

Shellfish Lease Investigation Report	
Investigation Date	8/23/2023
Applicants name	Dominic Vetrano and Karen Penchansky
Lease Number	23-048BL/23-049WC
County	Craven
Waterbody/location	Adams Creek
Proposed Lease Size (acres)	2.85
Lease Type	Bottom/Water Column
Investigation Team	R. Farnell; G. Stilson
Gear Used	766 - Patent Tong
Sediment Type	6 - Muddy sand
Bottom Composition	O - no grass
Depth (m)	1.5
Tidal Stage	X - Ebb (low)
Water Temperature (°C)	28.1
Salinity (ppt)	25.68
Dissolved Oxygen (mg/L)	6.08
Comments on SAV in or around Proposed Lease location	No Comments
Other Species Collected	None Listed
In Primary Nursery Area?	Yes
In Polluted Area?	No: Approved
In Mechanical Clam Harvest Area?	No
In Oyster Mechanical Methods Prohibited Area	No
Other Comments	

Application Coordinates		Actual Coordinates	
Latitude	Longitude	Latitude	Longitude
34.926311	-76.661261	34.926310	-76.661255
34.925975	-76.660891	34.925973	-76.660903
34.924828	-76.663277	34.924828	-76.663268
34.925173	-76.663513	34.925187	-76.663507

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Dominic Vetrano and Karen Penchansky**

Proposed Lease #: **23-048BL/23-049WC**

Date: **8/23/2023**

Lease size: **2.85** acres # of Samples: **71**

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	8/23/2023	NA	O - no grass	6 - Muddy sand
2	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
3	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
4	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
5	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
6	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
7	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
8	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
9	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
10	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
11	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
12	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
13	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
14	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
15	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
16	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
17	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
18	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
19	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
20	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
21	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
22	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
23	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
24	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
25	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
26	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
27	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
28	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
29	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
30	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
31	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
32	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
33	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
34	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
35	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
36	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
37	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
38	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
39	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
40	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
41	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
42	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
43	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
44	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
45	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
46	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
47	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
48	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
49	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
50	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
51	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
52	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
53	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
54	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
55	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
56	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
57	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
58	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: **Dominic Vetrano and Karen Penchansky**

Proposed Lease #: **23-048BL/23-049WC**

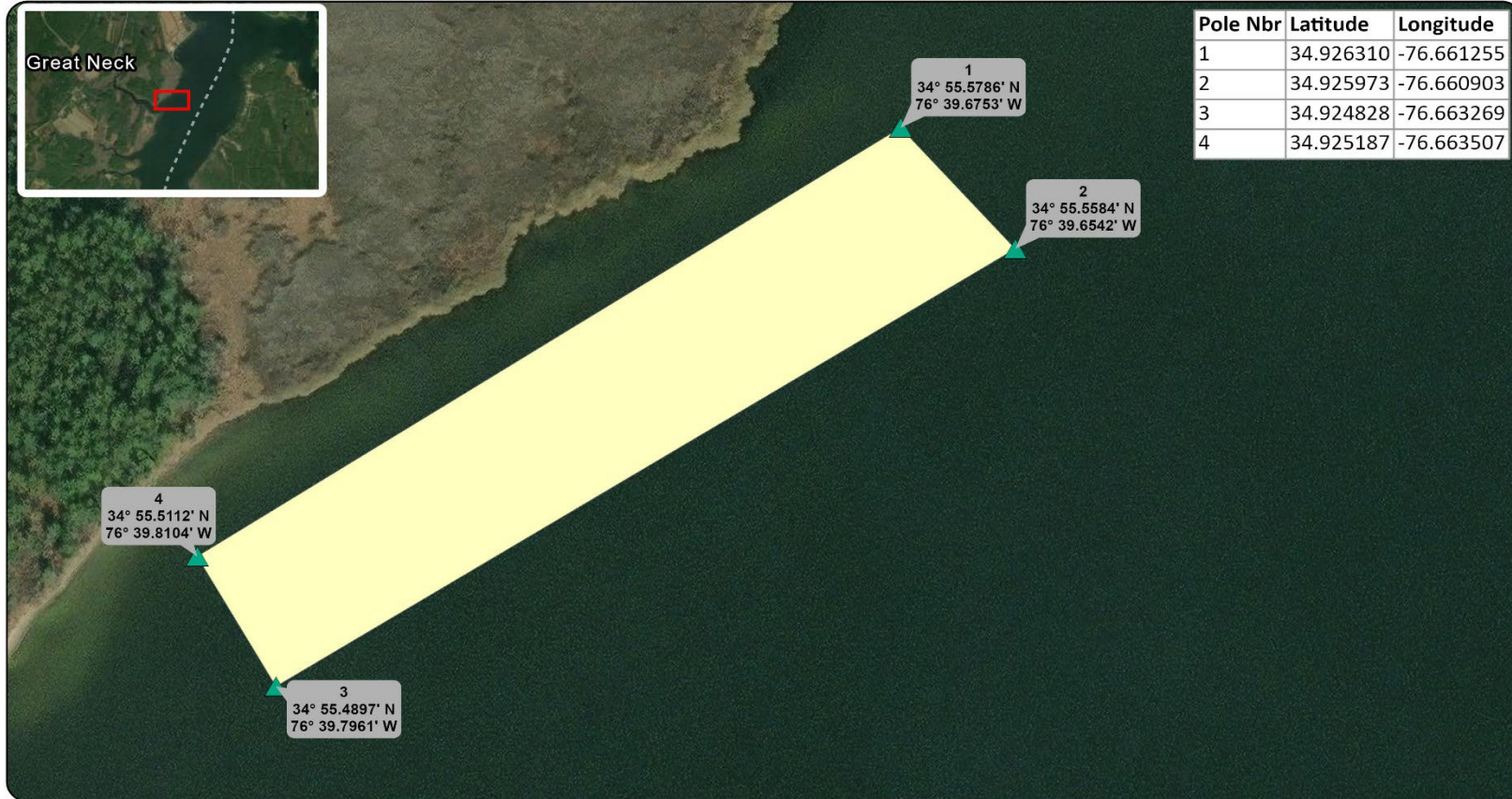
Date: **8/23/2023**

Lease size: **2.85** acres # of Samples: **71**

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
59	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
60	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
61	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
62	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
63	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
64	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
65	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
66	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
67	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
68	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
69	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
70	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
71	0	0	0	0	8/23/2023	NA	O - no grass	6 - Muddy sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				0.00%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	0	0				
TOTAL BUSHELS PER SPECIES		0	0	0	0.00	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 23-048BL/23-049WC
 Dominic Vetrano and Karen Penchansky

Date: 6/7/2024



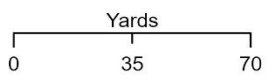
Pole Nbr	Latitude	Longitude
1	34.926310	-76.661255
2	34.925973	-76.660903
3	34.924828	-76.663269
4	34.925187	-76.663507

1
 34° 55.5786' N
 76° 39.6753' W

2
 34° 55.5584' N
 76° 39.6542' W

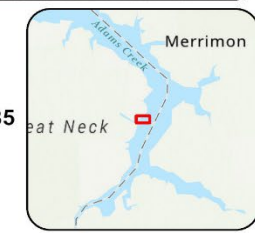
4
 34° 55.5112' N
 76° 39.8104' W

3
 34° 55.4897' N
 76° 39.7961' W



▲ Proposed Corner Points
 ■ Proposed Lease Area

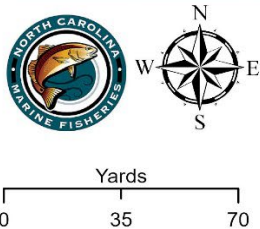
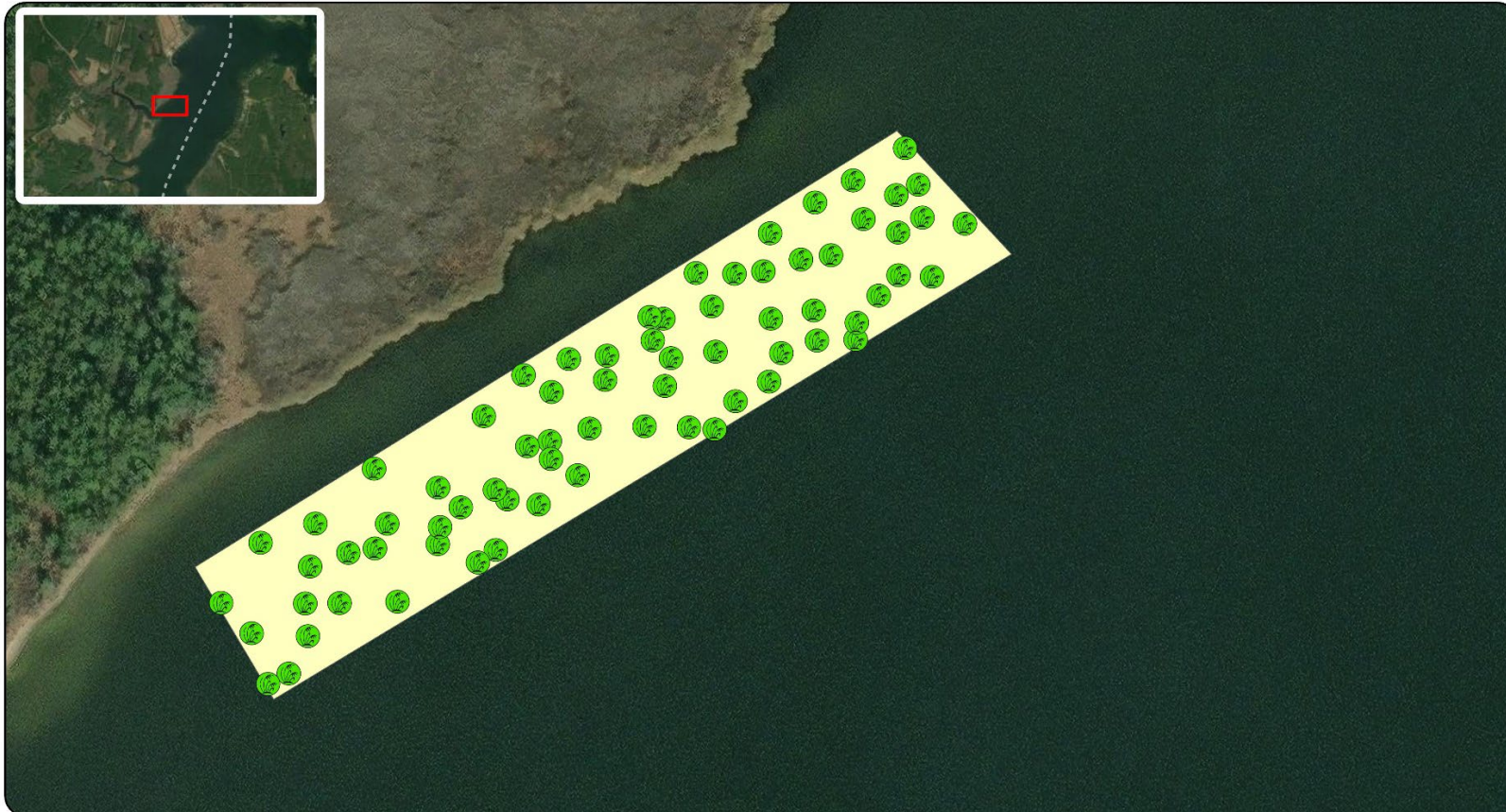
Acreage: 2.85



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

Proposed Lease ID/Number: 23-048BL/23-049WC
Dominic Vetrano and Karen PENCHANSKY

Date: 11/6/2023



SAV Present
● No
■ Proposed Lease Area

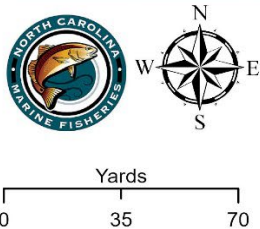
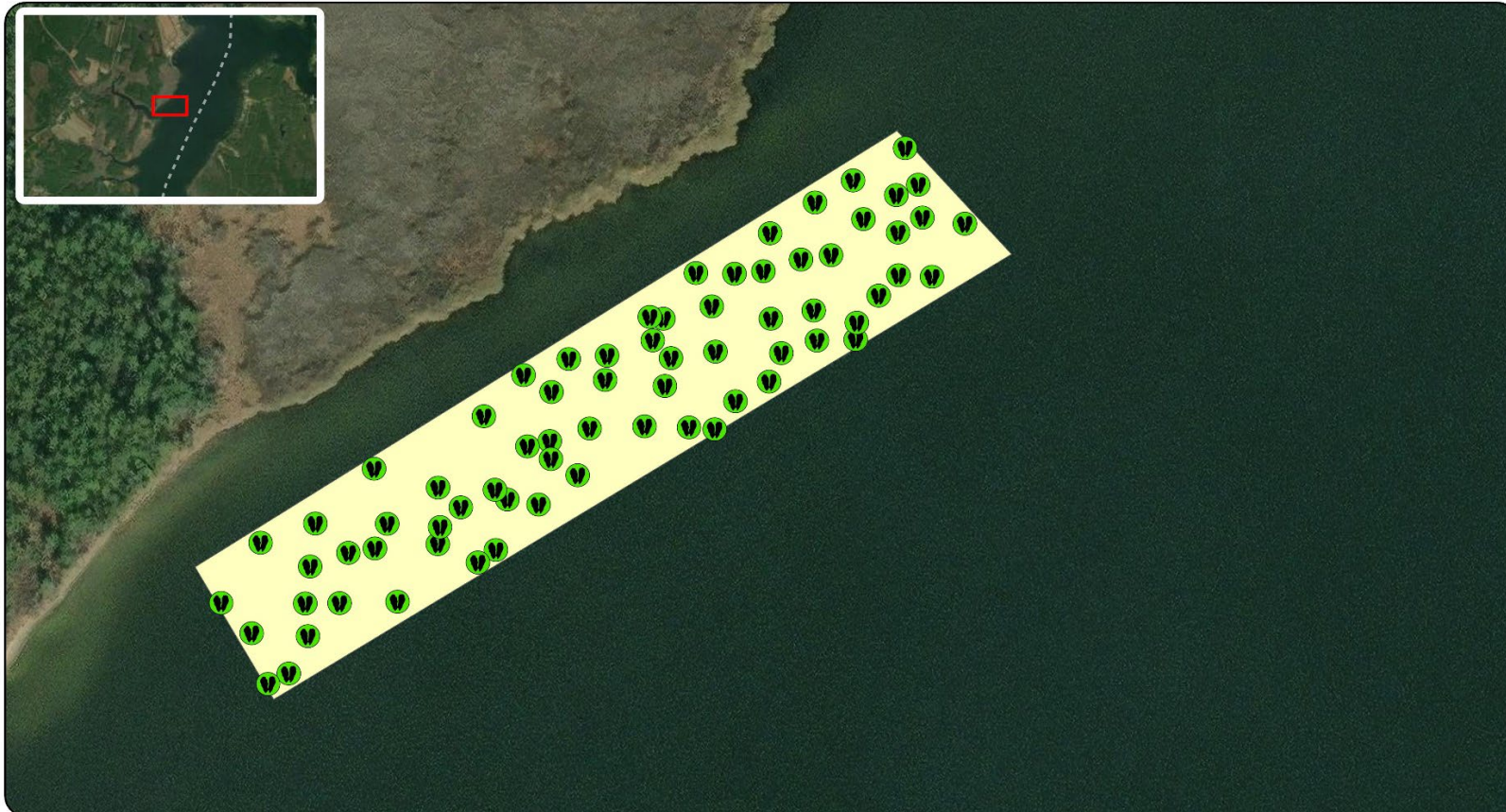
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Shellfish Present

-  No
-  Proposed Lease Area

Acreage: 2.85




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 Proposed Lease Area

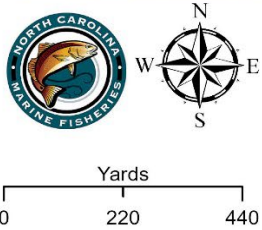
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Shellfish Growing Area Classification

- Approved
- Conditionally Approved - Open
- Closed Shellfish Harvest Area - Prohibited
- Proposed Lease Area

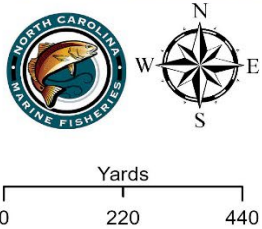
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Leases

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

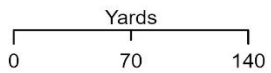
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- Duck Blind
- Proposed Lease Area

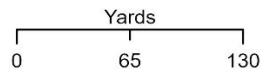
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-  Primary Nursery Areas
-  Proposed Lease Area

Acreage: 2.85



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- Federal Navigational Channel
- DCM Federal Navigational Channel Setbacks
- Distance
- Proposed Lease Area

Acreage: 2.85

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













Duck Blind