

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	6/30 & 7/21 - 2022
<b>Applicants name</b>	Sea Level Shellfish Company, LLC - James Morris Jr
<b>Lease Number</b>	22-027BL/22-028WC
<b>County</b>	Carteret
<b>Waterbody/location</b>	Long Bay
<b>Proposed Lease Size (acres)</b>	3.32
<b>Lease Type</b>	Bottom/Water Column
<b>Investigation Team</b>	D. Walters/J. Moore
<b>Gear Used</b>	766 - Patent Tong
<b>Sediment Type</b>	1 - hard sand
<b>Bottom Composition</b>	B - grass/O - no grass
<b>Depth (m)</b>	1
<b>Tidal Stage</b>	Wind
<b>Water Temperature (°C)</b>	26.2
<b>Salinity (ppt)</b>	24.3
<b>Dissolved Oxygen (mg/L)</b>	6.4
<b>Comments on SAV in or around Proposed Lease location</b>	
<b>Other Species Collected</b>	
<b>In PNA?</b>	No
<b>In Polluted Area?</b>	No - Approved
<b>In Mechanical Clam Harvest Area?</b>	No
<b>In Mechanical Methods Prohibited Area</b>	No
<b>Other Comments</b>	Re-verified pole locations 9/19/22

Application Coordinates		Investigation Coordinates		Modified Actual Coordinates	
-76.41485500	34.94996600	-76.41585467	34.94910167	-76.41401311	34.94837169
-76.41384900	34.94859200	-76.41483383	34.94995733	-76.41435478	34.94782736
-76.41434700	34.94782900	-76.41384517	34.94857783	-76.41585278	34.94909469
-76.41583300	34.94908800	-76.41435667	34.94783433	-76.41520344	34.94960269

### Proposed Shellfish Lease Biological Investigation Sampling Data

**Applicant:** Sea Level Shellfish Company, LLC - James Morris Jr

**Proposed Lease #:** 22-027BL/22-028WC

**Date:** 6/30 & 7/21 - 2022

**Lease size:** 3.32 acres **# of Samples:** 83

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	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
2	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
3	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
4	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
5	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
6	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
7	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
8	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
9	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
10	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
11	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
12	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
13	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
14	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
15	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
16	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
17	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
18	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
19	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
20	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
21	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
22	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
23	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
24	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
25	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
26	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
27	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
28	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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34	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
35	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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37	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
38	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
39	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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45	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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47	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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49	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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54	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
55	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
56	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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60	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
61	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
62	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
63	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
64	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand

## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Sea Level Shellfish Company, LLC -  
James Morris Jr

Proposed Lease #: 22-027BL/22-028WC

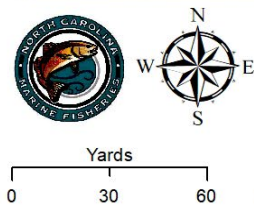
Date: 6/30 & 7/21 - 2022

Lease size: 3.32 acres # of Samples: 83

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
65	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
66	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
67	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
68	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
69	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
70	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
71	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
72	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
73	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
74	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
75	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
76	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
77	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
78	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
79	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
80	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
81	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
82	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
83	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
	<b>SAV</b>	<b>Oysters (Eastern Oyster)</b>	<b>Clams (Quahogs)</b>	<b>Scallops</b>				
	6				7%	OF SAMPLES CONTAINED SAV		
<b>TOTAL OF EACH SPECIES</b>		0	0	0				
<b>TOTAL BUSHELS PER SPECIES</b>		0	0	0	0	<b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b>		

Proposed Lease ID/Number: 22-027BL/22-028WC  
Sea Level Shellfish Company, LLC - James Morris Jr

Date: 9/20/2022



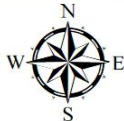
▲ Adj. Proposed Corner Points  
■ Adj. Proposed Lease Area      **Acreage: 3.32**


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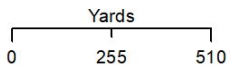
Proposed Lease ID/Number: 22-027BL/22-028WC  
Sea Level Shellfish Company, LLC - James Morris Jr

Date: 9/21/2022



 Adj. Proposed Lease Area

**Acreage: 3.32**

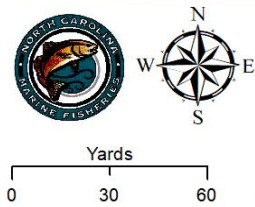


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 22-027BL/22-028WC  
Sea Level Shellfish Company, LLC - James Morris Jr

Date: 9/20/2022



- No Bivalve Shellfish Present
- Duck Blind
- Adj. Proposed Lease Area

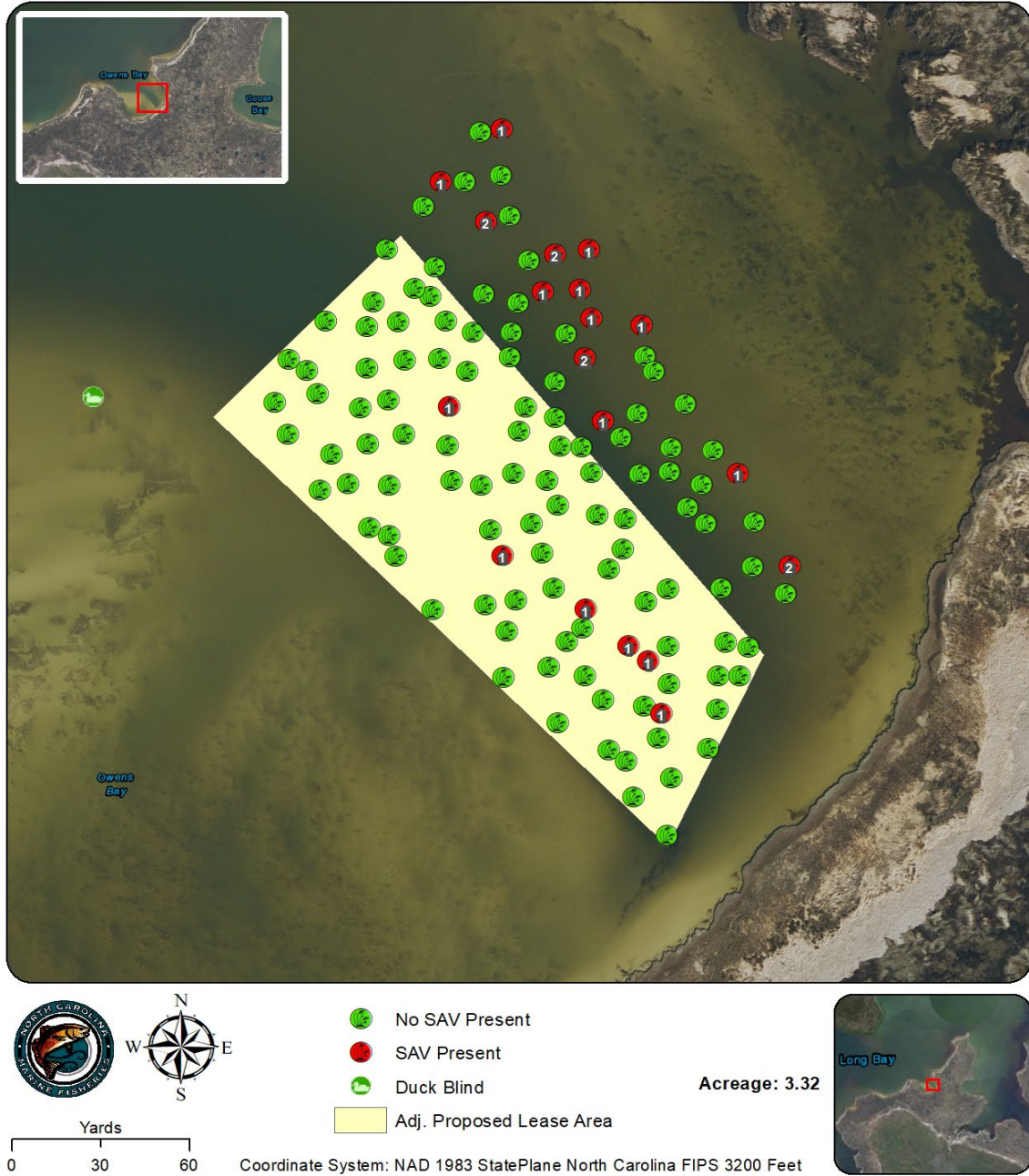
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Proposed Lease ID/Number: 22-027BL/22-028WC  
Sea Level Shellfish Company, LLC - James Morris Jr

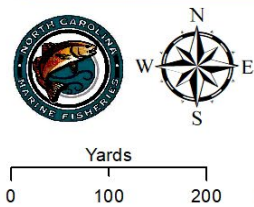
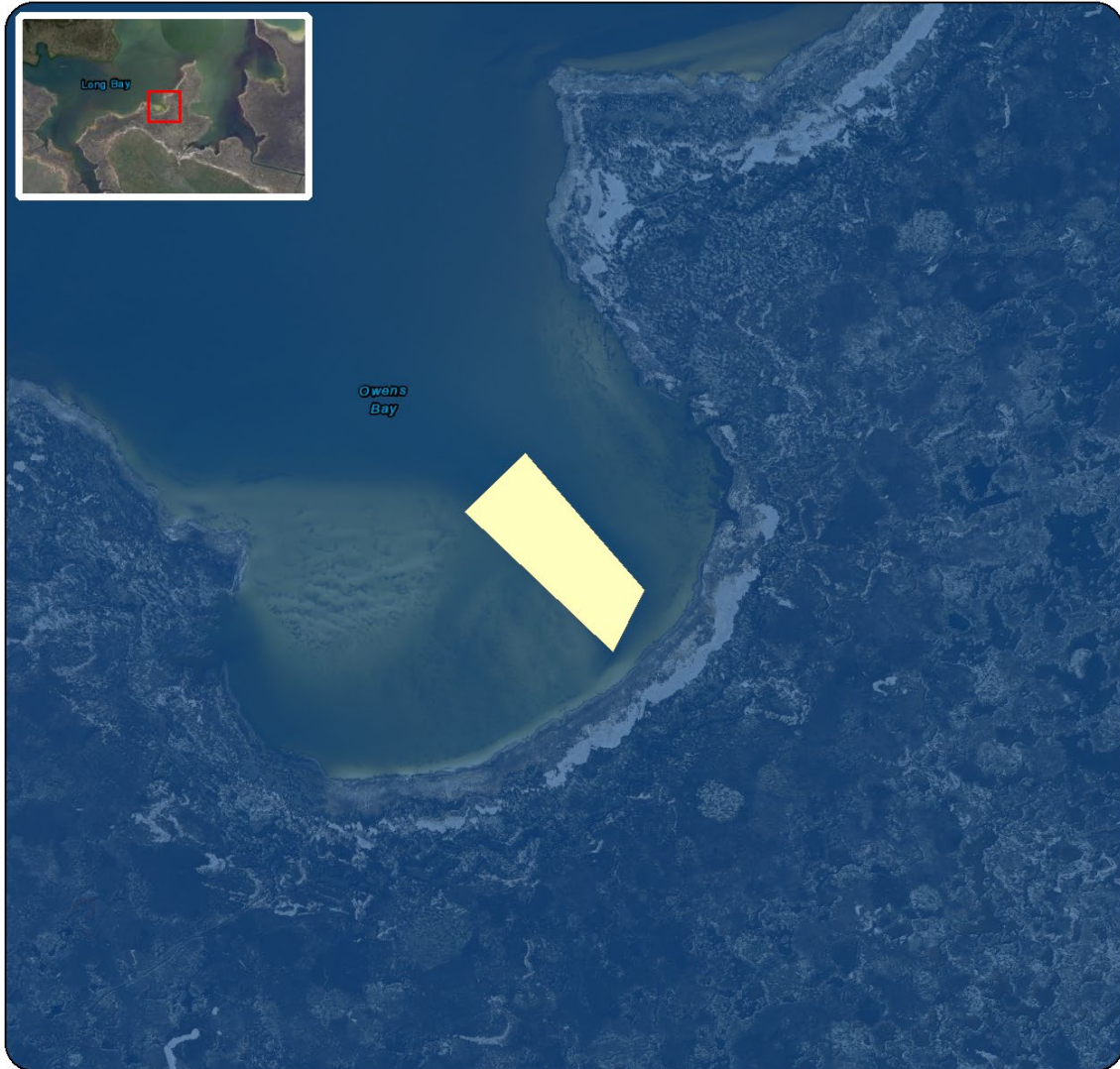
Date: 9/20/2022





Proposed Lease ID/Number: 22-027BL/22-028WC  
Sea Level Shellfish Company, LLC - James Morris Jr

Date: 9/21/2022



Adj. Proposed Lease Area  
**SGA Current Classifications**  
Approved

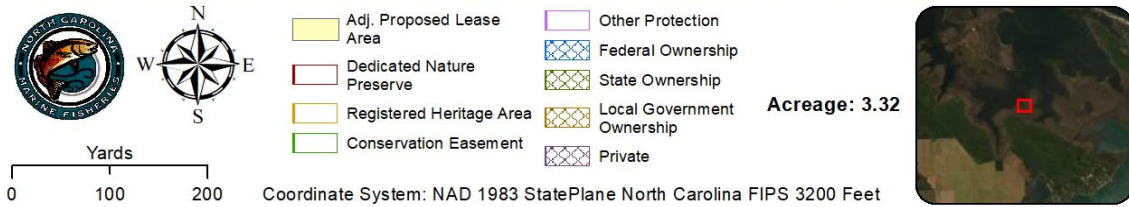
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Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



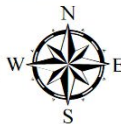
Proposed Lease ID/Number: 22-027BL/22-028WC  
 Sea Level Shellfish Company, LLC - James Morris Jr

Date: 9/21/2022



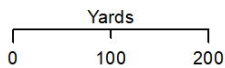
Proposed Lease ID/Number: 22-027BL/22-028WC  
Sea Level Shellfish Company, LLC - James Morris Jr

Date: 9/21/2022



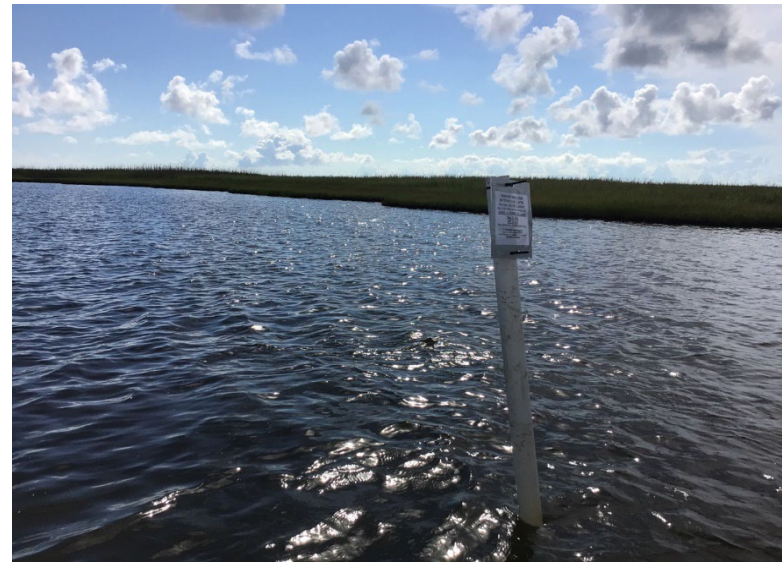
- Cultch Permit Area
- Adj. Proposed Lease Area

Acreage: 3.32



Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet







## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Sea Level Shellfish Company, LLC -  
James Morris Jr

Proposed Lease #: 22-027BL/22-028WC

Date: 6/30 & 7/21 - 2022

Lease size: 5.03 acres # of Samples: 125

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	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
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59	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
60	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
61	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
62	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
63	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand

## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Sea Level Shellfish Company, LLC -  
James Morris Jr

Proposed Lease #: 22-027BL/22-028WC

Date: 6/30 & 7/21 - 2022

Lease size: 5.03 acres # of Samples: 125

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
64	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
65	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
66	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
67	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
68	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
69	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
70	2	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
71	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
72	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
73	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
74	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
75	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
76	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
77	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
78	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
79	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
80	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
81	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
82	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
83	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
84	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
85	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
86	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
87	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
88	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
89	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
90	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
91	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
92	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
93	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
94	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
95	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
96	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
97	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
98	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
99	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
100	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
101	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
102	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
103	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
104	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
105	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
106	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
107	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
108	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
109	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
110	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
111	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
112	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
113	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
114	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
115	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
116	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
117	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
118	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
119	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
120	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
121	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
122	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
123	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
124	0	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand
125	1	0	0	0	6/30 & 7/21 - 2022	NA	B - grass/O - no grass	1 - hard sand

## Proposed Shellfish Lease Biological Investigation Sampling Data

**Applicant:** Sea Level Shellfish Company, LLC -  
James Morris Jr

**Proposed Lease #:** 22-027BL/22-028WC

**Date:** 6/30 & 7/21 - 2022

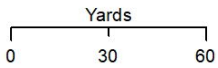
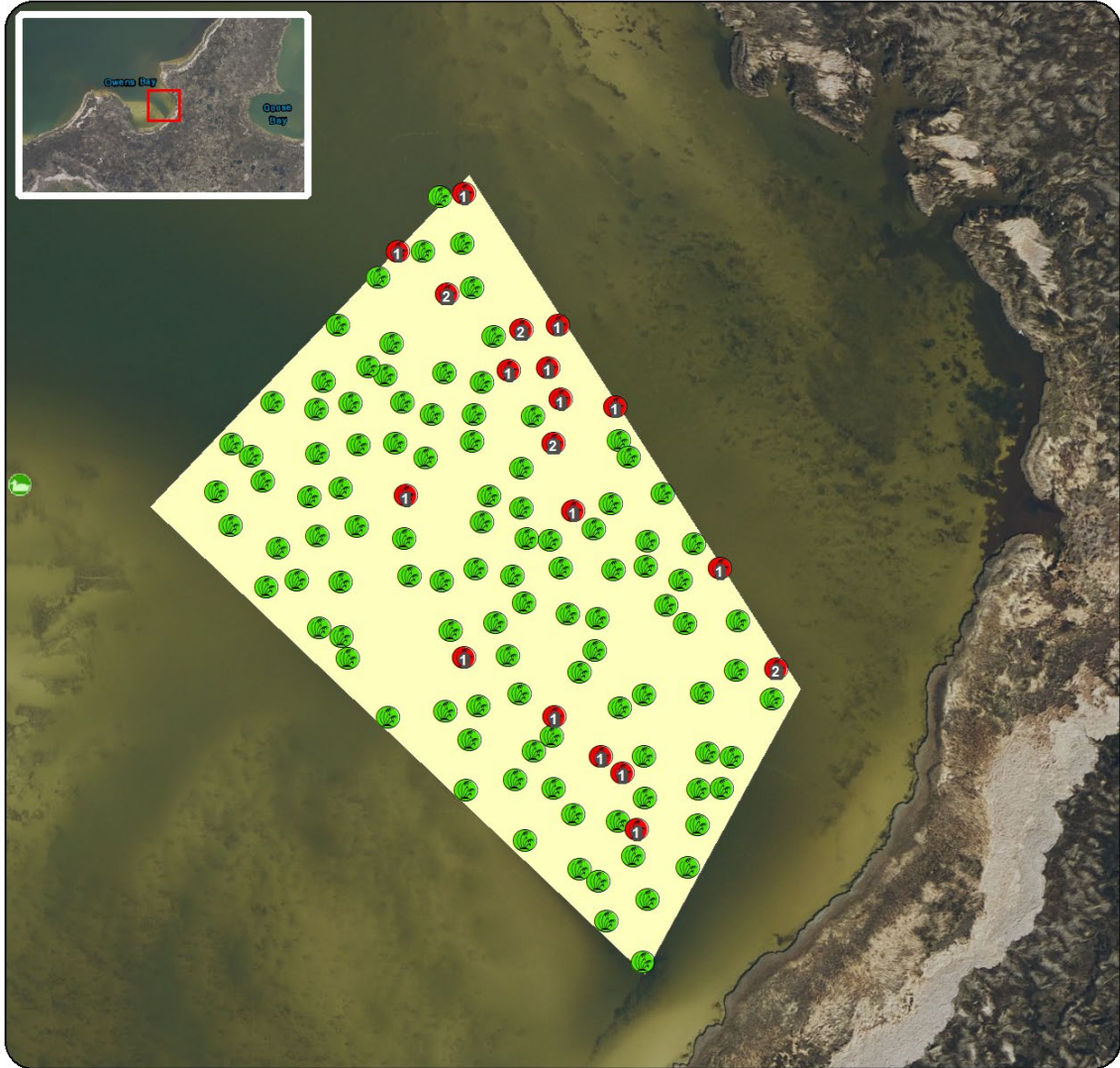
**Lease size:** 5.03 acres **# of Samples:** 125

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	19				15%	OF SAMPLES CONTAINED SAV		
<b>TOTAL OF EACH SPECIES</b>		0	0	0				
<b>TOTAL BUSHELS PER SPECIES</b>		0	0	0	0	TOTAL BUSHELS OF SHELLFISH PER ACRE		



Proposed Lease ID/Number: 22-027BL/22-028WC  
Sea Level Shellfish Company, LLC - James Morris Jr

Date: 9/21/2022



-  No SAV Present
-  SAV Present
-  Duck Blind
-  Proposed Lease Area

Acreage: 5.03

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet







