ADDITIONAL INFORMATION FORM
SALMONIDS, GOLDFISH
& OTHER FISH

Section 1
Application Details

1.1 List the aquaculture associations you are affiliated with.
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1.2 Describe your experience in aquaculture. Include details of qualifications, practical experience and attach any supporting documents to demonstrate your level of experience and expertise.
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1.3 Has technical/professional advice been obtained in relation to site selection, pond design, culture techniques, business planning, etc? If so, please provide names, addresses and contact numbers of consultants.
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1.4 Have you ever been convicted of a fisheries or environmental related offence or currently have charges pending against you for either of these types of offences? If so, give details.
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Section 2
Site Information

2.1 What is the area (hectares) of the proposed site?
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2.2 What is the maximum area to be developed?
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2.3 What facilities are available for use on the proposed site? Please state what these facilities will be used for.
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2.4 What facilities do you intend to construct?

- Hatchery ☐
- Growout ☐
- Broodstock ☐
- Quarantine ☐
- Processing ☐
- Laboratory/Office ☐
- Storage ☐
- Other (please specify) ☐
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2.5 Briefly describe all site preparation activities. Include details on clearing/excavation of land, drainage systems and vegetation.
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2.6 Have you consulted with relevant government authorities in relation to proposed site preparation? Provide details.

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2.7 What management practices will be incorporated into your fish farming activities to minimise impacts on the environment. Attach details on erosion prevention, pollution reduction, flood mitigation and any other relevant environmental management strategies.

2.8 Attach a site plan (1:1000) which accurately depicts the following:

- existing and proposed structures and facilities;
- access routes;
- proposed modifications to topography (eg excavation);
- existing vegetation to be cleared;
- proximity of proposed development to natural waterways and to adjoining residences/property;
- point source of water supply;
- effluent discharge sites.

2.9 What is the proposed time frame for development of the site? If the development is to be completed in stages, define these stages together with timing of each.

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2.10 Have you received in-principle support from local council for the proposed development? If yes, provide details and documentation.

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2.11 Is a permit required from council for the proposed development? Yes / No

Have you submitted an application with council? Yes / No

2.12 Overall checklist for site suitability.
Please tick boxes that relate to the proposed site.

- ☐ Site not prone to flooding (ie above 1:100 year flood zone).
- ☐ Site is well drained.
- ☐ Site not in a pollution prone area.
- ☐ Topography suitable for proposed development.
- ☐ Soil type suitable for proposed development.
- ☐ Adequate water supply.
- ☐ Water quality suitable.
- ☐ Suitable for re-use of effluent discharge.
- ☐ Climate suitable for species to be farmed.
- ☐ Provisions exist for potential expansion.
- ☐ Electricity supply.
- ☐ Vehicle access.

Section 3
System Design, Water Supply and Effluent Disposal

3.1 What water source will be used?

- ☐ Surface water supply (river, creek). Name of river, creek, etc .....
- ☐ Aquifer (bore)
- ☐ Storage dams
- ☐ Other (please specify)
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3.2 What is the volume of water required?

..... ML/Day
..... ML/Annum

3.3 Has water availability been discussed with DPIW Rivers and Water? Yes / No

3.4 Attach flow data for the waters from which water will be abstracted (contact DPIWE Rivers and Waters, for flow data information). What are the minimum flow rates recorded for this waterway?

..... ML/Day
..... ML/Annum

3.5 Is a Water Right required for the proposal? Yes / No

3.6 Do you have a Water Right for the proposal? If so, please submit a copy with the application. If not, have you applied for a Water Right? Yes / No

..... ML/Day
..... ML/Annum

3.7 Where dams are proposed (ie for water storage or for actual culture purposes), have you consulted with DPIPWE, Water Management? Provide details. Is a permit required?

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3.8 Describe methods for managing water supplies. Include size of pumps, lines, water storage capacity.

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3.9 Attach a detailed plan of the system design which accurately depicts:

- the number and layout of tanks;
- broodstock, hatchery, growout and quarantine facilities;
- water supply and drainage lines;
- discharge provisions;
- heating and insulation provisions.

3.10 Will each tank, pond, raceway have an independent water system? If so, please give details.

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3.11 Provide details on drainage and overflow mechanisms that will be used in all sections of the farm. State whether each tank, pond, raceway has its own mechanisms.

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3.12 Indicate whether tanks, ponds, raceways will be used.

	Tanks	Ponds	Raceways
Broodstock	☐	☐	☐
Hatchery	☐	☐	☐
Growout	☐	☐	☐

3.13 Provide specifications for tanks, ponds, raceways to be used in each section of the culture activities.

	Broodstock	Hatchery	Growout
Number	.....	.....	.....
Volume	.....	.....	.....
Design	.....	.....	.....
Shape	.....	.....	.....
Material	.....	.....	.....
Wall Height	.....	.....	.....

3.14 Estimate total volume tanks, ponds, raceways. Indicate maximum daily rate of water supply and expected daily exchange rates (%).

	Volume (Litres)	Maximum Supply (Litres/Sec)	Daily Exchange Rate (%)
Broodstock	.....….	.....	.....
Hatchery	……	……	……
Growout	……	……	……

3.15 Indicate the level of culture to be undertaken for each of the designated culture activities.

	Intensive	Extensive
Broodstock	☐	☐
Hatchery	☐	☐
Growout	☐	☐

3.16 Indicate the type of culture system for each of the designated culture activities.

	Recirculating	Flow Through
Broodstock	☐	☐
Hatchery	☐	☐
Growout	☐	☐

3.17 Provide details on the proposed effluent treatment system. Include details on mechanical and biological filtration.

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Maximum effluent discharge will be ..... ML/Day

3.18 Indicate method for disposal of effluent discharge.

Into natural waterways ☐
Specify .....

For re-use (eg irrigation) ☐
Specify .....

Other ☐
Specify .....

3.19 Attach flow data for the receiving waterway (contact DPIW Rivers and Waters for flow data information). What are the minimum flow rates recorded for this waterway?

..... ML/Day
..... ML/annum

3.20 What is the projected effluent load (in terms of organic and inorganic) pre and post treatment?

Effluent	Pre Treatment	Post Treatment
BOD (mg/l)	.....	
Faecal coliforms/100ml	.....	
Nitrite/Nitrate (mg/l)	.....	
Ammonia (mg/l)	.....	
Phosphorous (mg/l)	.....	

Section 4
Culture Species and Methodology

4.1 What species do you propose to culture. Provide common and scientific names.

Common Name	Scientific Name
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4.2 Where will stock be obtained? Indicate source (ie wild or cultured) and the supplier of each species to be cultured.

Species	Source	Supplier
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4.3 Describe any staging of the proposal (ie research and development, pilot, commercial) and indicate the timing of each.

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4.4 Indicate maximum production levels (ie biomass in kg) for each level of activity and stage of development.

	Research	Pilot	Commercial
Broodstock	.....	.....	.....
Hatchery	.....	.....	.....
Growout	.....	.....	.....

4.5 What will be the maximum stocking rates? kg/m^3

Broodstock	.....
Hatchery	.....
Growout	.....

4.6 Provide details on feeding procedures. Include details of diet type and daily feeding rates (% per kg body weight), feeding periodicity, etc.

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4.7 What is the proposed culture water temperature or range of temperatures?
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4.8 Describe disease prevention methods and corrective procedures that will be used in case of a disease outbreak.
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4.9 How will chemically contaminated waters be treated and disposed of? Explain in detail.
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4.10 Describe method for containment of culture species. Include design and construction details (ie materials, aperture and size of screens/barriers).
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