

# AGRICULTURAL ENVIRONMENTAL MANAGEMENT

## Nearshore Aquaculture Tier 1

AEM Identification Number: \_\_\_\_\_ County SWCD Date: \_\_\_ / \_\_\_ / \_\_\_

Evaluator name: \_\_\_\_\_ Evaluating Agency: \_\_\_\_\_

Farm Name: \_\_\_\_\_

Owners Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Business Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Email: \_\_\_\_\_ Internet/Website/Social Media: \_\_\_\_\_

NYS DEC Permit Number: \_\_\_\_\_

Producer is a member of:  Farm Bureau  LIOGA  NYS Grown and Certified  Other

Producer works with:  NRCS  FSA  Other  None

### Basic Farm Information

What is the primary species grown in your operation?

- Oyster Species: \_\_\_\_\_  Kelp
- Clam Hard or Soft  Mussels
- Other: \_\_\_\_\_  Bay Scallop

Ploidy:  Diploid  Triploid  Tetraploid

What size seed do you buy? \_\_\_\_\_

What are your average starting numbers? \_\_\_\_\_

Approximately how many animals do you have at one time?

Start of Season \_\_\_\_\_ Mid-Season \_\_\_\_\_ End of Season \_\_\_\_\_

If you use FLUPSY's, how big does the seed grow before moving to gear? \_\_\_\_\_

How do you access your plot?  Marina  Private land  Other

Please indicate the following number of acres:

Owned \_\_\_\_\_ Leased \_\_\_\_\_ Licensed \_\_\_\_\_

Do you lease/license your beds for your operation?  Yes  No

Who do you lease/license your beds from? \_\_\_\_\_

If yes, when does your lease/license expire? \_\_\_\_\_

If no what is your situation? \_\_\_\_\_

When does your lease/license expire? \_\_\_\_\_

Please explain your lease/license agreement. \_\_\_\_\_

Where is your farm site? (Four points or center point) UTM Coordinates Zone 18 (Northing, Southing- 6 digits)


Is your site in certified or uncertified waters?  Certified  Uncertified  
NYSDEC Shellfish harvest area? \_\_\_\_\_ (example- NY Harvest P8- On your harvest tag)

What waterway is your farm located in? \_\_\_\_\_

Depth of site at mean low tide. \_\_\_\_\_ ft

Do you own or operate any other farms?  Yes  No

If so, where?

Do you have crop loss insurance through Farm Service Agency (FSA)?  Yes  No

What is your cultivation technique?

Bottom Culture  Rack and bag system  Suspended longline  Floating gear

How do you manage seed upon their arrival from the hatchery?

FLUPSY's  Grow bags and gear  Other \_\_\_\_\_

How do you manage bird aggregation?

## Staffing

How many workers do you generally have? \_\_\_\_\_

Seasonal \_\_\_\_\_ Full-Time \_\_\_\_\_

When are your seasonal staff employed? \_\_\_\_\_ to \_\_\_\_\_

## Boating

Do you own a boat?  Yes  No

How many? \_\_\_\_\_

What kind(s) of boat(s)? \_\_\_\_\_

Where do you keep the boat(s)?

Docked at Marina  Home/Farm on trailer  Mooring

Where do you do your boat maintenance? \_\_\_\_\_

## Water Quality

Do you monitor water quality?  Yes  No

If so, how? \_\_\_\_\_

What parameters do you monitor for?

- |  |   |
|--|---|
| <input type="checkbox"/> Temperature           | <input type="checkbox"/> Bacteria                       |
| <input type="checkbox"/> Dissolved Oxygen (DO) | <input type="checkbox"/> Algae                          |
| <input type="checkbox"/> Salinity              | <input type="checkbox"/> Fecal Coliform/ <i>E. Coli</i> |
| <input type="checkbox"/> Turbidity             | <input type="checkbox"/> Other _____                    |

When was your last sampling? \_\_\_\_\_

Did the sample go to a certified lab?  Yes  No  Unsure

Do you have the results?  Yes  No  Unsure

Would you like to do sampling?  Yes  No  Unsure

## Sales

Approximately, what percentage of annual sales are wholesale to:

Distributors \_\_\_\_\_ %

Restaurants \_\_\_\_\_ %

Retail Fish markets \_\_\_\_\_ %

Approximately, what % of annual sales are retail/online sales? \_\_\_\_\_ %

Approximately, what % of annual sales is direct to consumer/farmer market? \_\_\_\_\_ %

Approximately how much product do you bring to market each year? \_\_\_\_\_

Seaweeds? Industrial \_\_\_\_\_ %, Commercial \_\_\_\_\_ %

How do you sort your stock?  Roller  Hand sort

## Food Safety

NYSDEC permits, as applicable:

- |  |   |
|--|---|
| <input type="checkbox"/> Class A- Shellfish shipper          | <input type="checkbox"/> Food Fish and Crustacea (FF&C) dealer/shipper              |
| <input type="checkbox"/> Class B- Shellfish processor        | <input type="checkbox"/> Article 20-C License from NYS Dept. of Agriculture Markets |
| <input type="checkbox"/> Class C- Shellfish re-shipper       | <input type="checkbox"/> Other _____  |
| <input type="checkbox"/> Class D- Shellfish digger/shipper   |   |
| <input type="checkbox"/> Class E- Bay Scallop shucker/packer |   |

Town/County/State/Federal Permits

- |  |  |
|--|--|
| <input type="checkbox"/> NYSDEC On/Off Bottom Culture Permit   | <input type="checkbox"/> Importation Permit (if larvae, seed or fingerlings are obtained from another state) |
| <input type="checkbox"/> State, County, Township, Private Lease of underwater lands; or deed for privately owned underwater lands (shellfish producers). | <input type="checkbox"/> Marine Hatchery Permit  |

## Agriculture and the Community

Do you have any trouble with the public?  Yes  No

If so, what? (gear damage/tampering, buoy/gear complaints, etc.)

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### Future Status of the Farm

Do you anticipate any major modifications on your farm within the next 5 years?  Yes  No

If yes, please check the condition(s) that best describes the modification(s):

- |   |  |
|---|--|
| <input type="checkbox"/> Business Structure | <input type="checkbox"/> Operation Type              |
| <input type="checkbox"/> Expansion          | <input type="checkbox"/> Diversification of Business |
| <input type="checkbox"/> Retirement         | <input type="checkbox"/> Sale of Farm                |

### Are you interested in any of the following?

<input type="checkbox"/> Restrooms/Sanitation Facilities
<input type="checkbox"/> Antifouling BMP's
<input type="checkbox"/> Petroleum Storage
<input type="checkbox"/> Coastline Resiliency/Living Shoreline
<input type="checkbox"/> Water Quality Monitoring
<input type="checkbox"/> Power – Variable speed motors
<input type="checkbox"/> Restoration of Oyster Reef (NRCS CPS 643)
<input type="checkbox"/> Biofouling Control (NRCS CPS 400)
<input type="checkbox"/> Access Control (buoy demarcation) (NRCS CPS 472)
<input type="checkbox"/> Integrated Pest Management (IPM)
<input type="checkbox"/> Shoreside Facilities
<input type="checkbox"/> Electric Access
<input type="checkbox"/> Freshwater Access
<input type="checkbox"/> Ice Machines
<input type="checkbox"/> Gear Storage
<input type="checkbox"/> Kelp Processing
<input type="checkbox"/> Brining Tanks
<input type="checkbox"/> Energy Efficiency
<input type="checkbox"/> Federal Support/Funding
<input type="checkbox"/> Legislative and Policy
<input type="checkbox"/> Agriculture Support Organizations
<input type="checkbox"/> Other (Please describe):