

| <b>Shellfish Lease Investigation Report</b>                 |                                   |
|---|-----------------------------------|
| <b>Investigation Date</b>                                   | 9/18/2024                         |
| <b>Applicants name</b>                                      | Bryan L. Snyder                   |
| <b>Lease Number</b>   | 24-032BL/24-033WC                 |
| <b>County</b>   | Carteret                          |
| <b>Waterbody/location</b>                                   | 1001000000/White Oak River        |
| <b>Proposed Lease Size (acres)</b>                          | 2.98                              |
| <b>Lease Type</b>   | Bottom/Water Column               |
| <b>Investigation Team</b>                                   | C. Grady/ S. Tripp/ E. Ellis      |
| <b>Gear Used</b>  | 766 - Patent Tong                 |
| <b>Sediment Type</b>  | 6 - Muddy sand                    |
| <b>Bottom Composition</b>                                   | O - no grass                      |
| <b>Depth (m) NW Corner</b>                                  | 1.6                               |
| <b>Depth (m) NE Corner</b>                                  | 1.2                               |
| <b>Depth (m) SE Corner</b>                                  | 1.2                               |
| <b>Depth (m) SW Corner</b>                                  | 1.4                               |
| <b>Depth (m) - Average</b>                                  | 1.4                               |
| <b>Tidal Stage</b>  | I - High                          |
| <b>Water Temperature (°C)</b>                               | 24.1                              |
| <b>Salinity (ppt)</b>                                       | 13.9                              |
| <b>Dissolved Oxygen (mg/L)</b>                              | 6                                 |
| <b>Comments on SAV in or around Proposed Lease location</b> | N/A                               |
| <b>Other Species Collected</b>                              | N/A                               |
| <b>In PNA?</b>  | No                                |
| <b>In Polluted Area?</b>                                    | No: Conditionally Approved - Open |
| <b>In Mechanical Clam Harvest Area?</b>                     | No                                |
| <b>In Oyster Mechanical Methods Prohibited Area</b>         | Yes                               |
| <b>Other Comments</b>                                       |                                   |

| <b>Application Coordinates</b> |            |
|--------------------------------|------------|
| Latitude                       | Longitude  |
| 34.698159                      | -77.095579 |
| 34.697852                      | -77.094962 |
| 34.696686                      | -77.096550 |
| 34.696999                      | -77.097135 |

**Proposed Shellfish Lease Biological Investigation Sampling Data**

Applicant: Bryan L. Snyder

Proposed Lease #: 24-032BL/24-033WC

Date: 9/18/2024

Lease size: 2.98 acres # of Samples: 74

| 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               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 2        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 3        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 4        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 5        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 6        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 7        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 8        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 9        | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 10       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 11       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 12       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 13       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 14       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 15       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 16       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 17       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 18       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 19       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 20       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 21       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 22       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 23       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 24       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 25       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 26       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 27       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 28       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 29       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 30       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 31       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 32       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 33       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 34       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 35       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 36       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 37       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 38       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 39       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 40       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 41       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 42       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 43       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 44       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 45       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 46       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 47       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 48       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 49       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 50       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 51       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 52       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 53       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 54       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 55       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 56       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 57       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 58       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 59       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 60       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 61       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 62       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 63       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 64       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 65       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 66       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 67       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 68       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 69       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 70       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 71       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 72       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 73       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
| 74       | 0                             | 0                               | 0                      | 0               | 9/18/2024      | NA        | O - no grass                    | 6 - Muddy sand |
|          | <b>SAV</b>                    | <b>Oysters (Eastern Oyster)</b> | <b>Clams (Quahogs)</b> | <b>Scallops</b> |                |           |                                 |                |
|          | <b>0</b>                      |                                 |                        |                 |                | <b>0%</b> | <b>OF SAMPLES CONTAINED SAV</b> |                |

**Proposed Shellfish Lease Biological Investigation Sampling Data**

Applicant: **Bryan L. Snyder**      Proposed Lease #: **24-032BL/24-033WC**      Date: **9/18/2024**  
 Lease size: **2.98** acres      # of Samples: **74**

| Sample #                         | Presence of SAV<br>Density class | # of Oysters<br>(Eastern Oyster) | # of Clams<br>(Quahogs) | # of Scallops | Date collected | Comments                                   | Bottom Comp. | Sediment Type |
|----------------------------------|----------------------------------|----------------------------------|-------------------------|---------------|----------------|--|--------------|---------------|
| <b>TOTAL OF EACH SPECIES</b>     |                                  | <b>0</b>                         | <b>0</b>                | <b>0</b>      |                |  |              |               |
| <b>TOTAL BUSHELS PER SPECIES</b> |                                  | <b>0</b>                         | <b>0</b>                | <b>0</b>      | <b>0.00</b>    | <b>TOTAL BUSHELS OF SHELLFISH PER ACRE</b> |              |               |

Proposed Lease ID/Number: 24-032BL/24-033WC  
 Bryan L. Snyder

Date: 9/19/2024



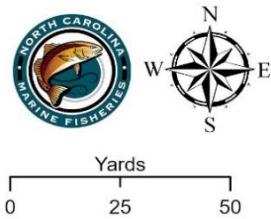
| Pole Nbr | Latitude  | Longitude  |
|----------|-----------|------------|
| 1        | 34.698159 | -77.095579 |
| 2        | 34.697852 | -77.094962 |
| 3        | 34.696686 | -77.09655  |
| 4        | 34.696999 | -77.097135 |

1  
 34° 41.8895' N  
 77° 5.7347' W

2  
 34° 41.8711' N  
 77° 5.6977' W

4  
 34° 41.8199' N  
 77° 5.8281' W

3  
 34° 41.8012' N  
 77° 5.7930' W



▲ Proposed Corner Points  
 ■ Proposed Lease Area

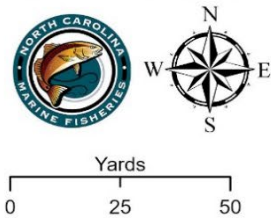
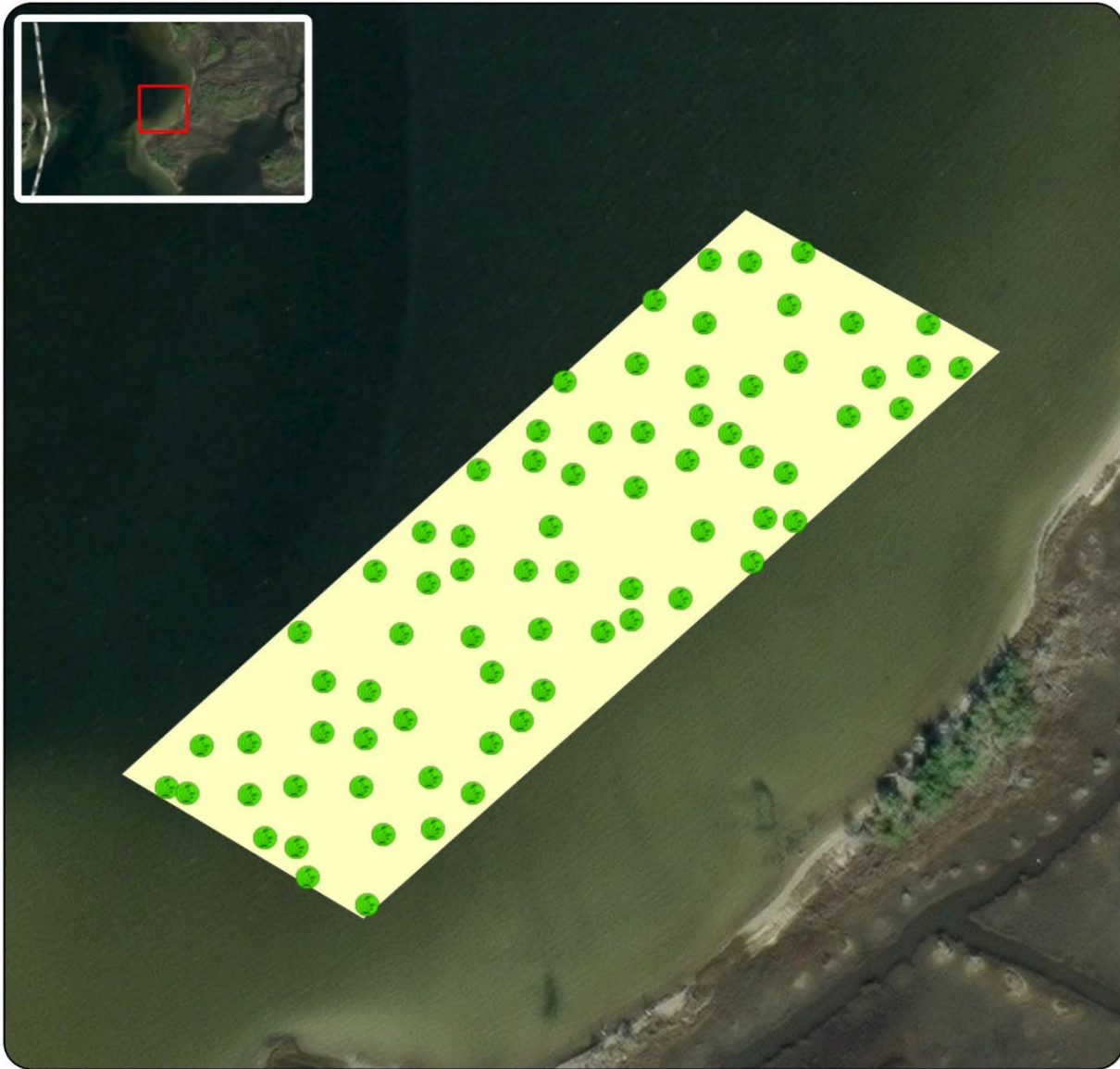
**Acreage: 2.98**

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



Proposed Lease ID/Number: 24-032BL/24-033WC  
Bryan L. Snyder

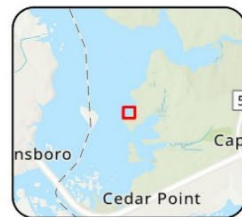
Date: 9/19/2024



- No SAV Present
- Proposed Lease Area

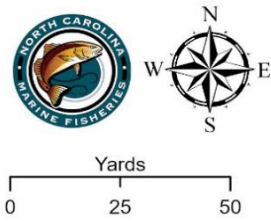
**Acreage: 2.98**

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





Proposed Lease ID/Number: 24-032BL/24-033WC  
Bryan L. Snyder

Date: 10/11/2024



Shellfish Present

-  No
-  Proposed Lease Area

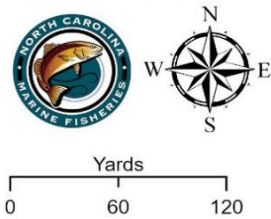
**Acreage: 2.98**

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



Proposed Lease ID/Number: 24-032BL/24-033WC  
Bryan L. Snyder

Date: 9/19/2024



 Proposed Lease Area

**Acreage: 2.98**

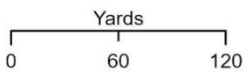
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Proposed Lease ID/Number: 24-032BL/24-033WC  
Bryan L. Snyder

Date: 9/19/2024



-  Proposed Lease Area
-  Submerged Aquatic Vegetation

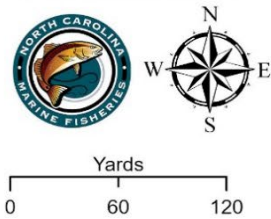
**Acreage: 2.98**

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



Proposed Lease ID/Number: 24-032BL/24-033WC  
Bryan L. Snyder

Date: 9/19/2024



Shellfish Growing Area Classification

- Conditionally Approved - Open
- Conditionally Approved - Closed
- Proposed Lease Area

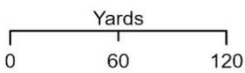
**Acreage: 2.98**

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



Proposed Lease ID/Number: 24-032BL/24-033WC  
Bryan L. Snyder

Date: 10/11/2024



- Terminated Lease
- Proposed Lease Area

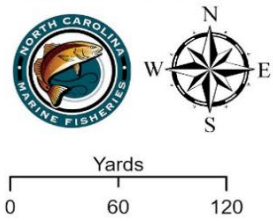
**Acreage: 2.98**

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



Proposed Lease ID/Number: 24-032BL/24-033WC  
Bryan L. Snyder

Date: 9/19/2024



- Sea Turtle Interaction
- No Contact Observation
- Proposed Lease Area

**Acreage: 2.98**

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









