

Molluscan Bivalve Shellfish Only

AQUATIC FARMER LICENSE APPLICATION

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).



ALL molluscan bivalve shellfish culturists within the State of New Jersey, including growers, hatchery operators, and nursery owners, **MUST** do the following:

- 1. Aquatic Farmer License Application/Operational Plan**
 - a. Complete ALL applicable sections
 - b. Sign and Date
 - c. Return this form to the NJDA, Office of Aquaculture Coordination

 - 2. Consolidated Permit Application** through the NJDEP, Bureau of Marine Water Monitoring
 - a. Complete ALL applicable sections
 - b. Send the Consolidated Permit Application directly to NJDEP, BMWM
 - c. Send required permit fees with application
-

DATE: _____

FOR NJDA USE
 AFL#:
 Date Complete:

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

Please provide information on permitting for your shellfish aquaculture farm. If you do not need the listed permit, please place N/A in the box requesting the permit number.

Permitting Authority	Permit/License Name	Permit/License Number
NJDEP, BSF	Commercial Shellfish License	
NJDEP, BSF	Shellfish Lease	(see page 3)
USACE	Nationwide#48/Individual Permit	
NJDEP, DLUR	Coastal Zone Permits	
TIDELANDS	Tidelands License/Riparian Grant	
NJDEP, BMWM	Commercial Shellfish Aquaculture Permit	
NJDEP, BMWM	Hatchery /Nursery Permit	
NJDOH	Certified Dealer	
NJDOH	Wet Storage	
NJDA	Aquatic Farmer License	
NJDEP, BSF	Shellfish Seed Import (Approval Memo)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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

General Activity Description: All Applicants

1. Which of the following characterizes your commercial shellfish aquaculture location?

- Shellfish Lease
 Riparian Grant
 Upland Facility*
 Upland & Lease*

*Hatchery & Nursery operators must complete page 6

2. List all actively used (within 2016) Shellfish Lease and/or Riparian Grant Locations for which this Operational Plan applies. (Please enter Block & Lot for Riparian Grants)

(e.g. A101)				

3. A **map of your shellfish aquaculture farm** must be included with this application. On the map please note site boundaries including GPS coordinates and the general location(s) of your gear. If using multiple types of gear, identify the type and location within the aquaculture site.

4. Which one(s) best describes your shellfish system? (select ALL that apply)

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

5. Will your operation **ONLY** produce molluscan bivalve shellfish?

- Yes
 No

If you are growing organisms *in addition to molluscan bivalve shellfish*, please describe your system.
(e.g. macroalgae, finfish pens, etc.)

6. Will you be **growing molluscan shellfish past seed size at an approved UPLAND facility**? This includes growing molluscan shellfish in a **polyculture** (the growing of 2 or more species) system in an upland facility. This is **ONLY** for an upland facility that will grow bivalve shellfish to market size. (See N.J.A.C. 7:12-1.2 for seed size limitations)

- Yes*
 No

***IF YES, you MUST contact the NJDEP, BMW at 609-748-2000 for additional permitting requirements.** [Answer "NO" if only intertidal, subtidal and/or Hatchery/Nursery operation.]

7. Are any of the lease, riparian, or upland areas within a known endangered or protected species range such that additional conditions for use may apply?

- Yes
 No
 Unknown

Operational Plan: Leases & Riparian Grants

8. Please describe your husbandry, harvest, and transport operational plan.
Additional space to provide the requested information is found on page 5.

Description of Maintenance and Husbandry

e.g. is husbandry within or outside the lease bounds; cleaning & sorting protocol (both within and outside of Vp season); tagging of shellfish containers; journal use; water source for washing shellfish; confirmation of following any applicable endangered species requirements

Description of Harvest Activity

e.g. point in tide when begin harvest (if intertidal/tide dependent); when harvest versus husbandry; how product is kept cool; vehicles used

Description of Post-Harvest Handling and Transport to Certified Dealer

e.g. refrigerator truck; ice in cooler; timeframe; distance to Certified Dealer facility; processing; conducting wet storage (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)

Production: Previous Year

Estimate of 2015 production - numbers of each sold in calendar year 2015.

Please leave any boxes empty for those species you did NOT produce and sell in 2015.

Species	Grow Out Production (e.g. on lease)	Hatchery/Nursery Production
Seed - Eastern Oyster	N/A	
Seed - Hard Clam	N/A	
Eastern Oyster		
Hard Clam		
Blue Mussel		
Bay Scallop		
Other(s):		

Please specify any other species produced in year 2015 by adding the common name in the box above.

Production: Current Year (Seed Purchases)

Please check all species you plan to grow. Identify seed supplier(s), including state and phone number.

Species	Seed Supplier(s) (Include State & Phone #)
<input type="checkbox"/> Eastern Oyster (<i>Crassostrea virginica</i>)	
<input type="checkbox"/> Hard Clam (<i>Mercenaria mercenaria</i>)	
<input type="checkbox"/> Blue Mussel (<i>Mytilus edulis</i>)	
<input type="checkbox"/> Bay Scallop (<i>Argopecten irradians</i>)	
<input type="checkbox"/> Other(s):	
<input type="checkbox"/>	

Please use the following space to provide any additional details you feel are important to note about your molluscan bivalve shellfish aquaculture business. This may include details that could not fit into the space provided on page 4 (husbandry, harvest, or transport) or page 6 (hatchery/nursery).

Upland Facility Operational Plan: Hatchery & Nursery

This page **MUST be completed if you operate a Hatchery or Nursery facility and obtain the Hatchery & Nursery Permit (N.J.A.C. 7:12-9.14) through NJDEP, BMWM.

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.

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.

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

Water Source	Water Classification (per BMWM www.nj.gov/dep/bmw)

HATCHERY- describe the methods used to produce seed

e.g. species & number of broodstock; location of broodstock through the year (e.g. store on-lease, move a group to hatchery in March, bring in additional group in April, move all that remain back to lease in May); security measures to limit access to broodstock (e.g. locked cages, surveillance, fencing, patrols, etc.)

NURSERY- describe the system used to grow-out seed

e.g. 10 upwellers in unused boat slip, 5 downwellers on land; security measures

The BMWM **MUST be notified of any changes to the above information **PRIOR TO** changing the Hatchery or Nursery operation. The permit resulting from this application is specific to your facility location and hatchery/nursery operational plan.*

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.

I understand that the filing of this Aquatic Farmer License Application does not constitute a formal application for any other permits that may be required; this Application will identify such 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, including the partner Consolidated Permit Application, required for the NJDEP Commercial Shellfish Aquaculture Permit and the Hatchery/Nursery Permit.

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 (Please Print)