

Shellfish Lease Investigation Report	
Investigation Date	4/22/2024
Applicants name	Jacob Milchuck
Lease Number	24-005BL/24-006WC
County	Carteret
Waterbody/location	0535200000/Adams Creek
Proposed Lease Size (acres)	6.17
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)	1.5
Tidal Stage	K - Low
Water Temperature (°C)	22.2
Salinity (ppt)	15.43
Dissolved Oxygen (mg/L)	7.81
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 Oyster Mechanical Methods Prohibited Area	No
Other Comments	

Application Coordinates	
34.937965	-76.651331
34.937021	-76.649942
34.936132	-76.648359
34.935687	-76.648720
34.936493	-76.650632
34.937604	-76.651804

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Jacob Milchuck

Proposed Lease #: 24-0058L/24-006WC

Date: 4/22/2024

Lease size: 6.17 acres # of Samples: 154

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	4/22/2024	NA	O - no grass	1 - Hard sand
2	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
3	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
4	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
5	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
6	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
7	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
8	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
9	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
10	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
11	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
12	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
13	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
14	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
15	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
16	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
17	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
18	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
19	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
20	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
21	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
22	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
23	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
24	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
25	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
26	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
27	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
28	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
29	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
30	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
31	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
32	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
33	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
34	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
35	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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50	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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65	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
66	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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76	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
77	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Jacob Milchuck

Proposed Lease #: 24-0058L/24-006WC

Date: 4/22/2024

Lease size: 6.17 acres # of Samples: 154

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
78	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
79	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
80	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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90	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
91	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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93	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
94	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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103	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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109	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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124	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
125	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
126	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
127	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
128	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
129	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
130	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
131	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
132	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
133	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
134	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
135	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
136	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
137	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
138	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
139	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
140	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
141	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
142	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
143	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
144	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
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146	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
147	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
148	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
149	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
150	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
151	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
152	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
153	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand
154	0	0	0	0	4/22/2024	NA	O - no grass	1 - Hard sand

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Jacob Milchuck

Proposed Lease #: 24-005BL/24-006WC

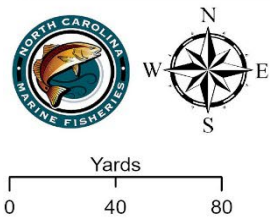
Date: 4/22/2024

Lease size: 6.17 acres **# of Samples:** 154

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				
	0				0%	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: 24-005BL/24-006WC Jacob Milchuck

Date: 7/12/2024

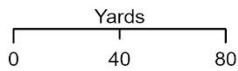
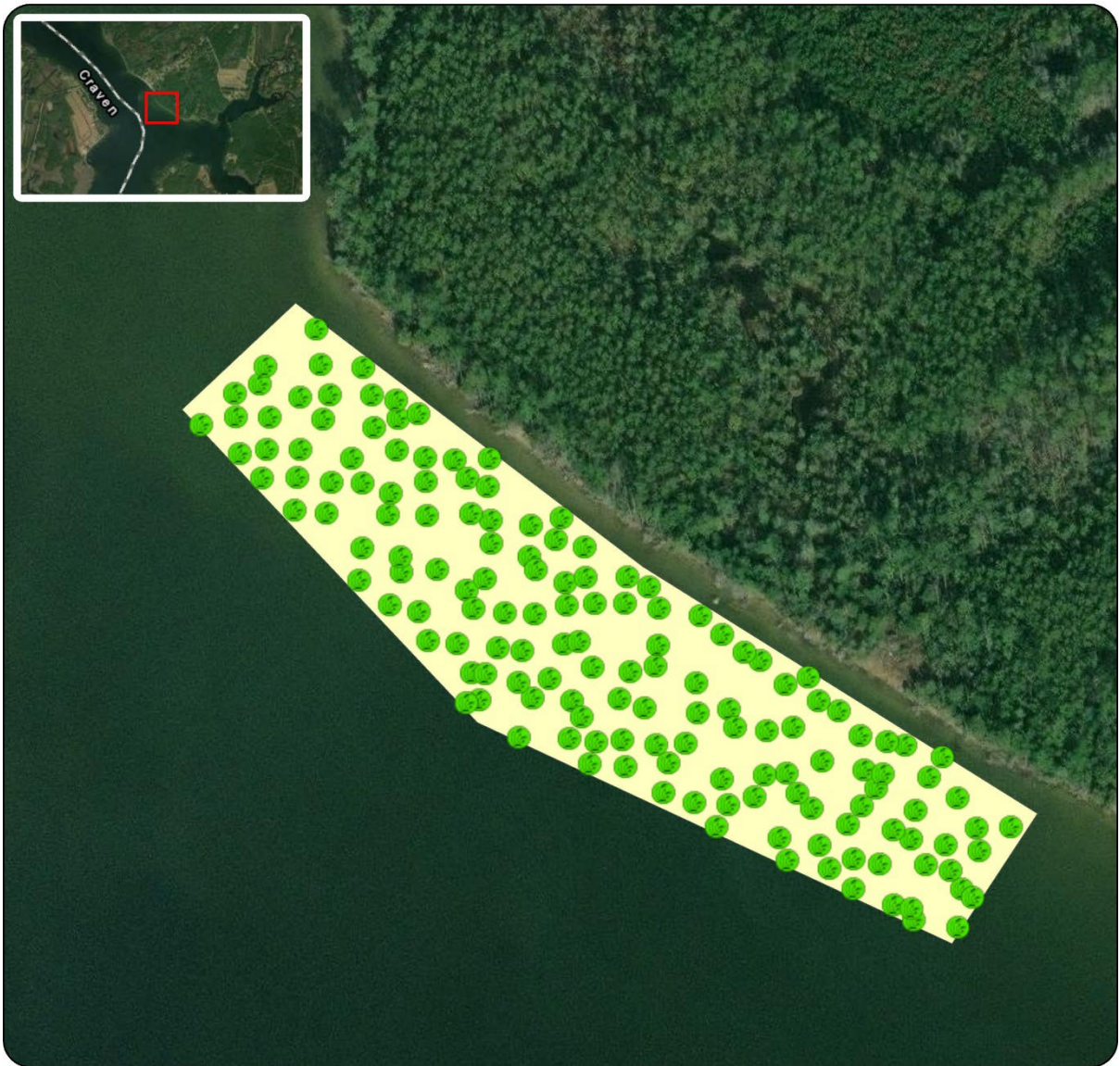


▲ Proposed Corner Points
 Proposed Lease Area **Acreage: 6.17**
 Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US



Proposed Lease ID/Number: 24-005BL/24-006WC
Jacob Milchuck

Date: 7/15/2024



● No SAV Present

■ Proposed Lease Area

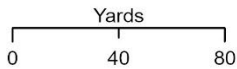
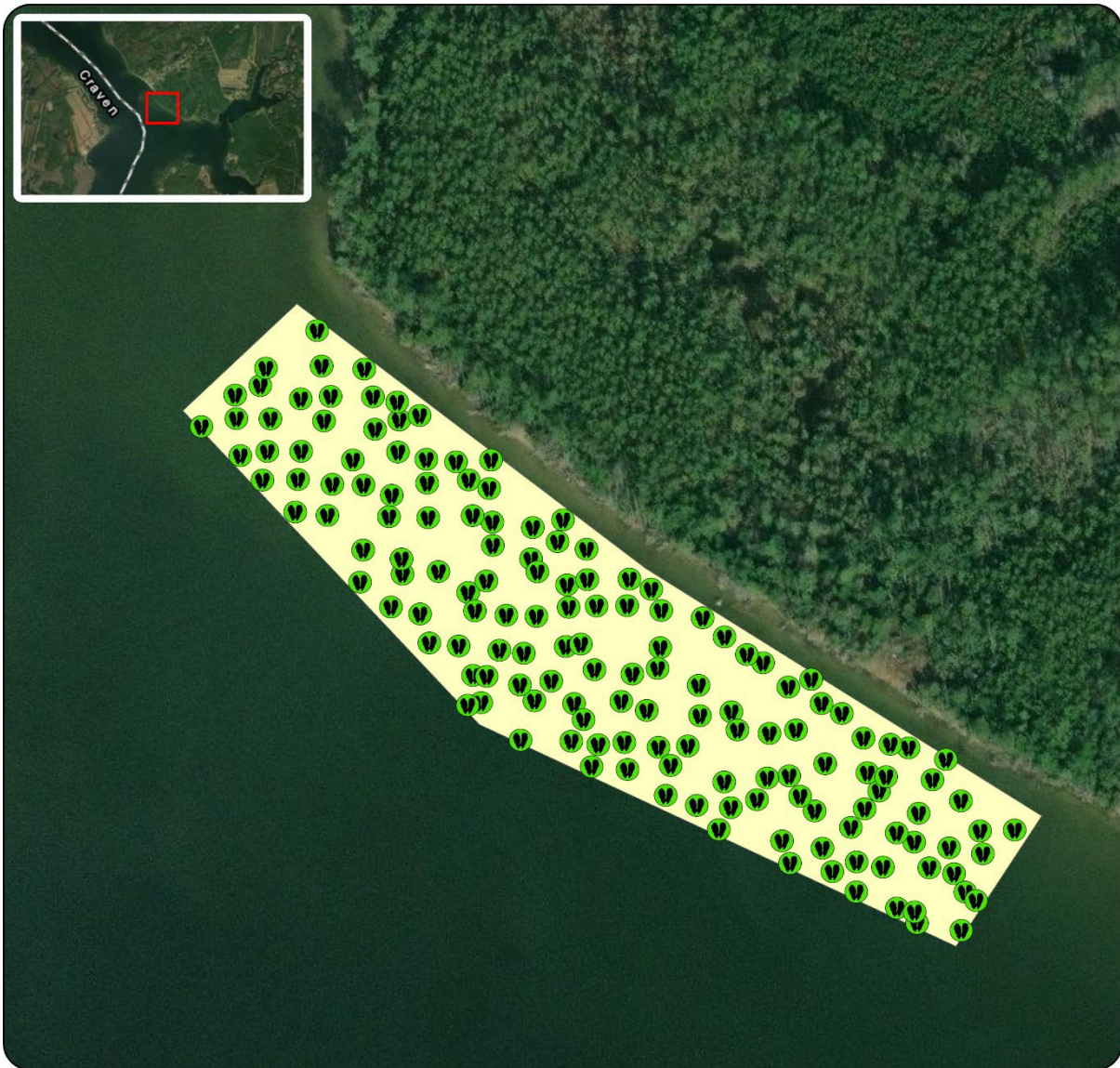
Acreage: 6.17

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



Proposed Lease ID/Number: 24-005BL/24-006WC
Jacob Milchuck

Date: 7/15/2024



Shellfish Present

No

Proposed Lease Area

Acreage: 6.17


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



Proposed Lease ID/Number: 24-005BL/24-006WC
Jacob Milchuck

Date: 7/15/2024



 Proposed Lease Area

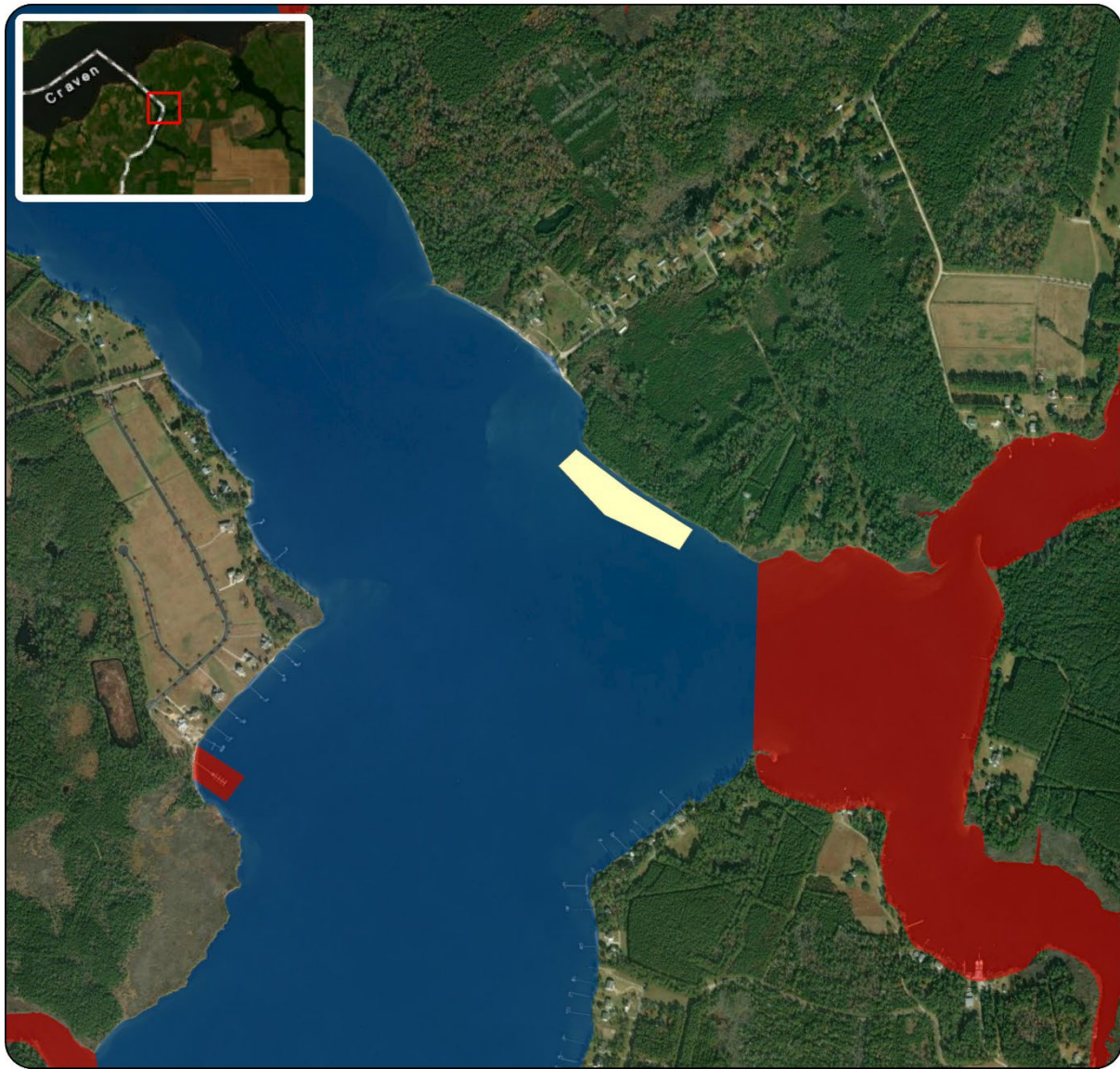
Acreage: 6.17

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



Proposed Lease ID/Number: 24-005BL/24-006WC
Jacob Milchuck

Date: 7/15/2024



Shellfish Growing Area Classification

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

Acreage: 6.17






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



Proposed Lease ID/Number: 24-005BL/24-006WC
Jacob Milchuck

Date: 7/15/2024



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

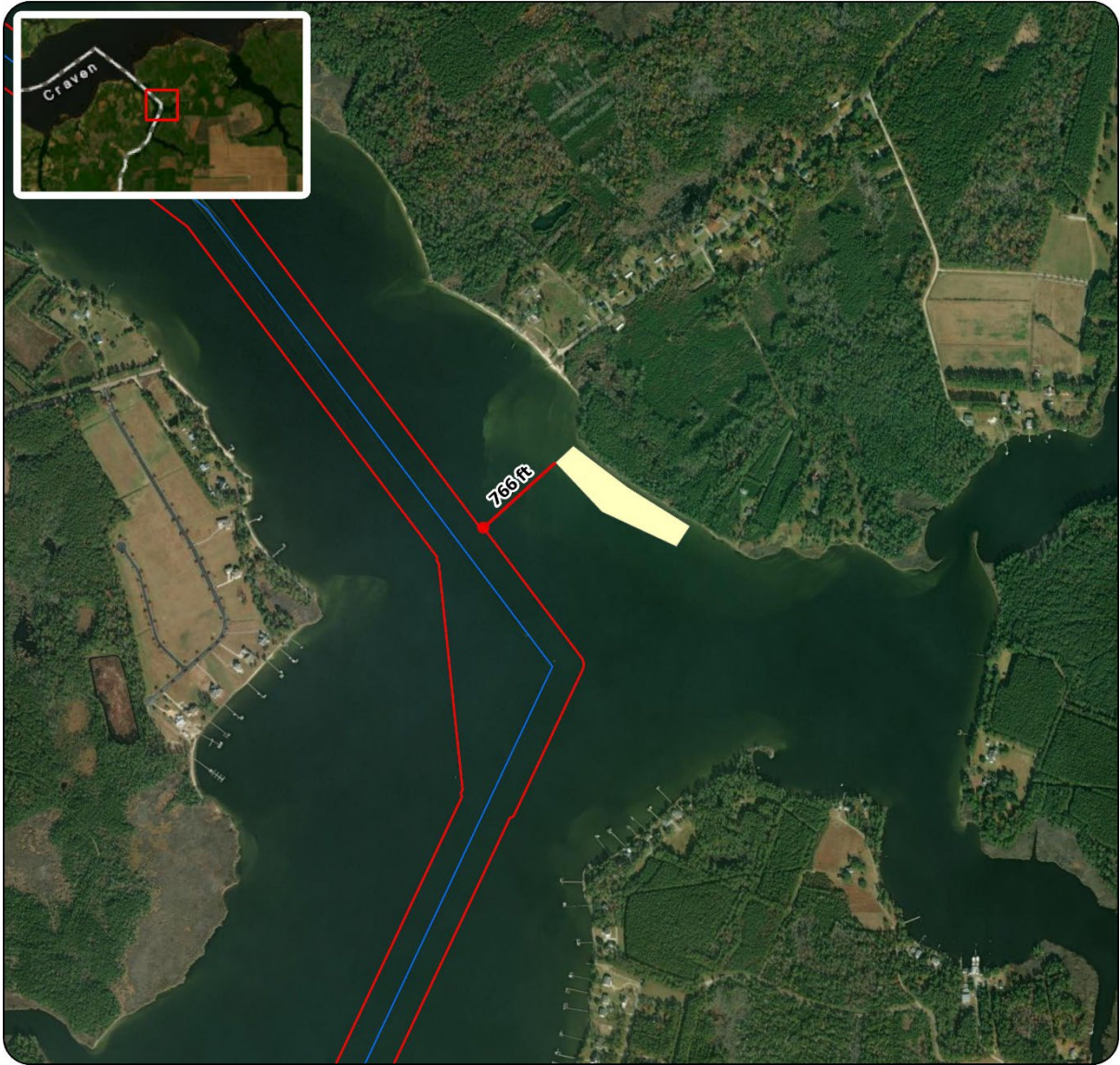
Acreage: 6.17

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



Proposed Lease ID/Number: 24-005BL/24-006WC
Jacob Milchuck

Date: 7/15/2024



- Navigational Channel Centerline
- Setback
- Proposed Lease Area

Acreage: 6.17

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









**PROPOSED SHELLFISH
BOTTOM LEASE 24-005BL
WATER COLUMN 24-006WC**

JACOB MILCHUCK
March 13, 2024
6.17 ACRES

FOR ADDITIONAL INFORMATION CALL:

**N.C. DIVISION OF MARINE FISHERIES
HABITAT & ENHANCEMENT SECTION
POST OFFICE BOX 769, MOREHEAD CITY, NC 28557
TELEPHONE: 252-515-5480**





