

SUPPLEMENTARY GAZETTE



THE SOUTH AUSTRALIAN
GOVERNMENT GAZETTE

 PUBLISHED BY AUTHORITY

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

 ADELAIDE, TUESDAY, 14 AUGUST 2001

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Troy Jantzen (hereinafter referred to as the 'exemption holder') from the School of Biological Sciences, Flinders University of South Australia, G.P.O. Box 2100, Adelaide, S.A. 5001, is exempt from the provisions of Regulations 13 and 14 of the Fisheries (General) Regulations 2000, but only insofar as to engage in the collection of southern calamary (*Sepioteuthis australis*) using a hand spear whilst scuba diving (hereinafter referred to as the 'exempted activity'), subject to the conditions set out in Schedule 1 from the date of gazettal of this notice until 30 April 2002.

SCHEDULE 1

1. The specimens collected by the exemption holder are for scientific and research purposes only and may not be sold.

2. A maximum of thirty southern calamary may be collected pursuant to this notice, with a daily maximum of five fish.

3. The exempted activity may only be conducted in State coastal marine waters within the area of Marino Rocks (longitude 130°30'E, latitude 38°02'S).

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 holders 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 8 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that Jeffrey Wait (hereinafter referred to as the 'exemption holder'), 31 Sir Keith Smith Drive, North Haven, S.A. 5018, holder of Marine Scalefish Fishery Licence No. M492, is exempt from the provisions of section 41 of the Fisheries Act 1982, Regulation 5 and Clause 37 of Schedule 1 of the Fisheries (General) Regulations 2000, but only insofar as the exemption holder may use a fish net specified in Schedule 1 for the purpose of trade or business in waters greater than 5 m in depth (hereinafter referred to as the 'exempted activity') specified in Schedule 2, subject to the conditions in Schedule 3 from the date of gazettal of this notice until 30 June 2002.

SCHEDULE 1

One floating hauling net or purse seine net not exceeding 600 m in length and 160 meshes in depth, and with a mesh size of not less than 3 cm.

SCHEDULE 2

The waters of Gulf St Vincent and Investigator Strait within blocks 34, 35, 36, 43 and 44 as defined in the South Australian Commercial Fishing Summary Sheets (copy attached).

SCHEDULE 3

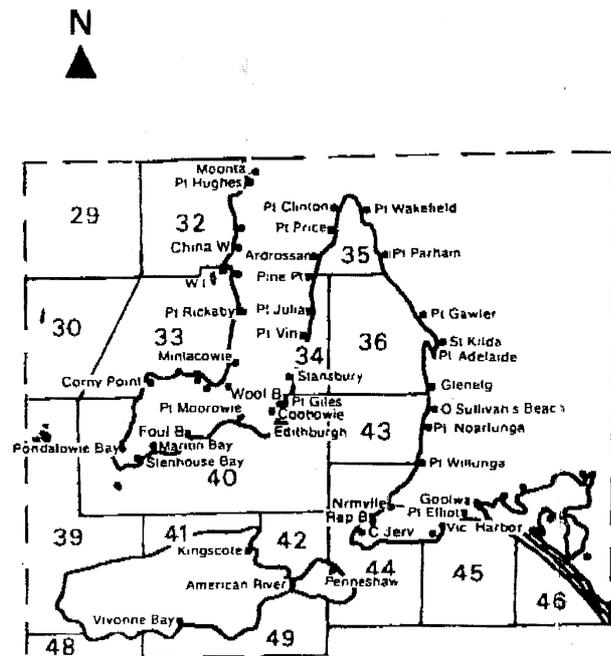
1. The exemption holder may only conduct the exempted activity from a boat registered on Marine Scalefish Fishery Licence No. M492.

2. PIRSA Fisheries retains the right for a departmental officer or an officer of the South Australian Research and Development Institute to accompany the exemption holder at any time while engaged in the exempted activity.

3. The exemption holder must provide separate statistical catch and effort information, in the form of a daily log, with details of fishing conducted pursuant to the exempted activity.

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

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

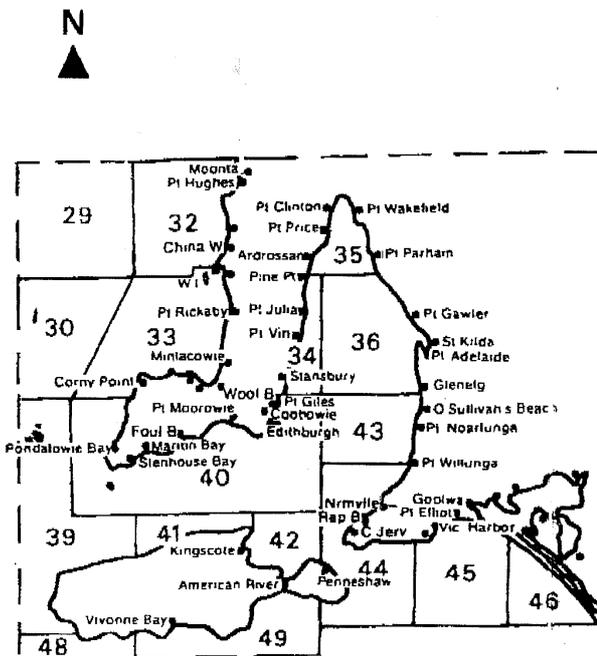


Dated 8 August 2001.

W. ZACHARIN, Director of Fisheries

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

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



Dated 8 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that John Spadavechia (hereinafter referred to as the 'exemption holder'), 38 Sea Spray Avenue, North Haven, S.A. 5018, holder of Marine Scalefish Fishery Licence No. M432, is exempt from the provisions of section 41 of the Fisheries Act 1982, Regulation 5 and Clause 37 of Schedule 1 of the Fisheries (General) Regulations 2000, but only insofar as the exemption holder may use a fish net specified in Schedule 1 for the purpose of trade or business in waters greater than 5 m in depth (hereinafter referred to as the 'exempted activity') specified in Schedule 2, subject to the conditions in Schedule 3 from the date of gazettal of this notice until 30 June 2002.

SCHEDULE 1

One floating hauling net or purse seine net not exceeding 600 m in length and 160 meshes in depth, and with a mesh size of not less than 3 cm.

SCHEDULE 2

The waters of Gulf St Vincent and Investigator Strait within blocks 34, 35, 36, 43 and 44 as defined in the South Australian Commercial Fishing Summary Sheets (copy attached).

SCHEDULE 3

1. The exemption holder may only conduct the exempted activity from a boat registered on Marine Scalefish Fishery Licence No. M432.

2. PIRSA Fisheries retains the right for a departmental officer to accompany the fisher at any time while engaged in the exempted activity.

3. The exemption holder must provide separate statistical catch and effort information, in the form of a daily log, with details of fishing conducted pursuant to the exempted activity.

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Raymond Woolford, c/o Fishing Charters, Tumby Bay, 7 Gardner Avenue, Tumby Bay, S.A. 5605 (hereinafter referred to as the 'principal exemption holder'), and the class of persons specified in Schedule 1 (hereinafter referred to as the 'other exemption holders'), are exempt from the provisions of Clauses 66, 70, 73, 77A, 77B, 77C and 77D of Schedule 1 of the Fisheries (General) Regulations 2000, insofar as the exemption holders may exceed the bag or boat limits as specified in Schedule 2 (hereinafter referred to as the 'exempted activity'), subject to the conditions specified in Schedule 3.

SCHEDULE 1

Any person or persons who charter the boat *Investigator* (hereinafter referred to as the 'permitted boat') from the principal exemption holder in South Australia, for the purpose of recreational fishing for scalefish, abalone, blue crab or sand crab, and rock lobster.

SCHEDULE 2

1. The exemption holders may engage in the taking of no more than one rock lobster (*Jasus edwardsii*) per other exemption holder in any one day where the number of other exemption holders exceeds eight.

2. The exemption holders may engage in the taking of no more than one abalone (*Haliotis spp.*) per other exemption holder in any one day where the number of other exemption holders exceeds 10.

3. The exemption holders may engage in the taking of no more than 20 blue crab or sand crab or a combination thereof per other exemption holder in any one day, where the number of other exemption holders exceeds six.

4. The exemption holders may engage in the taking of no more than one half of the daily bag limit (for those species of scalefish subject to such a limit as specified in the Fisheries (General) Regulations 2000) per other exemption holder in any one day, where the number of other exemption holders exceeds six.

SCHEDULE 3

1. This exemption is valid from the date of gazettal of this notice until 30 June 2002, unless revoked earlier.

2. The principal exemption holder shall not use any other boat other than the permitted boat for the purpose of engaging in the exempted activity.

3. The principal exemption holder shall not accept any fish taken by the other exemption holders as all or part of the consideration for the charter agreement.

4. While engaged in the exempted activity the principal exemption holder shall have in his possession a copy of this notice. Such notice must be produced to a PIRSA Fisheries Compliance Officer if such an officer requests that it be so produced.

5. The principal 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.

6. The principal exemption holder shall not cause, suffer or permit any other exemption holder to 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 8 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, David Macdonald (hereinafter referred to as the 'exemption holder'), 23 Ferry Street, Whyalla Playford, S.A. 5600, is exempt from sections 34 and 41 of the Fisheries Act 1982, but only insofar as he may engage in the taking of those fish specified in Schedule 1 (hereinafter referred to as the 'exempted activity'), subject to the conditions specified in Schedule 2 for the purpose of trade or business.

SCHEDULE 1

Molluscs other than fish of the species abalone (*Haliotis* spp.), octopus (*Octopus* spp.), squid (order Teuthoidea), cuttlefish (*Sepia* spp.), Tate king scallop, queen scallop (*Mimachlamys*, *Equichlamys* and *Pecten* spp.), mud oyster (*Ostrea* spp.), cockles of the genus *Donax* and *Katelysia*, mussels (*Mytilus* and *Perna* spp.) and razor fish (*Pinna bicolor*).

SCHEDULE 2

1. The exemption holder may only engage in the exempted activity from 1 September 2001 until 30 September 2002.

2. No more than one fish per day may be taken of any cowrie belonging to the *Zoila* sub-genus of *Cypraea armeniaca*.

3. The exemption holder may only use the registered boat number JO1 99S for the purpose of conducting the exempted activity.

4. When engaged in the exempted activity the exemption holder may collect fish by diving either from a boat or from the shore. When engaged in the exempted activity from the shore no more than one agent may also be engaged in the exempted activity and that agent must be no more than 50 m from the exemption holder.

5. Any fish taken whilst conducting the exempted activity pursuant to this exemption must be for sale as specimen shells only and the meat must not be sold.

6. The exemption holder must complete a daily logbook of catch and effort information in the form provided by the South Australian Research and Development Institute (SARDI). This information must be provided to SARDI on a monthly basis.

7. The exemption holder must provide any additional information in relation to the exempted activity if and when required by the Director of Fisheries.

8. The exemption holder may not engage in the exempted activity within the waters of Coffin Bay south of latitude 34°31.2'S.

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 shall 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 regulation made under the Act, except where specifically exempted by this notice.

Dated 9 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Jode Atterton (hereinafter referred to as the 'exemption holder'), 24 Flaxman Street, Port Lincoln, S.A. 5606, is exempt from sections 34 and 41 of the Fisheries Act 1982, but only insofar as he may take sea cucumber (*Holothuriidae* spp. and *Stichopodidae* spp.) and turbo (*Turbo undulatis*) for the purposes of trade or business from South Australian coastal waters (hereinafter referred to as the 'exempted activity'), subject to the conditions in Schedule 1, from the date of gazettal of this notice until 31 August 2002, unless revoked or varied earlier.

SCHEDULE 1

1. The exemption holder may only take fish by diving and collection by hand.

2. The exemption holder may take no more than 500 kg of sea cucumber and 500 kg of turbo in any one week.

3. The exemption holder must provide the Director of Fisheries with separate statistical catch and effort information, in the form of a daily log as provided.

4. The exemption holder shall notify the PIRSA Fisheries Compliance Unit on 1800 065 522 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 intended area of conducting the exempted activity; and
- the intended place and time of launching and retrieval of the nominated boat for that day.

5. PIRSA Fisheries retains the right for a departmental officer to accompany the exemption holder at any time during fishing operations.

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

7. 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 13 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Terry Scott (hereinafter referred to as the 'exemption holder'), c/o Post Office, Coffin Bay, S.A. 5607 is exempt from sections 34 and 41 of the Fisheries Act 1982, but only insofar as the exemption holder may take turbo (*Turbo undulatis*) from South Australian coastal waters (hereinafter referred to as the 'exempted activity') subject to the conditions in Schedule 1 for the purposes of trade or business, from the date of gazettal of this notice until 31 August 2002, unless revoked or varied earlier.

SCHEDULE 1

1. The exemption holder may only take Turbo (*Turbo undulatis*) by diving and collection by hand.

2. The exemption holder may take no more than 200 kg of Turbo (*Turbo undulatis*) in any one calendar week.

3. The exemption holder must provide the Director of Fisheries with separate statistical catch and effort information, in the form of a daily log as provided.

4. The exemption holder shall notify the PIRSA Fisheries Compliance Unit on 1800 065 522 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 intended area of conducting the exempted activity; and
- the intended place and time of launching and retrieval of the nominated boat for that day.

5. PIRSA Fisheries retains the right for a departmental officer to accompany the exemption holder at any time during fishing operations.

6. 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.

7. 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 13 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982

MARINE MOLLUSC (SUBTIDAL) FARMING LICENCE FM00017
(PREVIOUS LICENCE NOS. F1558, FM00203)

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

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

Darijo J. Lukin (2043)
62 Lincoln Highway
Port Lincoln, S.A. 5606

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

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

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

2. *Permitted Species*

The licensee:

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

3. *Permitted Use*

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

4. *Permitted Methods*

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

- 4.1.1 must 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 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	
577464E 6152317N	1
577582E 6152317N	
577583E 6152399N	
577463E 6152398N	

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*)
Native Oysters (*Óstrea angasi*)
Pacific Oysters (*Crassostrea gigas*)

*Item 2—Permitted Farming Methods**Longlines*

Size (mm)	Oysters 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

<i>Mussels</i>	
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

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 0.2 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 FM00211

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

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

Peter G. Vigar (13015)
Section 257
Hundred of Melville
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 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	
752019E 6119887N	10
752226E 6119949N	
752375E 6119517N	
752166E 6119450N	

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.

Blue Mussels (*Mytilus edulis*)
Pacific Oysters (*Crassostrea gigas*)
Commercial (King) Scallops (*Pecten fumatus*)
Queen Scallops (*Equichlamys bifrons*)

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 FM00218

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

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

Garry Seidl (13008)
59 Bergmann Drive
Ceduna, S.A. 5690

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 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	
425497E 6399806N	10
425908E 6400030N	
425991E 6399955N	
425776E 6399584N	

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

Item 2—Marked-off Areas

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

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

SCHEDULE 2

Item 1—Permitted Species

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

Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Racks 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 FM00307
(PREVIOUS LICENCE NO. 730A)***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. J. and B. Sexton
Mark Sexton (19713)
Betty V. Sexton (18626)
Joan M. Sexton (19714)
36 Old Mount Barker Road
Stirling, S.A. 5152

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	
394939E 6416958N	2.25
394992E 6416954N	
394962E 6416531N	
394909E 6416534N	

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:

- 0.2 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 FM00321

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

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

Christopher J. Wakelin (4608)
Darryl B. Wakelin (14320)
Michael A. Seal (14318)
Michael C. Wakelin (14317)
Peter R. Wakelin (14313)
Shane L. Wakelin (14321)
Elizabeth A. Wakelin (14315)
Susanne Wakelin (14314)
Trina M. Seal (14319)
4 Whyte Avenue
Kimba, S.A. 5641

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	
675048E 6265908N	5
675486E 6266148N	
675534E 6266061N	
675096E 6265820N	

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 FM00327

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

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

Christine A. Greatbatch (20073)
Deborah K. Greatbatch (20071)
Noel R. Greatbatch (20072)
Peter W. Greatbatch (20070)
Lot 24 Crocker 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 Hectares
AGD 66—Zone 53	
396366E 6423189N	10
396544E 6423338N	
396771E 6422954N	
396598E 6422812N	

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 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:

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 FM00330

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 L. Appleby (12199)
5 Betts Street
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 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	
425916E 6379094N	5
426186E 6378946N	
426187E 6378766N	
425907E 6378915N	

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 FM00332

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

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

Garry Seidl (13008)
59 Bergmann Drive
Ceduna, S.A. 5690

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 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	
366068E 6445881N	5
366359E 6445752N	
366358E 6445580N	
366067E 6445709N	

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:

0.5 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 FM00334

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

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

Mary Evans (14792)
Koppi Tucker
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	
394240E 6424753N	10
394339E 6425242N	
394226E 6425186N	
394127E 6424698N	
394575E 6424476N	
394689E 6424531N	

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

Item 2—Marked-off Areas

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

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

SCHEDULE 2

Item 1—Permitted Species

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

Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

BST Longlines

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

Item 3—Criteria for Development of Marine Aquaculture Sites

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

- 1 ha developed by 30 June 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 FM00153
(PREVIOUS LICENCE NO. F837)

*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. & L.C. Grove Jones (Marine) Farm Development Ser.)
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 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	
532746E 6175747N	1
532817E 6175677N	
532887E 6175747N	
532817E 6175818N	

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:

0.1 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 FM00167
(PREVIOUS LICENCE NO. F778)

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

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

Roger C. Vince (12220)
Port Vincent Road
Stansbury, S.A. 5582

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

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

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

2. *Permitted Species*

The licensee:

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

3. *Permitted Use*

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

4. *Permitted Methods*

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

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

4.2 *SASQAP*

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from 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	
758952E 6134622N	2.5
759160E 6134537N	
759060E 6134461N	
758848E 6134540N	

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 FM00099
(PREVIOUS LICENCE NO. F775)*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 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	
757382E 6139649N	10
757199E 6139742N	
757471E 6140166N	
757642E 6140071N	

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 FM00355

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 C. Hart (12166)
Jacqueline Hart (18462)
Lot 2, McKenzie Street
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	1.1
376995E 6433846N	
376965E 6433806N	
376787E 6433939N	

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:

0.1 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 FM00358

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

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

Benjamin J. Morcom (19891)
Bradley M. Stringer (19894)
Robert J. Morcom (19890)
Helen B. Morcom (19892)
Lucy B. Morcom (19893)
7 Cottesloe Street
West Beach, S.A. 5024

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	
755741E 6135998N	5
755741E 6135998N	
755941E 6135972N	
755900E 6135728N	
755699E 6135753N	

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 FM00359

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 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	
426186E 6378946N	5
426187E 6378767N	
426463E 6378615N	
426462E 6378800N	

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 FM00365

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 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	
760340E 6136078N	4.6
760431E 6136007N	
760187E 6135690N	
760096E 6135760N	

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:

0.4 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 FM00367

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

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

Basil Ireland (13868)
Maureen M. Ireland (20057)
Youngs Road
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 and 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 be 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 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	
767286E 6281169N	1
767333E 6281276N	
767407E 6281230N	
767359E 6281126N	

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.

Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Longlines

Total length of each unit must not exceed 3 km of long line 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 long line 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 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 FM00349

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

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

Peter M. Richardson (19796)
Beverley E. Richardson (19797)
29 Kanmantoo Road
Aldgate, S.A. 5154

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	
394631E 6417063N	4
394725E 6417057N	
394695E 6416633N	
394601E 6416640N	

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:

0.4 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 FM00351

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

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

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

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 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	
377306E 6434971N	3.4
377415E 6434960N	
377385E 6434649N	
377276E 6434667N	

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:

0.3 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 FM00179
(PREVIOUS LICENCE NO. F767)

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

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

Glyn M. Owen (11695)
Ian C. Otto (14827)
Charmaine M. Otto (12169)
Pamela J. Owen (12191)
Part Section 143, Hundred of Lincoln
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	
538207E 6177493N	8
538093E 6177380N	
538243E 6177302N	
538388E 6177138N	
538548E 6177296N	
538423E 6177451N	

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

Item 2—Marked-off Areas

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

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

SCHEDULE 2

Item 1—Permitted Species

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

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

Item 2—Permitted Farming Methods

BST Longlines 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:

0.8 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 FM00181
(PREVIOUS LICENCE NO. F721)

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

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

Aidan M. Gregor (14569)
62 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	
395342E 6416865N	2.25
395395E 6416861N	
395365E 6416438N	
395312E 6416441N	

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 FM00151 (PREVIOUS LICENCE NO. F833)

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 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	
530715E 6177360N	2
530815E 6177399N	
530816E 6177200N	
530716E 6177161N	

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 FM00152
(PREVIOUS LICENCE NO. F835)

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

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

Geoffrey M. Octoman (12180)
Colleen Dawn Octoman (16957)
25 Douglas Street
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	
530604E 6177317N	2
530704E 6177355N	
530704E 6177155N	
530604E 6177116N	

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 FM00080
(PREVIOUS LICENCE NO. F747)

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 L. Appleby (12199)
5 Betts Street
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	
425453E 6376470N	5
425578E 6376250N	
425401E 6376159N	
425281E 6376379N	

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 FM00081
(PREVIOUS LICENCE NO. F748)

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 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	
677568E 6263837N	5
677471E 6263441N	
677579E 6263402N	
677691E 6263838N	

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 FM00101 (PREVIOUS LICENCE NO. F777)

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

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

Marco S. Breede (18380)
Leanne J. Breede (19807)
3 Crocker 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 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 Hectare
AGD 66—Zone 53	
395030E 6416738N	1
395045E 6416951N	
395092E 6416947N	
395076E 6416734N	

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 FM00134
(PREVIOUS LICENCE NO. F811)

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 C. Otto (14827)
Charmaine M. Otto (12169)
Part Section 143, Hundred of Lincoln
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 | |
| 535080E 6176550N | 10 |
| 535250E 6176320N | |
| 535000E 6176130N | |
| 534830E 6176370N | |
- 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 FM00065
(PREVIOUS LICENCE NO. F726)

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	
366580E 6448146N	6
366677E 6448041N	
366497E 6447963N	
366363E 6447838N	
366236E 6447987N	
366451E 6448115N	

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:

0.6 ha developed with 1.8 km of BST longline or 0.6 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

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