Molluscan Bivalve Shellfish Only

AQUATIC FARMER LICENSE
APPLICATION I

This application serves as the OPERATIONAL PLAN for the NJDEP, Bureau of Marine Water Monitoring Commercial Shellfish Aquaculture Permit (N.J.A.C. 7:12-9.15) and Hatchery/Nursery Permit (N.J.A.C. 7:12-9.14).

NEW JERSEY
DEPARTMENT OF AGRICULTURE
The New Jersey Department of Agriculture
Office of Aquaculture Coordination
P.O. Box 330
Trenton, New Jersey 08625-0330
(609) 292-5532

ALL molluscan bivalve shellfish culturists within the State of New Jersey, including hatchery and nursery operators must complete the appropriate application pages as follows:

1. Grow-out operations (lease/riparian)- complete pages 2-5; sign page 8.
2. Hatchery operators- complete page 2 and page 6; sign page 8.
3. Nursery operators- complete page 2 and page 7; sign page 8.
4. Use one application for a nursery/hatchery and grow-out within the same company/applicant.
5. An application is only considered complete when all questions within the applicable pages are answered and the final page is signed by the applicant.

If you do NOT produce molluscan bivalve shellfish, use Application II.
DATE: ________________

Applicant Information

Name: __________________________ Date of Birth: __________________________
Mailing Address: __________________________

City: __________________________ State: __________________________ Zip code: __________________________
Telephone __________________________ Email: __________________________

Business Name __________________________
Facility Street __________________________
Address: __________________________
Municipality: __________________________ County: __________________________
Block No. __________________________ Lot No. __________________________

**(if different than applicant)**

Name of Consultant or Alternate Contact Person: __________________________
Address: __________________________
City: __________________________ State: __________________________ Zip code: __________________________
Telephone __________________________ Email: __________________________

Permits
Provide information on permitting for your shellfish aquaculture farm.

<table>
<thead>
<tr>
<th>Permitting Authority</th>
<th>Permit-License Name</th>
<th>Permit-License Number</th>
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</thead>
<tbody>
<tr>
<td>NJDEP, BSF</td>
<td>Commercial Shellfish License</td>
<td></td>
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<tr>
<td>NJDEP, BSF</td>
<td>Shellfish Lease</td>
<td>(see page 3)</td>
</tr>
<tr>
<td>USACE</td>
<td>Nationwide#48/Individual Permit</td>
<td></td>
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<tr>
<td>NJDEP, DLUR</td>
<td>Coastal Zone Permits</td>
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<tr>
<td>TIDELANDS</td>
<td>Tidelands License/Riparian Grant</td>
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<tr>
<td>NJDEP, BMWM</td>
<td>Commercial Shellfish Aquaculture Permit</td>
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<tr>
<td>NJDEP, BMWM</td>
<td>Hatchery/Nursery Permit</td>
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<tr>
<td>NJDOH</td>
<td>Certified Dealer</td>
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<tr>
<td>NJDOH</td>
<td>Wet Storage</td>
<td></td>
</tr>
<tr>
<td>NJDA</td>
<td>Aquatic Farmer License</td>
<td></td>
</tr>
<tr>
<td>NJDEP, BSF</td>
<td>Shellfish Seed Import (Approval Memo)</td>
<td>☐ Yes ☐ No</td>
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</table>

NJDEP= New Jersey Department of Environmental Protection  
BSF= Bureau of Shellfisheries  
DLUR= Division of Land Use Regulation  
BMWM= Bureau of Marine Water Monitoring  
USACE= US Army Corps of Engineers  
NJDOH= New Jersey Department of Health  
NJDA= New Jersey Department of Agriculture
I. General Activity Description

1. Which of the following characterizes your commercial shellfish aquaculture location? *Select ALL that apply.
   - ☐ Shellfish Lease  ☐ Riparian Grant  ☐ Upland Facility

2. Identify all Shellfish Lease and/or Riparian Grant Locations where aquaculture activities will be conducted. *Attach a list of additional lots, if needed.

<table>
<thead>
<tr>
<th>Lease Lot or Riparian Owner</th>
<th>Lease Lot Number (Block &amp; Lot for Riparian Grounds)</th>
<th>Lease Lot Section</th>
<th>Estuary/Waterbody</th>
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3. A map of your shellfish aquaculture farm must be included with this application. On the map note site boundaries including GPS coordinates and the locations of any structures, including cages, floats, raceways, or tanks.

   - ☐ Bottom Culture (no gear/structure)
   - ☐ Cage Culture
   - ☐ Rack Culture
   - ☐ Tray Culture
   - ☐ Floating Bags
   - ☐ Floating Cages
   - ☐ Spat Collectors
   - ☐ FLUPSY
   - ☐ Other: ____________________________________________

5. What species are you growing? *Select ALL that apply.
   - ☐ Eastern Oyster
   - ☐ Hard Clam
   - ☐ Blue Mussel
   - ☐ Bay Scallop

6. Identify your seed suppliers.

<table>
<thead>
<tr>
<th>Species</th>
<th>Supplier Name</th>
<th>State</th>
<th>Phone Number</th>
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</table>

7. Will you be growing molluscan shellfish past seed size at an approved UPLAND facility? *If YES, you MUST contact the NJDEP, BMWM at 609-748-2000 for additional permitting requirements.
   - ☐ Yes*
   - ☐ No

*IF YES, you MUST contact the NJDEP, BMWM at 609-748-2000 for additional permitting requirements.
II. Husbandry

8. Do you perform maintenance & husbandry on your lease/riparian?
   □ Yes          □ No

9. Do you perform maintenance & husbandry off-site from your lease/riparian?
   □ Yes          □ No

10. Describe your **Maintenance and Husbandry** activities.

   (culling, sorting, washing)

III. Harvest

11. Is your harvest tide-dependent?
    □ Yes          □ No

12. If YES, at what point in the tide cycle do you harvest (low, mid, high)?
    ______________________________________________________
    ______________________________________________________

13. Describe your **Harvest Activity**.

   (raking, bags onto ATV, cages onto boat)
IV. Post-Harvest Handling

14. Approximately how many hours does it take to get your product to a Certified Dealer after harvest? ____________________ hours

15. Are you a Certified Dealer?
   □ Yes*  □ No
   *If YES, you must provide a copy of the shellfish certificate issued by the Department of Health pursuant to N.J.A.C. 8:13-1.5.

16. Are you utilizing wet storage? (Wet storage is the storage of shellfish from other shellfish growing waters, in a natural or synthetic seawater, to condition, remove sand, or add salt to the shellfish.)
   □ Yes  □ No

17. Describe your Post-Harvest Handling and Transport to Certified Dealer.

   (refrigerated truck; icing, shading)

V. Production

18. Provide an estimate of production numbers of each species you sold in the previous calendar year.

<table>
<thead>
<tr>
<th>Species</th>
<th>Grow Out Production (e.g. on lease)</th>
<th>Hatchery/Nursery Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed - Eastern Oyster</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Seed - Hard Clam</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Eastern Oyster</td>
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<td>Bay Scallop</td>
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</table>

19. Will your operation ONLY produce molluscan bivalve shellfish?
   □ Yes
   □ No*
   *If you are growing organisms in addition to molluscan bivalve shellfish, contact the NJDA, Office of Aquaculture Coordination at 609-292-5532.

[End Grow Out Questions (sign page 8); Pages 6&7, Hatchery & Nursery ONLY.]
VI. Hatchery

**This page MUST be completed if you operate a Hatchery:** A Hatchery is a facility that produces molluscan bivalve seed from broodstock and may grow the seed until movement to approved waters for grow-out (via sale or movement to approved shellfish grounds), provided the seed never grows to a size larger than defined at N.J.A.C. 7:12-1.2.

1. Provide the **water source** for your facility and the **water classification** for that source (according to the most recent Shellfish Growing Water Classification Chart).

<table>
<thead>
<tr>
<th>Water Source</th>
<th>Water Classification (per BMWM <a href="http://www.nj.gov/dep/bmw">www.nj.gov/dep/bmw</a>)</th>
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</table>

2. Provide the **number of broodstock** maintained at the hatchery for each species produced.

<table>
<thead>
<tr>
<th>Species</th>
<th>Number of Broodstock</th>
</tr>
</thead>
<tbody>
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<td></td>
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</table>

3. **Where** are the broodstock kept within the hatchery?

______________________________________________________________________
______________________________________________________________________
______________________________________________________________________

4. **When** are broodstock within the hatchery (provide best estimate dates or months)?

______________________________________________________________________
______________________________________________________________________
______________________________________________________________________

5. What **security measures** are used to ensure safety of the broodstock within the hatchery?

______________________________________________________________________
VII. Nursery

**This page MUST be completed if you operate a Nursery:** A Nursery can only be used for the grow-out of seed and cannot contain any shellfish above the seed sizes defined at N.J.A.C. 7:12-1.2.

6. Provide the **water source** for your facility and the **water classification** for that source (according to the most recent Shellfish Growing Water Classification Chart).

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<tr>
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7. Is the nursery in-water?
   □ Yes   □ No

If YES, provide coordinates:__________________________________________________________

8. Is the nursery on land?
   □ Yes   □ No

If YES, provide address:___________________________________________________________

9. Does the nursery utilize **upwellers**- including FLUPSY systems?
   □ Yes   □ No

   *IF YES:
   a. How many upwellers are present:_____________
   b. Where are they located:_______________________________________________________

10. Does the nursery utilize **downwellers**?
   □ Yes   □ No

    *IF YES:
    a. How many downwellers are present:___________
    b. Where are they located:_______________________________________________________

11. Does the nursery utilize **raceways**?
   □ Yes   □ No

    *IF YES:
    a. How many raceways are present:______________
    b. Where are they located:_______________________________________________________

12. What other items are present at the nursery facility for the growth of shellfish?
ACKNOWLEDGMENT
This document is the *formal application* for an Aquatic Farmer License from the New Jersey Department of Agriculture. As of September 19, 2016, the Aquatic Farmer License additionally serves as the Operational Plan for the NJDEP Commercial Shellfish Aquaculture Permit and the Hatchery/Nursery Permit. Depending on the size, nature, and location of the proposed aquaculture operation, additional permits beyond those listed in this application may be required by local, state, and/or federal regulatory agencies.

This Application will identify additional permits and will allow the NJDA to provide assistance in obtaining those permits. I understand that individual permits required by other regulatory authorities may require separate applications.

By signing below, I understand the benefits and requirements of the Aquatic Farmer License and I agree to cooperate with the New Jersey Department of Agriculture in the development of appropriate production information and other data to ensure the growth and well-being of the New Jersey aquaculture industry.

__________________________________________  ________________________________
(Date)                                            Applicant’s Signature

__________________________________________
Applicant’s Name (Print)