



**BRITISH COLUMBIA FISHERIES  
SALMON FARM SITE INSPECTION CHECKLIST - 2001**

- to be filled out before inspection -refer to management plan
- special provisions for enforcement
- \* -unless otherwise noted references are to the (*Aquaculture Regulation*)

**1. OPERATION DESCRIPTION**

- 1.1. Company Name: \_\_\_\_\_ Location: \_\_\_\_\_
- 1.2. Site Name: \_\_\_\_\_ Aquaculture Licence Number: \_\_\_\_\_
- 1.3. Inspection Date and Time: \_\_\_\_\_
- 1.4. Person(s) Interviewed: \_\_\_\_\_
- 1.5. Inspection Completed by: \_\_\_\_\_
- 1.6. General Comments: \_\_\_\_\_

**2. MANAGEMENT PLAN**

2.1. Licensed Species and Production Level

Licensed Species	Licensed Production Level	Licensed Stocking Level

2.2. Note special provisos on licence file: \_\_\_\_\_

2.3. Species and Number of Fish on Site

Species	Stocking Level	Average Size	Biomass	Entry Date	Harvest Date

## 2.4. Net Pen Description (i.e. Steel Frames, Wood, Wood and Steel Combination, Polar Circles)

Type of Net Pen	Size of Net Pen (feet/meters)	Total Number of Each Pen	Total in Use

2.5. Does the approved net pen configuration match actual farm layout? Yes  No Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_2.6. Appropriate species on site? Yes  No If no, what species – (note explanation of why on site) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_2.7. In compliance with special provisos, if any. Yes  No  N/A 2.8. Is the aquaculture license current? **s. 13 of Fisheries Act/ s. 5 of Aquaculture Reg\*** Yes  No **3. THERAPEUTANT USE & RECORD KEEPING:**3.1. Are drug administration records kept that include: **s.9(3)**

- a) aquaculture licence number and name of holder Yes  No
- b) location of aquaculture facility Yes  No
- c) species of finfish cultured and held Yes  No
- d) name of prescribing veterinarian Yes  No
- e) a log naming the drugs, how they were administered, treatment schedule and the name and signature of person responsible for drug administration Yes  No

If no, corrective action noted: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_3.2. Are treatments currently being administered? **s.9(3)** Yes  No 

- a) If yes, are the treated groups identified? \_\_\_\_\_
- b) If no indicate date of last treatment: \_\_\_\_\_

3.3. For current or last treatment, please indicate **s.9(3)**:

- a) Name of therapeutant: \_\_\_\_\_

b) Name of prescribing veterinarian (if applicable) \_\_\_\_\_

c) Name of feed manufacturer: \_\_\_\_\_

d) Anticipated withdrawal time: \_\_\_\_\_

Indicate if and how the medicated feed is distinguished from the non-medicated feed? \_\_\_\_\_

#### 4. RECORDS AND REPORTS:

4.1. Are the following records being kept? **s. 8.2**

- |  |                              |  |
|--|------------------------------|--|
| a) Transport, transfer and introduction of fish into or away from the facility | Yes <input type="checkbox"/> | No <input type="checkbox"/>                              |
| b) Fish sales, including number and destination                                | Yes <input type="checkbox"/> | No <input type="checkbox"/> N/A <input type="checkbox"/> |
| c) Source (hatchery), number and siting of each stock and lot of fish          | Yes <input type="checkbox"/> | No <input type="checkbox"/>                              |

#### 5. NET MONITORING, EVALUATION AND MAINTENANCE RECORDS

*note: references are to Appendix 2 of Aquaculture Regulation*

5.1. Is a fish inventory record maintained for each net pen? **s.10(a)-(c)** Yes  No

5.2. How often are visual inspections of active net pens done? **s.12(a)** \_\_\_\_\_

a) Are they recorded in the maintenance record? Yes  No

5.3. Are all containment structures inspected after a storm with winds over 55 knots? **s.15** Yes  No  N/A

a) Is this recorded in the maintenance record? Yes  No

5.4. Is a written maintenance record kept for all nets? **s.7(d)** Yes  No

a) Is it company policy to keep these records for two years after retirement of the net? Yes  No

5.5. Are repairs made immediately? **s.12(b)** Yes  No

a) Are they recorded in the maintenance record? Yes  No

5.6.  Are nets pulled for maintenance every 18 months (accumulated time in water)? **s.13 (i)-ii** Yes  No

a) If no, why not? \_\_\_\_\_

b) Is the net strength tested during out of water service? **s.13(i)iii** Yes  No

5.7. Who does the testing? \_\_\_\_\_

5.8.  Are the nets stored in a manner to protect from UV rays  
vermin and other elements when not in use? **s.13(j)** Yes  No

5.9. Describe net storage: \_\_\_\_\_  
\_\_\_\_\_

5.10. Are debris that could damage or tear the net removed  
immediately? **s.20** Yes  No

## 6. BOAT OPERATIONS

*note: references are to Appendix 2 of Aquaculture Regulation*

6.1. Is there a written protocol for preventing boat and propeller  
damage to net pens? **s.8(a)** Yes  No

a) Are staff that operate boats trained in this protocol? **s.8(b)** Yes  No

6.2. Are propeller guards installed on boats that are used regularly  
around the farm? **s.8(c)** Yes  No

a) if no, why not? \_\_\_\_\_

6.3. Is there a written protocol on site for towing net pens: **s. 24**

a) within the tenure boundaries? Yes  No

b) outside the tenure boundaries? Yes  No

## 7. DIVE INSPECTIONS

*note: references are to Appendix 2 of Aquaculture Regulation*

7.1.  Are divers used to collect mortalities at least once a  
week? **s.11(d)** Yes  No

a) If yes:

Are dive inspections to check for net integrity done  
monthly? **s.11(c)** Yes  No

b) If no:

Are dive inspections to check for net integrity done  
bi-weekly? **s.11(e)** Yes  No

## 8. ANCHORING SYSTEM:

*note: references are to Appendix 2 of Aquaculture Regulation*

8.1. When was the last subsurface anchor inspection? **s.14(a)(b)** \_\_\_\_\_

a) Describe inspection method: (divers, camera etc.) \_\_\_\_\_  
\_\_\_\_\_

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## 9. ESCAPE PREVENTION

*note: references are to Appendix 2, Part I*

9.1. Is the Escape Prevention and Response Plan on site? **s.1** Yes  No

9.2. What measures does the company employ to detect escapes? (eg: feed records, observations of jumpers outside net, diver observations, underwater cameras, feeding behaviour) \_\_\_\_\_  
 \_\_\_\_\_

9.3. Is there always someone on the site? Yes  No

9.4. If no, how many hours is the site manned per day? (explain) \_\_\_\_\_  
 \_\_\_\_\_

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## 10. ESCAPE RESPONSE

*Note: Reference is to Appendix 2, Part III*

10.1. Is the escape recapture plan posted in a visible location? **s.32** Yes  No

10.2. Can staff accurately describe the contents of the plan? **s.32** Yes  No

10.3. What type of equipment is on site or available to support the company's escape recovery plan? \_\_\_\_\_  
 \_\_\_\_\_

10.4. Are staff training records maintained - respecting aquaculture, escape prevention and escape response? **s 8.2** Yes  No

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## 11. ESCAPE REPORTS

*Note: Reference is to body of Aquaculture Regulation*

11.1. During the last 12 months has the farm detected any escapes or possible escapes? Yes  No

If yes:

a) Was the escape reported within 24 hours to the Manager of Aquaculture? **s.8 (1)** Yes  No

b) Was a written report submitted within one week to the Manager of Aquaculture? **s.8 (1.1)** Yes  No

11.2. Are records of all escapes kept? **s.8.2(e)** Yes  No

11.3. Provide details of most recent escape (date/ species/ number/ average weight/ cause/ year stocked/ rearing facility) \_\_\_\_\_  
 \_\_\_\_\_

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## 12. PREDATOR AVOIDANCE:

*Note: Reference is to Appendix 2, Part IV*

12.1. Are predator deterrents used? Yes  No

12.2. If no, give reasons (no record of predators, fish big enough, etc.) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

12.3. If yes what type of methods are being used to deter predators?

predator nets  shark guards  bird nets  sound devices\*   
 sealed feed  others/comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

12.4. Are mortalities inspected for signs of predator attack? **s.40** Yes  No

12.5. Are mortalities resulting from predator attacks recorded in the written inventory record? **s.41** Yes  No

12.6. What measures are taken when a pattern of predator attacks is established? **s.42**  
 \_\_\_\_\_  
 \_\_\_\_\_

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## 13. HARVESTING AND PROCESSING

13.1. Harvest method used: Towed  Live Haul  Stunned and Bled

13.2. Where are the fish processed? \_\_\_\_\_  
 \_\_\_\_\_

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## 14. FARM SITE OBSERVATIONS

*Note: Reference is to Appendix 2*

*Net pen requirements*

14.1. Is the primary point of attachment at the water line rope? **s.7(f)** Yes  No

14.2. Does the jump net extend at least 1 meter above the water line? **s.7(g)** Yes  No

14.3. Is sufficient weight or pressure used to produce tension on net panels with the aim of maintaining a taut net? **s.7(h)** Yes  No

14.4. Is the net size appropriate for the size of fish contained? **s.7(i)** Yes  No

14.5. Does all equipment that could come into contact with the net pen have a smooth exterior? **s.7(j)** Yes  No

14.6. Note flotation and condition of floats used for the net cage system: **s.7(j)** \_\_\_\_\_

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14.7. Do all net pens have permanent tags that meet the requirements of **s.7(a)-(c)**? Yes  No

### **Operational Activities**

14.8. Has a docking site been designated for visiting boats? **s.8(d)** Yes  No

a) Is it clearly marked? **s.8(e)** Yes  No

b) Is it designed to prevent propeller damage to net pens? **s. 8(f)** Yes  No

14.9. Is feed stored in a secure manner? **s.43** Yes  No

14.10. Are walkways and pen systems kept clear of feed? **s.44** Yes  No

14.11. Are spotters used during:

a) Fish handling activities? **s.18** Yes  No  N/A

b) When a large vessel is operating nearby? **s.18** Yes  No  N/A

14.12. Are stanchions or net cage railings used to moor large vessels? **s.19** Yes  No  N/A

14.13. Are there catch nets on site? Yes  No  N/A

a) Are they used when transporting, harvesting, grading, sampling, and moving live fish outside net pens? **s.22** Yes  No  N/A

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## **15. BIOSECURITY PROCEDURES**

*Note: collected for information purposes only*

15.1. Are Footbaths stations being used? Yes  No

a) Location of footbaths: \_\_\_\_\_

b) What type of liquid is used \_\_\_\_\_

c) How often is the liquid replaced? \_\_\_\_\_

d) How is the liquid disposed of? \_\_\_\_\_

15.2. Indicate other measures the company uses to prevent spread of disease (company's policy on sharing of equipment, use of workers between sites) : \_\_\_\_\_

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15.3. Are there multiple year classes on site? Yes  No

15.4. If yes, are year classes separated on site? Yes  No

# NOTES





**BRITISH COLUMBIA FISHERIES SALMON FARM SITE INSPECTION COMPLIANCE REPORT**

Company name \_\_\_\_\_  
 Site name/Reference #: \_\_\_\_\_  
 Person interviewed \_\_\_\_\_  
 Signature \_\_\_\_\_  
 MAFF Inspector \_\_\_\_\_  
 Date and Time of Inspection \_\_\_\_\_

Report Section	Compliant	Report Section	Compliant
1. Operation Description	Yes <input type="checkbox"/> No <input type="checkbox"/>	9. Escape Prevention	Yes <input type="checkbox"/> No <input type="checkbox"/>
2. Management Plan	Yes <input type="checkbox"/> No <input type="checkbox"/>	10. Escape Response	Yes <input type="checkbox"/> No <input type="checkbox"/>
3. Therapeutant Use and Record Keeping	Yes <input type="checkbox"/> No <input type="checkbox"/>	11. Escape Reports	Yes <input type="checkbox"/> No <input type="checkbox"/>
4. Reports and Records	Yes <input type="checkbox"/> No <input type="checkbox"/>	12. Predator Avoidance	Yes <input type="checkbox"/> No <input type="checkbox"/>
5. Net Monitoring, Evaluation and Maintenance	Yes <input type="checkbox"/> No <input type="checkbox"/>	13. Harvesting and Processing	Yes <input type="checkbox"/> No <input type="checkbox"/>
6. Boat Operations	Yes <input type="checkbox"/> No <input type="checkbox"/>	14. Farm Site Observations	Yes <input type="checkbox"/> No <input type="checkbox"/>
7. Dive Inspections	Yes <input type="checkbox"/> No <input type="checkbox"/>	15. Biosecurity Procedures	Yes <input type="checkbox"/> No <input type="checkbox"/>
8. Anchoring System	Yes <input type="checkbox"/> No <input type="checkbox"/>		

\*\*If not in compliance see below for further details

Issue	Sections of Aquaculture Regulation/Fisheries Act contravened, if applicable.	Required/Recommended corrective measures	Compliance Date/Follow-up Date	Written notice of compliance necessary (y / n)	Comments

General comments on overall condition and operations of site: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NOTE: ADDITIONS AND/OR CHANGES TO THIS INSPECTION DOCUMENT MAY BE MADE BEFORE IT IS FORWARDED TO THE LICENCE HOLDER'S MAIN OFFICE.**

Signature of Inspector: \_\_\_\_\_  
 Date Forwarded to Head Office: \_\_\_\_\_  
 Date of Chief Inspector Review: \_\_\_\_\_



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Page \_\_\_\_\_ of \_\_\_\_\_

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