North Carolina Division of Marine Fisheries
Shellfish Sanitation and Recreational Water Quality

DEPARTMENT OF ENVIRONMENTAL QUALITY

North Carolina Oyster Summit | Shannon Jenkins | 3/12/19
Good Water Quality Needed

- Public Health
- Shellfish Industry
Shellfishing Water Classification Acreages

<table>
<thead>
<tr>
<th>Classification</th>
<th>Acres</th>
<th>Percent of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved</td>
<td>1,414,876.38</td>
<td>63.8%</td>
</tr>
<tr>
<td>Conditionally Approved - Open</td>
<td>44,018.60</td>
<td>2.0%</td>
</tr>
<tr>
<td>Conditionally Approved - Closed</td>
<td>12,022.14</td>
<td>0.5%</td>
</tr>
<tr>
<td>CSHA - Prohibited</td>
<td>748,186.95</td>
<td>33.7%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,219,104.07</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

Shellfishing Water Closure Acreages

<table>
<thead>
<tr>
<th>Status</th>
<th>Acres</th>
<th>Percent of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>1,458,894.98</td>
<td>65.7%</td>
</tr>
<tr>
<td>Closed</td>
<td>760,209.09</td>
<td>34.3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,219,104.07</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>
**Shellfishing Water Classification Acreages**

- **Approved**: 11,576.28 acres (27.0%)
- **Conditionally Approved - Open**: 2,838.48 acres (6.6%)
- **Conditionally Approved - Closed**: 4,508.66 acres (10.5%)
- **CSHA - Prohibited**: 23,891.96 acres (55.8%)

**Total**: 42,815.38 acres (100.0%)

**Shellfishing Water Closure Acreages**

- **Open**: 14,414.76 acres (33.7%)
- **Closed**: 28,400.62 acres (66.3%)

**Total**: 42,815.38 acres (100.0%)
LOCKWOODS FOLLY RIVER AREA
Area A-3 (Map 48)

PROHIBITED TERRITORY
(Prohibited areas are hatched)

COUNTY: BRUNSWICK

Map 48

(SEE BACK OF MAP FOR AREA DESCRIPTIONS.)
Temporary Closures 2017

Newport River
- Upper: 103 days due to rainfall (28.2%)
- Lower: 82 days due to rainfall (22.5%)

Lockwoods Folly River
- 123 days due to rainfall (33.7%)
Shellfish Closures

https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=5759aa19d7484a3b82a8e440fba643aa

Department of Environmental Quality
Days Closed in 2017
(Percentage out of the Year)

- < 10%
- 10.1% - 15%
- 15.1% - 25%
- 25.1% - 35%
- 35.1% - 45%
- 45.1% - 50%
- > 50%

Legend:
- Closed
- Conditionally Approved Open

Map areas colored in different shades to represent the percentage of days closed in 2017.
Priority Shellfish Waters

- Higher amount of shellfish resource
- Lower amount of closed shellfish harvest waters
- Lower amount of water quality threats