1 of 9

Shellfish Lease Investigation Report							
Investigation Date	11/15/2022						
Applicants name	Richard D. Thomas						
Lease Number	22-074WC						
County	Pender						
Waterbody/location	Waters Bay						
Proposed Lease Size (acres)	1.3						
Lease Type	Water Column only						
Investigation Team	G. Stilson/S. Tripp/D. Walters						
Gear Used							
Sediment Type							
<b>Bottom Composition</b>							
Depth (m)							
Tidal Stage							
Water Temperature (°C)							
Salinity (ppt)							
Dissolved Oxygen (mg/L)							
Comments on SAV in or around Proposed Lease location							
Other Species Collected In PNA?	Voc						
In Polluted Area?	Yes						
In Mechanical Clam Harvest	No: Conditionally Approved - Open						
Area?	No						
In Mechanical Methods	NO						
Prohibited Area	Yes						
Other Comments	On Bottom lease 432						

Application	Coordinates	Actual Coordinates			
34.44624000	-77.54424400	-77.54377446	34.44608268		
34.44612800	-77.54380400	-77.54499812	34.44537101		
34.44534000	-77.54501700	-77.54542629	34.44555201		
34.44558800	-77.54542500	-77.54424246	34.44623934		

Coordinate Changes 2 of 9

### Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Richard D. Thomas Proposed Lease #: 22-074WC Date: 11/15/2022

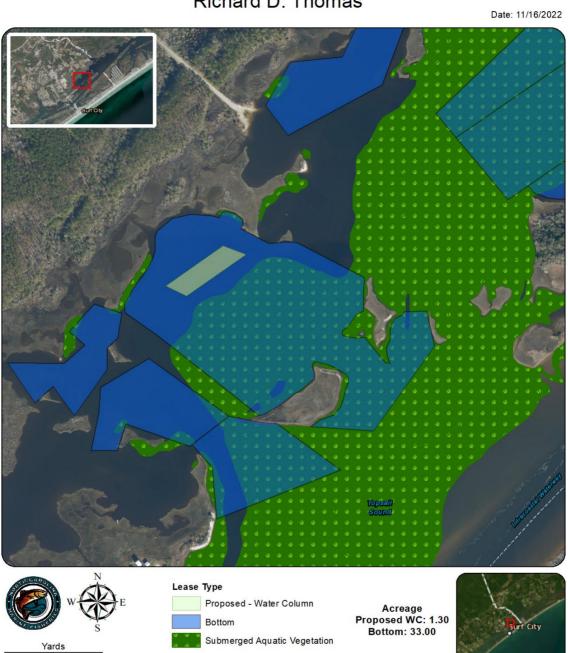
Lease size:	1.3	acres		# of Samples:	0			
Sample #	Presence of SAV  Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
1	No Samples Required			11/15/2022	NA	0	0	
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				#DIV/0!	OF SAMPLES CONTAINED SAV	1	
TOTAL OF EACH SPECIES 0		0	0	0				
TOTAL BUSHELS PER SPECIES 0		0	0	#DIV/0!	TOTAL BUSHELS OF SHELLFISH	I PER ACRE		
	•			•	•		•	

Sample Data 3 of 9

Date: 11/16/2022



Lease Investigation Map 4 of 9



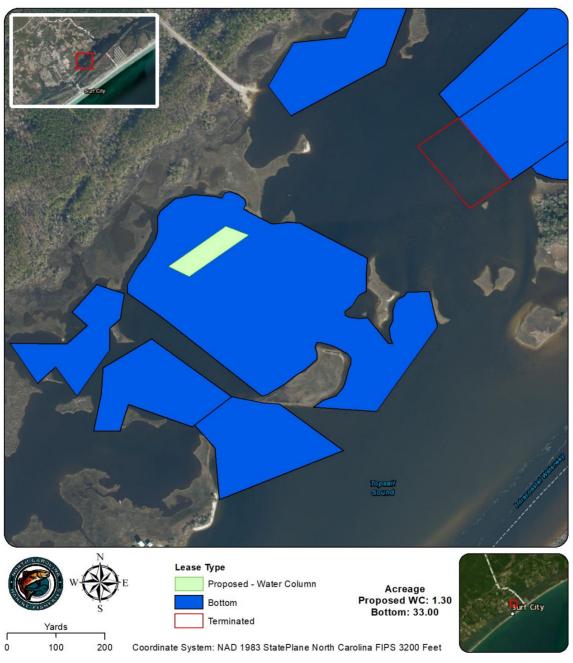
Lease Investigation Map 5 of 9

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet

100

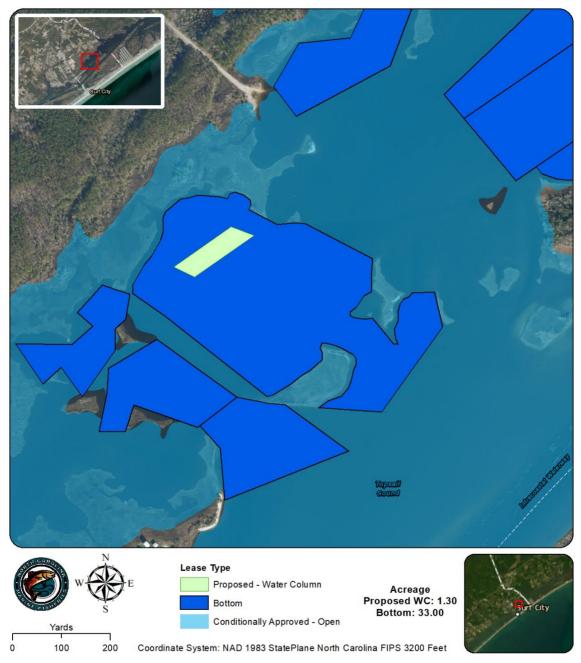
200

Date: 11/16/2022



Lease Investigation Map 6 of 9

Date: 11/16/2022



Lease Investigation Map 7 of 9





Lease Investigation Photos 8 of 9





Lease Investigation Photos 9 of 9