

| <b>Shellfish Lease Investigation Report</b>                 |   |
|---|---|
| <b>Investigation Date</b>                                   | 8/11/2023                                 |
| <b>Applicants name</b>                                      | White Oak Oyster Company - Benjamin Davey |
| <b>Lease Number</b>   | 23-018BL/23-019WC                         |
| <b>County</b>   | Onslow                                    |
| <b>Waterbody/location</b>                                   | Bogue Inlet                               |
| <b>Proposed Lease Size (acres)</b>                          | 0.71                                      |
| <b>Lease Type</b>   | Bottom/Water Column                       |
| <b>Investigation Team</b>                                   | S. Tripp/A. Frost/R. Farnell              |
| <b>Gear Used</b>  | 935 - Hand Sampling                       |
| <b>Sediment Type</b>  | 1 - hard sand                             |
| <b>Bottom Composition</b>                                   | O - no grass                              |
| <b>Depth (m)</b>  | 0.25                                      |
| <b>Tidal Stage</b>  | Falling                                   |
| <b>Water Temperature (°C)</b>                               | 27.8                                      |
| <b>Salinity (ppt)</b>                                       | 39.23                                     |
| <b>Dissolved Oxygen (mg/L)</b>                              | 5.2                                       |
| <b>Comments on SAV in or around Proposed Lease location</b> |   |
| <b>Other Species Collected</b>                              |   |
| <b>In PNA?</b>  | No  |
| <b>In Polluted Area?</b>                                    | No - Approved                             |
| <b>In Mechanical Clam Harvest Area?</b>                     | No  |
| <b>In Mechanical Methods Prohibited Area</b>                | Yes                                       |
| <b>Other Comments</b>                                       |   |

| Application Coordinates |             | Actual Coordinates |            |
|-------------------------|-------------|--------------------|------------|
| -77.12086000            | 34.66796000 | -77.11995983       | 34.6679725 |
| -77.11995900            | 34.66794500 | -77.11995333       | 34.667639  |
| -77.11994400            | 34.66764200 | -77.12083167       | 34.6676648 |
| -77.12086600            | 34.66767400 | -77.12085333       | 34.6679732 |

## Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: White Oak Oyster Company - Benjamin Davey

Proposed Lease #: 23-018BL/23-019WC

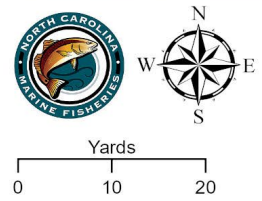
Date: 8/11/2023

Lease size: 0.71 acres # of Samples: 17

| 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             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 2                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 3                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 4                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 5                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 6                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 7                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 8                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 9                         | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 10                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 11                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 12                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 13                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 14                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 15                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 16                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| 17                        | 0                             | 0                             | 0                    | 0             | 8/11/2023      | NA                                  | O - no grass | 1 - hard sand |
| Summary                   |                               |                               |                      |               |                |                                     |              |               |
|                           | SAV                           | Oysters (Eastern Oyster)      | Clams (Quahogs)      | Scallops      |                |                                     |              |               |
|                           | 0                             |                               |                      |               | 0%             | OF SAMPLES CONTAINED SAV            |              |               |
| Totals                    |                               |                               |                      |               |                |                                     |              |               |
| 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: 23-018BL/23-019WC  
 White Oak Oyster Company - Benjamin Davey

Date: 8/15/2023



▲ Proposed Corner Point  
 ■ Proposed Lease Area

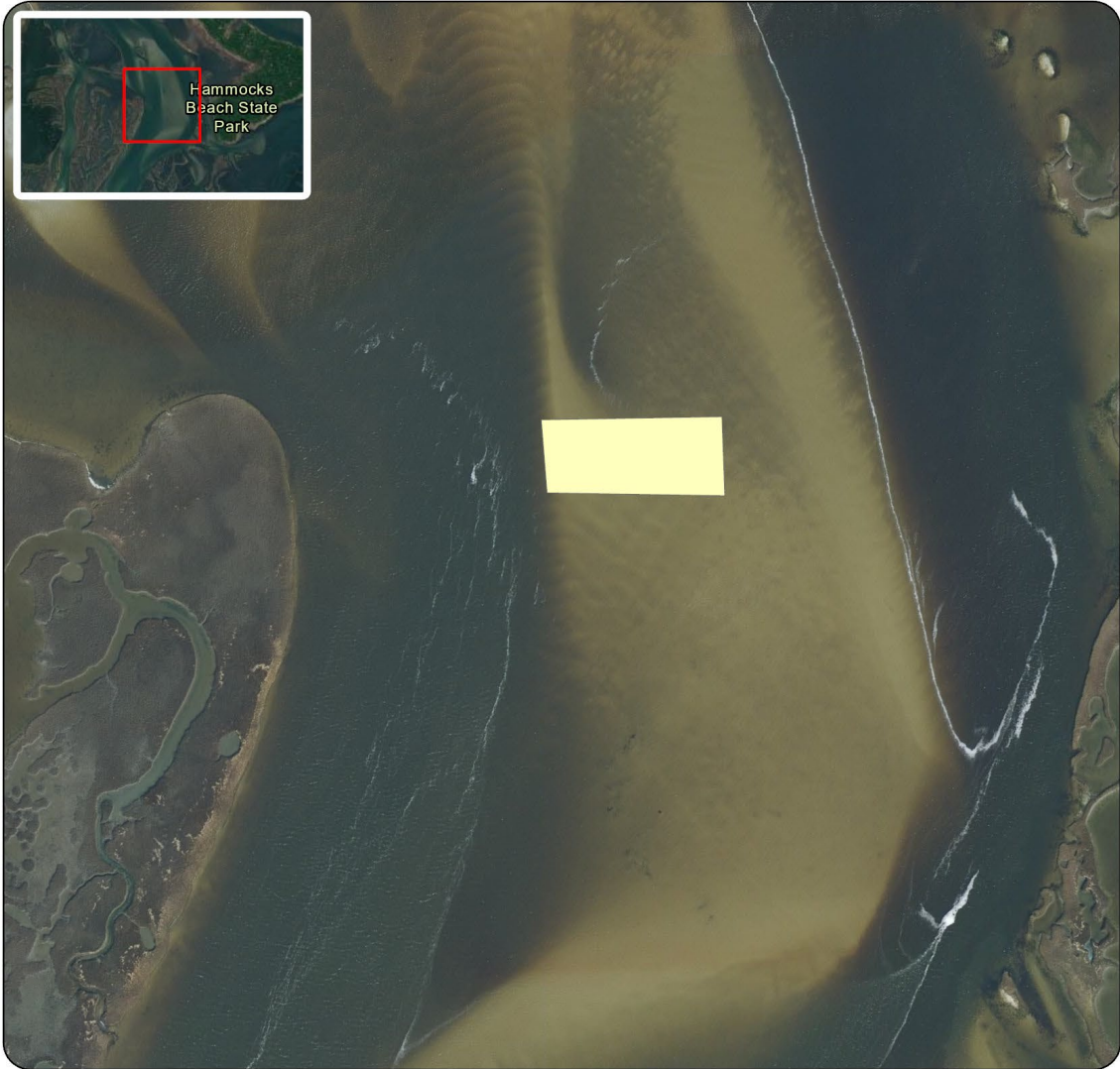
**Acreage: 0.71**

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



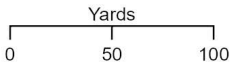
Proposed Lease ID/Number: 23-018BL/23-019WC  
White Oak Oyster Company - Benjamin Davey

Date: 8/15/2023



Proposed Lease Area

Acreage: 0.71



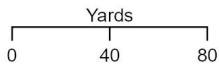
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US





Proposed Lease ID/Number: 23-018BL/23-019WC  
White Oak Oyster Company - Benjamin Davey

Date: 8/15/2023



- Duck Blind
- Shellfish Present**
- No
- Proposed Lease Area

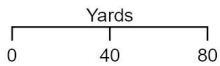
**Acreage: 0.71**

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



Proposed Lease ID/Number: 23-018BL/23-019WC  
White Oak Oyster Company - Benjamin Davey

Date: 8/15/2023



- No SAV Present
- Duck Blind
- Proposed Lease Area

**Acreage: 0.71**

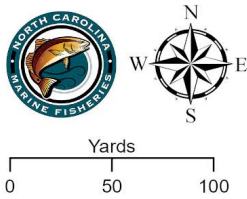
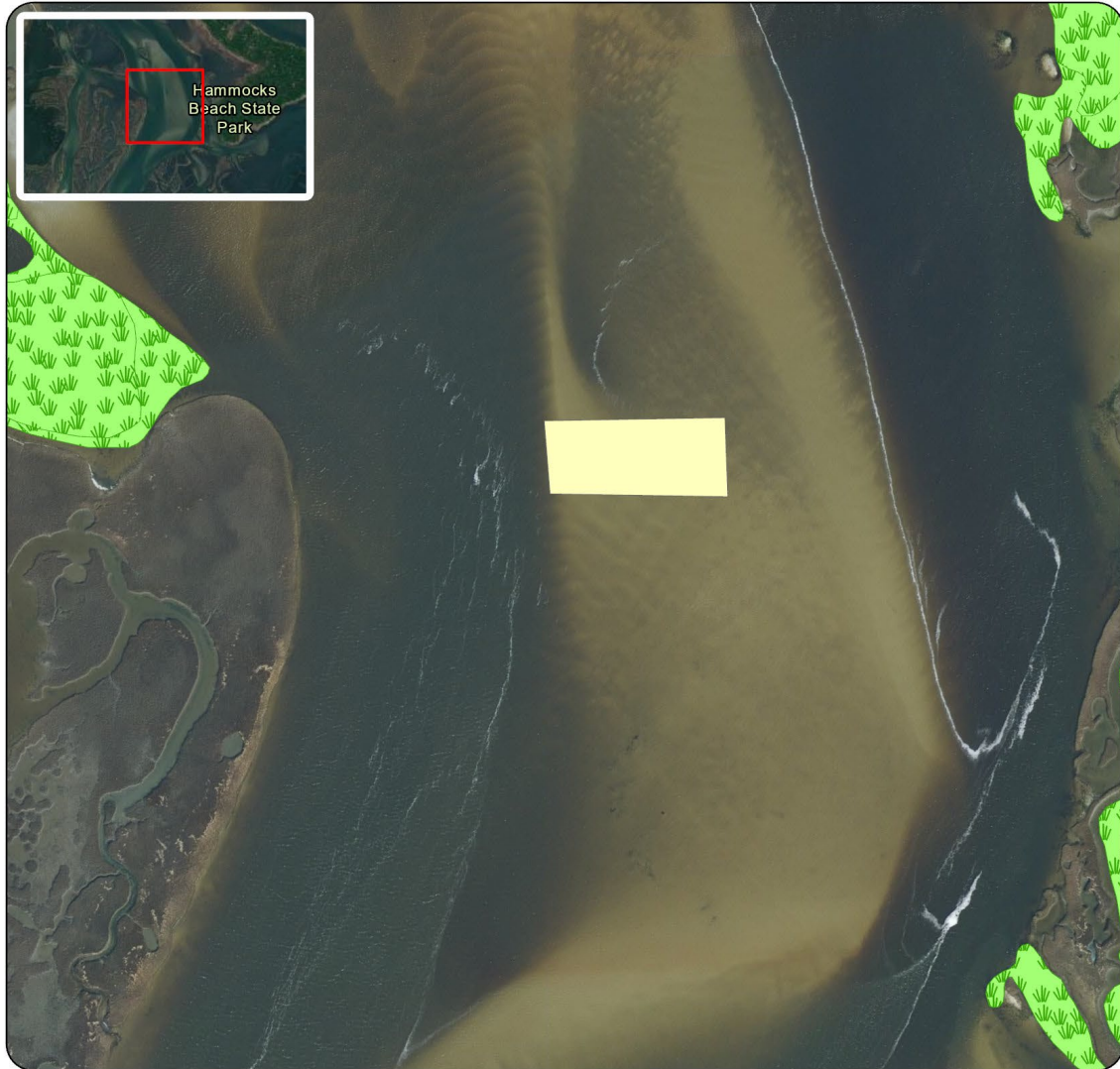
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US







Proposed Lease ID/Number: 23-018BL/23-019WC  
White Oak Oyster Company - Benjamin Davey

Date: 8/15/2023



 Submerged Aquatic Vegetation  
 Proposed Lease Area

**Acreage: 0.71**

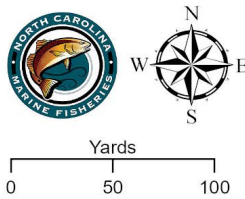
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US





Proposed Lease ID/Number: 23-018BL/23-019WC  
White Oak Oyster Company - Benjamin Davey

Date: 8/15/2023



SGA Classification

- Approved
- Proposed Lease Area

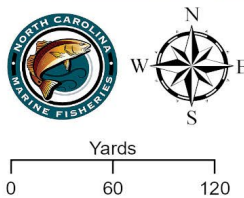
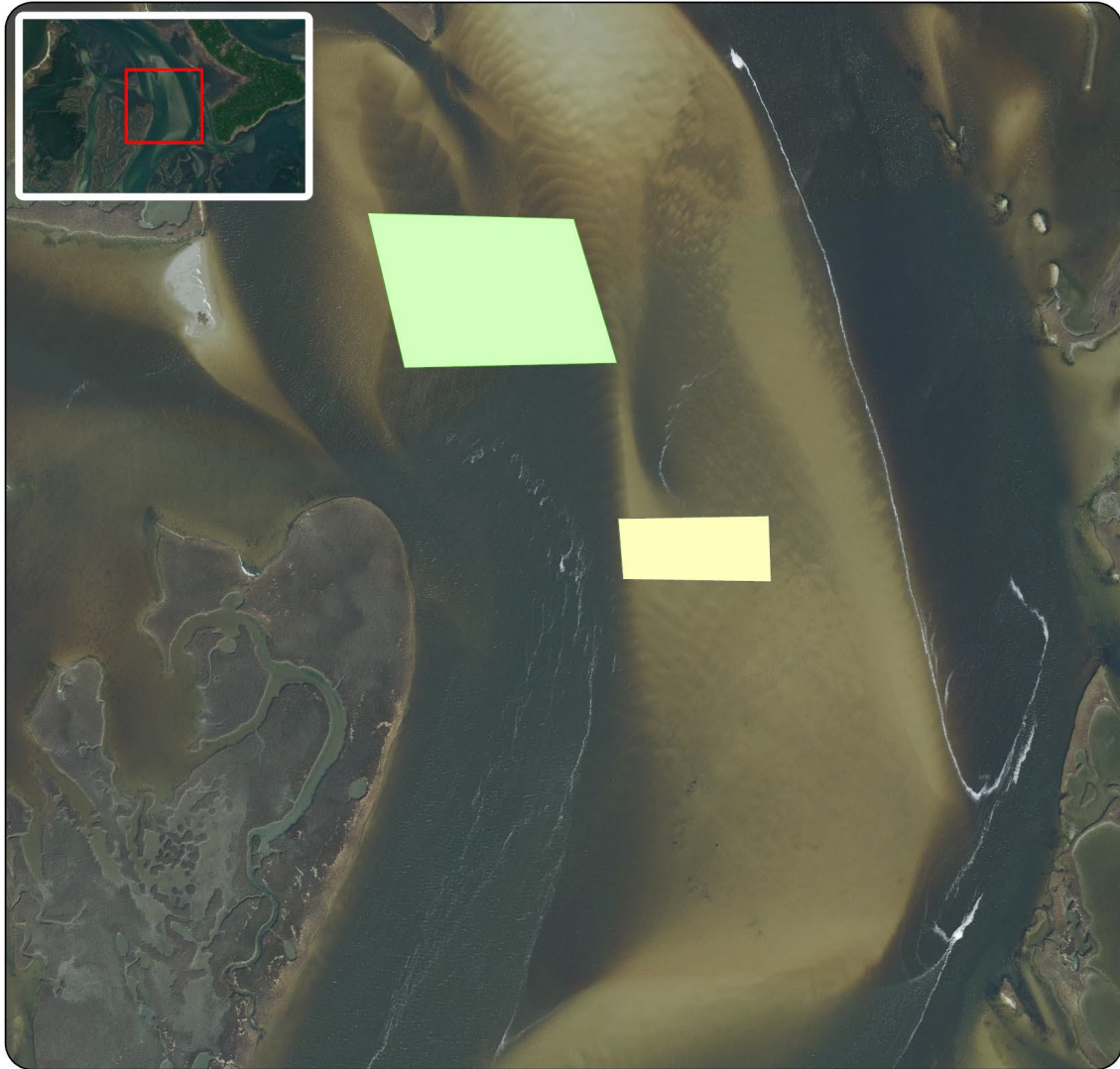
Acreage: 0.71

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



Proposed Lease ID/Number: 23-018BL/23-019WC  
White Oak Oyster Company - Benjamin Davey

Date: 8/15/2023



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

**Acreage: 0.71**

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







