



# Marine Finfish Aquaculture Management Plan Form

Name of applicant (business name):	
Name of parent company or affiliate:	
Incorporation number:	
Address:	
Postal code:	E-mail address:
Business telephone:	Fax:
Evening/weekend telephone:	Evening/weekend fax:
Name of contact person:	
<b>Fill in numbers below if available</b>	
Aquaculture Licence #	Land File #
<input type="text"/>	<input type="text"/>
MAFF	LWBC

The province of British Columbia does not consider the information submitted in this form to be confidential, nor does the province consider this information to be supplied in confidence within the meaning of S.21(1)(b) of the Freedom of Information and Protection of Privacy Act. Information supplied in an application may be shared with other agencies and with the public. Questions about how this information will be used should be directed to the Land and Water B.C. Manager of Aquaculture at 250-741-5667 or the Ministry of Agriculture, Fish and Food Manager of Aquaculture Licensing and Enforcement at 250-897-7540.

**May 2003**

**For instructions on completing this plan, consult the  
Guide to Information Requirements for Marine Finfish Aquaculture Applications**

**Marine Finfish Aquaculture  
Management Plan Form**

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MAFF # _____

**SITE LOCATION INFORMATION**

**1.1 Location identification**

a) BCGS Map No: \_\_\_\_\_ CHS Chart No: \_\_\_\_\_

b) **Geographic coordinates of the site's staking notice (legal application marker):**

Latitude: \_\_\_\_\_ N

Longitude: \_\_\_\_\_ W

**Indicate how the above coordinates were derived (check/circle one):**

dGPS

GIS Program

Map/Chart Measurement

c) **Where is the staking notice located** (which corner of the tenure application)?

\_\_\_\_\_

\_\_\_\_\_

**1.2 Site location details:** Provide one of the following legal descriptions of the site.

**1.2.1** If a surveyed lot, provide the legal description of the site (land district & lot number):

\_\_\_\_\_

\_\_\_\_\_

**1.2.2** If not surveyed, state metes and bounds of site in relation to the nearest surveyed lot:

\_\_\_\_\_

\_\_\_\_\_

**1.3 Geographical description of site:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1.4 Unique name for site:** \_\_\_\_\_

**1.5 Location maps:** Submit the following maps and indicate the location of the site and other information as described in the Guide to Information Requirements for Marine Finfish Aquaculture Applications:

- A 1:40,000 to 1:150,000 scale location map. Submit as **Attachment 1.5 (a)**
- A 1:20,000 scale BCGS (cadastral) map. Submit as **Attachment 1.5 (b)**

**1.6 Total area of application:** \_\_\_\_\_ hectares.

**1.6.1 Intensive use area:** Indicate the maximum *intensive use area* (see explanation in Guide) to be occupied at full production: \_\_\_\_\_ ha, or \_\_\_\_\_ % of total tenure area.

**1.6.2 Extensive use area:** Indicate the maximum *extensive use area* (see explanation in Guide) to be occupied at full production: \_\_\_\_\_ ha, or \_\_\_\_\_ % of total tenure area.

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**SITE OPERATIONS AND PRODUCTION DATA**

**1.7 Operational layout**

Prepare one or more **Operational Layout Diagram(s)** and submit as **Figure 1.7**. See the Guide for full instructions.

**1.8 Side-view diagram of improvements**

Prepare **Side-view diagram(s)** showing all above-water improvements and below-water structures to a 10m depth. Submit these as **Part 1.8** of the application. See the Guide for full instructions.

**1.9 Review of site diagrams**

The diagrams in parts 1.7 and 1.8 must be accompanied by a professional review of site structures. Submit this as **Part 1.9** of the application. See the Guide for full instructions.

**1.10 Improvements**

Complete **Schedule 1.10** below, providing dimensions of all existing and planned structures.

**SCHEDULE 1.10: IMPROVEMENTS**

<b>Description</b>	<b>Quantity</b>	<b>Dimensions (in metres)</b>	<b>Area at water level</b>
<i>e.g.: Net cages</i>	<i>12</i>	<i>15m x 15m x 15m cages</i>	<i>2700m<sup>2</sup></i>
<i>e.g.: Feed barge</i>	<i>1</i>	<i>40m x 30m</i>	<i>1200m<sup>2</sup></i>

**Will artificial lighting be used on the site?**

- Always     Sometimes     Never

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**1.11 Facility Production Overview**

List **all** species that will be cultured on the site. Include scientific names.

**SCHEDULE 1.11: FACILITY PRODUCTION OVERVIEW**

<b>Species</b>	<b>Scientific name</b>
<i>e.g. Atlantic Salmon</i>	<i>Salmo Salar</i>
<i>e.g. Black Cod</i>	<i>Anoplopoma fimbria</i>

**Maximum Total Production per Cycle:** \_\_\_\_\_ tonnes

## Detailed Production Table (Supplement to Management Plan Form)

Instructions for completing this table and a description of how the data will be used are provided in the Guide.

### DETAILED PRODUCTION TABLE – Complete for all species and stocks to be cultured

	Species	Stock <sup>1</sup>	Sex <sup>2</sup>	Number of Fish @ SW Entry	Mean Wt. @ SW Entry <sup>3</sup> (g)	Grow-out period (mo.)	Survival of SW Entry (%)	Mean Wt. @ Harvest <sup>4</sup> (kg)	Harvest Tonnage <sup>5</sup> (T)	FCR (bio) <sup>6</sup>
	<i>Salmo salar</i>	Mowi	Reg.	200,000	85	18	90	5	900	1.21
and or	<i>Salmo salar</i>	Namsen	Mono	100,000	100	16	88	4.5	396	1.3
and or	<i>Oncorhynchus tshawytscha</i>	Big Qualicum	Mono	450,000	20	24	75	4	1350	1.25
<b>Maximum total production per cycle<sup>7</sup> (T)</b>									1350	
and or										
and or										
and or										
and or										
and or										
<b>Maximum total production per cycle<sup>7</sup> (T)</b>										

<sup>1</sup> Enter stock name if stock origin is known (e.g. Chapman Creek, Gaspe); if stock is of unknown origin, enter "Unknown;" if mixed, enter "Mixed." Indicate the breed, type, or pedigree, if known (e.g. McMowi, McConnell/Mowi, Cascade). Common names will suffice.

<sup>2</sup> Sex refers to stock genotype, for example 'regular,' 'masculinized,' 'monosex,' 'triploid.'

<sup>3</sup> "Mean weight at saltwater entry:" the average weight of juveniles when they enter saltwater at the facility.

<sup>4</sup> "Mean weight at harvest:" The projected average round weight of the fish harvested from the site.

<sup>5</sup> The total round weight of fish harvested from a farm during a single grow-out period.

<sup>6</sup> Biological Feed Conversion Ratio: A measure of how efficiently feed is converted to body weight, expressed as a ratio of body weight gained to feed input (e.g. 1:1.3).

<sup>7</sup> Maximum Total Production: The maximum tonnage (round weight) of fish harvested within the grow-out period specified.