

**DEPARTMENT OF ENVIRONMENT
APPLICATION FORM REQUESTING APPROVAL OF A SOURCE
(LAND-BASED AQUACULTURE)**

Water Quality Regulation – Clean Environment Act

I. APPLICATION FOR:

- A. Construction/ Modification Operation
- B. Facility type: Fresh water tank culture (hatchery, tank field or grow-out)
 Fresh water pond culture
 Salt water – pump ashore
- C. Species reared: _____

II. COMPANY INFORMATION:

Legal Name: _____

Common Name: _____

Address (including civic no.): _____

Mailing Address (if different from above): _____

Phone: _____ Fax: _____

III. APPLICANT'S INFORMATION:

Name: _____ Position: _____

Department Name: _____ Office Name: _____

Address (including civic no.): _____

Mailing Address (if different from above): _____

Phone: _____ ext. _____ Fax: _____ E-mail: _____

Existing Environment and Local Government Approval No. (if any): _____

IV. CONTACT INFORMATION:

Name (if different from above): _____ Position: _____
Department Name: _____ Office Name: _____
Address (including civic no.): _____
Mailing Address (if different from above): _____
Phone: _____ ext. _____ Fax: _____ E-mail: _____

V. SOURCE INFORMATION

Location of Facility: _____
Geographic Coordinates of Source: _____

Parcel Identification # (PID): _____
Expected Date of Operation or Construction (if applicable): _____
Description of Source: i) **Approval to Construct/ Modify -- complete "Supporting Form A"**
ii) **Approval to Operate -- complete "Supporting Form B"**

*****This application will not be considered without the completion of the appropriate Supporting Form A or B*****

Note: Business plans and other corporate financial information need not be submitted with this application.

I certify that the information in this application and supporting documents is correct to the best of my knowledge and belief and I consent to the collection, use and disclosure of the information contained herein.

.....
Applicant's Signature

.....
Date

FORM A

SUPPORTING INFORMATION (Request for an Approval to Construct a New, or Modify an Existing, Land-Based Aquaculture Facility)

The following information is required prior to issuing an Approval for the construction of a new, or the modification of an existing, land-based aquaculture facility. Please attach sheets as required:

1. Site layout diagram with scaled drawings indicating the proposed locations of all new structures, including:
 - Buildings
 - Wells
 - Pipelines
 - Tanks
 - Ponds
 - Other construction features that may result in site disturbance

The site layout diagram should also indicate the locations of these features in relation to any nearby water bodies, access roads, and any pre-existing site development features.

2. Topographic map indicating the site location in relation to surrounding property owners, neighbouring residences and wells.
3. List all proposed water supplies for the facility, and the proposed withdrawal rate for each.
4. Describe the proposed rearing structures (eg. number of tanks, size of tanks, total rearing volume of the facility).
5. Does the facility include water reuse or water recirculation technology? What is the anticipated recirculation rate (%).
6. What is the maximum stocking level for the facility, both in terms of maximum number of fish reared, average size of fish at peak production, and total biomass of fish at peak capacity.
7. List all species to be reared at the facility and all life stages that each will achieve while held at the facility.
8. What is the anticipated maximum feeding rate (kg/day and % body weight/day).
9. What effluent treatment system(s) will be employed? Provide details of filter mesh sizes, solids removal efficiencies etc. The dimensions and design of any settling ponds should also be provided.
10. Provide the names of the facilities that have agreed to accept the fish waste (sludge and moribund fish) from this facility, or detail any alternate disposal plans.

11. Provide a list of all chemicals including, but not limited to: pesticides, antibiotics, therapeutants, water treatment chemicals, petroleum products, and disinfectants that may be used during the operation of the facility.
12. To what water body will the final effluent discharge? Describe the discharge structure(s) in terms of location, composition, and construction techniques for putting them in place. What is the expected minimum dilution rate of the effluent in the receiving water?
13. What is the nearest downstream receptor?
14. Should an Approval be issued, how long is the construction period expected to last?
15. Please include any additional information about the facility that you feel is necessary to understand the environmental impacts (real or perceived) from this proposed facility.

FORM B

SUPPORTING INFORMATION (Request for an Approval to Operate an Existing, Land-Based Aquaculture Facility)

The following information is required prior to issuing an Approval for the operation of an existing, land-based aquaculture facility. Please attach sheets as required:

1. Site layout diagram with scaled drawings indicating the locations of all structures, including:

- Buildings
- Wells
- Pipelines
- Tanks
- Ponds

The site layout diagram should also indicate the locations of these features in relation to any nearby water bodies, and access roads.

2. Topographic map indicating the site location in relation to surrounding property owners, neighbouring residences and wells.
3. List all water supplies for the facility, and the withdrawal rate for each.
4. Describe the rearing structures (eg. number of tanks, size of tanks, total rearing volume of the facility).
5. Does the facility include water reuse or water recirculation technology? What is the recirculation rate (%).
6. What is the maximum stocking level for the facility, both in terms of maximum number of fish reared, average size of fish at peak production, and total biomass of fish at peak capacity.
7. List all species reared at the facility and all life stages that each will achieve while held at the facility.
8. What is the maximum feeding rate (kg/day and % body weight/day).
9. What effluent treatment system(s) are employed? Provide details of filter mesh sizes, solids removal efficiencies etc. The dimensions and design of any settling ponds should also be provided.
10. Provide the names of the facilities that have agreed to accept the fish waste (sludge and moribund fish) from this facility, or detail any alternate disposal plans.

11. Provide a list of all chemicals including, but not limited to: pesticides, antibiotics, therapeutants, water treatment chemicals, petroleum products, and disinfectants used during the operation of the facility.
12. To what water body does the final effluent discharge? Describe the discharge structure(s) in terms of location, and design. What is the minimum dilution rate of the effluent in the receiving water?
13. What is the nearest downstream receptor?
14. Please include any additional information about the facility that you feel is necessary to understand the environmental impacts (real or perceived) from this facility.