

## SUPPLEMENTARY GAZETTE



THE SOUTH AUSTRALIAN  
GOVERNMENT GAZETTE

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PUBLISHED BY AUTHORITY

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ALL PUBLIC ACTS appearing in this GAZETTE are to be considered official, and obeyed as such

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ADELAIDE, THURSDAY, 12 APRIL 2001

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FISHERIES ACT 1982: SECTION 59

TAKE notice that, pursuant to section 59 of the Fisheries Act 1982, Global Trade & Project Development SA Pty Ltd (20050) (or his agent) (hereinafter referred to as the 'exemption holder'), Lots 12 and 13 of DP of Part Section 5069, Whites Road, Bolivar, S.A. 5110, shall not be guilty of an offence when engaging in the activities and to do the acts specified in Schedule 1 subject to the conditions specified in Schedule 2 from the date of gazettal of this exemption until revoked by the Director of Fisheries.

SCHEDULE 1

The importation and release of Barramundi (*Lates calcarifer*), into tanks located at section 5069 in the Hundred of Port Adelaide.

SCHEDULE 2

1. The exemption holder must maintain adequate security arrangements to prevent escapement of fish (ova, fry, or adult) into any South Australian waters.

2. Fish obtained within South Australia for use on the registered fish farm must be obtained from registered fish farmers, licensed fishers or other persons approved by the Director of Fisheries.

3. Fish must not be collected from rivers, streams, lakes or other inland waters of this State unless prior approval for this collection is granted by the Director of Fisheries.

4. The exemption holder must not import any live fish (ova, fry, or adult) into South Australia unless the shipment has certification from an appropriate authority in the State from which they are obtained that they are free from all relevant notifiable diseases listed in Schedule 4 of the Fisheries (Exotic Fish, Fish Farming and Fish Diseases) Regulations 1984.

5. The exemption holder must not contravene or fail to comply with the Fisheries Act 1982 or any regulations made under the Act, except where specifically permitted by this notice.

6. The exemption holder must retain the copy of this permit which has been supplied by the Director of Fisheries, and if

requested by a PIRSA Fisheries and Aquaculture Compliance Officer, produce that permit for inspection.

7. The fish farmer must report all notifiable diseases to the General Manager Aquaculture.

8. The fish farmer must monitor farm fish mortalities and notify the General Manager Aquaculture of a mortality rate over 5% in 24 hours.

Dated 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture,  
as the delegate of the Minister for Primary  
Industries

FT00674

FISHERIES ACT 1982: SECTION 59

TAKE notice that, pursuant to section 59 of the Fisheries Act 1982, Bagdad Fisheries Pty Ltd (19899) (or his agent) (hereinafter referred to as the 'exemption holder'), Section 237 in the Hundred of Waterhouse, Robe, S.A. 5276, shall not be guilty of an offence when engaging in the activities and to do the acts specified in Schedule 1 subject to the conditions specified in Schedule 2 from the date of gazettal of this exemption until revoked by the Director of Fisheries.

SCHEDULE 1

The importation and release of Bream, Black (*Acanthopagrus butcheri*) and Brine Shrimp (*Artemia Spp.*) into ponds located at Section 71 in the Hundred of Ross.

SCHEDULE 2

1. The exemption holder must maintain adequate security arrangements to prevent escapement of fish (ova, fry, or adult) into any South Australian waters.

2. Fish obtained within South Australia for use on the registered fish farm must be obtained from registered fish farmers, licensed fishers or other persons approved by the Director of Fisheries.

3. Fish must not be collected from rivers, streams, lakes or other inland waters of this State unless prior approval for this collection is granted by the Director of Fisheries.

4. The exemption holder must not import any live fish (ova, fry, or adult) into South Australia unless the shipment has certification from an appropriate authority in the State from which they are obtained that they are free from all relevant notifiable diseases listed in Schedule 4 of the Fisheries (Exotic Fish, Fish Farming and Fish Diseases) Regulations 1984.

5. The exemption holder must not contravene or fail to comply with the Fisheries Act 1982 or any regulations made under the Act, except where specifically permitted by this notice.

6. The exemption holder must retain the copy of this permit which has been supplied by the Director of Fisheries, and if requested by a PIRSA Fisheries and Aquaculture Compliance Officer, produce that permit for inspection.

7. The fish farmer must report all notifiable diseases to the General Manager Aquaculture.

8. The fish farmer must monitor farm fish mortalities and notify the General Manager Aquaculture of a mortality rate over 5% in 24 hours.

Dated 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture,  
as the delegate of the Minister for Primary  
Industries

FT00656

#### FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Strother, J.L. & Partners (13164) (or his agent) (hereinafter referred to as the 'exemption holder'), Private Bag 11, Meningie, S.A. 5264, shall not be guilty of an offence when engaging in the activities and to do the acts specified in Schedule 1 subject to the conditions specified in Schedule 2 from the date of gazettal of this exemption until revoked by the Director of Fisheries.

#### SCHEDULE 1

The importation and release of:

Bream, Black (*Acanthopagrus butcheri*)  
Brine Shrimp (*Artemia Spp*)  
Mulloway (*Argyrosomus hololepidotus*)

into tanks and dams located at section 607 in the Hundred of Baker.

#### SCHEDULE 2

1. The exemption holder must maintain adequate security arrangements to prevent escapement of fish (ova, fry, or adult) into any South Australian waters.

2. Fish obtained within South Australia for use on the registered fish farm must be obtained from registered fish farmers, licensed fishers or other persons approved by the Director of Fisheries.

3. Fish must not be collected from rivers, streams, lakes or other inland waters of this State unless prior approval for this collection is granted by the Director of Fisheries.

4. The exemption holder must not import any live fish (ova, fry, or adult) into South Australia unless the shipment has certification from an appropriate authority in the State from which they are obtained that they are free from all relevant notifiable diseases listed in Schedule 4 of the Fisheries (Exotic Fish, Fish Farming and Fish Diseases) Regulations 1984.

5. The exemption holder must not contravene or fail to comply with the Fisheries Act 1982, or any regulations made under the Act, except where specifically permitted by this notice.

6. The exemption holder must retain the copy of this permit which has been supplied by the Director of Fisheries, and if requested by a PIRSA Fisheries and Aquaculture Compliance Officer, produce that permit for inspection.

7. The fish farmer must report all notifiable diseases to the General Manager Aquaculture.

8. The fish farmer must monitor farm fish mortalities and notify the General Manager Aquaculture of a mortality rate over 5% in 72 hours.

Dated 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture,  
as the delegate of the Minister for Primary  
Industries

FT00593

#### FISHERIES ACT 1982: SECTION 53

TAKE note that the licence to farm fish made under section 53 of the Fisheries Act 1982, and published in the *South Australian Government Gazette*, dated 7 December 2000, on page number 3422, being the second notice on that page, through to page number 3425 and referring to Stephen J. Moriarty is hereby revoked.

Dated 21 March 2001.

I. NIGHTINGALE, General Manager Aquaculture,  
as the delegate of the Minister for Primary  
Industries

#### FISHERIES ACT 1982: SECTION 53

TAKE note that the licence to farm fish made under section 53 of the Fisheries Act 1982, and published in the *South Australian Government Gazette*, dated 7 December 2000, on page number 3435, being the second notice on that page, through to page number 3438 and referring to Stephen J. Moriarty is hereby revoked.

Dated 30 March 2001.

I. NIGHTINGALE, General Manager Aquaculture,  
as the delegate of the Minister for Primary  
Industries

#### FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00049  
(PREVIOUS LICENCE NO. F584)

*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Stephen J. Moriarty (1643)  
21 Ocean Avenue  
Port Lincoln, S.A. 5606

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2000 and ending, subject to any earlier termination under this licence, on 30 June 2001 ('the term') subject to the following terms and conditions.

#### CONDITIONS OF THIS LICENCE

##### 1. Marked-off Areas

1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.

1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

## 2. Permitted Species

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

## 3. Permitted Use

The licensee must not use the site for any purpose other than the permitted use.

## 4. Permitted Methods

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
  - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
  - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
  - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
  - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
  - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
  - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.
- 4.2 SASQAP
  - 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from Classified and Approved areas under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
  - 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.
- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

## 5. Marking and Maintaining the Site

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

## 6. Site Inspection and Supervision

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

## 7. Fees and Returns

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

## 8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

## 9. Guarantee or Indemnity Scheme

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

## 10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

## 11. Variation and Cancellation

- 11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
  - 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
  - 11.1.2 the results of any other monitoring as may from time to time be carried out; or
  - 11.1.3 such other relevant information within the knowledge of the Minister.
- 11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
  - 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
  - 11.2.2 cancel this licence for failure to comply with such requirements for rectification.

- 11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
  - 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
  - 11.3.2 an order is made for the winding up or liquidation of the licensee;
  - 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
  - 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
  - 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
  - 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
  - 11.4.2 is convicted of an indictable offence.
- 11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 30 March 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
529796E 6177979N	5
530196E 6177979N	
530196E 6177854N	
529796E 6177854N	

All St Andrew's crosses must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

- Native Oysters (*Ostrea angasi*)
- Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

SCHEDULE 3

Item 1—Fees

Annual licence fees are:

	\$
FRDC Levy per hectare 5 at \$9.50 each.....	47.50
EMP Fee per hectare 5 at \$17.70 each.....	88.50
Base Licence Fee per hectare 5 at \$66 each.....	330.00
SASQAP (Classified Area) per hectare 5 at \$80 each .....	400.00
<b>Total Annual Licence Fee.....</b>	<b>866.00</b>
Quarterly Instalments.....	216.50

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Returns

The licensee must submit the following information to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000 on or before 31 January and 31 July during the term of this licence:

1. Name of licensee.
2. Address of licensee.
3. Species of fish farmed and held on the site.
4. Location of aquaculture operation.
5. Period covered by return.
6. Number of life stage of each species of fish held.
7. Number, weight and value of each species of fish held.
8. Details of any disease detected in any fish kept.
9. Source (whether interstate or intrastate) of any stock acquired and date of acquisition (if relevant, include name of authority that provided certification that stock was free from disease).
10. If any fish were brought into the State, the number of fish and the life stage of the fish.
11. If fish were brought into the State, the purpose for which they were brought in.
12. Method of disposal of water and packaging use for transporting the fish.
13. If any disease or symptom of disease occurred in the acquired fish.
14. Method of disposal of diseased or dead fish and the number disposed of.
15. Signature, date and telephone number.
16. Use of any chemicals for fish husbandry—type of chemical and quantity used, purpose and date of use.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.

2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

#### *Feral Oysters*

Presence and numbers of feral oysters.

#### *Benthic Sediments*

1. Sedimentation.
2. Movement of sand.

#### *Benthic Fauna and Flora*

Benthic macro-flora communities including composition, distribution and abundance.

#### METHODOLOGY

##### *Draft Environmental Monitoring Program*

The draft environmental monitoring program should include an initial assessment of the site and analyse the variability of parameters to be measured to identify appropriate numbers of replicates and sample sizes for statistical rigour.

##### *Control Sites*

In addition to the site, the draft environmental monitoring program should identify appropriate control sites at which monitoring will occur. At least two controls should be identified at increasing distance from the site. At least one control site must be located more than 1 km from the site.

##### *Video Transects*

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must be at least 50 m long and a scale must be clearly visible on the video at all times. The location of video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

##### *Report*

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

#### SCHEDULE 6

##### *Schedule of Environmental Monitoring Reports*

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

#### FISHERIES ACT 1982

##### MARINE MOLLUSC FARMING LICENCE FM00218

##### *Licence to Farm Fish under section 53 of the Fisheries Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Andre J. Seidl (19777)  
Gary Seidl (13008)  
59 Bergmann Drive  
Ceduna, S.A. 5690

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2000 and ending, subject to any earlier termination under this licence, on 30 June 2001 ('the term') subject to the following terms and conditions:

#### CONDITIONS OF THIS LICENCE

##### 1. *Marked-off Areas*

1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.

1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

##### 2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

##### 3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

##### 4. *Permitted Methods*

4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:

- 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
- 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
- 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
- 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
- 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
- 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

##### 4.2 *SASQAP*

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from Classified and Approved areas under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

##### 5. *Marking and Maintaining the Site*

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;

- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

#### 6. Site Inspection and Supervision

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

#### 7. Fees and Returns

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

#### 8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

#### 9. Guarantee or Indemnity Scheme

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

#### 10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

#### 11. Variation and Cancellation

- 11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
- 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 11.1.2 the results of any other monitoring as may from time to time be carried out; or
- 11.1.3 such other relevant information within the knowledge of the Minister.
- 11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
- 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

- 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 11.3.2 an order is made for the winding up or liquidation of the licensee;
- 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.

11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture

#### SCHEDULE 1

##### Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
425497E 6399806N	10
425908E 6400030N	
425991E 6399955N	
425776E 6399584N	

All *St Andrew's* crosses must be marked with the site's unique 'FM number'; that is the licence number.

##### Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

#### SCHEDULE 2

##### Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

##### Item 2—Permitted Farming Methods

Racks  
Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

#### SCHEDULE 3

##### Item 1—Fees

Annual licence fees are:

	\$
FRDC Levy per hectare 10 at \$9.50 each.....	95.00
EMP Fee per hectare 10 at \$17.70 each.....	177.00

Base Licence Fee per hectare 10 at \$66 each.....	660.00
<b>Total Annual Licence Fee .....</b>	<b>932.00</b>
Quarterly Instalments.....	233.00

*Item 2—Insurance*

Ten million dollars (\$10 000 000).

*Item 3—Guarantee*

Ten thousand dollars (\$10 000).

## SCHEDULE 4

*Returns*

The licensee must submit the following information to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000 on or before 31 January and 31 July during the term of this licence:

1. Name of licensee.
2. Address of licensee.
3. Species of fish farmed and held on the site.
4. Location of aquaculture operation.
5. Period covered by return.
6. Number of life stage of each species of fish held.
7. Number, weight and value of each species of fish held.
8. Details of any disease detected in any fish kept.
9. Source (whether interstate or intrastate) of any stock acquired and date of acquisition (if relevant, include name of authority that provided certification that stock was free from disease).
10. If any fish were brought into the State, the number of fish and the life stage of the fish.
11. If fish were brought into the State, the purpose for which they were brought in.
12. Method of disposal of water and packaging use for transporting the fish.
13. If any disease or symptom of disease occurred in the acquired fish.
14. Method of disposal of diseased or dead fish and the number disposed of.
15. Signature, date and telephone number.
16. Use of any chemicals for fish husbandry—type of chemical and quantity used, purpose and date of use.

## SCHEDULE 5

*Environmental Monitoring Program*

## MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

*Farm Management*

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

*Water Quality*

1. Phytoplankton including species composition and abundance.

2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

*Feral Oysters*

Presence and numbers of feral oysters.

*Benthic Sediments*

1. Sedimentation.
2. Movement of sand.

*Benthic Fauna and Flora*

Benthic macro-flora communities including composition, distribution and abundance.

## METHODOLOGY

*Draft Environmental Monitoring Program*

The draft environmental monitoring program should include an initial assessment of the site and analyse the variability of parameters to be measured to identify appropriate numbers of replicates and sample sizes for statistical rigour.

*Control Sites*

In addition to the site, the draft environmental monitoring program should identify appropriate control sites at which monitoring will occur. At least two controls should be identified at increasing distance from the site. At least one control site must be located more than 1 km from the site.

*Video Transects*

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must be at least 50 m long and a scale must be clearly visible on the video at all times. The location of video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

*Report*

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

## SCHEDULE 6

*Schedule of Environmental Monitoring Reports*

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

## FISHERIES ACT 1982: SECTION 53

TAKE note that the licence to farm fish made under section 53 of the Fisheries Act 1982, and published in the *South Australian Government Gazette*, dated 23 November 2000, on page number 3272, being the second notice on that page, through to page number 2277 and referring to Andre J. Seidl and Gary Seidl is hereby revoked.

Dated 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture,  
as the delegate of the Minister for Primary  
Industries

## FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00219  
(PREVIOUS LICENCE NO. F738)

*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Andrew J. Warburton (14849)  
Australian Wild Oysters (20076)  
Mark N. Sherrey (14680)  
14 Lewis Avenue  
Glen Osmond, S.A. 5064

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2000 and ending, subject to any earlier termination under this licence, on 30 June 2001 ('the term') subject to the following terms and conditions.

## CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
  - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
  - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
  - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
  - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
  - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
  - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

4.2 *SASQAP*

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from Classified and Approved areas under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.
- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. *Marking and Maintaining the Site*

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. *Site Inspection and Supervision*

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. *Fees and Returns*

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. *Public Risk Insurance*

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. *Guarantee or Indemnity Scheme*

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

#### 10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

#### 11. Variation and Cancellation

11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

- 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 11.1.2 the results of any other monitoring as may from time to time be carried out; or
- 11.1.3 such other relevant information within the knowledge of the Minister.

11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

- 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

- 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 11.3.2 an order is made for the winding up or liquidation of the licensee;
- 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.

11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 31 March 2001.

I. NIGHTINGALE, General Manager Aquaculture

### SCHEDULE 1

#### Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
583500E 6170650N	8
583325E 6170475N	
583535E 6170235N	
583735E 6170375N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

#### Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

### SCHEDULE 2

#### Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

#### Item 2—Permitted Farming Methods

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

### SCHEDULE 3

#### Item 1—Fees

Annual licence fees are:

	\$
FRDC Levy per hectare 8 at \$9.50 each.....	76.00
EMP Fee per hectare 8 at \$17.70 each.....	141.60
Base Licence Fee per hectare 8 at \$66 each.....	528.00
SASQAP (Classified Area) per hectare 8 at \$80 each .....	640.00
<b>Total Annual Licence Fee.....</b>	<b>1 385.60</b>
Quarterly Instalments.....	346.40

#### Item 2—Insurance

Ten million dollars (\$10 000 000).

#### Item 3—Guarantee

Ten thousand dollars (\$10 000).

### SCHEDULE 4

#### Returns

The licensee must submit the following information to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000 on or before 31 January and 31 July during the term of this licence:

1. Name of licensee.
2. Address of licensee.
3. Species of fish farmed and held on the site.
4. Location of aquaculture operation.
5. Period covered by return.
6. Number of life stage of each species of fish held.
7. Number, weight and value of each species of fish held.
8. Details of any disease detected in any fish kept.
9. Source (whether interstate or intrastate) of any stock acquired and date of acquisition (if relevant, include name of authority that provided certification that stock was free from disease).

10. If any fish were brought into the State, the number of fish and the life stage of the fish.
11. If fish were brought into the State, the purpose for which they were brought in.
12. Method of disposal of water and packaging use for transporting the fish.
13. If any disease or symptom of disease occurred in the acquired fish.
14. Method of disposal of diseased or dead fish and the number disposed of.
15. Signature, date and telephone number.
16. Use of any chemicals for fish husbandry—type of chemical and quantity used, purpose and date of use.

## SCHEDULE 5

*Environmental Monitoring Program*

## MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

*Farm Management*

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

*Water Quality*

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

*Feral Oysters*

Presence and numbers of feral oysters.

*Benthic Sediments*

1. Sedimentation.
2. Movement of sand.

*Benthic Fauna and Flora*

Benthic macro-flora communities including composition, distribution and abundance.

## METHODOLOGY

*Draft Environmental Monitoring Program*

The draft environmental monitoring program should include an initial assessment of the site and analyse the variability of parameters to be measured to identify appropriate numbers of replicates and sample sizes for statistical rigour.

*Control Sites*

In addition to the site, the draft environmental monitoring program should identify appropriate control sites at which monitoring will occur. At least two controls should be identified at increasing distance from the site. At least one control site must be located more than 1 km from the site.

*Video Transects*

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must be at least 50 m long and a scale must be clearly visible on the video at all times. The location of video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

*Report*

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

## SCHEDULE 6

*Schedule of Environmental Monitoring Reports*

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

## FISHERIES ACT 1982

## MARINE MOLLUSC FARMING LICENCE FM00217

*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Michael Whillas (8926)  
Anne Whillas (13022)  
7 Blacker Court  
Port Lincoln, S.A. 5606

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2000 and ending, subject to any earlier termination under this licence, on 30 June 2001 ('the term') subject to the following terms and conditions:

## CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
  - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
  - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
  - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
  - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
  - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
  - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the

Minister 30 days before expiry of the term of this licence.

#### 4.2 SASQAP

4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from Classified and Approved areas under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.

4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

#### 5. Marking and Maintaining the Site

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

#### 6. Site Inspection and Supervision

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

#### 7. Fees and Returns

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

#### 8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

#### 9. Guarantee or Indemnity Scheme

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

#### 10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

#### 11. Variation and Cancellation

11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

- 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 11.1.2 the results of any other monitoring as may from time to time be carried out; or
- 11.1.3 such other relevant information within the knowledge of the Minister.

11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

- 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

- 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 11.3.2 an order is made for the winding up or liquidation of the licensee;
- 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.

11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture

## SCHEDULE 1

*Item 1—The Site*

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
425360E 6399279N	10
425475E 6399695N	
425714E 6399481N	
425507E 6399149N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

*Item 2—Marked-off Areas*

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

## SCHEDULE 2

*Item 1—Permitted Species*

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

*Item 2—Permitted Farming Methods*

Racks  
Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

## SCHEDULE 3

*Item 1—Fees*

Annual licence fees are:

	\$
FRDC Levy per hectare 10 at \$9.50 each.....	95.00
EMP Fee per hectare 10 at \$17.70 each.....	177.00
Base Licence Fee per hectare 10 at \$66 each.....	660.00
<b>Total Annual Licence Fee .....</b>	<b>932.00</b>
Quarterly Instalments.....	233.00

*Item 2—Insurance*

Ten million dollars (\$10 000 000).

*Item 3—Guarantee*

Ten thousand dollars (\$10 000).

## SCHEDULE 4

*Returns*

The licensee must submit the following information to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000 on or before 31 January and 31 July during the term of this licence:

1. Name of licensee.
2. Address of licensee.
3. Species of fish farmed and held on the site.
4. Location of aquaculture operation.
5. Period covered by return.
6. Number of life stage of each species of fish held.
7. Number, weight and value of each species of fish held.
8. Details of any disease detected in any fish kept.

9. Source (whether interstate or intrastate) of any stock acquired and date of acquisition (if relevant, include name of authority that provided certification that stock was free from disease).
10. If any fish were brought into the State, the number of fish and the life stage of the fish.
11. If fish were brought into the State, the purpose for which they were brought in.
12. Method of disposal of water and packaging use for transporting the fish.
13. If any disease or symptom of disease occurred in the acquired fish.
14. Method of disposal of diseased or dead fish and the number disposed of.
15. Signature, date and telephone number.
16. Use of any chemicals for fish husbandry—type of chemical and quantity used, purpose and date of use.

## SCHEDULE 5

*Environmental Monitoring Program*

## MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

*Farm Management*

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

*Water Quality*

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

*Feral Oysters*

Presence and numbers of feral oysters.

*Benthic Sediments*

1. Sedimentation.
2. Movement of sand.

*Benthic Fauna and Flora*

Benthic macro-flora communities including composition, distribution and abundance.

## METHODOLOGY

*Draft Environmental Monitoring Program*

The draft environmental monitoring program should include an initial assessment of the site and analyse the variability of parameters to be measured to identify appropriate numbers of replicates and sample sizes for statistical rigour.

*Control Sites*

In addition to the site, the draft environmental monitoring program should identify appropriate control sites at which monitoring will occur. At least two controls should be identified at increasing distance from the site. At least one control site must be located more than 1 km from the site.

*Video Transects*

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must be at least 50 m long and a scale must be clearly visible on the video at all times. The location of video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

*Report*

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

## SCHEDULE 6

*Schedule of Environmental Monitoring Reports*

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

## FISHERIES ACT 1982: SECTION 53

TAKE note that the licence to farm fish made under section 53 of the Fisheries Act 1982, and published in the *South Australian Government Gazette*, dated 21 September 2000, on page number 2131, being the second notice on that page, through to page number 2135 and referring to Michael Whillas and Anne Whillas is hereby revoked.

Dated 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture,  
as the delegate of the Minister for Primary  
Industries

## FISHERIES ACT 1982

## MARINE MOLLUSC FARMING LICENCE FM00368

*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Gregory N. Whetstone (19786)  
12 Mudge Terrace  
Streaky Bay, S.A. 5680

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 April 2001 and ending, subject to any earlier termination under this licence, on 30 June 2001 ('the term') subject to the following terms and conditions.

## CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
  - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
  - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
  - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
  - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
  - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
  - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

## 4.2 SASQAP

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from Classified and Approved areas under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. *Marking and Maintaining the Site*

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. *Site Inspection and Supervision*

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. Fees and Returns

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. Guarantee or Indemnity Scheme

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. Variation and Cancellation

- 11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
  - 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
  - 11.1.2 the results of any other monitoring as may from time to time be carried out; or
  - 11.1.3 such other relevant information within the knowledge of the Minister.
- 11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
  - 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
  - 11.2.2 cancel this licence for failure to comply with such requirements for rectification.
- 11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
  - 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
  - 11.3.2 an order is made for the winding up or liquidation of the licensee;
  - 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
  - 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
  - 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of

or appoints an agent to take possession of all or any of the licensee's assets.

- 11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
  - 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
  - 11.4.2 is convicted of an indictable offence.
- 11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
424903E 6398889N	10
425033E 6398737N	
425413E 6399062N	
425301E 6399224N	

All St Andrew's crosses must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

- Native Oysters (*Ostrea angasi*)
- Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

BST Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

SCHEDULE 3

Item 1—Fees

Annual licence fees are (pro-rata for 3 months):

	\$
FRDC Levy per hectare 10 at \$9.50 each.....	23.75
EMP Fee per hectare 10 at \$17.70 each.....	44.25
Base Licence Fee per hectare 10 at \$66 each.....	165.00
SASQAP (Classified Area) per hectare, 10 at \$80 each .....	200.00
<b>Total Annual Licence Fee.....</b>	<b>433.00</b>
Quarterly Instalments.....	108.25

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

## SCHEDULE 4

*Returns*

The licensee must submit the following information to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000 on or before 31 January and 31 July during the term of this licence:

1. Name of licensee.
2. Address of licensee.
3. Species of fish farmed and held on the site.
4. Location of aquaculture operation.
5. Period covered by return.
6. Number of life stage of each species of fish held.
7. Number, weight and value of each species of fish held.
8. Details of any disease detected in any fish kept.
9. Source (whether interstate or intrastate) of any stock acquired and date of acquisition (if relevant, include name of authority that provided certification that stock was free from disease).
10. If any fish were brought into the State, the number of fish and the life stage of the fish.
11. If fish were brought into the State, the purpose for which they were brought in.
12. Method of disposal of water and packaging use for transporting the fish.
13. If any disease or symptom of disease occurred in the acquired fish.
14. Method of disposal of diseased or dead fish and the number disposed of.
15. Signature, date and telephone number.
16. Use of any chemicals for fish husbandry—type of chemical and quantity used, purpose and date of use.

## SCHEDULE 5

*Environmental Monitoring Program*

## MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

*Farm Management*

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

*Water Quality*

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

*Feral Oysters*

Presence and numbers of feral oysters.

*Benthic Sediments*

1. Sedimentation.
2. Movement of sand.

*Benthic Fauna and Flora*

Benthic macro-flora communities including composition, distribution and abundance.

## METHODOLOGY

*Draft Environmental Monitoring Program*

The draft environmental monitoring program should include an initial assessment of the site and analyse the variability of parameters to be measured to identify appropriate numbers of replicates and sample sizes for statistical rigour.

*Control Sites*

In addition to the site, the draft environmental monitoring program should identify appropriate control sites at which monitoring will occur. At least two controls should be identified at increasing distance from the site. At least one control site must be located more than 1 km from the site.

*Video Transects*

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must be at least 50 m long and a scale must be clearly visible on the video at all times. The location of video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

*Report*

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

## SCHEDULE 6

*Schedule of Environmental Monitoring Reports*

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

## FISHERIES ACT 1982

## MARINE MOLLUSC FARMING LICENCE FM00370

*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Bryan W. Thompson (14802)  
22 Esplanade  
Cowell, S.A. 5602

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2000 and ending, subject to any earlier termination under this licence, on 30 June 2001 ('the term') subject to the following terms and conditions.

## CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and

- 2.2 must not take any wild fish from the site except for recreational purposes.

### 3. Permitted Use

The licensee must not use the site for any purpose other than the permitted use.

### 4. Permitted Methods

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:

4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;

4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;

4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;

4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;

4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;

4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

### 4.2 SASQAP

4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from Classified and Approved areas under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.

4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

### 5. Marking and Maintaining the Site

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

### 6. Site Inspection and Supervision

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

### 7. Fees and Returns

The licensee:

7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;

7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

### 8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

### 9. Guarantee or Indemnity Scheme

The licensee must either:

9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or

9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

### 10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

### 11. Variation and Cancellation

11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;

11.1.2 the results of any other monitoring as may from time to time be carried out; or

11.1.3 such other relevant information within the knowledge of the Minister.

11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or

11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;

11.3.2 an order is made for the winding up or liquidation of the licensee;

11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;

- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 11.3.5 a mortgagee, chargee or other encumbrance is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.
- 11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
684748E 6265492N	10
684846E 6265793N	
685146E 6265695N	
685049E 6265394N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

*BST Longlines*

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

SCHEDULE 3

Item 1—Fees

Annual licence fees are (pro-rata for 3 months):

	\$
FRDC Levy per hectare 10 at \$9.50 each.....	23.75
Base Licence Fee per hectare 10 at \$66 each.....	165.00
SASQAP (Classified Area) per hectare 10 at \$80 each.....	200.00
<b>Total Annual Licence Fee .....</b>	<b>388.75</b>

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Returns

The licensee must submit the following information to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000 on or before 31 January and 31 July during the term of this licence:

1. Name of licensee.
2. Address of licensee.
3. Species of fish farmed and held on the site.
4. Location of aquaculture operation.
5. Period covered by return.
6. Number of life stage of each species of fish held.
7. Number, weight and value of each species of fish held.
8. Details of any disease detected in any fish kept.
9. Source (whether interstate or intrastate) of any stock acquired and date of acquisition (if relevant, include name of authority that provided certification that stock was free from disease).
10. If any fish were brought into the State, the number of fish and the life stage of the fish.
11. If fish were brought into the State, the purpose for which they were brought in.
12. Method of disposal of water and packaging use for transporting the fish.
13. If any disease or symptom of disease occurred in the acquired fish.
14. Method of disposal of diseased or dead fish and the number disposed of.
15. Signature, date and telephone number.
16. Use of any chemicals for fish husbandry—type of chemical and quantity used, purpose and date of use.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

*Farm Management*

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

*Water Quality*

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

*Feral Oysters*

Presence and numbers of feral oysters.

*Benthic Sediments*

1. Sedimentation.
2. Movement of sand.

*Benthic Fauna and Flora*

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

*Draft Environmental Monitoring Program*

The draft environmental monitoring program should include an initial assessment of the site and analyse the variability of parameters to be measured to identify appropriate numbers of replicates and sample sizes for statistical rigour.

*Control Sites*

In addition to the site, the draft environmental monitoring program should identify appropriate control sites at which monitoring will occur. At least two controls should be identified at increasing distance from the site. At least one control site must be located more than 1 km from the site.

*Video Transects*

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must be at least 50 m long and a scale must be clearly visible on the video at all times. The location of video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

*Report*

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

## SCHEDULE 6

*Schedule of Environmental Monitoring Reports*

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

## FISHERIES ACT 1982

## MARINE TUNA FARMING LICENCE FB00031

*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Australian Tuna Fisheries Pty Ltd (13912)  
1 North Quay Boulevard  
Port Lincoln, S.A. 5606

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2000 and ending, subject to any earlier termination under this licence, on 26 April 2001 ('the term') subject to the following terms and conditions:

## CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:

- 4.1.1 must not stock the permitted species at a rate greater than that specified in Schedule 2 of this licence;
- 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
- 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
- 4.1.4 must apply the permitted farming methods set out in Schedule 2 of this licence;
- 4.1.5 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.2;
- 4.1.6 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.5 by the Minister;
- 4.1.7 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.
- 4.1.8 must implement a management strategy approved by the Minister and as specified in Clause 4.3 to manage interactions with seabirds and marine mammals;
- 4.1.9 must not introduce the permitted species to the site before approval of the management strategy specified in 4.1.8 by the Minister.

4.2 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

4.3 The licensee must submit a draft strategy for managing interactions with sea birds and marine mammals to the Minister within 60 days of the grant of the licence by the Minister. The draft strategy must identify potential interactions with and risks to sea birds and marine mammals and the measures proposed to minimise interactions with and risks to seabirds and marine mammals.

5. *Sea Cages*

The licensee must immediately inform an officer of PIRSA (Fisheries) on 1800 065 522 or such other officer as the Minister from time to time notifies to the licensee in writing if any marine animal, other than the permitted species, is caught in any sea cage or other farm structure used by the licensee on the site.

6. *Location of Sea Cages*

The licensee must not erect or use any sea cages in any location on the site where stocked sea cages have been used in the immediately preceding two year period.

7. *Marking and Maintaining the Site*

The licensee:

- 7.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 7.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;

- 7.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 7.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

#### 8. Site Inspection and Supervision

The licensee:

- 8.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 8.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

#### 9. Fees and Returns

The licensee:

- 9.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 9.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

#### 10. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

#### 11. Guarantee or Indemnity Scheme

The licensee must either:

- 11.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 11.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

#### 12. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

#### 13. Variation and Cancellation

- 13.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
- 13.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 13.1.2 the results of any other monitoring as may from time to time be carried out; or
- 13.1.3 such other relevant information within the knowledge of the Minister.
- 13.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
- 13.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 13.2.2 cancel this licence for failure to comply with such requirements for rectification.

13.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

- 13.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 13.3.2 an order is made for the winding up or liquidation of the licensee;
- 13.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 13.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 13.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

13.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

- 13.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 13.4.2 is convicted of an indictable offence.

13.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 April 2001.

I. NIGHTINGALE, General Manager Aquaculture

#### SCHEDULE 1

##### Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
596400E 6170200N	20
596400E 6169700N	
596000E 6169700N	
596000E 6170200N	

All sea cages on the site must be marked with a unique sea cage number and the site's unique 'FB number'; that is, the licence number. All St Andrew's crosses must be marked with the site's unique 'FB number'; that is the licence number.

##### Item 2—Marked-off Areas

Marked-off areas must be marked with no less the 8 equally spaced white buoys, each of at least 12 inches in diameter, each positioned no more than 70 m from each relevant sea cage situated on the site.

#### SCHEDULE 2

##### Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Snapper (*Pagrus auratus*)  
Southern Bluefin Tuna (*Thunnus maccoyii*)  
Yellowtail King Fish (*Seriola lalandi*)

##### Permitted Farming Methods

Sea Cages 7

##### Stocking Rates

Seven seacages each with a maximum diameter of 40 m.

The maximum stocking rate of Southern Bluefin Tuna (*Thunnus maccoyii*) held on the site must not exceed 4 kg/m<sup>3</sup> or the maximum stocking rate of other finfish held on the site must not exceed 10 kg/m<sup>3</sup>.

#### SCHEDULE 3

##### Item 1—Fees

Annual licence fees are:

	\$
Environmental Monitoring Fee per hectare 20 at \$164 each.....	3 280.00
Base Licence Fee per hectare 20 at \$228 each.....	4 560.00
<b>Total Annual Licence Fee .....</b>	<b>7 840.00</b>

*Item 2—Insurance*

Ten million dollars (\$10 000 000).

*Item 3—Guarantee*

Ten thousand dollars (\$10 000).

SCHEDULE 4

*Returns*

The licensee must submit the following information to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000 on or before 31 January and 31 July during the term of this licence:

1. Name of licensee.
2. Address of licensee.
3. Species of fish farmed and held on the site.
4. Location of aquaculture operation.
5. Period covered by return.
6. Number of life stage of each species of fish held.
7. Number, weight and value of each species of fish held.
8. Details of any disease detected in any fish kept.
9. Source (whether interstate or intrastate) of any stock acquired and date of acquisition (if relevant, include name of authority that provided certification that stock was free from disease).
10. If any fish were brought into the State, the number of fish and the life stage of the fish.
11. If fish were brought into the State, the purpose for which they were brought in.
12. Method of disposal of water and packaging use for transporting the fish.
13. If any disease or symptom of disease occurred in the acquired fish.
14. Method of disposal of diseased or dead fish and the number disposed of.
15. Signature, date and telephone number.
16. Use of any chemicals for fish husbandry—type of chemical and quantity used, purpose and date of use.

SCHEDULE 5

*Environmental Monitoring Program*

The monitoring program should address the following matters in relation to the permitted use:

*Farm Management*

- Approximate layout of all structures on the site including location, number and size;
- Stocking density of the permitted species held on the site;
- Dates and numbers of the permitted species stocked and harvesting on the site; and
- Occurrence of disease incidents in the permitted species on the site.

*Benthic Sediments*

- Redox potential;
- Benthic fauna and flora;

- Infauna communities including composition and abundance;
- Benthic macro-flora communities including composition and abundance; and
- Benthic macro-fauna communities including composition and abundance.

METHODOLOGY

*Draft Environmental Monitoring Program*

The draft environmental monitoring program needs to detail the site layout and sampling sites, including control sites.

*Sediment Cores*

Sediment cores should be used to assess the infauna composition and abundance of the sediments. Sediment cores should be 50 mm wide and inserted into the sediments to 150 mm. Samples need to be rinsed through a 1000 m mesh. Collection of the cores should be visible on the videos when possible.

Infauna samples must be preserved in Bennett's solution and stained with Thyloxin-B initially. After sorting the samples should be labelled inside and outside the containers with details of the date of collection, site location, collection method, and the collector's and identifier's name. The samples must be preserved in 70% alcohol and kept in storage for two years to allow for auditing or further analysis if required.

*Video Transects*

Video transects should be used to assess the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna and flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image in Hi-8 format for computerised image analysis using a Sony Hi-8 digital camera or equivalent capable of operating at a minimum of 3 lux. The underwater housing must be fitted with a minimum of two 50W lights. Transects must be at least 150 m long and a transect line marked at 5 m intervals must be visible at all times. The date and 'live' time should also be visible. The location and unique number of each transect must be clearly marked on a map that includes details of the site layout. The diver should gently disturb the sediment by hand at the start, middle and end of each transect to reveal the colour of the sediments below the surface.

*Report*

The environmental monitoring report must contain a synthesis of the data, statistical analysis and interpretation of the results. All raw data and video footage must also be presented to Aquaculture SA in electronic format and hard copy.

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

*Schedule of Environmental Monitoring Reports*

The licence holder will report to Aquaculture SA within 60 days of receiving the licence with details of the monitoring program as per Section 4.2. This will contain details of the proposed site layout and location of sampling sites (including control sites) and dates.

A final report must be presented to the General Manager, Aquaculture SA, G.P.O. Box 1625, Adelaide, S.A. 5000 by 1 October 2001. This will be reviewed and additional monitoring and reporting may be required after this date.