

Information Gathering and synthesizing subcommittee:

Oyster Aquaculture Lease Area Siting Draft 2.0



Oyster Aquaculture Tiger Team

Barren Bottom Classification

- Rhode Island considers >3 clams per square meter to be the dividing line between productive vs barren bottom suitable for aquaculture use.
 - Unproductive bottom is also an odd definition but the unwritten criteria that we use is that a commercially viable bottom would have 10 hard clams per square meter.
 - Five per square meter is a recreationally decent area but it could still be leased for aquaculture.
- Virginia does not have any specific shellfish density standard
 - Use public verses lease designation
- Maryland does not have any specific shellfish density standard



Draft

**Inland Bay Exclusion Areas
Based upon Clam Densities**

Legend

 Clam Densities of 3 or greater (clam / m sq)

Draft

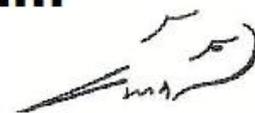
2.5 1.25 0 2.5 Miles

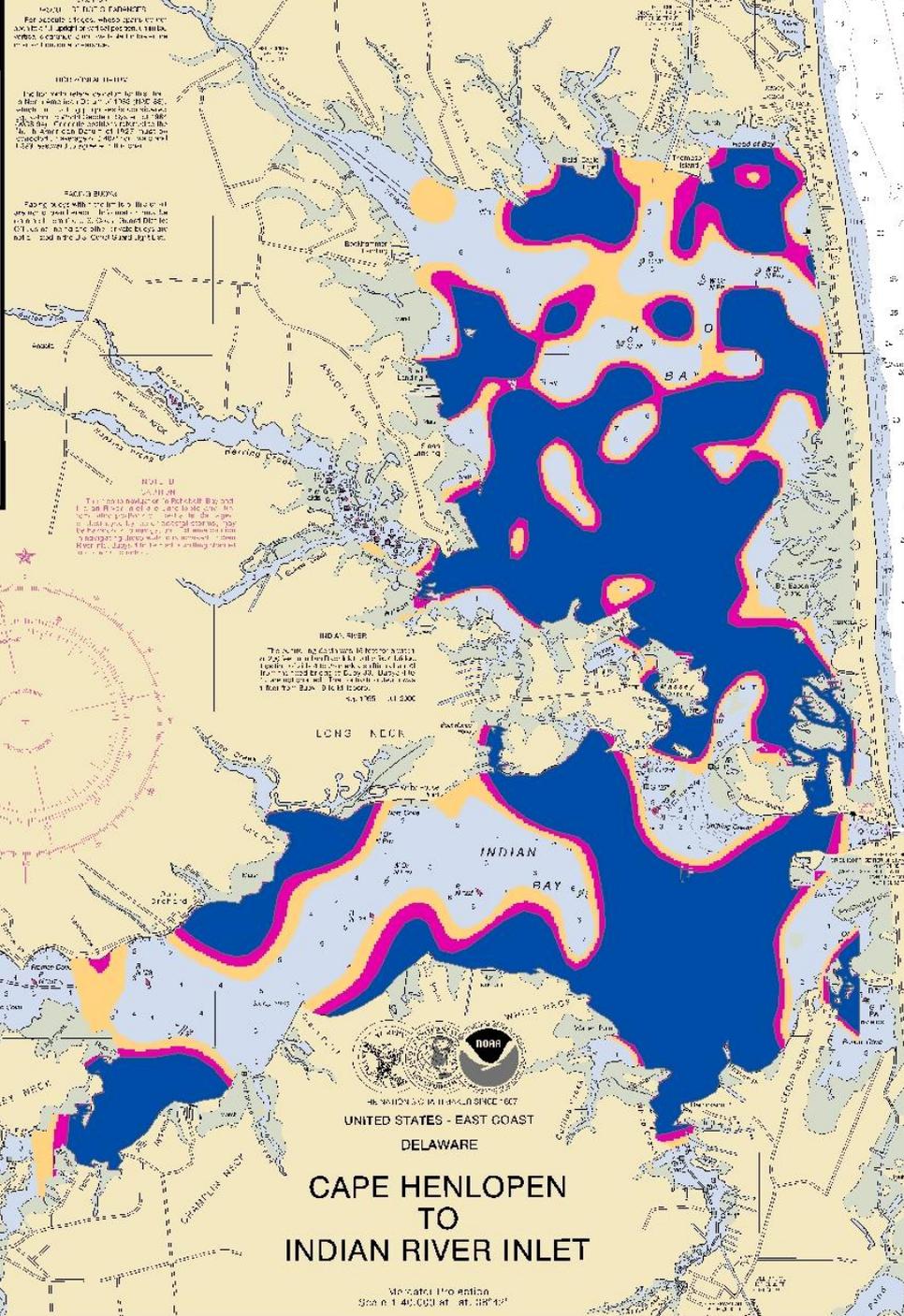


3 1.5 0 3 Kilometers



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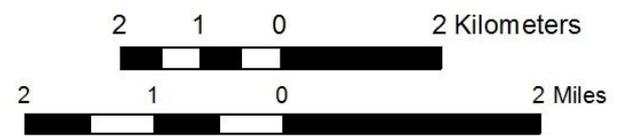


Inland Bay Exclusion Areas Based upon Clam Densities

Draft

Legend

- Clam Densities of 3 or greater
- Clam Densities of 2 or greater (clam / m sq)
- Clam Densities of 1 or greater (clam / m sq)



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Map scale 1:60,000
Scale 1:40,000 at 30° 12'



Area Available for Oyster Aquaculture: Rehoboth Bay

Legend

-  Potential Oyster Aquaculture Areas
-  Areas outside of the OA exclusions

Total Area:

319 Acres

3.4% of the total Rehoboth area



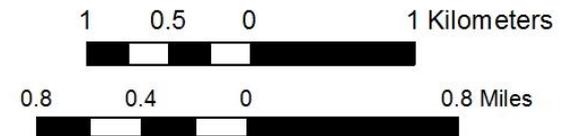
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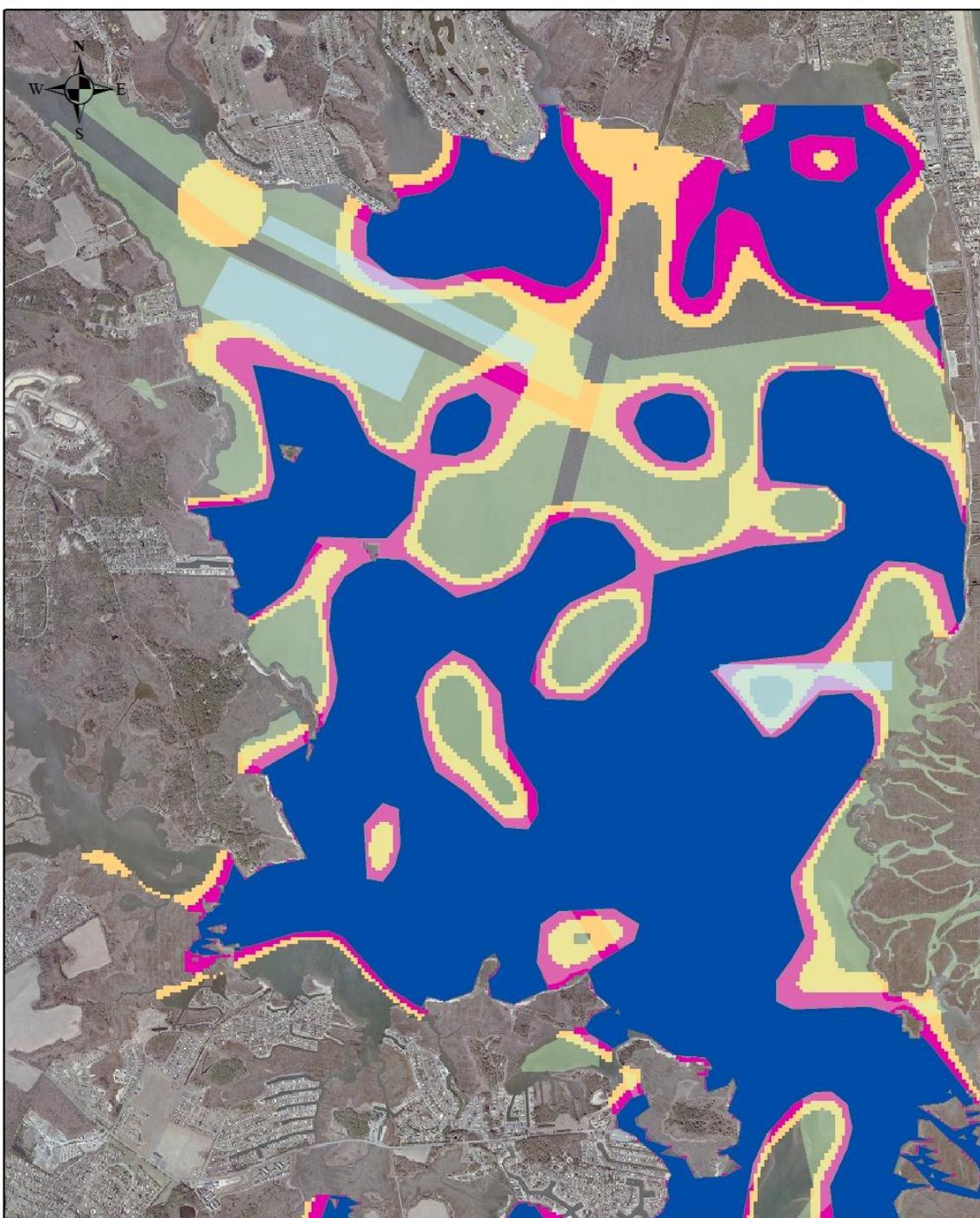
Area Available for Oyster Aquaculture: Rehoboth Bay

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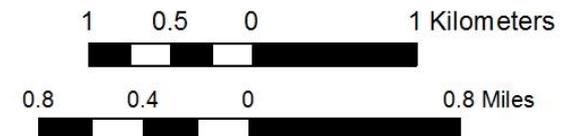
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Area Available for Oyster Aquaculture: Rehoboth Bay

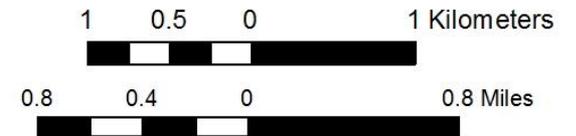
Legend

-  Potential Oyster Aquaculture Areas d2
-  Potential Oyster Aquaculture Areas
-  Areas outside of the OA exclusions

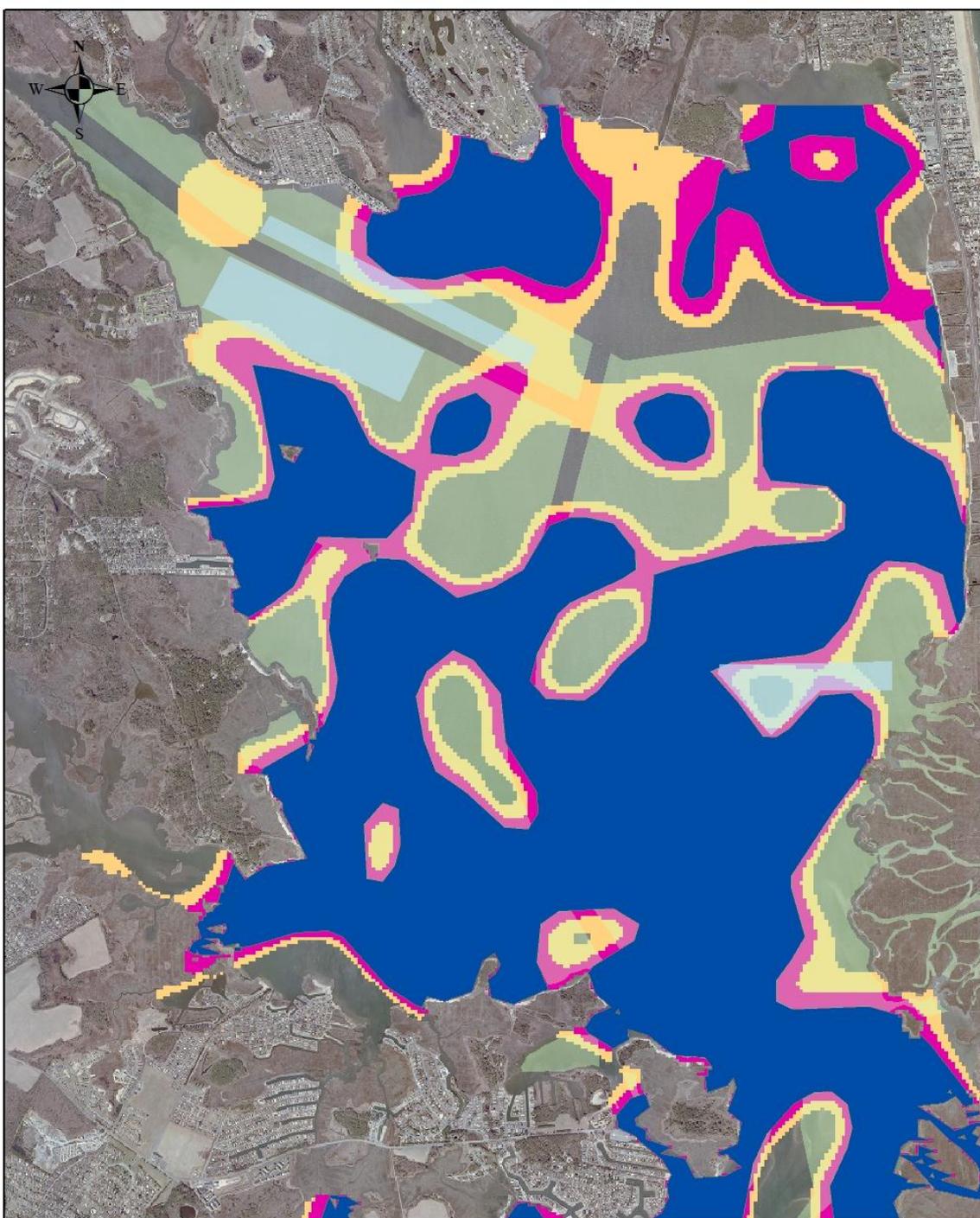
Total Area:

174 Acres

1.9% of the total Rehoboth Bay area



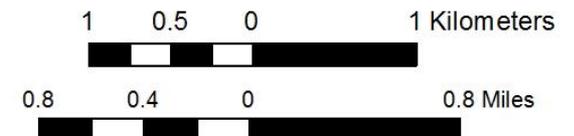
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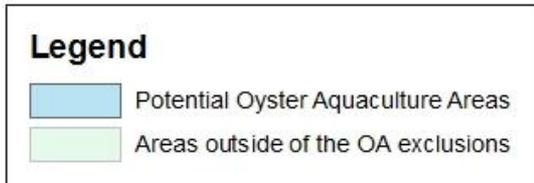
Area Available for Oyster Aquaculture: Rehoboth Bay

Legend

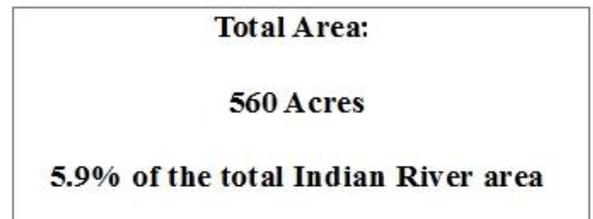
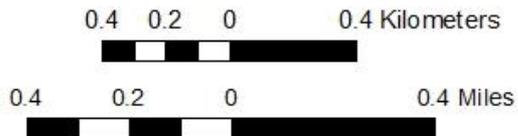
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**Area Available for Oyster
Aquaculture:
Indian River Bay**



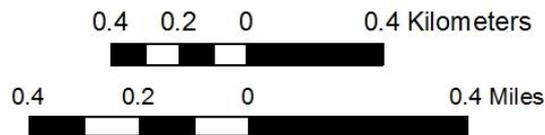
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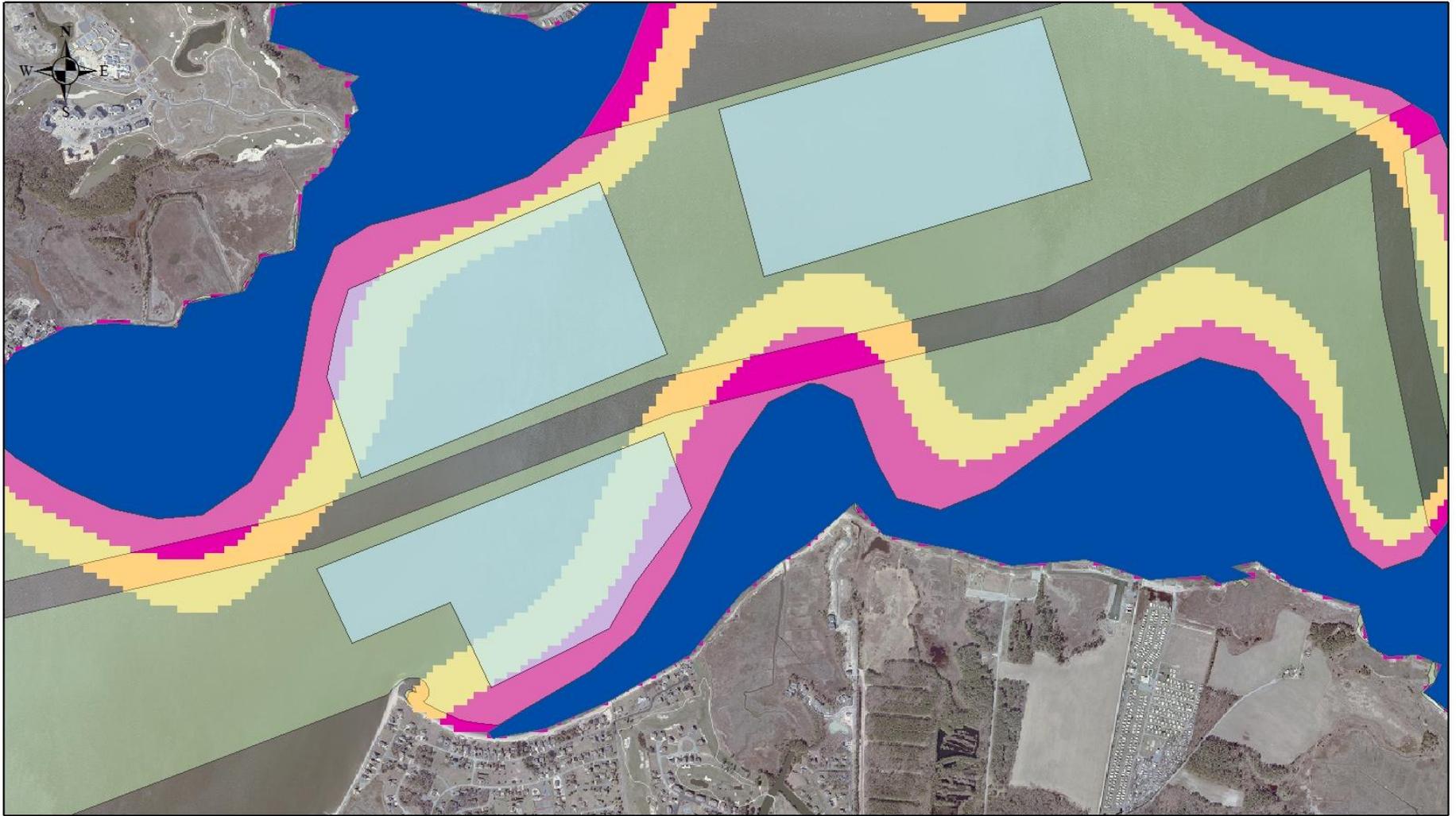
Area Available for Oyster Aquaculture: Indian River Bay

Legend

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- Areas outside of the OA exclusions
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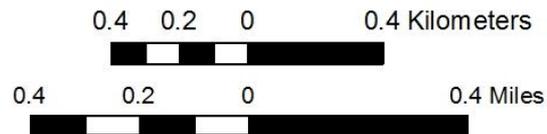
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Legend

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Area Available for Oyster Aquaculture: Indian River Bay



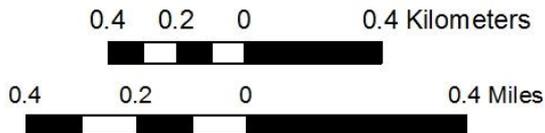
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Legend

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**Area Available for Oyster
Aquaculture:
Indian River Bay**

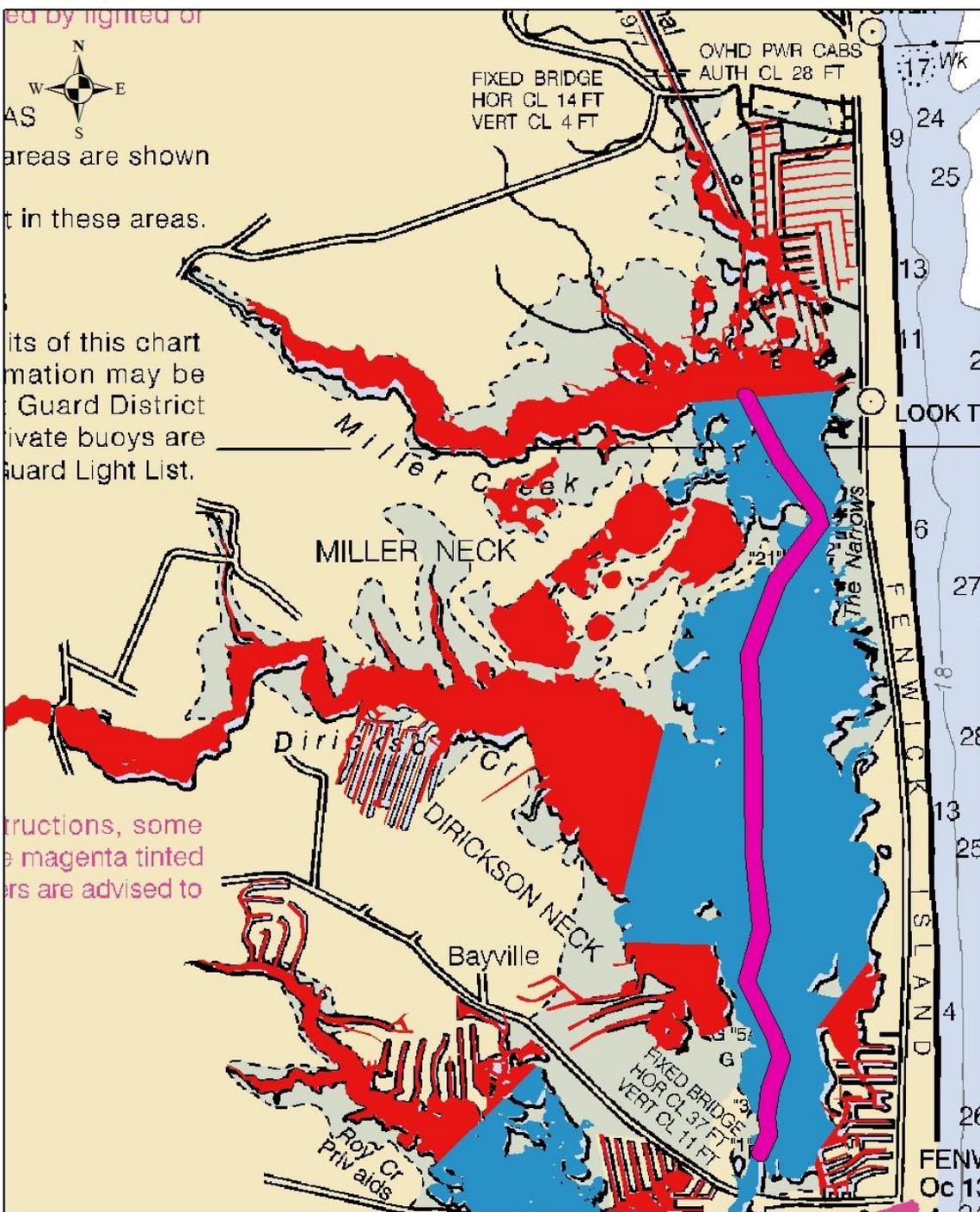


Total Area:

423 Acres

4.5% of the total Indian River area

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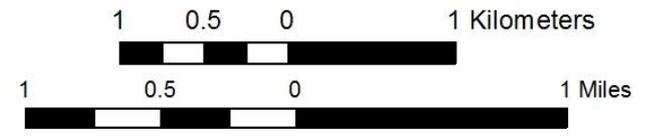
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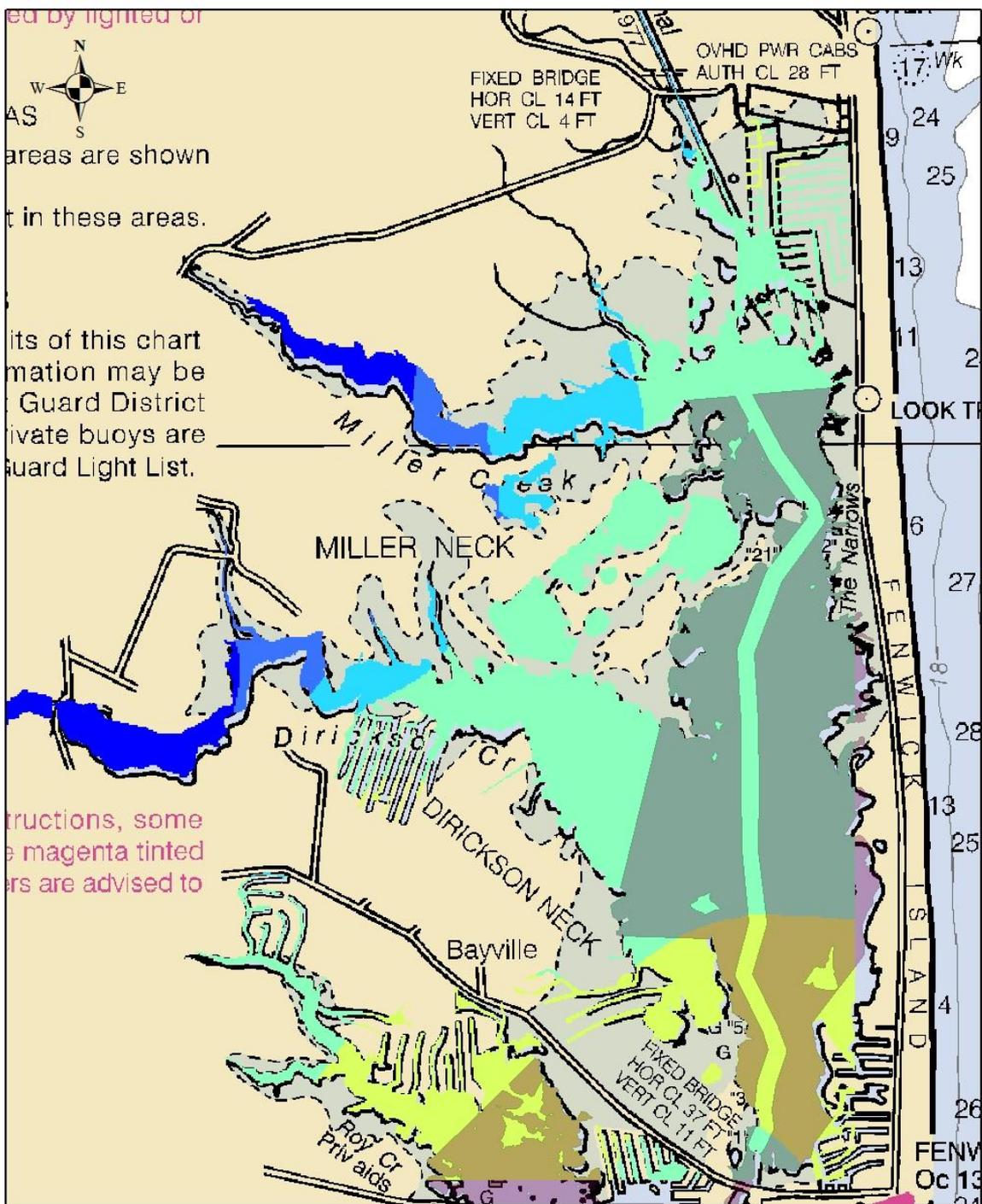
Assawoman Bay Exclusion Areas

Legend

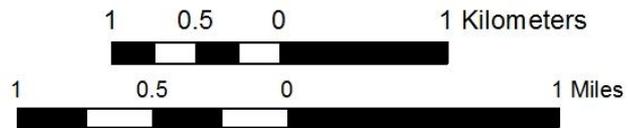
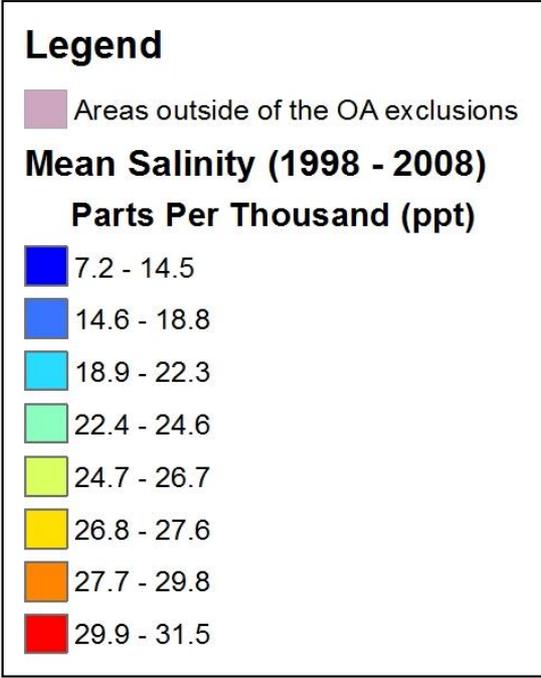
- Assawoman Navigational Buffer (150 ft)
- ### Shellfish Harvesting Areas
- #### STATUS
- Prohibited
 - Prohibited (Hatchery)
 - Seasonal Closures
 - Open



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Assawoman Bay Potentail Aquaculture Lease Area



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