

## SUPPLEMENTARY GAZETTE



**THE SOUTH AUSTRALIAN  
GOVERNMENT GAZETTE**

PUBLISHED BY AUTHORITY

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

ADELAIDE, TUESDAY, 29 JANUARY 2002

## FISHERIES ACT 1982

MARINE TUNA FARMING LICENCE FB00005  
PREVIOUS LICENCE NO. F607

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

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

Navajo Pty Ltd (13006)  
2/11 Flinders Highway  
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 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('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 18 January 2002.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
587797E 6155738N	20
587445E 6155547N	
587697E 6155116N	
588045E 6155308N	

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 than 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

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.

Southern Bluefin Tuna (*Thunnus maccoyii*)  
or  
Snapper (*Pagrus auratus*)  
Australian Herring (Tommy Ruff) (*Arripis georgianus*)  
Yellowtail King Fish (*Seriola lalandi*)  
Mulloway (*Argyrosomus hololepidotus*)  
Silver Trevally (*Pseudocaranx dentex*)

Item 2—Permitted Farming Methods

Sea Cages 10

Item 3—Stocking Rates

The maximum weight of fish introduced into the site must not exceed 162 tonnes in total during the term of the licence.

The maximum stocking rate of finfish held on the site must not exceed 5 kg/m<sup>3</sup>.

Item 4—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 1 cage of 40 m diameter.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

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.

Occurrence of disease incidents in the permitted species on the site.

Benthic Sediments

Redox potential.

Infauna communities including composition and abundance.

Benthic Fauna and Flora

Benthic macro-flora communities including composition and abundance.

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 1 000 µm 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 macro-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 50 W 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 licensee must submit an environmental monitoring program report and videos within three 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, during the term of this licence.

## FISHERIES ACT 1982

MARINE TUNA FARMING LICENCE FB00004  
PREVIOUS LICENCE NO. F603

*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 Southern Bluefin Tuna Farmers Pty Ltd (13046)  
Tuna Farmers Pty Ltd (13074)  
P.O. Box 2013  
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 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('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 18 January 2002.

I. NIGHTINGALE, General Manager Aquaculture

#### SCHEDULE 1

##### Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
584541E 6156850N	20
584684E 6156480N	
584219E 6156303N	
584077E 6156673N	

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 than 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

##### 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.

Southern Bluefin Tuna (*Thunnus maccoyii*)  
or  
Yellowtail King Fish (*Seriola lalandi*)  
Mulloway (*Argyrosomus hololepidotus*)

##### Item 2—Permitted Farming Methods

Sea Cages 10

##### Item 3—Stocking Rates

The maximum weight of fish introduced into the site must not exceed 162 tonnes in total during the term of the licence.

The maximum stocking rate of finfish held on the site must not exceed 5 kg/m<sup>3</sup>.

##### Item 4—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 1 cage of 40 m diameter.

#### SCHEDULE 3

##### Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

##### Item 2—Insurance

Ten million dollars (\$10 000 000).

##### Item 3—Guarantee

Ten thousand dollars (\$10 000).

## SCHEDULE 4

*Production Returns*

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

## 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.

Occurrence of disease incidents in the permitted species on the site.

*Benthic Sediments*

Redox potential.

Infauna communities including composition and abundance.

*Benthic Fauna and Flora*

Benthic macro-flora communities including composition and abundance.

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 1 000 µm 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 macro-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 50 W 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 licensee must submit an environmental monitoring program report and videos within three 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, during the term of this licence.

## FISHERIES ACT 1982

## PROPOSED MARINE FINFISH FARMING LICENCE FF00036

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

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

Clean Seas Aquaculture Growout Pty Ltd (28396)  
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 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('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 18 January 2002.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

*Item 1—The Site*

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
646769E 6242802N	20
647200E 6242548N	
646996E 6242205N	
646565E 6242458N	

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

*Item 2—Marked-off Areas*

Marked-off areas must be marked with no less than 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

*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.

- Black Bream (*Acanthopagrus butcheri*)
- Snapper (*Pagrus auratus*)
- Yellowtail King Fish (*Seriola lalandi*)
- Mulloway (*Argyrosomus hololepidotus*)

*Item 2—Permitted Farming Methods*

There must be a minimum clearance of at least 3 m between the bottom of each sea cage and the sea bed.

Sea Cages 12

*Item 3—Stocking Rates*

12 sea cages each with a maximum circumference of 25 m.

The maximum standing stock on the site must not exceed 300 tonnes.

*Item 4—Criteria for Development of Marine Aquaculture Sites*

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 1 cage of 20 m diameter.

SCHEDULE 3

*Item 1—Fees*

Annual licence fees are:

Base Licence Fee.....	\$ TBA
<b>Total Annual Licence Fee.....</b>	<b>TBA</b>
Quarterly Instalments .....	TBA

*Item 2—Insurance*

Ten million dollars (\$10 000 000).

*Item 3—Guarantee*

Ten thousand dollars (\$10 000).

SCHEDULE 4

*Production Returns*

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

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.

Times of stocking and harvesting of the permitted species on the site including the numbers stocked or harvested; and

Occurrence of disease incidents in the permitted species on the site.

*Water Quality*

Nitrogen.

Phosphorus.

Turbidity.

Phytoplankton including species composition and abundance.

Dissolved oxygen concentration.

*Benthic Sediments*

Colour.

Consistency.

Indications of methanogenesis.

Redox potential.

Organic matter content.

*Benthic Fauna and Flora*

Infauna communities including composition and abundance.

Benthic macro-flora communities including composition and abundance.

Benthic macro-fauna communities including composition 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 one kilometre from the site.

*Sediment Cores*

Sediment cores should be used to assess the colour and consistency of sediments, methanogenesis, presence of hydrogen sulphide, redox potential and composition of infauna communities. Sediment cores should be a minimum of 50 mm in diameter and 100 mm in depth. Collection of cores should be visible on videos transects.

All infauna collections must be preserved in an appropriate medium and labelled (inside and outside) with the date of collection, site location, collection method, and collector's and

identifier's name. The collections are to be stored in a safe place so that confirmation of species identification can be investigated at a later date 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 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 clearly identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number. The diver should gently disturb the sediment by hand at the start and end of transects to reveal sediment colour beneath the surface.

#### 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 an environmental monitoring program report within six months of the commencement of this licence and 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, during the term of this licence.

#### FISHERIES ACT 1982

##### PROPOSED MARINE FINFISH FARMING LICENCE FF00037

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

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

Spencer Gulf Fish Farms Pty Ltd (14952)  
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 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('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 18 January 2002.

I. NIGHTINGALE, General Manager Aquaculture

#### SCHEDULE 1

##### Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
647482E 6244004N	20
647914E 6243750N	
647710E 6243407N	
647279E 6243660N	

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

##### Item 2—Marked-off Areas

Marked-off areas must be marked with no less than 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

##### 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.

Black Bream (*Acanthopagrus butcheri*)  
 Snapper (*Pagrus auratus*)  
 Yellowtail King Fish (*Seriola lalandi*)  
 Mulloway (*Argyrosomus hololepidotus*)

##### Item 2—Permitted Farming Methods

There must be a minimum clearance of at least 3 m between the bottom of each sea cage and the sea bed.

Sea Cages 12

##### Item 3—Stocking Rates

12 sea cages each with a maximum circumference of 25 m.

The maximum standing stock on the site must not exceed 300 tonnes.

*Item 4—Criteria for Development of Marine Aquaculture Sites*

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 1 cage of 20 m diameter.

SCHEDULE 3

*Item 1—Fees*

Annual licence fees are:

	\$
Base Licence Fee.....	TBA
<b>Total Annual Licence Fee.....</b>	<b>TBA</b>
Quarterly Instalments .....	TBA

*Item 2—Insurance*

Ten million dollars (\$10 000 000).

*Item 3—Guarantee*

Ten thousand dollars (\$10 000).

SCHEDULE 4

*Production Returns*

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

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.
- Times of stocking and harvesting of the permitted species on the site including the numbers stocked or harvested; and
- Occurrence of disease incidents in the permitted species on the site.

*Water Quality*

- Nitrogen.
- Phosphorus.
- Turbidity.
- Phytoplankton including species composition and abundance.
- Dissolved oxygen concentration.

*Benthic Sediments*

- Colour.
- Consistency.
- Indications of methanogenesis.
- Redox potential.
- Organic matter content.

*Benthic Fauna and Flora*

- Infauna communities including composition and abundance.
- Benthic macro-flora communities including composition and abundance.
- Benthic macro-fauna communities including composition 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 one kilometre from the site.

*Sediment Cores*

Sediment cores should be used to assess the colour and consistency of sediments, methanogenesis, presence of hydrogen sulphide, redox potential and composition of infauna communities. Sediment cores should be a minimum of 50 mm in diameter and 100 mm in depth. Collection of cores should be visible on video transects.

All infauna collections must be preserved in an appropriate medium and labelled (inside and outside) with the date of collection, site location, collection method, and collector's and identifier's name. The collections are to be stored in a safe place so that confirmation of species identification can be investigated at a later date 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 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 clearly identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number. The diver should gently disturb the sediment by hand at the start and end of transects to reveal sediment colour beneath the surface.

*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 an environmental monitoring program report within six months of the commencement of this licence and 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, during the term of this licence.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00335

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

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

Colmion Pty Ltd (12214)  
23 Anzac Parade  
Stansbury, S.A. 5582

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 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('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 areas Classified 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 18 January 2002.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

*Item 1—The Site*

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
764358E 6148518N	10
764804E 6148745N	
764894E 6148567N	
764449E 6148340N	

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.

*Item 3—Criteria for Development of Marine Aquaculture Sites*

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

1 ha developed by 30 June 2003.

SCHEDULE 3

*Item 1—Fees*

Annual licence fees are payable as prescribed in the licence renewal.

*Item 2—Insurance*

Ten million dollars (\$10 000 000).

*Item 3—Guarantee*

Ten thousand dollars (\$10 000).

SCHEDULE 4

*Production Returns*

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

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*

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

*Benthic Fauna and Flora*

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

METHODOLOGY

*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 extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the 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 FM00336

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

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

Colmion Pty Ltd (12214)  
23 Anzac Parade  
Stansbury, S.A. 5582

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 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('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 areas Classified 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 18 January 2002.

I. NIGHTINGALE, General Manager Aquaculture

#### SCHEDULE 1

##### Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
764823E 6148860N	10
765081E 6149165N	
765272E 6149004N	
765014E 6148698N	

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.

##### Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

1 ha developed by 30 June 2003.

#### SCHEDULE 3

##### Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

##### Item 2—Insurance

Ten million dollars (\$10 000 000).

##### Item 3—Guarantee

Ten thousand dollars (\$10 000).

#### SCHEDULE 4

##### Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

## 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*

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

*Benthic Fauna and Flora*

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

## METHODOLOGY

*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 extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the 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 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, those persons not conducting fishing activity pursuant to a commercial river fishery licence (hereinafter referred to as the 'exemption holders'), are exempted from Clauses 118, 119 and 120 of Schedule 1 of the Fisheries (General) Regulations 2000 in that the exemption holders shall not be guilty of an offence when using yabbie pots or shrimp traps not set from the shore in a commercial river fishery reach, or when using hoop nets, drop nets or trolling in a commercial river fishery reach (hereinafter referred to as the 'exempted activity'), subject to the conditions specified in Schedule 1, from the date of gazettal of this notice until 30 June 2003.

## SCHEDULE 1

1. The exemption holders shall not conduct the exempted activity in the waters of the main stream of the River Murray included within a commercial fishing reach.

2. The exemption holders shall not contravene or fail to comply with the Fisheries Act 1982, or any regulations made under that Act except where specifically exempted by this notice.

Dated 24 January 2002.

J. PRESSER, Principal Fisheries Manager