

| Shellfish Lease Investigation Report | |
|---|-----------------------------------|
| Investigation Date | 9/7/2022 |
| Applicants name | Austin Goodwin |
| Lease Number | 22-025BL/22-026WC |
| County | Carteret |
| Waterbody/location | Ward Creek |
| Proposed Lease Size (acres) | 3.44 |
| Lease Type | Bottom/Water Column |
| Investigation Team | R. Farnell/G. Stilson/D. Walters |
| Gear Used | 766 - Patent Tong |
| Sediment Type | 9 - mud |
| Bottom Composition | O - no grass |
| Depth (m) | 1 |
| Tidal Stage | Falling |
| Water Temperature (°C) | 28.3 |
| Salinity (ppt) | 34.9 |
| Dissolved Oxygen (mg/L) | 4.9 |
| Comments on SAV in or around Proposed Lease location | |
| Other Species Collected | |
| In PNA? | Special Secondary Nursery Area |
| In Polluted Area? | No: Conditionally Approved - Open |
| In Mechanical Clam Harvest Area? | No |
| In Mechanical Methods Prohibited Area | Yes |
| Other Comments | |

| Application Coordinates | | Actual Coordinates | |
|-------------------------|-------------|--------------------|-------------|
| -76.57695000 | 34.77221667 | -76.57498024 | 34.77181774 |
| -76.57503333 | 34.77185000 | -76.57538557 | 34.77119974 |
| -76.57540000 | 34.77121667 | -76.57716090 | 34.77144591 |
| -76.57718333 | 34.77145000 | -76.57697190 | 34.77218740 |

Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: Austin Goodwin

Proposed Lease #: 22-025BL/22-026WC

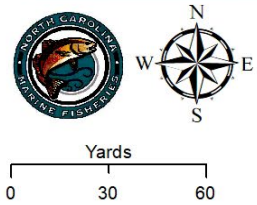
Date: 9/7/2022

Lease size: 3.44 acres # of Samples: 60

| 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 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 2 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 3 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 4 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 5 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 6 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 7 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 8 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 9 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 10 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 11 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 12 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 13 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 14 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 15 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 16 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 17 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 18 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 19 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 20 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 21 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 22 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 23 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 24 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 25 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 26 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 27 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 28 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 29 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 30 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 31 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 32 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 33 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 34 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 35 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 36 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 37 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 38 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 39 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 40 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 41 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 42 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 43 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 44 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 45 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 46 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 47 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 48 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 49 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 50 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 51 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 52 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 53 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 54 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 55 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 56 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 57 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 58 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 59 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| 60 | 0 | 0 | 0 | 0 | 9/7/2022 | NA | O - no grass | 9 - mud |
| | 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: 22-025BL/22-026WC
Austin Goodwin

Date: 9/16/2022



- ▲ Proposed Corner Points
- Proposed Lease Area

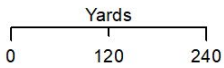
Acreage: 3.44


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 22-025BL/22-026WC
Austin Goodwin

Date: 9/16/2022



 Proposed Lease Area

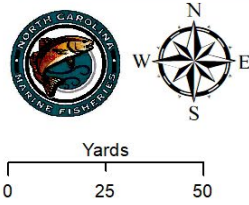
Acreage: 3.44

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 22-025BL/22-026WC
Austin Goodwin

Date: 9/16/2022



- No Bivalve Shellfish Present
- Proposed Lease Area

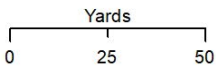
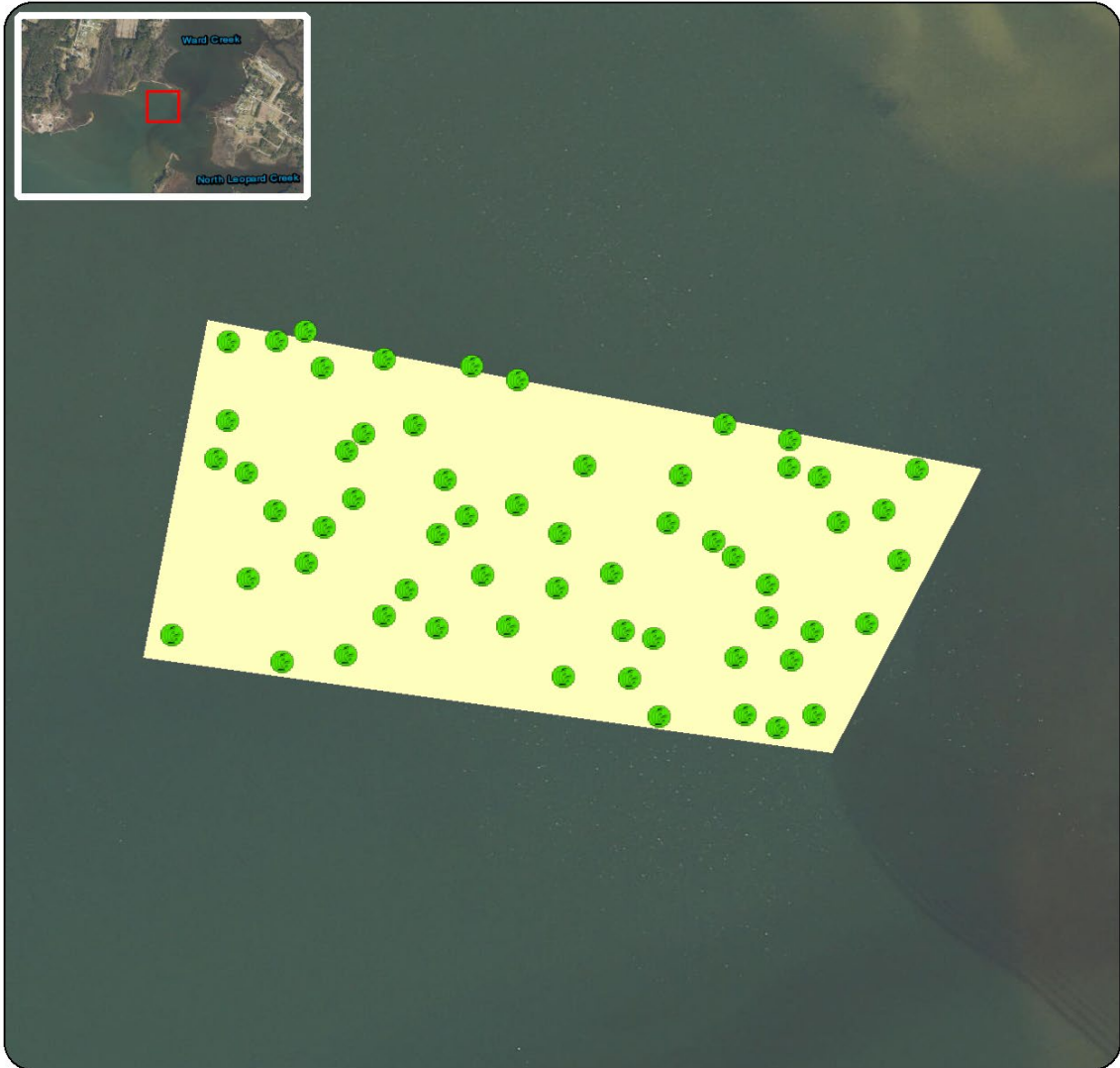
Acreage: 3.44

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



Proposed Lease ID/Number: 22-025BL/22-026WC
Austin Goodwin

Date: 9/16/2022



- No SAV Present
- Proposed Lease Area

Acreage: 3.44

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet




Proposed Lease ID/Number: 22-025BL/22-026WC
Austin Goodwin

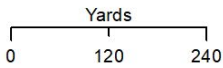
Date: 9/16/2022



 Submerged Aquatic Vegetation

 Proposed Lease Area

Acreage: 3.44

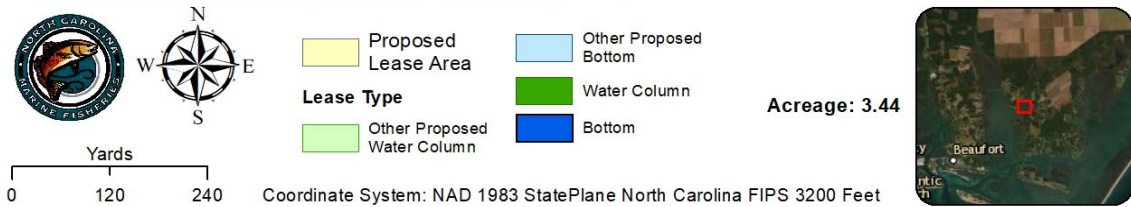
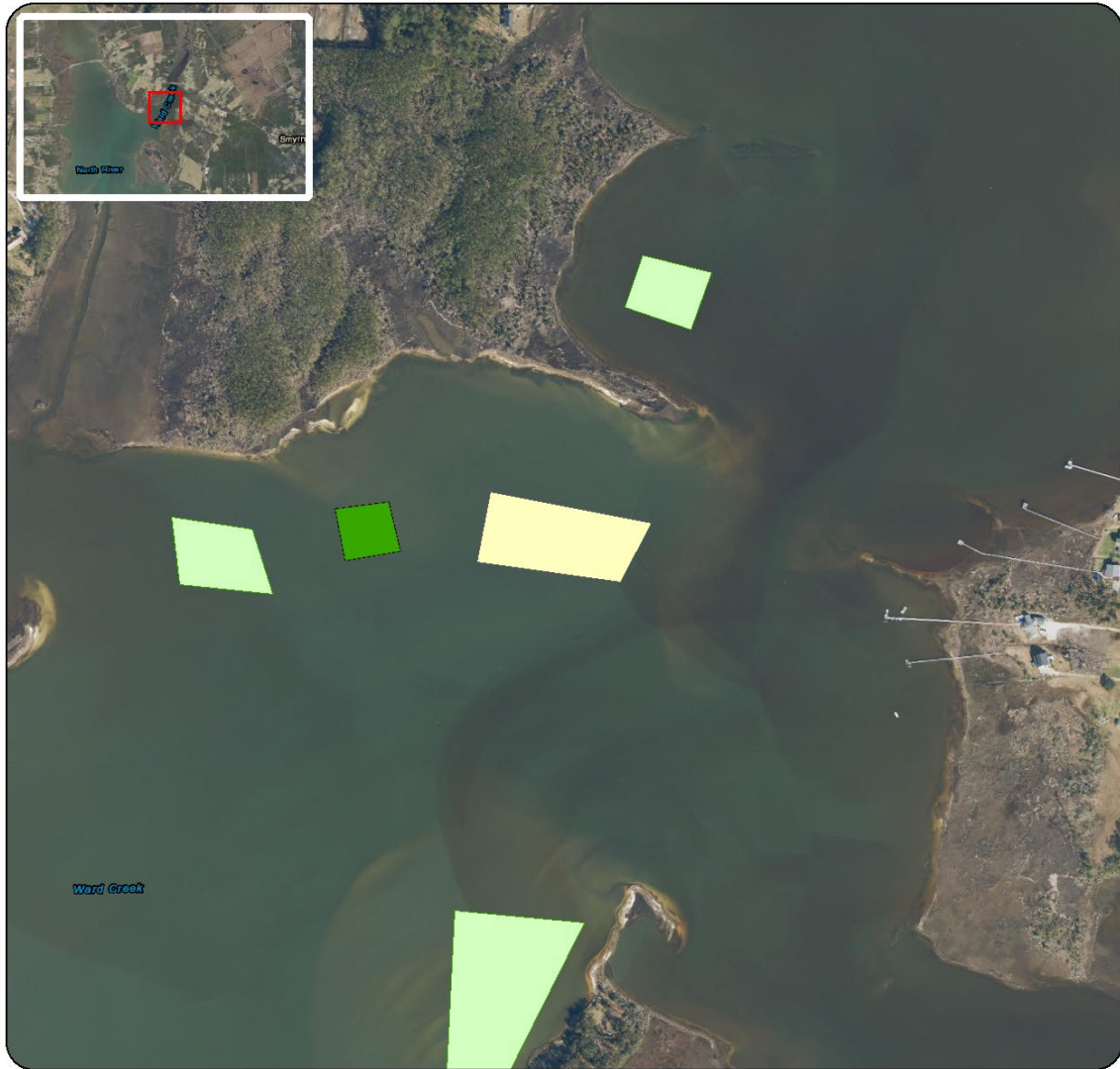


Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet



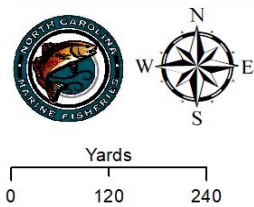
Proposed Lease ID/Number: 22-025BL/22-026WC
Austin Goodwin

Date: 9/16/2022



Proposed Lease ID/Number: 22-025BL/22-026WC
Austin Goodwin

Date: 9/16/2022



- Proposed Lease Area
- SGA Current Classifications**
- Conditionally Approved - Open
- Restricted

Acreage: 3.44

Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3200 Feet

