

Shellfish Lease Investigation Report	
Investigation Date	5/5/21 & 6/22/21
Applicants name	Kimberly Watters & Stephen Boyette
Lease Number	20-046BL
County	New Hanover
Waterbody/location	Mainland Areas (near Middle Sound ICW)/ 1501000000
Proposed Lease Size (acres)	0.55
Lease Type	Bottom
Investigation Team	D. Walters/A. Frost
Gear Used	935 - Hand Sampling
Sediment Type	1 - Hard Sand
Bottom Composition	B - grass
Depth (m)	0.5
Tidal Stage	Low
Water Temperature (°C)	23.3
Salinity (ppt)	33.8
Dissolved Oxygen (mg/L)	4.3
Comments on SAV in or around Proposed Lease location	Visible SAV
Other Species Collected	
In PNA?	No
In Polluted Area?	No - Conditionally Approved Open
In Mechanical Clam Harvest Area?	No
In Mechanical Methods Prohibited Area	Yes
Other Comments	7/15/21 (pole modified verification)

Application Coordinates		Modified Application Coordinates		Investigation Coordinates		Modified Investigation Coordinates	
34.25870000	-77.77513333	34.25925879	-77.77456906	34.25926583	-77.77458300	-77.77467690	34.25929122
34.25895000	-77.77488333	34.25909080	-77.77486696	34.25865700	-77.77505067	-77.77498856	34.25914406
34.25931667	-77.77461667	34.25866121	-77.77507186	34.25892033	-77.77542900	-77.77490790	34.25891272
34.25958333	-77.77491667	34.25891122	-77.77545691	34.25909167	-77.77487017	-77.77506573	34.25864422
34.25921667	-77.77526667	34.25917789	-77.77520691	34.25949150	-77.77488783	-77.77543073	34.25886872
34.25895000	-77.77551667	34.25950164	-77.77489613			-77.77514440	34.25911322
						-77.77512890	34.25918372
						-77.77490740	34.25946672

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Kimberly Watters & Stephen Boyette

Proposed Lease #: 20-046BL

Date: 5/5/21 & 6/22/21

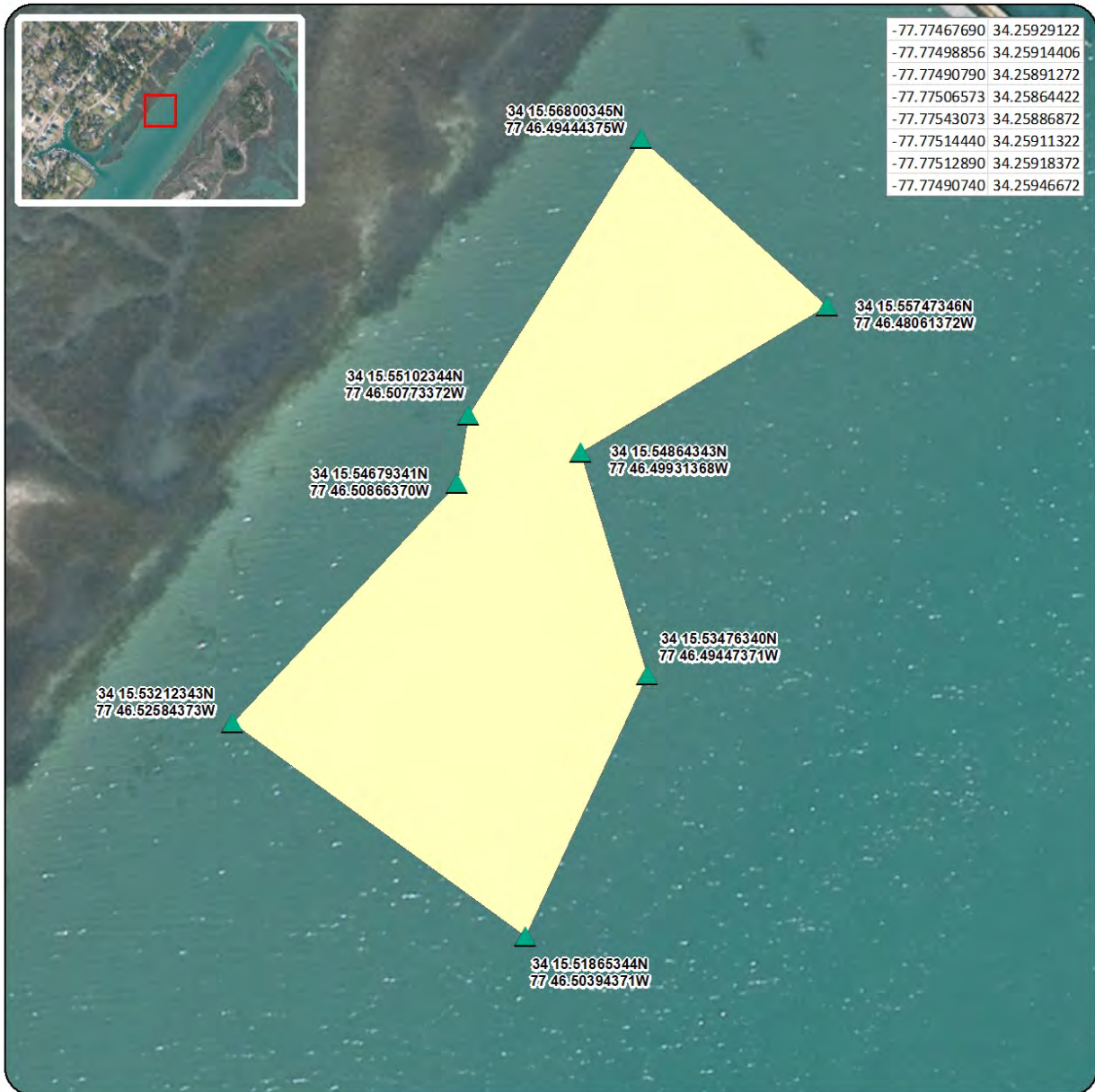
Lease size: 0.55 acres

of Samples: 14

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	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
2	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
3	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
4	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
5	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
6	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
7	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
8	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
9	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
10	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
11	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
12	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
13	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
14	0	0	0	0	5/5/21 & 6/22/21		B - grass	1 - Hard Sand
	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	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 20-046BL Kimberly Watters and Steve Boyette

Date: 7/27/2021



▲ Adj. Proposed Lease Area
 ■ Adj. Proposed Lease Area

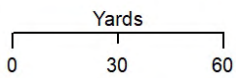
Acreage: 0.55

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 20-046BL
Kimberly Watters and Steve Boyette

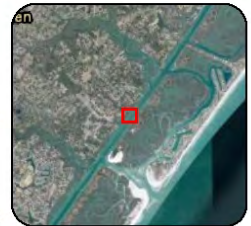
Date: 7/27/2021



Adj. Proposed Lease Area

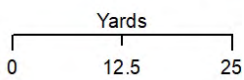
Acreage: 0.55


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





Proposed Lease ID/Number: 20-046BL
Kimberly Watters and Steve Boyette

Date: 7/27/2021



 No Bivalve Shellfish Present

 Other - SAV

 Adj. Proposed Lease Area

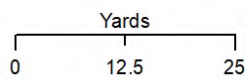
Acreage: 0.55





Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 20-046BL
Kimberly Watters and Steve Boyette

Date: 7/27/2021



-  No SAV Present
-  SAV Present
-  Other - SAV
-  Adj. Proposed Lease Area

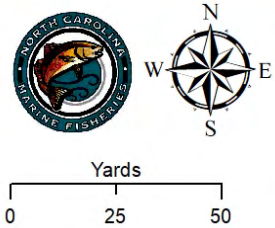
Acreage: 0.55

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 20-046BL
Kimberly Watters and Steve Boyette

Date: 7/27/2021



- Adj. Proposed Lease Area
 - Approved
 - Conditionally Approved - Open
 - CSHA - Prohibited
- Acreage: 0.55**

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



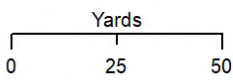
Proposed Lease ID/Number: 20-046BL
Kimberly Watters and Steve Boyette

Date: 7/27/2021



Adj. Proposed Lease Area

Acreage: 0.55



Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet











Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Kimberly Watters & Stephen Boyette

Proposed Lease #: 20-046BL

Date: 5/5/21 & 6/22/21

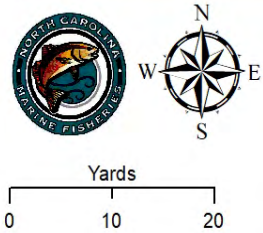
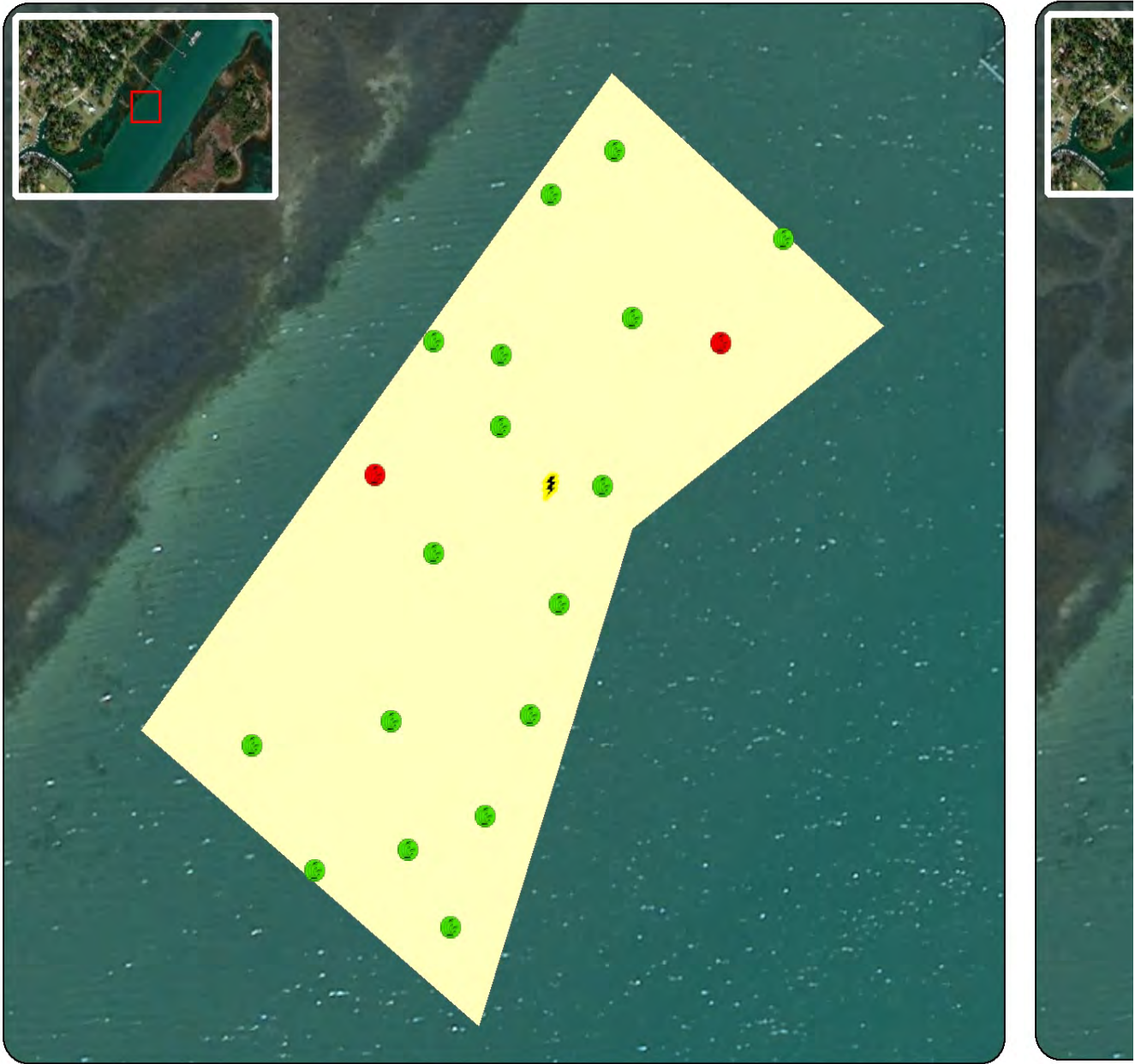
Lease size: 0.55 acres

of Samples: 19

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	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
2	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
3	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
4	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
5	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
6	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
7	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
8	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
9	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
10	2	0	0	0	5/5/21 & 6/22/21	Eel grass, shoal grass. Move 20ft east	B - grass	1 - Hard Sand
11	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
12	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
13	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
14	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
15	2	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
16	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
17	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
18	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
19	0	0	0	0	5/5/21 & 6/22/21	NA	B - grass	1 - Hard Sand
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	2				11%	OF SAMPLES CONTAINED SAV		
TOTAL OF EACH SPECIES		0	0	0				
TOTAL BUSHELS PER SPECIES		0	0	0	0	TOTAL BUSHELS OF SHELLFISH PER ACRE		

Proposed Lease ID/Number: 20-046BL
Kimberly Watters and Steve Boyette

Date: 5/10/2021



- No SAV Present
- SAV Present
- ⚡ Other
- Proposed Lease Area

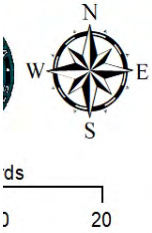
Acreage: 0.70

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 20-046BL
Kimberly Watters and Steve Boyette

Date: 5/10/2021



- No Bivalve Shellfish Present
- Other
- Proposed Lease Area

Acreage: 0.70

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet





