

<b>Shellfish Lease Investigation Report</b>	
<b>Investigation Date</b>	8/19/2024
<b>Applicants name</b>	Kelly M. Robertson & Brassai M. Mustin
<b>Lease Number</b>	24-025WC
<b>County</b>	Onslow
<b>Waterbody/location</b>	1201010000/New River below 172 bridge
<b>Proposed Lease Size (acres)</b>	1.02
<b>Lease Type</b>	Water Column
<b>Investigation Team</b>	ST/EE/RF
<b>Gear Used</b>	
<b>Sediment Type</b>	
<b>Bottom Composition</b>	
<b>Sample Average Depth(m)</b>	0.8
<b>Tidal Stage</b>	Falling
<b>Water Temperature (°C)</b>	
<b>Salinity (ppt)</b>	
<b>Dissolved Oxygen (mg/L)</b>	
<b>Comments on SAV in or around Proposed Lease location</b>	
<b>Other Species Collected</b>	
<b>In PNA?</b>	Yes
<b>In Polluted Area?</b>	No: Approved
<b>In Mechanical Clam Harvest Area?</b>	No
<b>In Oyster Mechanical Methods Prohibited Area</b>	Yes
<b>Depth Samples (in meters)</b>	
Depth NE Corner (1)	0.7
Depth SE Corner (2)	0.6
Depth SW Corner (3)	0.7
Depth NW Corner(4)	1.3
<b>Other Comments</b>	

<b>Application Coordinates</b>	
34.564873	-77.338273
34.564755	-77.338035
34.564179	-77.339961
34.564507	-77.339788

**Proposed Shellfish Lease Biological Investigation Sampling Data**

Applicant: elly M. Robertson & Brassai M. Must

Proposed Lease #: 24-025WC

Date: 8/19/2024

Lease size: 1.02 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					8/19/2024	NA	0	0
2					8/19/2024	NA	0	0
3					8/19/2024	NA	0	0
4					8/19/2024	NA	0	0
5					8/19/2024	NA	0	0
6					8/19/2024	NA	0	0
7					8/19/2024	NA	0	0
8					8/19/2024	NA	0	0
9					8/19/2024	NA	0	0
10					8/19/2024	NA	0	0
11					8/19/2024	NA	0	0
12					8/19/2024	NA	0	0
13					8/19/2024	NA	0	0
14					8/19/2024	NA	0	0
15					8/19/2024	NA	0	0
16					8/19/2024	NA	0	0
17					8/19/2024	NA	0	0
18					8/19/2024	NA	0	0
19					8/19/2024	NA	0	0
20					8/19/2024	NA	0	0
21					8/19/2024	NA	0	0
22					8/19/2024	NA	0	0
23					8/19/2024	NA	0	0
24					8/19/2024	NA	0	0
25					8/19/2024	NA	0	0
26					8/19/2024	NA	0	0
27					8/19/2024	NA	0	0
28					8/19/2024	NA	0	0
29					8/19/2024	NA	0	0
30					8/19/2024	NA	0	0
31					8/19/2024	NA	0	0
32					8/19/2024	NA	0	0
33					8/19/2024	NA	0	0
34					8/19/2024	NA	0	0
35					8/19/2024	NA	0	0
36					8/19/2024	NA	0	0
37					8/19/2024	NA	0	0
38					8/19/2024	NA	0	0
39					8/19/2024	NA	0	0
40					8/19/2024	NA	0	0
41					8/19/2024	NA	0	0
42					8/19/2024	NA	0	0
43					8/19/2024	NA	0	0
44					8/19/2024	NA	0	0
45					8/19/2024	NA	0	0
46					8/19/2024	NA	0	0
47					8/19/2024	NA	0	0
48					8/19/2024	NA	0	0
49					8/19/2024	NA	0	0
50					8/19/2024	NA	0	0
51					8/19/2024	NA	0	0
52					8/19/2024	NA	0	0
53					8/19/2024	NA	0	0
54					8/19/2024	NA	0	0
55					8/19/2024	NA	0	0
56					8/19/2024	NA	0	0
57					8/19/2024	NA	0	0
58					8/19/2024	NA	0	0
59					8/19/2024	NA	0	0
60					8/19/2024	NA	0	0
61					8/19/2024	NA	0	0
62					8/19/2024	NA	0	0
63					8/19/2024	NA	0	0
64					8/19/2024	NA	0	0
65					8/19/2024	NA	0	0
66					8/19/2024	NA	0	0
67					8/19/2024	NA	0	0
68					8/19/2024	NA	0	0
69					8/19/2024	NA	0	0
70					8/19/2024	NA	0	0
71					8/19/2024	NA	0	0
72					8/19/2024	NA	0	0
73					8/19/2024	NA	0	0
74					8/19/2024	NA	0	0
75					8/19/2024	NA	0	0
76					8/19/2024	NA	0	0
77					8/19/2024	NA	0	0

**Proposed Shellfish Lease Biological Investigation Sampling Data**

Applicant: elly M. Robertson & Brassai M. Must

Proposed Lease #: 24-025WC

Date: 8/19/2024

Lease size: 1.02 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
78					8/19/2024	NA	0	0
79					8/19/2024	NA	0	0
80					8/19/2024	NA	0	0
81					8/19/2024	NA	0	0
82					8/19/2024	NA	0	0
83					8/19/2024	NA	0	0
84					8/19/2024	NA	0	0
85					8/19/2024	NA	0	0
86					8/19/2024	NA	0	0
87					8/19/2024	NA	0	0
88					8/19/2024	NA	0	0
89					8/19/2024	NA	0	0
90					8/19/2024	NA	0	0
91					8/19/2024	NA	0	0
92					8/19/2024	NA	0	0
93					8/19/2024	NA	0	0
94					8/19/2024	NA	0	0
95					8/19/2024	NA	0	0
96					8/19/2024	NA	0	0
97					8/19/2024	NA	0	0
98					8/19/2024	NA	0	0
99					8/19/2024	NA	0	0
100					8/19/2024	NA	0	0
101					8/19/2024	NA	0	0
102					8/19/2024	NA	0	0
103					8/19/2024	NA	0	0
104					8/19/2024	NA	0	0
105					8/19/2024	NA	0	0
106					8/19/2024	NA	0	0
107					8/19/2024	NA	0	0
108					8/19/2024	NA	0	0
109					8/19/2024	NA	0	0
110					8/19/2024	NA	0	0
111					8/19/2024	NA	0	0
112					8/19/2024	NA	0	0
113					8/19/2024	NA	0	0
114					8/19/2024	NA	0	0
115					8/19/2024	NA	0	0
116					8/19/2024	NA	0	0
117					8/19/2024	NA	0	0
118					8/19/2024	NA	0	0
119					8/19/2024	NA	0	0
120					8/19/2024	NA	0	0
121					8/19/2024	NA	0	0
122					8/19/2024	NA	0	0
123					8/19/2024	NA	0	0
124					8/19/2024	NA	0	0
125					8/19/2024	NA	0	0
126					8/19/2024	NA	0	0
127					8/19/2024	NA	0	0
128					8/19/2024	NA	0	0
129					8/19/2024	NA	0	0
130					8/19/2024	NA	0	0
131					8/19/2024	NA	0	0
132					8/19/2024	NA	0	0
133					8/19/2024	NA	0	0
134					8/19/2024	NA	0	0
135					8/19/2024	NA	0	0
136					8/19/2024	NA	0	0
137					8/19/2024	NA	0	0
138					8/19/2024	NA	0	0
139					8/19/2024	NA	0	0
140					8/19/2024	NA	0	0
141					8/19/2024	NA	0	0
142					8/19/2024	NA	0	0
143					8/19/2024	NA	0	0
144					8/19/2024	NA	0	0
145					8/19/2024	NA	0	0
146					8/19/2024	NA	0	0
147					8/19/2024	NA	0	0
148					8/19/2024	NA	0	0
149					8/19/2024	NA	0	0
150					8/19/2024	NA	0	0
151					8/19/2024	NA	0	0
152					8/19/2024	NA	0	0
153					8/19/2024	NA	0	0
154					8/19/2024	NA	0	0

### Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: elly M. Robertson & Brassai M. Must

Proposed Lease #: 24-025WC

Date: 8/19/2024

Lease size: 1.02 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
155					8/19/2024	NA	0	0
156					8/19/2024	NA	0	0
157					8/19/2024	NA	0	0
158					8/19/2024	NA	0	0
159					8/19/2024	NA	0	0
160					8/19/2024	NA	0	0
161					8/19/2024	NA	0	0
162					8/19/2024	NA	0	0
163					8/19/2024	NA	0	0
164					8/19/2024	NA	0	0
165					8/19/2024	NA	0	0
166					8/19/2024	NA	0	0
167					8/19/2024	NA	0	0
168					8/19/2024	NA	0	0
169					8/19/2024	NA	0	0
170					8/19/2024	NA	0	0
171					8/19/2024	NA	0	0
172					8/19/2024	NA	0	0
173					8/19/2024	NA	0	0
174					8/19/2024	NA	0	0
175					8/19/2024	NA	0	0
176					8/19/2024	NA	0	0
177					8/19/2024	NA	0	0
178					8/19/2024	NA	0	0
179					8/19/2024	NA	0	0
180					8/19/2024	NA	0	0
181					8/19/2024	NA	0	0
182					8/19/2024	NA	0	0
183					8/19/2024	NA	0	0
184					8/19/2024	NA	0	0
185					8/19/2024	NA	0	0
186					8/19/2024	NA	0	0
187					8/19/2024	NA	0	0
188					8/19/2024	NA	0	0
189					8/19/2024	NA	0	0
190					8/19/2024	NA	0	0
191					8/19/2024	NA	0	0
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200					8/19/2024	NA	0	0
201					8/19/2024	NA	0	0
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209					8/19/2024	NA	0	0
210					8/19/2024	NA	0	0
211					8/19/2024	NA	0	0
212					8/19/2024	NA	0	0
213					8/19/2024	NA	0	0
214					8/19/2024	NA	0	0
215					8/19/2024	NA	0	0
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219					8/19/2024	NA	0	0
220					8/19/2024	NA	0	0
221					8/19/2024	NA	0	0
222					8/19/2024	NA	0	0
223					8/19/2024	NA	0	0
224					8/19/2024	NA	0	0
225					8/19/2024	NA	0	0
226					8/19/2024	NA	0	0
227					8/19/2024	NA	0	0
228					8/19/2024	NA	0	0
229					8/19/2024	NA	0	0
230					8/19/2024	NA	0	0
231					8/19/2024	NA	0	0

### Proposed Shellfish Lease Biological Investigation Sampling Data

Applicant: elly M. Robertson & Brassai M. Must

Proposed Lease #: 24-025WC

Date: 8/19/2024

Lease size: 1.02 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
232					8/19/2024	NA	0	0
233					8/19/2024	NA	0	0
234					8/19/2024	NA	0	0
235					8/19/2024	NA	0	0
236					8/19/2024	NA	0	0
237					8/19/2024	NA	0	0
238					8/19/2024	NA	0	0
239					8/19/2024	NA	0	0
240					8/19/2024	NA	0	0
241					8/19/2024	NA	0	0
242					8/19/2024	NA	0	0
243					8/19/2024	NA	0	0
244					8/19/2024	NA	0	0
245					8/19/2024	NA	0	0
246					8/19/2024	NA	0	0
247					8/19/2024	NA	0	0
248					8/19/2024	NA	0	0
249					8/19/2024	NA	0	0
250					8/19/2024	NA	0	0
251					8/19/2024	NA	0	0
252					8/19/2024	NA	0	0
253					8/19/2024	NA	0	0
254					8/19/2024	NA	0	0
255					8/19/2024	NA	0	0
256					8/19/2024	NA	0	0
257					8/19/2024	NA	0	0
258					8/19/2024	NA	0	0
259					8/19/2024	NA	0	0
260					8/19/2024	NA	0	0
261					8/19/2024	NA	0	0
262					8/19/2024	NA	0	0
263					8/19/2024	NA	0	0
264					8/19/2024	NA	0	0
265					8/19/2024	NA	0	0
266					8/19/2024	NA	0	0
267					8/19/2024	NA	0	0
268					8/19/2024	NA	0	0
269					8/19/2024	NA	0	0
270					8/19/2024	NA	0	0
271					8/19/2024	NA	0	0
272					8/19/2024	NA	0	0
273					8/19/2024	NA	0	0
274					8/19/2024	NA	0	0
275					8/19/2024	NA	0	0
276					8/19/2024	NA	0	0
277					8/19/2024	NA	0	0
278					8/19/2024	NA	0	0
279					8/19/2024	NA	0	0
280					8/19/2024	NA	0	0
281					8/19/2024	NA	0	0
282					8/19/2024	NA	0	0
283					8/19/2024	NA	0	0
284					8/19/2024	NA	0	0
285					8/19/2024	NA	0	0
286					8/19/2024	NA	0	0
287					8/19/2024	NA	0	0
288					8/19/2024	NA	0	0
289					8/19/2024	NA	0	0
290					8/19/2024	NA	0	0
291					8/19/2024	NA	0	0
292					8/19/2024	NA	0	0
293					8/19/2024	NA	0	0
294					8/19/2024	NA	0	0
295					8/19/2024	NA	0	0
296					8/19/2024	NA	0	0
297					8/19/2024	NA	0	0
298					8/19/2024	NA	0	0
299					8/19/2024	NA	0	0
300					8/19/2024	NA	0	0
301					8/19/2024	NA	0	0
302					8/19/2024	NA	0	0
303					8/19/2024	NA	0	0
304					8/19/2024	NA	0	0
305					8/19/2024	NA	0	0
306					8/19/2024	NA	0	0
307					8/19/2024	NA	0	0
308					8/19/2024	NA	0	0

**Proposed Shellfish Lease Biological Investigation Sampling Data**

Applicant: elly M. Robertson & Brassai M. Must

Proposed Lease #: 24-025WC

Date: 8/19/2024

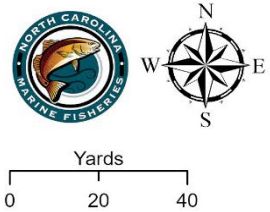
Lease size: 1.02 acres # of Samples: 0

Sample #	Presence of SAV Density class	# of Oysters (Eastern Oyster)	# of Clams (Quahogs)	# of Scallops	Date collected	Comments	Bottom Comp.	Sediment Type
309					8/19/2024	NA	0	0
	SAV	Oysters (Eastern Oyster)	Clams (Quahogs)	Scallops				
	0				#DIV/0!	OF SAMPLES CONTAINED SAV		
<b>TOTAL OF EACH SPECIES</b>		0	0	0				
<b>TOTAL BUSHELS PER SPECIES</b>		0	0	0	#DIV/0!	TOTAL BUSHELS OF SHELLFISH PER ACRE		

# 24-025WC on Existing Franchise

## Kelly M. Robertson and Brassai M. Mustin

Date: 12/27/2024



▲ Proposed Corner Points  
 ■ Proposed Lease Area

**Acreage: 1.02**



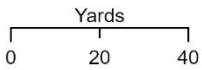
Coordinate System: NAD 1983 2011 StatePlane North Carolina FIPS 3200 Ft US





24-025WC on Existing Franchise  
Kelly M. Robertson and Brassai M. Mustin

Date: 12/27/2024



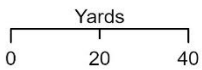
 Proposed Lease Area      **Acreage: 1.02**



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



24-025WC on Existing Franchise  
Kelly M. Robertson and Brassai M. Mustin

Date: 12/27/2024



-  Submerged Aquatic Vegetation
-  Proposed Lease Area

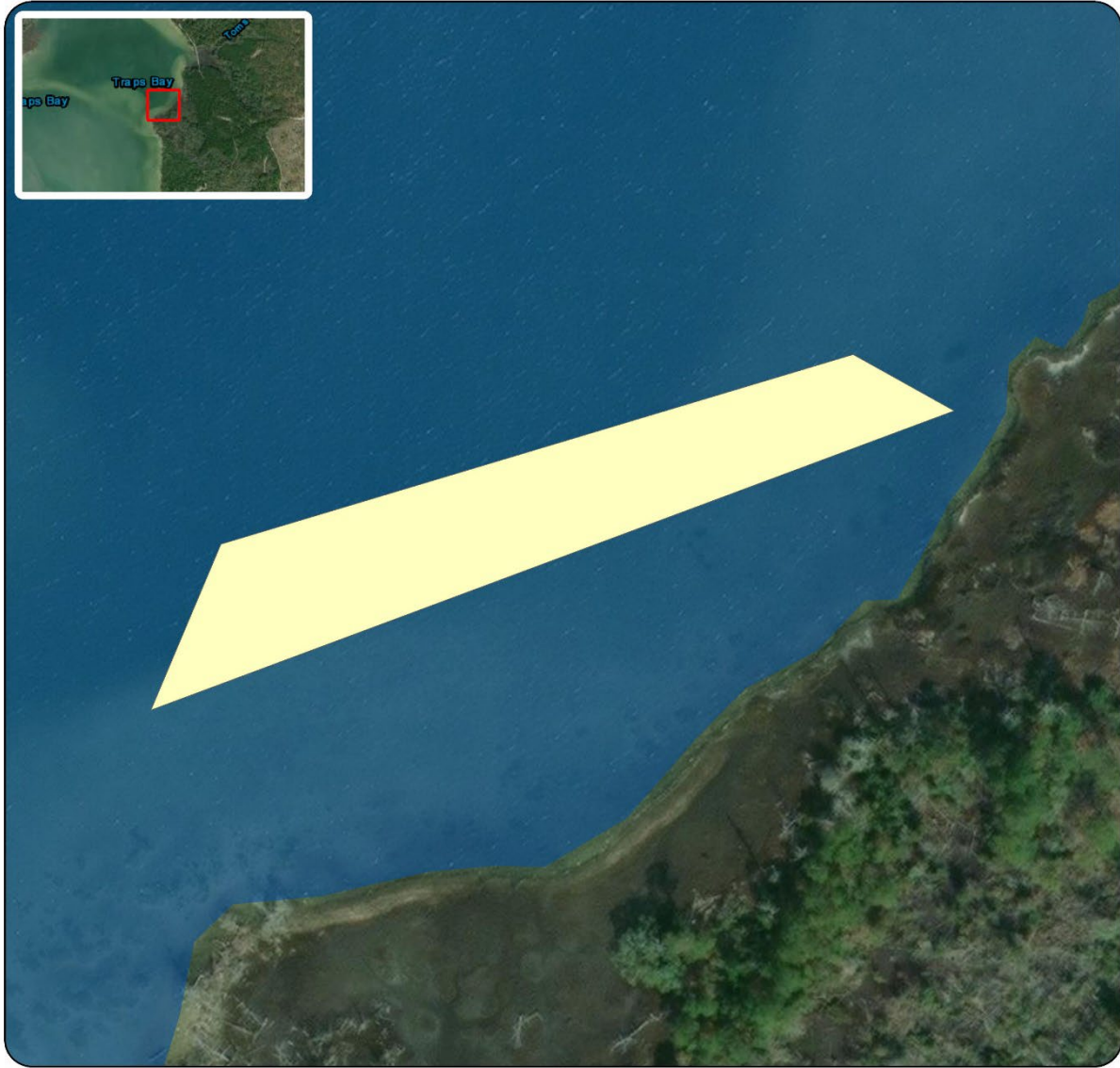
**Acreage: 1.02**

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



24-025WC on Existing Franchise  
Kelly M. Robertson and Brassai M. Mustin

Date: 12/27/2024



Shellfish Growing Area Classification

- Approved
- Proposed Lease Area

**Acreage: 1.02**

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



# 24-025WC on Existing Franchise

Kelly M. Robertson and Brassai M. Mustin

Date: 12/27/2024



- Proposed - Water Column
- Franchise

**Acreage: 1.02**

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





