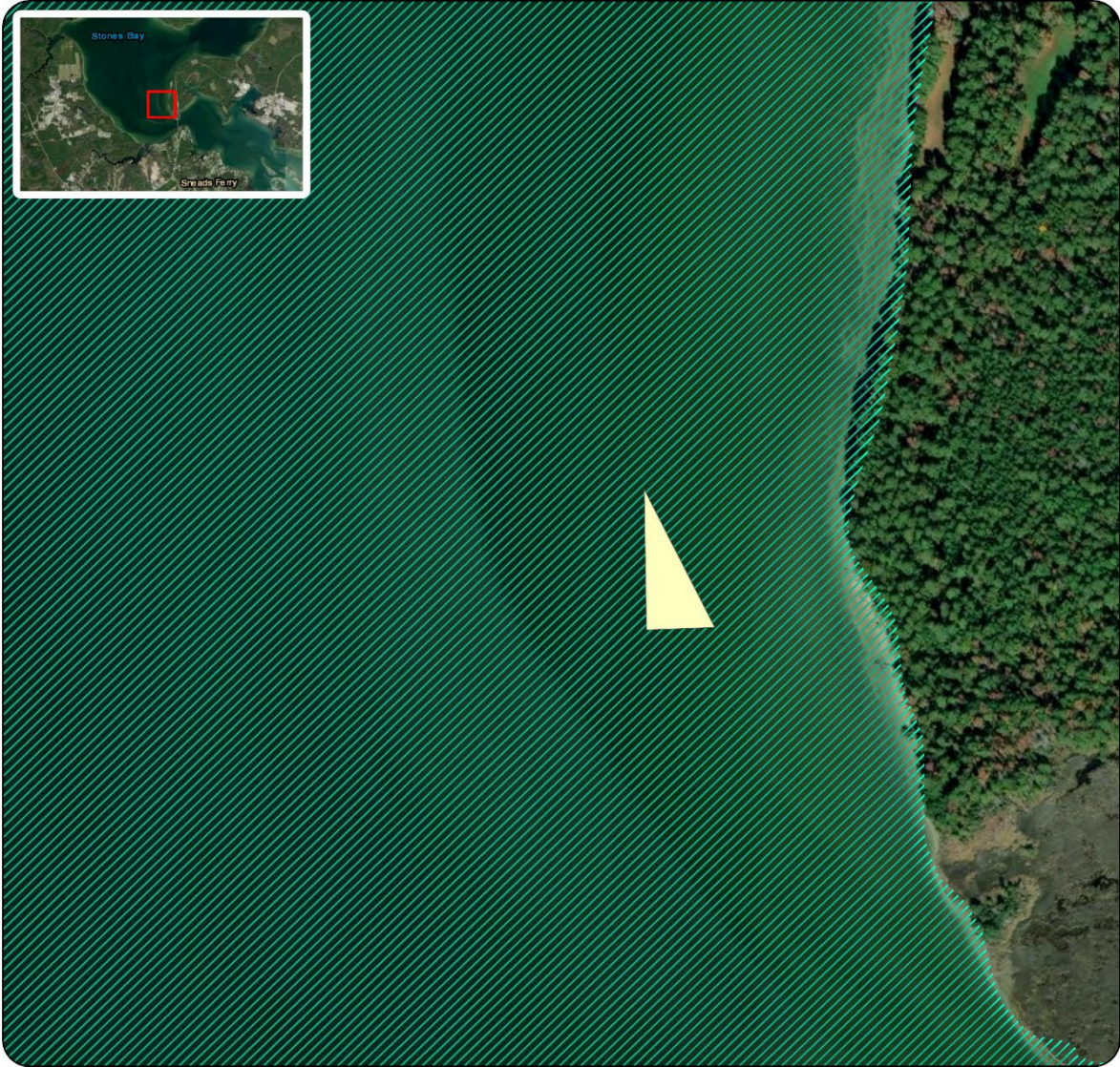
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


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Military Danger Zone Restricted Areas

-  Contitionally Open
-  Proposed Lease

Acreage: 1.01

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