

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, FRIDAY, 17 AUGUST 2001

FISHERIES ACT 1982

MARINE MOLLUSC (SUBTIDAL) FARMING LICENCE FS00027

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

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

Christopher J. McGown (11790)
David H. McFarlane (11825)
Lee-Anne McFarlane (19820)
Chapman Road
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 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 of 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 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 July 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	
579850E 6165650N	20
580250E 6165650N	
580250E 6165150N	
579850E 6165150N	

All *St Andrew's crosses* must be marked with the Site's unique 'FS 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.

Blacklip Abalone (*Haliotis rubra*)
 Blue Mussels (*Mytilus edulis*)
 Greenlip Abalone (*Haliotis laevis*)
 Pacific Oysters (*Crassostrea gigas*)
 Commercial (King) Scallops (*Pecten fumatus*)
 Queen Scallops (*Equichlamys bifrons*)
 Marine Algae (*Gracillaria sp. And Rhodophyta sp.*)
 Dough Boy Scallops (*Mimachlamys asperimus*)

Item 2—Permitted Farming Methods

Oysters

Size (mm)	Number per Hectare
3	2 500 000
10	1 600 000
20	1 100 000
30	750 000
40	500 000
50	350 000
60	200 000
70	150 000
80	100 000

Mussels and Scallops

Size (mm)	Number per Hectare
3	30 000 000
10	20 000 000
20	16 000 000
30	13 000 000
40	6 000 000
50	4 000 000
60	2 000 000
70	1 500 000
80	1 000 000
90	750 000
100	500 000

The licence holder must source all farm stock from either:

- registered South Australian growers or hatcheries; or
- wholly from, or the progeny of, wild stocks from South Australian waters.

The licence holder must not stock the site with more than 50 000 individuals of the permitted species at any time. The size of the abalone shell measured at the greatest shell dimension, must not be less than 20 mm in length and must not be greater than 90 mm in length.

The licence holder must maintain a mortality register and record the mortalities of all farm abalone. Mortalities must be physically counted at intervals of no more than 3 months.

The licence holder must keep the mortality register for 12 months from the last entry date. A photocopy of the register for the period from the date of this licence to 30 June 2000 must be forwarded to PIRSA General Manager Aquaculture on or before 14 July 2000. A photocopy of the registers for the period from 1 July 2000 to 30 June 2001 must be forwarded to the General Manager Aquaculture on or before 14 July 2001.

The licence holder must make available all farm registers for inspection by PIRSA Fisheries and Aquaculture Compliance Officers immediately upon being requested by such an officer.

The licence holder must complete a 'Farmed Abalone Disposal Statement' and forward this statement to PIRSA Fisheries and Aquaculture Compliance at least 48 hours prior to disposal of farmed stock.

The licence holder must comply with the Fisheries Act 1982 while transporting fish. All fish moved from the site must be moved 'in shell'.

The licence holder must ensure that no processing occurs at sea and must further ensure that no dead farm fish or waste is deposited at sea.

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:

2 ha developed with 4 km of growout line on the site.

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

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

Water quality

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

Benthic Sediments

Sedimentation through measuring total organic carbon and particle 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 the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna 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 S.A., 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE MOLLUSC (SUBTIDAL) FARMING LICENCE FS00030
(PREVIOUS LICENCE NO. FM00357)

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

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

Nigel Syvertsen (11680)
13 Happy Valley Road
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 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 Liability

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 carried out; or
 - 11.1.3 such other relevant information within the knowledge of the Minister.
- 11.2 Subject to an 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 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 July 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	
589130E 6174739N	20
589630E 6174739N	
589630E 6174339N	
589130E 6174339N	

All *St Andrew's crosses* must be marked with the Site's unique 'FS 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.

Blue Mussels (*Mytilus edulis*)

Item 2—Permitted Farming Methods

Longlines

Size (mm)	Mussels Number per Hectare
3	30 000 000
10	20 000 000
20	16 000 000
30	13 000 000
40	6 000 000
50	4 000 000
60	2 000 000
70	1 500 000
80	1 000 000
90	750 000
100	500 000

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:

2 ha developed with 4 km of growout line on the site.

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).

Benthic Sediments

Sedimentation through measuring total organic carbon and particle 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 the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna 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 S.A., 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00354

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

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

M. D. & R. A. Lowe Pty Ltd (12138)
Lot 2, Government Road
Denial Bay, 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 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 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 July 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	
376817E 6433979N	2.2
376877E 6434059N	
377055E 6433926N	
376995E 6433846N	

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:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

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 FM00150
(PREVIOUS LICENCE NO. F832)

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

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

William J. Stenson (11942)
Post Office
Wangary, S.A. 5607

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 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 July 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	
531571E 6177922N	5.44
531712E 6177931N	
531722E 6177616N	
531536E 6177603N	
531529E 6177813N	
531574E 6177817N	

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.

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:

0.5 ha developed with 1.5 km of BST longline or 0.5 km of racking on the site.

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 FM00159
(PREVIOUS LICENCE NO. F594)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Harbour Fresh Oysters Pty Ltd (12249)
48 Story Road
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 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 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 July 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	
676800E 6263224N	10
677122E 6263213N	
677460E 6263206N	
677635E 6263271N	
677732E 6263155N	
677453E 6263105N	
677243E 6263094N	
676817E 6263111N	

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.

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 2002.

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 FM00168
(PREVIOUS LICENCE NO. F845)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Russell MacKenzie (12393)
Karen MacKenzie (19821)
6 Beattie Court
Smoky 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 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 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 July 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectare
AGD 66—Zone 53	
395076E 6416734N	1
395061E 6416523N	
395014E 6416527N	
395030E 6416738N	

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**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:

0.1 ha developed with 0.3 km of BST longline or 0.1 km of racking on the site.

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 FM00178
(PREVIOUS LICENCE NO. F742)

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

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

J. B. and C. J. Holmes Pty Ltd (12976)
25 Denton Street
Smoky 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 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 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 July 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	
395530E 6416562N	3
395741E 6416546N	
395731E 6416405N	
395519E 6416420N	

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

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:

0.3 ha developed with 0.9 km of BST longline or 0.3 km of racking on the site.

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 FM00127
(PREVIOUS LICENCE NO. F804)

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

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

Tony P. Simounds (1436)
6 Parma Street
Port Broughton, S.A. 5522

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 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 July 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectare
AGD 66—Zone 53	
768025E 6282898N	2
768063E 6282987N	
767874E 6283070N	
767836E 6282981N	

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 1
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:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

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 FM00129
(PREVIOUS LICENCE NO. F806)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Robert Blakeway (12233)
23 Ernest Crescent
Happy Valley, S.A. 5159

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 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 July 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectare
AGD 66—Zone 53	
764970E 6174580N	1
764970E 6174680N	
765070E 6174680N	
765070E 6174580N	

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

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:

- 0.1 ha developed with 0.3 km of BST longline or 0.1 km of racking on the site.

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 FM00128
(PREVIOUS LICENCE NO. F805)

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

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

Craig N. Ivey (12232)
2 Casey Street
Port Broughton, S.A. 5522

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 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 July 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	
767417E 6281475N	2
767490E 6281432N	
767564E 6281659N	
767489E 6281700N	

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
Racks

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:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

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 FM00131
(PREVIOUS LICENCE NO. 808)

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

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

Phillip M. Rogers (13029)
Josephine M. Carty (12235)
6 Holder Parade
Marino, S.A. 5049

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 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 July 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectare
AGD 66—Zone 53	
764777E 6162297N	1
764858E 6162368N	
764800E 6162442N	
764718E 6162368N	

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

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:

0.1 ha developed with 0.3 km of BST longline or 0.1 km of racking on the site.

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 FM00136
(PREVIOUS LICENCE NO. F813)

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

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

Ian J. Sellen (4182)
Sheryl R. Sellen (12238)
17 Rodda 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 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 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 July 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	
534450E 6175733N	10
534750E 6175733N	
534750E 6175400N	
534450E 6175400N	

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

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 2002.

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 FM00137
(PREVIOUS LICENCE NO. F814)

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

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

Gary J. Olds (12140)
63 Esplanade Avenue
Coffin Bay, S.A. 5607

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 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 July 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	
533450E 6175700N	10
533850E 6175700N	
533850E 6175450N	
533450E 6175450N	

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 1
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 2002.

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 FM00140
(PREVIOUS LICENCE NO. F817)*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 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 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 July 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectare
AGD 66—Zone 53	
532576E 6175917N	1
532647E 6175846N	
532718E 6175917N	
532647E 6175988N	

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.

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:

0.1 ha developed with 0.3 km of BST longline or 0.1 km of racking on the site.

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 FM00143
(PREVIOUS LICENCE NO. F824)

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 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 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 July 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	
531123E 6177522N	2
531223E 6177562N	
531225E 6177361N	
531125E 6177322N	

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.

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:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

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 FM00069
(PREVIOUS LICENCE NO. F730)

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

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

Neville L. Pauley (13104)
Heather R. Raybould (18624)
P.O. Box 49
Smoky 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 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 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 July 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	
394992E 6416954N	2.25
395045E 6416951N	
395014E 6416527N	
394962E 6416531N	

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

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:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

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 FM00075
(PREVIOUS LICENCE NO. F737)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Wayrob Pty Ltd (1569)
31 Jubilee Road
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 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 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 July 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	
425323E 6378047N	5
425798E 6377996N	
425788E 6377895N	
425318E 6377946N	

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:

0.5 ha developed with 1.5 km of BST longline or 0.5 km of racking on the site.

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 FM00082
(PREVIOUS LICENCE NO. F749)

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

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

Tondari Fisheries (12201)
53 Lincoln Highway
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 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 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 July 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	
677505E 6264268N	5
677582E 6263927N	
677568E 6263837N	
677691E 6263838N	
677696E 6263927N	
677602E 6264305N	

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**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:

0.5 ha developed with 1.5 km of BST longline or 0.5 km of racking on the site.

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 FM00088
(PREVIOUS LICENCE NO. F758)

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

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

The South Australian Oyster Hatchery Pty Ltd (12206)
Section 227, Hundred of Louth
Louth Bay, S.A. 5607

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 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 July 2001.
- I. NIGHTINGALE, General Manager Aquaculture
- SCHEDULE 1
- Item 1—The Site*
- Area applicable to this licence:
- | Licensed Area | Licensed Hectare |
|------------------|------------------|
| AGD 66—Zone 53 | |
| 536858E 6177626N | 1 |
| 536935E 6177655N | |
| 536977E 6177544N | |
| 536900E 6177510N | |
- 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*
- 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:
- 0.1 ha developed with 0.3 km of BST longline or 0.1 km of racking on the site.
- 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 FM00089
(PREVIOUS LICENCE NO. F759)

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

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

Daly Waters Property Pty Ltd (12162)
Coast Road
Coobowie, S.A. 5583

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 and approved 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 July 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	
749800E 6116500N	10
749952E 6116341N	
749790E 6115847N	
749638E 6116006N	

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

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 2002.

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 FM00090
(PREVIOUS LICENCE NO. F760)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Shanell Nominees Pty Ltd (12207)
27 Windsor Avenue
Hahndorf, S.A. 5245

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 and approved 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 July 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	
749879E 6116628N	10
750394E 6116928N	
750475E 6116782N	
749959E 6116482N	

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

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 2002.

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 FM00091
(PREVIOUS LICENCE NO. F761)

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

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

Richard Collins (14998)
Ruth E. Collins (14999)
Lot 2 Bulman Road
Kersbrook, S.A. 5231

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 and approved 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 July 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	
755601E 6135349N	5.4
755700E 6135331N	
755628E 6134937N	
755633E 6134936N	
755651E 6134815N	
755538E 6134813N	
755530E 6134954N	

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:

0.5 ha developed with 1.5 km of BST longline or 0.5 km of racking on the site.

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 FM00094
(PREVIOUS LICENCE NO. F765)

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

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

Timothy E. Peckover (20074)
Section 1961
Hundred of Kondoparinga

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 and approved 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 July 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	
749616E 6117263N	10
749653E 6117043N	
750100E 6117217N	
750054E 6117417N	

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

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 2002.

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 FM00098
(PREVIOUS LICENCE NO. F774)

*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)
46 Tapleys Hill Road
Royal Park, S.A. 5014

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 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 July 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	
758210E 6133881N	10
758406E 6133840N	
758302E 6133351N	
758106E 6133392N	

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

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 2002.

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 FM00033
(PREVIOUS LICENCE NO. F531)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Richard T. Baker (12200)
Margaret A. Baker (14568)
46 Lincoln Highway
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 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 and approved 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 July 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	
676849E 6267071N	5
677101E 6267381N	
677183E 6267322N	
677057E 6267167N	
677097E 6267140N	
676973E 6266983N	

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

Racks 1
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:

0.5 ha developed with 1.5 km of BST longline or 0.5 km of racking on the site.

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 FM00042
(PREVIOUS LICENCE NO. F573)

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

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

David M. Hoffrichter (13087)
Phillip S. Hoffrichter (12165)
c/o Section 53, Hundred of Moule
Denial Bay, 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 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 30 July 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	
366475E 6443605N	10
366735E 6443603N	
366730E 6443352N	
366626E 6443352N	
366622E 6443117N	
366476E 6443116N	

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

Basket 1
Racks

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. This minimum level of development on the site must be:

1 ha developed with 3 km of BST longline or 1 km of racking on the site.

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 FM00047
(PREVIOUS LICENCE NO. F582)

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

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

John R. Chapman (1138)
Janette W. Chapman (14711)
12 Main Street
Port Victoria, S.A. 5573

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 and approved 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 July 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	
537250E 6179300N	4
537425E 6179125N	
537275E 6179000N	
537100E 6179175N	

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 1
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:

0.4 ha developed with 1.2 km of BST longline or 0.4 km of racking on the site.

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 FM00053
(PREVIOUS LICENCE NO. F590)

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

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

R. P. and L. C. Grove Jones (Marine Farm Development Service)
78 Happy Valley Road
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 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 and approved 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 July 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	
544210E 6169711N	5
544171E 6169823N	
544570E 6169965N	
544611E 6169855N	

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 1
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:

0.5 ha developed with 1.5 km of BST longline or 0.5 km of racking on the site.

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 FM00014
(PREVIOUS LICENCE NO. F504)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Kerry B. Burton (12167)
Jan E. Burton (12136)
44 Storey Road
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 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,

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 July 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	
676444E 6263612N	10
676753E 6263606N	
676747E 6263298N	
676438E 6263304N	

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.

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 with 3 km of BST longline or 1 km of racking on the site.

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 FM00015
(PREVIOUS LICENCE NO. F505)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Denial Bay Oysters (12137)
Section 33, Hundred of Moule
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 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 30 July 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	
366083E 6447708N	4
366308E 6447606N	
366248E 6447472N	
365977E 6447595N	

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

Basket 1
Racks

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:

0.4 ha developed with 1.2 km of BST longline or 0.4 km of racking on the site.

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 FM00017
(PREVIOUS LICENCE NO. F507)

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

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

M.D. & R.A. Lowe Pty Ltd (12138)
Lot 2, Government Road
Denial Bay, 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 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 30 July 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	
366181E 6447858N	3.7
366367E 6447734N	
366309E 6447607N	
366083E 6447709N	

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.

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:

0.3 ha developed with 0.9 km of BST longline or 0.3 km of racking on the site.

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 FM00020
(PREVIOUS LICENCE NO. F511)

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

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

Gary J. Olds (12140)
63 Esplanade Avenue
Coffin Bay, S.A. 5607

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 and approved 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 July 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	
538095E 6171838N	8.5
538374E 6171732N	
538192E 6171496N	
537911E 6171599N	

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

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:

0.8 ha developed with 2.4 km of BST longline or 0.8 km of racking on the site.

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 FM00021
(PREVIOUS LICENCE NO. F514)

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

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

Chrisinda Pty Ltd (12141)
15 George Street
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 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 and approved 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 July 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	
424546E 6372608N	2.5
424447E 6372869N	
424516E 6372946N	
424616E 6372683N	

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:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

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 FM00022
(PREVIOUS LICENCE NO. F515)

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

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

H. & M. Pope Pty Ltd (12142)
P.O. Box 276
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 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 and approved 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 July 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	
674253E 6262742N	10
674294E 6262744N	
674293E 6262748N	
674527E 6262817N	
674548E 6262745N	
674304E 6262674N	
674339E 6262404N	
675029E 6261921N	
674986E 6261853N	
674307E 6262332N	

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**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 with 3 km of BST longline or 1 km of racking on the site.

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 FM00019
(PREVIOUS LICENCE NO. F510)*Licence to Farm Fish under section 53 of the Fisheries Act 1982*

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

Gary J. Olds (12140)
63 Esplanade Avenue
Coffin Bay, S.A. 5607

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 and approved 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 July 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	
537500E 6171825N	4
537550E 6171700N	
537600E 6171575N	
537550E 6171500N	
537325E 6171650N	

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 1
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:

0.4 ha developed with 1.2 km of BST longline or 0.4 km of racking on the site.

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, Michael Hammer or persons acting as his agents (hereinafter referred to as the 'exemption holder'), c/o Department of Environmental Biology, Faculty of Science, Ground Floor, Darling Building, University of Adelaide, S.A. 5005, is exempt from the provisions of the Fisheries Act 1982, but only insofar as the exemption holder may engage in the activities specified in Schedule 1 (hereinafter referred to as the 'exempted activity'), using the gear specified in Schedule 2, subject to the conditions specified in Schedule 3, from the date of gazettal of this notice until 30 June 2002.

SCHEDULE 1

The collection of fish of the family Nannoperidae from the inland waters of South Australia.

SCHEDULE 2

2 seine nets, maximum length 25 m, minimum mesh 3 mm.

60 fish traps, maximum dimension 1 m, maximum entrance size 10 cm.

1 dab net per person.

3 fyke nets, maximum width 10 m, minimum mesh size 3 mm.

SCHEDULE 3

1. All fish of the family Nannoperidae collected pursuant to this notice must be either returned to the water on completion of scientific evaluation or lodged with the South Australian Museum.

2. All native fish, other than those of the family Nannoperidae, must be returned to the water immediately.

3. The exemption holder must provide a report in writing detailing the outcomes of the research and the collection of fish pursuant to this notice to the Director of Fisheries, (Attention: Roger Hill, G.P.O. Box 1625, Adelaide, S.A. 5001) within 3 months of the expiry of this notice, giving details of the date, time and location of collection and the number of each species collected.

4. Before collecting any specimens pursuant to this notice, the exemption holder must advise the PIRSA Fisheries Compliance Unit on 1800 065 522 with details of the proposed locations and the dates on which the collections are to be made.

5. While engaging in the exempted activity, the exemption holder must be in possession of a copy of this notice. Such notice must be produced to a PIRSA Fisheries Compliance Officer if such an officer requests that it be produced.

6. The exemption holder 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 16 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Craig Edwards, holder of Marine Scalefish Fishery Licence No. M128, (hereinafter referred to as the 'exemption holder'), 1 Blessing Street, Whyalla, S.A. 5600, is exempt from Clause 34 of Schedule 1 of the Fisheries (General) Regulations 2000, subject to the conditions specified in Schedule 1, in that the exemption holder shall not be guilty of an offence when using a fish net in the waters of Spencer Gulf north of latitude 32°48.54'S except for areas gazetted as aquatic reserves (hereinafter referred to as the 'exempted activity') from the date of gazettal of this notice until 31 October 2001.

SCHEDULE 1

1. The exemption holder may take up to a maximum of twenty-five yellowtail kingfish (*Seriola lalandi*). All fish taken pursuant to this notice are for aquaculture purposes only, and must be provided to Spencer Gulf Aquaculture Pty Ltd, and must not be sold or released.

2. All fish taken pursuant to this notice must be delivered to and retained on the registered aquaculture site of landbased aquaculture licence number FT00287.

3. Whilst engaging in the exempted activity, all species other than yellowtail kingfish (*Seriola lalandi*) captured must be immediately returned to the water.

4. PIRSA Fisheries retains the right for a departmental officer to observe the exempted activity at any time.

5. The exemption holder must notify the PIRSA Fisheries Compliance Unit on 1800 065 522 at least 24 hours prior to conducting the exempted activity and provide the following information:

- the intended launch and retrieval time and location;
- the intended fishing area; and
- details of the boat to be used.

5. The exemption holder must, within 14 days of collection of fish pursuant to this notice, provide a written report to PIRSA Fisheries (PIRSA Fisheries, Roger Hill, G.P.O. Box 1625, Adelaide, S.A. 5001) with details of the number of fish captured, the number of fish released into the aquaculture site and the number of mortalities.

6. Whilst engaged in the exempted activity the exemption holder must be in possession of a copy of this notice and produce a copy of the notice if required by a PIRSA Fisheries Compliance Officer.

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

Dated 16 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that, pursuant to section 59 of the Fisheries Act 1982, Southern Australian Seafoods Pty Ltd or their agents (hereinafter referred to as the 'exemption holder'), P.O. Box 2516, Port Lincoln, S.A. 5606, are exempt from section 34 of the Fisheries Act 1982, but only insofar as they may take greenlip abalone (*Haliotis laevis*) for the purpose of aquaculture broodstock (hereinafter referred to as the 'exempted activity') in the waters specified in Schedule 1 subject to the conditions in Schedule 2.

SCHEDULE 1

South Australian coastal waters south and east of a line drawn due south through Point Brown (latitude 32°32.6'S, longitude 133°50.8'E) and west of the meridian of longitude 136°30'E.

SCHEDULE 2

1. The exemption holder may take a maximum of 100 greenlip abalone (*Haliotis laevis*). All abalone taken pursuant to this notice may not be sold or transferred to another party.

2. All abalone taken pursuant to this notice must be delivered to and retained on the registered aquaculture site of landbased aquaculture licence number FT00620.

3. The exemption holder may engage in the exempted activity from the date of gazettal of this notice until 30 June 2002.

4. The exempted activity may only be conducted by Douglas Edwin Graske or Peter Clarkson.

5. The exemption holder shall notify the PIRSA Fisheries Compliance Unit on 1800 065 522 at least 24 hours prior to conducting the exempted activity with the following information:

- details of the boat that will be used to engage in the exempted activity;
- the name of the person who will be conducting the exempted activity;
- the intended place and time of launching and retrieval of the nominated boat for that day; and
- the intended area of conducting the exempted activity.

6. The exemption holder must, within 50 m of the point of landing of any abalone taken pursuant to this notice, complete the PIRSA Fisheries and Aquaculture form 'Abalone Broodstock Collection Statement'. Immediately upon arrival at the exemption holder's registered aquaculture site, this form must be faxed to PIRSA Fisheries and Aquaculture on (08) 8226 2323. Prior to release into the registered aquaculture site, all abalone taken pursuant to this notice must be tagged so as to be clearly identified as wild broodstock.

7. The exemption holder shall record the number of wild broodstock held pursuant to this notice in a register to be maintained at the registered aquaculture site, which must be made available for inspection by a PIRSA Fisheries Compliance Officer upon request.

8. PIRSA Fisheries Compliance Unit retains the right for a departmental officer to accompany the exemption holder at any time during the exempted activity.

9. While engaged in the exempted activity the exemption holder shall carry or have about or near his person a copy of this notice. Such notice must be produced to a PIRSA Fisheries Compliance Officer upon request.

10. The exemption holder 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 16 August 2001.

W. ZACHARIN, Director of Fisheries
