



**MINISTRY OF AGRICULTURE, FOOD AND FISHERIES
FINFISH AQUACULTURE SITE INSPECTION CHECKLIST**

1. OPERATION DESCRIPTION

Incident Number: _____

Company Name: _____

Location: _____

Site Name: _____

Aquaculture Licence Number: _____

Inspection Date and Time: _____

Person(s) Interviewed: _____

Inspection Completed by: _____

General Comments: _____

2. TERMS AND CONDITIONS

MANAGEMENT PLAN		OBSERVED ON SITE		
Species	Biomass	Species	Piece Count	Biomass
Total				

Comments: _____

Containment Structures

MANAGEMENT PLAN			OBSERVED ON SITE			
Structure	Size	Total Number	Structure	Size	Total Number	Number in Use

Comments: _____

2.2 AQUACULTURE LICENCE

Is the aquaculture licence current?

YES NO

s. 13 of Fisheries Act, s. 2 of Aquaculture Reg.

Checklist Section
Specific Questions & Relevant Section of Aquaculture Regulation
WRITTEN RECORDS

STATUS

3. ESCAPE REPORTS

- During the last 12 months has the farm detected any escapes or possible escapes? YES NO
 - If yes, was the escape reported to the Manager of Aquaculture? **s. 4(1)** YES NO
 - Provide details of most recent escape event (date, species, number, cause, year stocked, average weight, rearing facility, record of each drug): **s. 4(2)** _____
-
-

4. INVENTORY RECORDS (CONTAINMENT STRUCTURES)

- Are the required inventory records kept for each containment structure? (fish in, fish out, mortalities, escapes and source of fish) **s. 5(1)** YES NO
- Are the above inventory records kept on site? **s. 5(2)** YES NO

5. INSPECTION RECORDS

- Are daily above-water visual inspections of cage support systems done? **s. A5(c)** YES NO
- Are these daily visual inspections recorded in a written record kept on site? **s. A5(e)** YES NO
- Are written records maintained of all complete net cage inspections (by divers or other approved methods)? **s.6(1)** YES NO
 (Hole check dives are required after extreme environmental conditions, net changes, fish delivery, recurring predator attacks, vandalism, towing of active pens and other activities that increase the risk of net failure)**s. A19 (2) (c)**
- Are the required net cage maintenance records kept on site: **s. A21** YES NO
 (on site net records required are inventory control number dimensions, mesh size, record of last out-of-water service, accumulated time-in-water, description and date of each inspection since the last out-of-water service and the date, description and reason for all repairs made since the last out-of-water servicing or inspection)

6. BEST MANAGEMENT PRACTICES PLAN (BMP)

- Does the Company have a BMP on site? **s. A34(1)** YES NO
 - Is the BMP complete? YES NO
 (The BMP should include the following activities: fish delivery, handling and harvesting; net cage and bag changing; boat operation; towing of active containment structures; management of predators and recovery of mortalities)
 Comments on BMP _____
-

- Is further investigation of BMP required to ensure the BMP meets escape prevention objectives? **s. A34(3) (d)** YES NO
- Does the BMP plan include a statement that the plan has been reviewed and endorsed by the holder? **s. A34(2)(b)** YES NO

7. ESCAPE RESPONSE

- Does the holder have a written Escape Response Plan posted in a visible location? **s. 35** YES NO
- Are arrangements in place with federal, provincial and local government authorities to obtain necessary approvals for recapturing escaped fish? **s. A40** YES NO

8. THERAPEUTANT USE & RECORDS (not required on site)

- Are treatments currently being administered? YES NO
 - a) If yes, are the treated groups identified? YES NO
 - b) If no, indicate date of last treatment: _____
 - For current or last treatment indicate: **s. 8(7)(g)**
 - a) name of therapeutant: _____ N/A
 - b) name of prescribing veterinarian: _____ N/A
 - c) anticipated withdrawal time: _____ N/A
 - Are drug administration records kept. **s. 8(3)** YES NO
- If fish are being harvested has the holder completed a form pursuant to **s. 8(4)** and **8(7)** YES NO

9. NET CAGE INSPECTIONS

- Is the water line rope the primary point of attachment of the net cage to the cage support system (for cages without a permanently attached mesh top)? **S. A7** YES NO
 - Does the jump net extend at least 1 metre above the water line (for cages without a permanently attached mesh top)? **s. A8** YES NO
 - Is sufficient weight or pressure used to produce tension on net panels in order to maintain a taut net? **s. A9** YES NO
 - Are net cages weighted at a sufficient number of points to ensure the tension or weight is distributed evenly? **s. A10** YES NO
 - Are tears found in nets that are in use or intended for use repaired immediately? **s. A13** YES NO
 - How are complete inspections of active net cages done? (i.e. diver or other method) _____
-
- Are underwater inspections completed before a new group of fish is introduced? **s. A19 (2)(a)** YES NO
 - Are complete inspections done on active net cages at least every 60 days (by divers or an approved comparable method)? **s. A19(2)(b)** YES NO
 - Are all containment structures inspected after events that could increase the risk of escape? **s. A19(2)(c)** YES NO
(Activities that increase risk of escape are extreme weather, net changes, fish delivery, recurring predator attacks, vandalism, towing containment structures.)
 - Are all net cages permanently marked with an inventory control number? **s. A20** YES NO

10. BOAT DOCKING

- Is there a designated docking site for boats not involved in fish cultivation?
s. A26 YES NO
- Are signs posted on the containment system to direct boats to this site?
s. A27 YES NO
- Are these sites designed and located to prevent propeller damage to net cages?
s. A28 YES NO
- Are any large vessels moored to cage support system rails or stanchions?
s. A29 YES NO

11. FISH HANDLING

If fish handling is occurring, is the company using the following:

- a) Spotters during fish handling activities or when a large vessel is operating nearby?
s. A31 YES NO
- b) Catch nets when transporting, harvesting, grading, sampling and moving live fish outside of net cages?
s. A32 YES NO

12. PREDATOR CONTROL

If a pattern of predator attack has been established, has the operator of the site implemented measures to prevent loss of stock and containment structure damage?
s. A33 YES NO

13. BIOSECURITY PROCEDURES (for information only)

- Are there multiple year classes on site? YES NO
- If yes, are classes separated? YES NO

ADDITIONAL COMMENTS/OBSERVATIONS



MINISTRY OF WATER, LAND AND AIR PROTECTION
FINFISH AQUACULTURE SITE INSPECTION CHECKLIST

OPERATION DESCRIPTION

Incident Number: _____

Company Name: _____

Location: _____

Site Name: _____

Aquaculture Licence Number: _____

Inspection Date and Time: _____

Person(s) Interviewed: _____

Inspection Completed by: _____

General Comments: _____

A. REGISTRATION (Section 3)

- Has the site been registered? YES [] NO []
If no, has the site been stocked since Dec 11, 2002? YES [] NO []

B. BEST MANAGEMENT PRACTICES (Section 8)

- Is there a copy of the BMP available at the facility? YES [] NO []
Does the BMP identify as an objective compliance with requirements in Sections 5 and 6, and the standards in Section 4? (Standards for soft bottoms) YES [] NO []
Does the BMP document show plans for continual reduction in discharges or reduction in number or quantity of potential sources of discharges? YES [] NO []
Has the BMP been reviewed by the staff at the facility? YES [] NO []
Does the BMP included a fish kill contingency plan? YES [] NO []
Does the plan identify normal mort recovery thresholds? YES [] NO []
Does the plan provide contact phone numbers? YES [] NO []
Does the plan consider logistics up to total loss of fish? YES [] NO []
Does the BMP provide information to meet the following objectives:
Compliance with monitoring and reporting? YES [] NO []
Continual reduction of number and quantity of wastes? YES [] NO []
Continual improvement in feed conversion ratio? YES [] NO []
Prevention of spillage of feed? YES [] NO []
Prevention of attraction/access of wildlife to feed? YES [] NO []
Prevention of access by wildlife to containment structures? YES [] NO []
Does the BMP contain a list of potentially harmful materials? YES [] NO []

BLOODWATER DISPOSAL

- Are fish live hauled to a processing plant? YES NO

If yes, list species; _____

- If no, is blood water disposed at the processing plant? YES NO

Waste Management Act, s. 3 (2)

If no, please explain treatment prior to discharge, and volume and location of discharge: _____

NET TREATMENT, CLEANING AND WASTE DISPOSAL

- Are treated nets utilized at the farm? YES NO

- Are nets cleaned at an upland site? YES NO

Provide company, location and frequency. _____

DISINFECTANT USE AND DISPOSAL

- Are disinfectants used on site? YES NO

a) If yes, list types and purposes of use. _____

b) How and where are disinfectants stored during use? _____

- How are used disinfectants disposed?

- Are disinfectants treated prior to disposal? YES NO

If yes, explain. _____

MORT STORAGE AND DISPOSAL

- How are morts stored on site prior to disposal? _____

- What is the frequency of removal? _____

- Was any mort spillage observed? YES NO

If yes, explain location and volume. _____

- Are morts disposed on site? YES NO

If yes, explain method and authority. _____

If no, provide method and name of disposal company. _____

REFUSE STORAGE AND DISPOSAL

- How is refuse stored on site prior to disposal? _____

- Is refuse disposed on site? YES NO

If yes, explain location and method. _____

If no, state the disposal location.

FUEL/PRODUCT USE, STORAGE AND CONTAINMENT

- Are diesel tanks protected with adequate containment? YES NO
BC Fire Code 4.3.7.3
- Is the generator set protected with adequate containment? YES NO
- Are fuels/products (therapeutants, anesthetics) securely stored and protected from environment? YES NO

If no, explain insecure storage. _____

C. SEWAGE TREATMENT AND DISPOSAL (Section 7)

- Is there a washroom facility within the fish farm structure? YES NO
- Is sewage treated via septic tank with 48 hour retention or another authorized method? YES NO

If no, explain treatment. _____

- Is sewage discharged via a 15 metre pipe below water? YES NO

If no, explain discharge. _____

- Are sewage inspection/maintenance/construction records maintained? YES NO

D. ENVIRONMENTAL MANAGEMENT

- Is adequate spill equipment on site? YES NO
- Is a spill contingency plan available on site? YES NO
- Is the Spill Reporting Number (1-800-663-3456) posted on site? YES NO
- Are methods utilized to minimize overfeeding? YES NO

If yes, explain methods. _____

E. WATER USE AND LICENCING

- What is the source of fresh water? _____
- What purpose does this farm use water? _____
- If lake or stream water is utilized, is there a water licence? YES NO
Water Act, s. 41 (1)(p)

If yes, provide licence number or date of application and file number. _____

F. WILDLIFE PREDATOR TRAPPING

- Have wildlife (otters, mink) been trapped over the last year? YES NO
Wildlife Act, s. 11(8)
 - a) If yes, name the trapper and licence number. _____
 - b) List the type and number of species trapped. _____
 - c) Are the species live trapped? YES NO

G. WILDLIFE HUNTING

- Are firearms stored on site for purpose of personal use/hunting? YES NO
Wildlife Act, s. 11(1)(a)(i)

If yes, list responsible person and provincial hunting licence number. _____

ADDITIONAL COMMENTS/OBSERVATIONS _____
