



Land Based Aquaculture Environmental Monitoring Program (EMP) Report

2004 – 2005

For reporting period 1 May 2004 to 30 April 2005

Proforma

This Proforma is intended to simplify and standardise EMP Reports for land based aquaculture licence holders and can be used to complete your EMP Report Requirements. Environmental Monitoring Program Report requirements can be viewed at PIRSA Aquaculture's website: <http://www.pir.sa.gov.au/aquaculture>, or by calling PIRSA Aquaculture on (08) 8226 0314. Within this Proforma, sections should be completed using a black pen with responses circled where appropriate. Send the completed Proforma (starting next page), with additional information attached where necessary, via mail, facsimile or e-mail to:

Mail: Environmental Resource Officer
PIRSA Aquaculture
GPO Box 1625
Adelaide SA 5001

Facsimile: (08) 8226 0330

E-mail: madigan.stephen@saugov.sa.gov.au

*Annual licensee Environmental Monitoring Program Reports should be undertaken in **May** every year to cover the previous 12 months and must be submitted to PIRSA Aquaculture no later than **31 May 2005**.*



Land Based Aquaculture Licensee EMP Report

1. Licensee information.

Licence Number(s)			
Contact Name			
Address			
		Post Code	
E-mail			
Phone		Facsimile	
Submission Date			

2. Has there been any production in the last 12 months?

Yes	No
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3. How many species do you currently farm?

1	2	3	4	5
6	7	8	9	10

If more than one species is farmed please list them.

4. What is/are the principal species farmed in the last 12 months?

Yabbies	Marron	Trout	Murray Cod
Silver Perch	Golden Perch	Greenlip Abalone	Blacklip Abalone
Barramundi	Kingfish	Goldfish	Other

If 'Other', please specify.



5. Does waste water used in aquaculture production leave the property?

Yes	No
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6. Is the waste water treated in any manner?

Yes	No
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Describe how the waste water is treated and what is removed by the treatment process (eg suspended solids, nutrients etc).

7. Regardless of whether it leaves the property or not, does the waste water interact with any other water body?

Yes	No
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8. If 'yes', which type of water body does the waste water interact with?

Ocean	Ground Water	Mains Water	Surface Water	Other
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Provide details (eg stream, dam, rain etc) of the interaction where necessary.



9. What is the source of production water?

Ocean	Ground Water	Surface Water
Mains Water	Other	Combination

Where necessary provide details as to its source (eg stream, dam, rain etc).

10. What is the salinity of the production water?

Fresh	Brackish	Marine
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11. Is the volume of production water used known?

Yes	No
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12. Is the volume of production water used per month constant?

Yes	No
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State the volume (in thousands of litres – ‘kl’) of production water used per month.

Month	May 04	Jun 04	Jul 04	Aug 04	Sep 04	Oct 04
Volume (kl)						
Month	Nov 04	Dec 04	Jan 05	Feb 05	Mar 05	Apr 05
Volume (kl)						

13. State the total volume (in thousands of litres – ‘kl’) of production water used in the last 12 months.

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14. Is feed added for aquaculture production?

Yes	No
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15. Is the quantity of feed used for aquaculture production known?

Yes	No
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16. Is the quantity (kg) of feed used for aquaculture production per month constant?

Yes	No
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State the quantity (kg) of feed used for aquaculture production per month.

Month	May 04	Jun 04	Jul 04
Quantity (kg)			
Month	Aug 04	Sep 04	Oct 04
Quantity (kg)			
Month	Nov 04	Dec 04	Jan 05
Quantity (kg)			
Month	Feb 05	Mar 05	Apr 05
Quantity (kg)			

17. State the total quantity (kg) of feed used in the last 12 months.

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18. State the type of aquaculture feed provided.

Natural	Manufactured	Combination
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19. Based on discharge type and feed usage, does your aquaculture operation have a low, medium or high environmental risk profile with respect to water quality monitoring requirements (see attached Land Based Aquaculture EMP Reporting Requirements for Licensees sheet for more information)?

Low	Medium	High
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20. Have there been any disease incident(s) with respect to cultured stock in the last 12 months?

Yes	No
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If 'yes' state the date, time, nature of and response to the incident(s).

21. Have any chemicals or medicines been used in the last 12 months?

Yes	No
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If 'yes', state the date, type, amount and purpose the chemicals or medicines were used for.

22. Have there been any modifications to your farm layout in the last 12 months?

Yes	No
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If 'yes' attach a description and diagram to this Proforma showing the modifications to the licensed area, including location and number and size of



farming structures (location of site corner markers should be included using WGS84 decimal degrees or GDA94 Easting and Northing coordinates).

23. Checklist of additional EMP Report requirements (tick where the stated action has been undertaken/attached with this Proforma).

All licensees must...	✓
Provide a map showing any changes to the layout of the farm including location of any intake and discharge pipes, ponds and dams as well as the location of any other water bodies that may interact with the farm's operations (attach with this report).	
Licensees categorised as having a medium or high risk profile must...	✓
Take water quality samples as part of your licence conditions and submit a copy of the original results with this report.	
Provide a signed statutory declaration with this report to show that water quality results (medium and high risk category licensees only) supplied are those of the samples collected at the time(s) and from the location(s) stipulated.	
Provide the location of all water quality sample sites using GDA94 Easting and Northing coordinates or WGS84 decimal degrees attached with this report.	

DECLARATION

I certify that the information contained within this form is complete and correct.

Signature

Name

Date

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A person must not make a statement that is false or misleading in a material particular (whether by reason of the inclusion or omission of any particular) in any information provided under the Aquaculture Act 2002.
Maximum penalty: \$5000