| Shellfish Lease Investigation Report | | | | | | |
|--|-----------------------------------|--|--|--|--|--|
| Investigation Date | June 13, 14, 16, & 20, 2022 | | | | | |
| Applicants name | Thomas Cannon | | | | | |
| Lease Number | 22-021BL | | | | | |
| County | Onslow | | | | | |
| Waterbody/location | Mainland Areas (Topsail Sound) | | | | | |
| Proposed Lease Size (acres) | 9.02 | | | | | |
| Lease Type | Bottom | | | | | |
| Investigation Team | A. Frost/R. Farnell | | | | | |
| Gear Used | 766 - Patent Tong | | | | | |
| Sediment Type | 6 - muddy sand | | | | | |
| Bottom Composition | O - no grass | | | | | |
| Depth (m) | 1 | | | | | |
| Tidal Stage | High | | | | | |
| Water Temperature (°C) | 27.2 | | | | | |
| Salinity (ppt) | 32.3 | | | | | |
| Dissolved Oxygen (mg/L) | 5.5 | | | | | |
| Comments on SAV in or around Proposed Lease location Other Species Collected In PNA? | Yes | | | | | |
| In Polluted Area? | No: Conditionally Approved - Open | | | | | |
| In Mechanical Clam Harvest Area? | No | | | | | |
| In Mechanical Methods | _ | | | | | |
| Prohibited Area | No | | | | | |
| Other Comments | | | | | | |

| Applicatio | n Coordinates | Actual Coordinates | | |
|------------|---------------|--------------------|-------------|--|
| -77.53008 | 34.45393 | -77.52727 | 34.45448401 | |
| -77.52864 | 34.45534 | -77.52877 | 34.45273384 | |
| -77.52729 | 34.45433 | -77.53007 | 34.45392834 | |
| -77.52877 | 34.45274 | -77.52865 | 34.45532217 | |

Coordinate Changes 2 of 18

Proposed Shellfish Lease Biological Investigation Sampling Data

Proposed Lease #: 22-021BL Date: June 13, 14, 16, & 20, 2022 Applicant: Thomas Cannon 9.02 # of Samples: 228 Presence of SAV # of Oysters # of Clams # of Scallops Date collected Comments Bottom Comp. Sediment Type Sample # Density class (Eastern Ovster) (Quahogs) June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 O - no grass 6 - muddy sand June 13, 14, 16, NA 0 0 0 0 O - no grass 6 - muddy sand 3 0 0 0 0 June 13. 14. 16. NA 4 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand O - no grass 6 - muddy sand 5 0 0 0 0 June 13, 14, 16, NA 6 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 lune 13, 14, 16, NΔ O - no grass 6 - muddy sand 8 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand q Λ Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand 10 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 11 0 0 0 0 June 13. 14. 16. NΔ O - no grass 6 - muddy sand 12 Λ Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand O - no grass 6 - muddy sand 13 0 0 0 0 June 13, 14, 16, NA 14 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 O - no grass 6 - muddy sand 15 0 0 NA 0 0 June 13, 14, 16, 16 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 O - no grass 6 - muddy sand 0 0 0 0 June 13, 14, 16, 17 NA 18 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 19 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 20 0 O 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 O - no grass 6 - muddy sand NA 21 June 13, 14, 16, 22 O - no grass 6 - muddy sand 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 0 0 0 0 23 June 13, 14, 16, NA 24 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 25 0 0 NA O - no grass 6 - muddy sand 0 0 June 13. 14. 16. 26 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 27 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand O - no grass 6 - muddy sand 28 0 0 0 0 June 13. 14. 16. NA 29 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand O - no grass 6 - muddy sand 30 0 0 0 0 June 13, 14, 16, NΔ 31 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 32 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 33 0 ٥ n 0 June 13. 14. 16. NΔ O - no grass 6 - muddy sand 34 Λ Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand 35 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 36 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 37 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 38 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 June 13, 14, 16, 39 0 0 0 0 NA O - no grass 6 - muddy sand 40 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 41 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 42 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 O - no grass 6 - muddy sand June 13, 14, 16, NA 43 O - no grass 6 - muddy sand 44 0 0 0 0 June 13. 14. 16. NA 45 NA 0 0 0 0 June 13, 14, 16, O - no grass 6 - muddy sand O - no grass 6 - muddy sand 46 0 0 0 0 June 13, 14, 16, NA 47 NA O - no grass 6 - muddy sand 0 0 0 0 June 13. 14. 16. 0 0 0 O - no grass 6 - muddy sand 48 0 June 13, 14, 16, NA 49 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 50 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 51 Ω ٥ Ω Ω June 13. 14. 16. NΔ O - no grass 6 - muddy sand 52 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 53 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 54 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 55 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 56 Λ Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand NA 57 0 0 0 0 June 13, 14, 16, O - no grass 6 - muddy sand 58 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand O - no grass 6 - muddy sand 59 0 0 0 0 June 13, 14, 16, NA 60 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 O - no grass 6 - muddy sand 61 0 0 June 13, 14, 16, NA 62 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 63 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 NA O - no grass 6 - muddy sand 65 0 0 0 June 13, 14, 16, 66 0 0 0 NA O - no grass 6 - muddy sand 0 June 13, 14, 16, 67 0 0 0 NA O - no grass 6 - muddy sand 0 June 13, 14, 16, O - no grass 6 - muddy sand 0 0 0 68 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 69 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 70 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 71 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 72 0 0 0 0 June 13. 14. 16. NA 73 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 74 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 75 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 76 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 77 0 0 0 June 13, 14, 16, 8 NΔ O - no grass 6 - muddy sand

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Proposed Shellfish Lease Biological Investigation Sampling Data Proposed Lease #: 22-021BL

Date: June 13, 14, 16, & 20, 2022

Applicant: Thomas Cannon 9.02 # of Samples: 228 Presence of SAV # of Oysters # of Clams # of Scallops Date collected Comments Bottom Comp. Sediment Type Sample # Density class (Eastern Ovster) (Quahogs) 78 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 O - no grass 6 - muddy sand June 13, 14, 16, NA 79 0 0 0 0 O - no grass 6 - muddy sand 80 0 0 0 June 13. 14. 16. NA 81 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand O - no grass 6 - muddy sand 82 0 0 0 0 June 13, 14, 16, NA 83 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 84 0 0 0 0 lune 13, 14, 16, NΔ O - no grass 6 - muddy sand 85 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 86 Λ Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand 87 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 88 0 0 0 0 June 13. 14. 16. NΔ O - no grass 6 - muddy sand Λ Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand 89 90 O - no grass 6 - muddy sand 0 0 0 0 June 13, 14, 16, NA 91 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 O - no grass 6 - muddy sand 92 0 0 NA 0 0 June 13, 14, 16, June 13, 14, 16, NA O - no grass 6 - muddy sand 93 0 0 0 0 O - no grass 6 - muddy sand 0 0 0 June 13, 14, 16, 94 0 NA 95 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 96 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 97 0 O 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 0 O - no grass 6 - muddy sand NA 98 June 13, 14, 16, O - no grass 6 - muddy sand 99 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 100 0 0 0 0 June 13, 14, 16, NA 101 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 102 0 0 NA O - no grass 6 - muddy sand 0 0 June 13. 14. 16. 103 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 104 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand O - no grass 6 - muddy sand 105 0 0 0 0 June 13. 14. 16. NA 106 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand O - no grass 6 - muddy sand 107 0 0 0 June 13, 14, 16, NΔ 108 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 109 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 110 0 ٥ n 0 June 13. 14. 16. NΔ O - no grass 6 - muddy sand 111 Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand 112 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 113 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 114 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 115 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 June 13, 14, 16, 116 0 0 0 0 NA O - no grass 6 - muddy sand 117 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 118 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 119 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 0 0 O - no grass 6 - muddy sand 120 June 13, 14, 16, NA O - no grass 6 - muddy sand 121 0 0 0 0 June 13. 14. 16. NA 122 NA 0 0 0 0 June 13, 14, 16, O - no grass 6 - muddy sand 123 O - no grass 6 - muddy sand 0 0 0 0 June 13, 14, 16, NA 124 NA O - no grass 6 - muddy sand 0 0 0 0 June 13. 14. 16. 0 0 0 O - no grass 6 - muddy sand 125 0 June 13, 14, 16, NA 126 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 127 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 128 Ω ٥ Ω Ω June 13. 14. 16. NΔ O - no grass 6 - muddy sand 129 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 130 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 131 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 132 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 133 Λ Λ Λ Λ June 13, 14, 16, NΔ O - no grass 6 - muddy sand 134 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 135 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand O - no grass 6 - muddy sand 136 0 0 0 June 13, 14, 16, NA 137 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 0 0 O - no grass 6 - muddy sand 138 0 0 June 13, 14, 16, NA 139 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 140 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 141 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 142 0 NA O - no grass 6 - muddy sand 0 0 0 June 13, 14, 16, 143 0 0 0 NA O - no grass 6 - muddy sand 0 June 13, 14, 16, 144 0 0 NA O - no grass 6 - muddy sand 0 June 13, 14, 16, O - no grass 6 - muddy sand 145 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 146 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 147 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 148 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 149 0 0 0 0 June 13. 14. 16. NA 150 0 0 0 0 June 13. 14. 16. NA O - no grass 6 - muddy sand 151 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 152 0 0 0 0 June 13, 14, 16, NA O - no grass 6 - muddy sand 153 0 0 0 0 June 13, 14, 16, NΔ O - no grass 6 - muddy sand 154 0 0 0 June 13, 14, 16, 8 NΔ O - no grass 6 - muddy sand

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Proposed Shellfish Lease Biological Investigation Sampling Data

| Lease size: | 9.02 | acres | | # of Samples: | 228 | | | |
|-------------|----------------------------------|----------------------------------|-------------------------|---------------|--|----------|------------------------------|--------------------------------|
| Sample # | Presence of SAV Density class | # of Oysters (Eastern Oyster) | # of Clams (Quahogs) | # of Scallops | Date collected | Comments | Bottom Comp. | Sediment Typ |
| 155 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy san |
| 156 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy san |
| 157 | 0 | 0 | 2 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy san |
| 158 159 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 June 13, 14, 16, 8 | NA NA | O - no grass O - no grass | 6 - muddy san 6 - muddy san |
| 160 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sar |
| 161 | 1 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sar |
| 162 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sar |
| 163 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sar |
| 164 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sar |
| 165 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 166 167 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 June 13, 14, 16, 8 | NA NA | O - no grass O - no grass | 6 - muddy sar 6 - muddy sar |
| 168 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sai |
| 169 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 170 | 0 | 0 | 1 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 171 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 172 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 173 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sar |
| 174 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sai |
| 175 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 176 177 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 June 13, 14, 16, 8 | NA NA | O - no grass O - no grass | 6 - muddy sa 6 - muddy sa |
| 177 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 179 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 180 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 181 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 182 | 0 | 0 | 1 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 183 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 184 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 185 | 0 | 0 | 1 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 186 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 187 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 188 189 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 June 13, 14, 16, 8 | NA NA | O - no grass O - no grass | 6 - muddy sa |
| 190 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sai 6 - muddy sai |
| 191 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sai |
| 192 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 193 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 194 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 195 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 196 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 197 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 198 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sai |
| 199 200 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 June 13, 14, 16, 8 | NA NA | O - no grass O - no grass | 6 - muddy sai 6 - muddy sai |
| 201 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sai |
| 202 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 203 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 204 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 205 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 206 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sai |
| 207 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 208 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 209 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 210 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass O - no grass | 6 - muddy sa 6 - muddy sa |
| 211 212 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 213 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 214 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 215 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 216 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 217 | 0 | 0 | 1 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 218 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| 219 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 220 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 221 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 222 223 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 223 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 June 13, 14, 16, 8 | NA NA | O - no grass O - no grass | 6 - muddy sa 6 - muddy sa |
| 225 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 226 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 227 | 0 | 0 | 0 | 0 | June 13, 14, 16, 8 | NA NA | O - no grass | 6 - muddy sa |
| 228 | 0 | 0 | 1 | 0 | June 13, 14, 16, 8 | NA | O - no grass | 6 - muddy sa |
| | | | | | | | | |
| | | | | | | | | |
| | SAV | Oysters (Eastern Oyster) | Clams (Quahogs) | Scallops | | | | |

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Proposed Shellfish Lease Biological Investigation Sampling Data

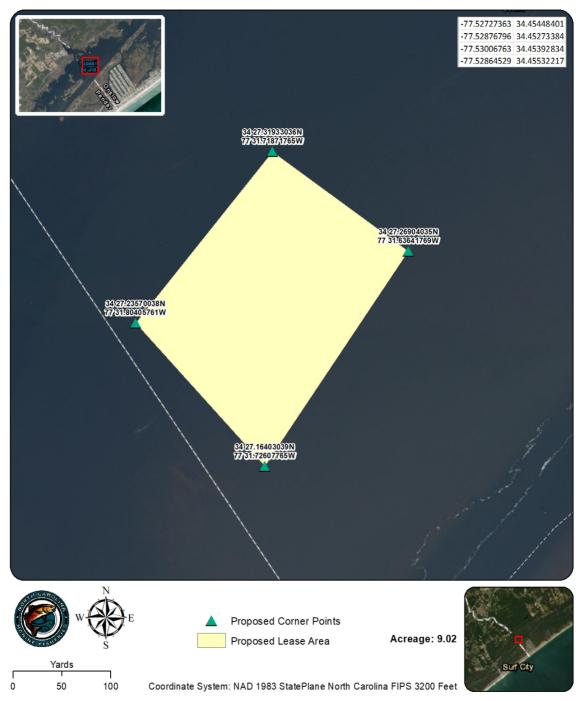
Applicant: Thomas Cannon Proposed Lease #: 22-021BL Date: June 13, 14, 16, & 20, 2022

Lease size: 9.02 acres # of Samples: 228

| Sample # | Presence of SAV Density class | # of Oysters (Eastern Oyster) | # of Clams (Quahogs) | # of Scallops | Date collected | Comments | Bottom Comp. | Sediment Type |
|-----------|---|----------------------------------|-------------------------|---------------|----------------|----------|--------------|---------------|
| TOTAL | OF EACH SPECIES | 0 | 23 | 0 | | | | |
| OTAL BUSI | BUSHELS PER SPECIES 0 0.0575 0 1.020625 TOTAL BUSHELS OF SHELLFISH PI | | ISH PER ACRE | | | | | |

Sample Data 6 of 18

Date: 6/27/2022



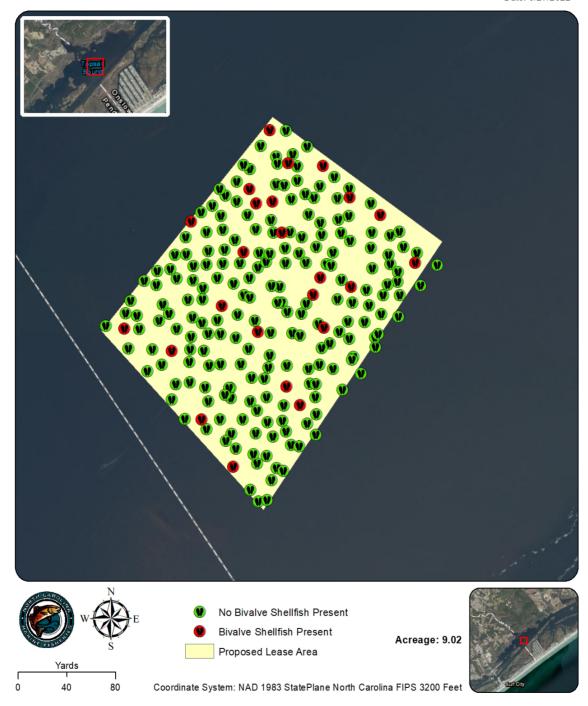
Lease Investigation Map 7 of 18

Date: 6/27/2022



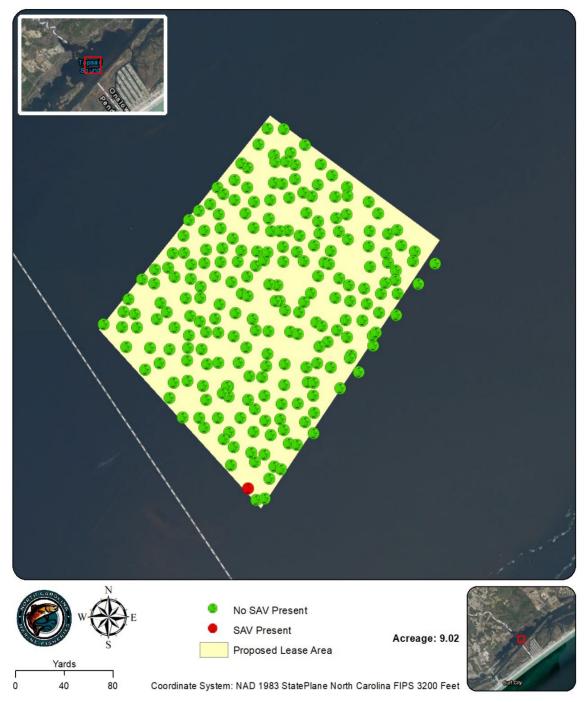
Lease Investigation Map 8 of 18

Date: 6/27/2022



Lease Investigation Map 9 of 18

Date: 6/27/2022



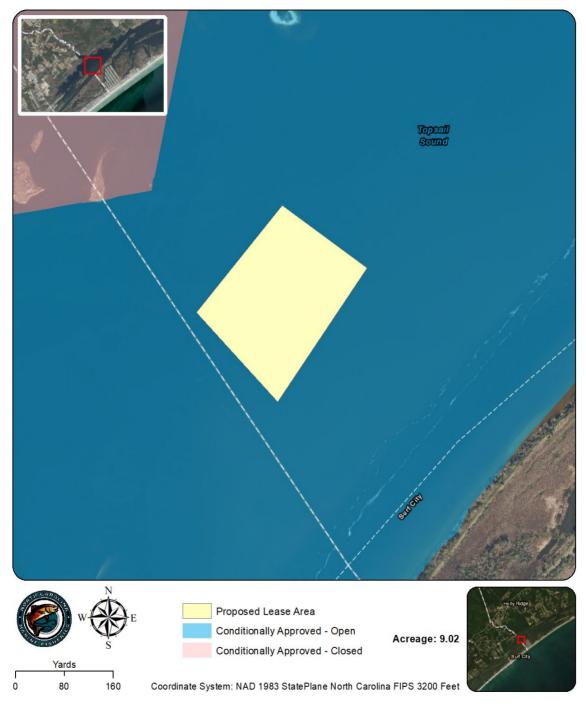
Lease Investigation Map 10 of 18

Date: 6/27/2022



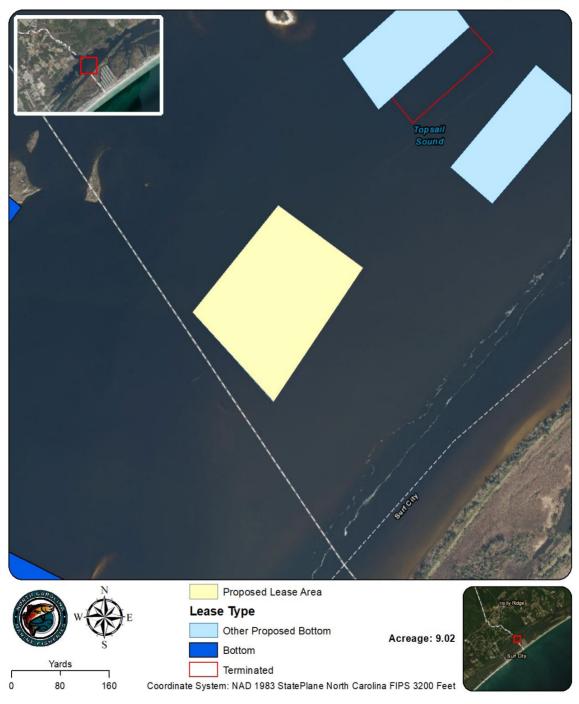
Lease Investigation Map 11 of 18

Date: 6/27/2022



Lease Investigation Map 12 of 18

Date: 6/27/2022



Lease Investigation Map 13 of 18

Date: 6/27/2022



Lease Investigation Map 14 of 18

Date: 6/27/2022



Lease Investigation Map 15 of 18

Date: 6/27/2022



Lease Investigation Map 16 of 18





Lease Investigation Photos 17 of 18





Lease Investigation Photos 18 of 18