



Government of **Western Australia**  
Department of **Environment and Conservation**

Your ref: L5724/1993/11  
Our ref: L61/93  
Enquiries: Timothy Moore  
Phone: 08 9333 7510  
Fax: 08 9333 7533  
Email: tim.moore@dec.wa.gov.au

The Manager  
Westpork Pty Ltd  
Unit 1, 7 Foundry Street  
Maylands WA 6051

Dear Sir/Madam

**ENVIRONMENTAL PROTECTION ACT 1986 – LICENCE L5724/1993/11**

**Mindarra Farm Piggery**  
**Lot 10 on Diagram 80101**  
**Wannamal West Road,**  
**Gingin, W 6503**  
**Licence Number L5724/1993/11**

Your application for a licence under Part V of the *Environmental Protection Act 1986* for the above premises works has been issued subject to the attached conditions. Enclosed is your licence number **L5724/1993/11**.

If you are concerned about, or object to any of the conditions you may lodge an appeal with the Minister for the Environment within 21 days from the date on which this licence is received. The Office of the Appeals Convenor can be contacted on 6467 5190 to find out the procedure and fee. Members of the public may also appeal the licence. The Appeals Registrar at the Office of the Appeals Convenor can be contacted after the closing date of appeals to check whether any appeals were received.

Under Section 58 of the *Environmental Protection Act 1986*, it is an offence to contravene a licence condition. This offence carries a penalty of up to \$125,000, with a daily penalty of up to \$25,000.

If you have any questions relating to the licence or licence conditions, please contact Timothy Moore on 08 9333 7533.

Yours sincerely

Carissa Aitken  
Sector Manager, Resource Industries

Thursday, 31 May 2012  
enc: Licence L5724/1993/11

DIRECTOR GENERAL AND ENVIRONMENTAL SERVICES DIVISIONS: The Atrium, 168 St Georges Terrace, Perth, Western Australia 6000  
Phone: (08) 6467 5000 Fax: (08) 6467 5562

PARKS AND CONSERVATION SERVICES DIVISIONS: Executive: Corner of Australia II Drive and Hackett Drive, Crawley, Western Australia 6009  
Phone: (08) 9442 0300 Fax: (08) 9386 1578 Operations: 17 Dick Perry Avenue, Technology Park, Kensington, Western Australia 6151  
Phone: (08) 9219 8000 Fax: (08) 9334 0498

POSTAL ADDRESS FOR ALL DIVISIONS: Locked Bag 104, Bentley Delivery Centre, Western Australia 6983  
www.dec.wa.gov.au  
wa.gov.au

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

*Environmental Protection Act 1986*

LICENCE

LICENCE NUMBER: L5724/1993/11

FILE NUMBER: L61/93

NAME OF OCCUPIER:

ADDRESS OF OCCUPIER:

Westpork Pty Ltd  
Unit 1, 7 Foundry Street  
Maylands WA 6051

NAME AND LOCATION OF PREMISES:

Mindarra Farm Piggery  
Lot 10 on Diagram 80101  
Wannamal West Road,  
Gingin, W 6503  
(as depicted in Attachment 1)

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*Environmental Protection Regulations 1987*

CLASSIFICATION(S) OF PREMISES:

Category (2) Intensive Piggery

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COMMENCEMENT DATE OF LICENCE: Wednesday, 13 June 2012

EXPIRY DATE OF LICENCE: Monday, 12 June 2017

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CONDITIONS OF LICENCE:

As described and attached:

GENERAL CONDITION(S) 2  
WATER POLLUTION CONTROL CONDITION(S) 4  
SOLID WASTE CONTROL CONDITION(S) 5  
ATTACHMENT(S) 2



.....  
Carissa Aitken

Officer delegated under Section 20  
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 31 May 2012

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DEPARTMENT OF ENVIRONMENT AND CONSERVATION

*Environmental Protection Act 1986*

LICENCE NUMBER: 5724/1993/11

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PREAMBLE

*The following statements in this preamble either paraphrase sections of the Environmental Protection Act 1986 or provide relevant background information for the licence holder. They should not be regarded as conditions of licence.*

**Applicability**

This licence is issued to Westpork Pty Ltd for Mindarra Farm Piggery, located on Lot 10 on Diagram 80101, Wannamal West Road, Gingin which is a prescribed premises within Schedule 1 of the *Environmental Protection Regulations 1987*, and includes but is not necessarily limited to, the following operations:

- The breeding of pigs; and
- The treatment of wastewater generated at the premises.

This facility is prescribed within Schedule 1 of the *Environmental Protection Regulations 1987* as outlined in Table 1.

Table 1: Category under which the Mindarra Farm Piggery is prescribed.

Category No	Category name	Description
2	Intensive piggery	Premises on which pigs are fed, watered and housed in pens.

**Nominal Rated Throughput**

The nominated rate of throughout of the premises covered by this licence is in accordance with the following:

- Intensive Piggery more than 5,000 animals per year.

This premises has a design capacity of 65,000 pigs. Any significant increase shall not occur unless prior approval from the Director has been obtained in writing.

**Other Relevant Information**

This piggery consists of a combination of intensive and straw-based ecoshelters. The piggery is divided into four separate areas. Each area is allocated to a different stage of operations.

Mindarra 3 (M3) is a 1,100 sow multiplier unit, with some pigs kept until finisher age. Pig housing comprises of four conventional sheds and three eco-shelters. The conventional sheds are flushed with recycled effluent to a three stage ponds system. The eco shelters use straw for bedding, At the end of each batch of pigs, straw is removed and placed on a bunded compacted area before being moved to the Mindarra 2 for composting or alternatively exported off the farm site. There is an impervious bunded pad on the site of the anaerobic pond (1<sup>st</sup> stage pond) on which sludge is removed from the anaerobic pond and dried.

Mindarra 1 (M1) is a 950 sow breeder unit with pigs to three weeks of age. Pig housing comprises four conventional sheds and converted deep litter sheds. Effluent handling consists of a combination of pull plug systems and flushing with recycled effluent from the pond treatment system.

Mindarra 2 (M2) is a deep litter grow out unit. Pig housing originally comprised of 120 deep litter weaner/finisher shelter, each 22 metres long by 9 metres wide and holding 450

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weaners or 225 finishers. These sheds are gradually being decommissioned as new accommodation is built at the Mindarra 4 site.

Mindarra 4 (M4) is a 55,000 intensive grow-out facility. Pig housing comprises 13 sheds which includes 11 tunnel ventilated grower sheds, one controlled environment weaner shed and one sorting shed. Each shed is 76 metres long by 25 metres wide. Five more sheds will be constructed over the next 2 to 3 years to enable the piggery to reach its full capacity. Generally weaner sheds are flushed once a week and sheds with fully grown pigs are flushed every second day. Effluent from all sheds is collected in a concrete tank and pumped to the two screw press separators to remove a proportion of the solids. The solids are collected and either moved to the Mindarra 2 compost bund areas for blending and subsequent removal from site. Liquid effluent from Mindarra 4 sheds is treated in a five pond system.

#### **Other legal requirements**

The licensee should be aware that these conditions do not exempt the premises or licensee from other statutory obligations under the *Environmental Protection Act 1986*, or any other Acts. This includes the licensee's obligations under the:

- *Environmental Protection Regulations 1987*; and
- *Environmental Protection (Noise) Regulations 1997*.

Where there is conflict between the conditions set in this licence and any Act or Regulations, the latter takes precedence.

#### **Emergency, accident or malfunction**

The licensee should inform the Director as soon as practicable after the identification of any discharge of waste which has occurred as a result of an emergency, accident, malfunction or extreme weather conditions otherwise than in accordance with any condition of this licence and has caused or is likely to cause pollution.

#### **General Requirements**

- The licensee should take all reasonable and practicable measures to prevent pollution of the environment.
- Noise emissions from operations on site are required to comply with the *Environmental Protection (Noise) Regulations 1997*.
- The licensee should take all reasonable and practicable measures to prevent or minimise the discharge of waste and the emission of noise, odours or electromagnetic radiation from the premises.
- The licensee should inform the Director at least 24 hours prior to the commencement of any planned non-standard operations that may have the potential to cause pollution.

#### **Alteration to premises**

Prior to making any alterations to the premises which may affect air, water or noise emissions from the premises the licensee must submit an application for licence to the Director, accompanied by supporting information and plans which allow the environmental impacts of that change to be assessed.

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**Odour control requirements**

The licensee should manage and operate the premises such that odours emanating from the premises do not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person at any odour sensitive premises.

**CONDITIONS OF LICENCE**

**DEFINITIONS**

In these conditions of licence:

"Director" means Director, Environmental Management Division of the Department of Environment and Conservation for and on behalf of the Chief Executive Officer as delegated under Section 20 of the *Environmental Protection Act 1986*;

"Director" and "Department of Environment and Conservation" for the purpose of correspondence means:

Regional Leader, Environmental Regulation Division  
Swan Region  
Department of Environment and Conservation  
Locked Bag 104  
BENTLEY DELIVERY CENTRE WA 6983

Booragoon Office:  
181-205 Davy Street  
Booragoon WA 6154

Telephone: (08) 9333 7510  
Facsimile: (08) 9333 7550;

"licensee" means Westpork Pty Ltd;

"NATA" means National Association of Testing Authorities;

"premises" means Mindarra Farm Piggery, located on Lot 10 on Diagram 80101 Wannamal West Road, Gingin, as shown on Attachment 1; and

"M1, M2, M3 and M4" means Mindarra 1, Mindarra 2, Mindarra 3 and Mindarra 4, respectively.

**GENERAL CONDITIONS**

**ANNUAL REPORTING**

- G1(a) The licensee shall provide to the Director, by 1 August each year, an annual monitoring report containing the monitoring data required by any condition of this licence from the previous calendar year.
- G1(b) The licensee shall ensure that the annual monitoring report, referred to in condition G1(b), shall contain, but not be limited to:
- (i) all data required to be collected by any condition of this licence;
  - (ii) an assessment of the data against any limits set in this licence or other environmental policies, standards or guidelines;
  - (iii) an assessment of the data against previous monitoring data e.g. groundwater monitoring should be presented in a time series graph format;

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- (iv) the number and type of environmental complaints received including the name, address and phone no of each complainant, the nature of the complaint (where appropriate cross referenced with prevailing wind directions) and action taken to investigate and resolve each complaint; and
- (v) any changes or proposed changes to equipment, procedures, plant layout, site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.

**G2 ANNUAL AUDIT COMPLIANCE REPORT**

The licensee shall by 1 August in each year, provide to the Director an Annual Audit Compliance Report in the form in Attachment 2 to this licence, signed and certified in the manner required by Section C of the form, indicating the extent to which the licensee has complied with the conditions of this licence, and any previous licence issued under Part V of the Act for the premises, during the period beginning 1 July the previous year and ending on 31 June in that year.

**WATER POLLUTION CONTROL CONDITIONS**

**WASTEWATER TREATMENT AND DISPOSAL**

- W1** The licensee shall ensure that all wastewaters from the piggery operations are discharged to the impervious wastewater treatment and evaporation ponds. The wastewater may be reused within the piggery for flushing, or for irrigation in accordance with condition W3 of this licence.

**WASTEWATER TREATMENT PONDS**

- W2** The licensee shall manage and operate the wastewater treatment ponds such that:
- (i) all stormwater is diverted away from the ponds;
  - (ii) erosion of pond embankments is prevented;
  - (iii) overtopping of the ponds does not occur;
  - (iv) a minimum freeboard of 0.5 metres or sufficient capacity to contain a 1 in 20 year 72-hour rainfall event (whichever is the greater) is maintained; and
  - (v) for all ponds other than anaerobic ponds, vegetation (emergent or otherwise) is prevented from growing in the pond wastewaters or on the inner pond embankments.

**WASTEWATER IRRIGATION**

- W3(a)** The licensee shall ensure that only treated wastewaters are disposed of via irrigation.
- W3(b)** The licensee shall ensure that irrigation of treated wastewaters meets the following requirements:
- (i) the irrigation area shall consist of a minimum of 52.5 hectares of vegetated land;
  - (ii) treated wastewater shall be evenly distributed over the irrigation area;
  - (iii) no soil erosion or ponding of treated wastewaters shall occur;
  - (iv) a healthy vegetation cover shall be maintained over the treated wastewater irrigation areas;
  - (v) no irrigation generated runoff, spray drift or discharge shall occur beyond the boundaries of the premises;

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- (vi) irrigation shall not occur in areas where the water table rises to within one metre of the surface during the period of irrigation;
- (vi) a maximum nitrogen loading of 140kg per irrigated hectare per annum shall not be exceeded;
- (viii) a maximum phosphorus loading of 10 kg per irrigated hectare per annum shall not be exceeded; and
- (ix) bunding/cut-off drains shall be maintained adjacent to treated wastewater irrigation areas such that run-off only discharges to a designated location.

MONITORING REQUIREMENTS

W4(a) The licensee shall monitor, measure and record the following information:

- (i) the number of pigs held on-site at each piggery unit (monthly maximums);
- (ii) the cumulative volume of wastewaters discharged to each irrigation area at M1 and M3 on a quarterly basis; and
- (iii) the volume of treated wastewater recycled for shed flushing (an estimate is acceptable) on a quarterly basis.

W4(b) The licensee shall collect samples of waters and wastewaters from the locations and at the frequencies specified in table 2:

Table 1: Wastewater monitoring locations and monitoring frequency.

Monitoring location	Monitoring frequency
Final discharge point to the irrigation areas located at M1 and M3.	Monthly (when irrigation is occurring)
Piggery water supply bores	Annually (during the month of June)

W4(c) The licensee shall have the samples collected in accordance with part (b) of this condition analysed to determine the levels of the following parameters:

- (i) pH;
- (ii) total dissolved solids;
- (iii) biochemical oxygen demand (5 day);
- (iv) total inorganic nitrogen; and
- (v) total phosphorus.

W4(d) The licensee shall ensure that all water samples are collected in accordance with *Australian Standard AS/NZS 5667.1-1998*.

W4(e) The licensee shall ensure that all water samples are submitted to a laboratory with current NATA accreditation for the analyses specified.

SOLID WASTE CONDITIONS

CARCASS DISPOSAL

S1(a) The licensee shall ensure that animal carcasses are either disposed of on-site within burial pits, or off-site to a licensed rendering facility

S1(b) The licensee shall ensure that carcasses are covered with at least 500 millimetres of soil immediately after being disposed of in any burial pit.



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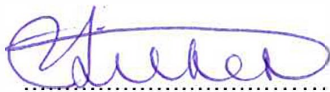
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- S2 WASTEWATER POND DESLUDGING  
The licensee shall inform the Director no less than 14 days prior to the desludging of any wastewater ponds at the premises.
- S3(a) SLUDGE DRYING AND TEMPORARY STORAGE  
The licensee shall ensure that sludges removed from the wastewater ponds are stored within a hardstand area or impervious drying bed.
- S3(b) The licensee shall ensure that the sludge storage areas referred to in part (a) of this condition are adequately bunded to:
- (i) prevent surface runoff entering the storage area;
  - (ii) prevent leachate runoff into surface water and groundwater; and
  - (iii) stop leachate runoff beyond the boundary of the premises.
- S3(c) The licensee shall ensure that any leachate collected in the sludge storage area is returned back into the wastewater treatment ponds.
- S4 STORAGE OF OTHER SOLID WASTES  
The licensee shall ensure that straw based manure awaiting final disposal is stored on a bunded hardstand area.
- S5 DISPOSAL OF SOLID WASTES  
The licensee shall ensure that sludges removed from the wastewater treatment ponds and straw based manure are removed off-site for disposal or reuse.



Carissa Aitken

Officer delegated under Section 20  
of the *Environmental Protection Act 1986*

Date of Issue: Thursday 31 May 2012

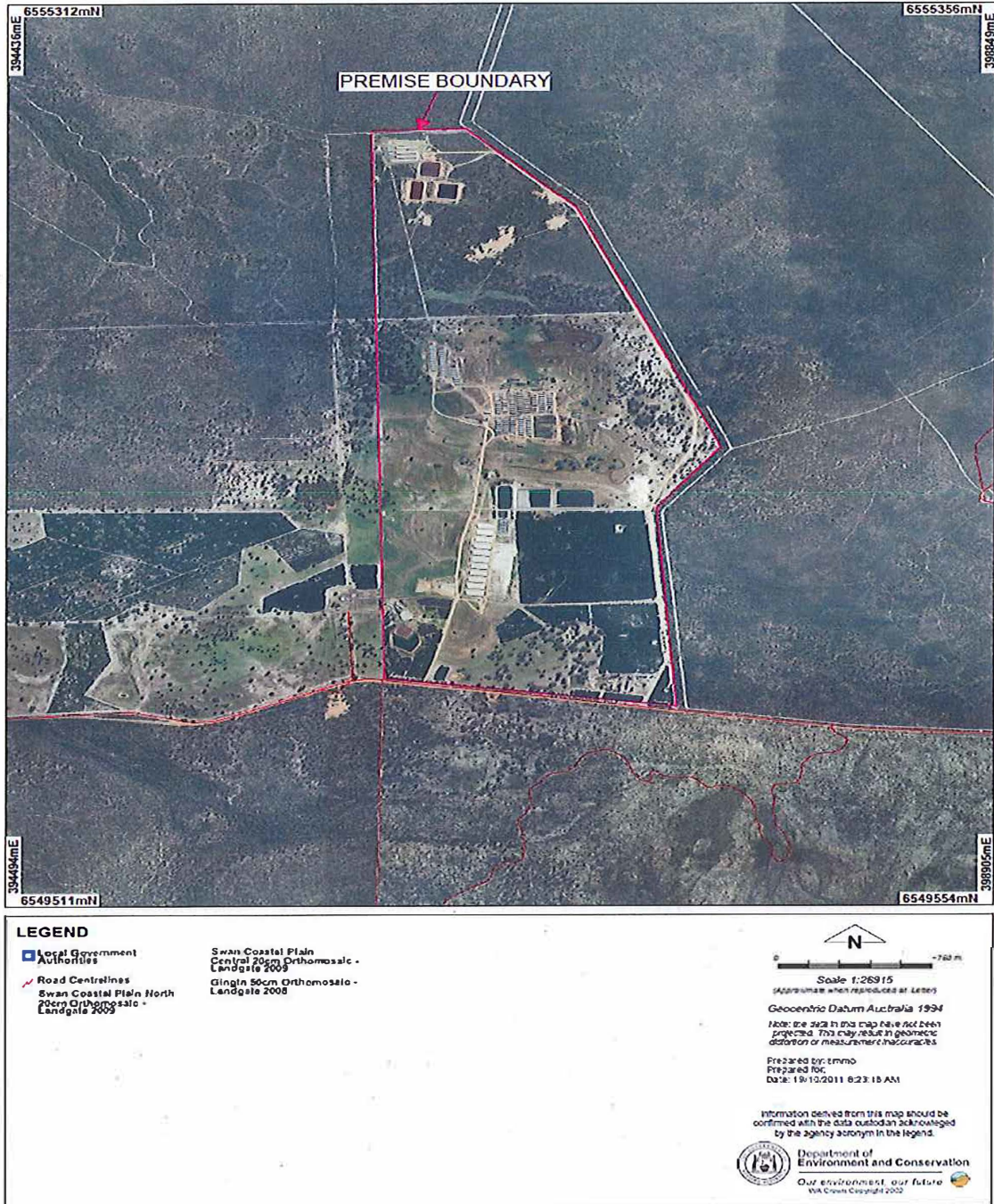


# ATTACHMENT 1: PLAN OF PREMISES

LICENCE NUMBER: 5724/11

FILE NUMBER: L61/93

## LOT 10 ON DIAGRAM 80101 WANNAMAL WEST ROAD



**ATTACHMENT 2: ANNUAL AUDIT COMPLIANCE REPORT**

**LICENCE NUMBER: 5724/11**

**FILE NUMBER: L61/93**

**SECTION A**

**LICENCE DETAILS**

Licence Number:	Licence File Number:
Company Name: Trading as:	ABN:
Reporting period: _____ to _____	

**STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS**

1. Were all conditions of licence complied with within the reporting period? (please tick the appropriate box)

Yes  Please proceed to Section C  
No  Please proceed to Section B

**ATTACHMENT 2: ANNUAL AUDIT COMPLIANCE REPORT**

**LICENCE NUMBER: 5724/11**

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**SECTION B**

**DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.**

Please use a separate page for each licence condition that was not complied with.

<b>a) Licence condition not complied with?</b>	
<b>b) Date(s) when the non compliance occurred, if applicable?</b>	
<b>c) Was this non compliance reported to DEC?</b>	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DEC verbally    Date _____  <input type="checkbox"/> Reported to DEC in writing    Date _____	<input type="checkbox"/> No
<b>d) Has DEC taken, or finalised any action in relation to the non compliance?</b>	
<b>e) Summary of particulars of non compliance, and what was the environmental impact?</b>	
<b>f) If relevant, the precise location where the non compliance occurred (attach map or diagram)</b>	
<b>g) Cause of non compliance</b>	
<b>h) Action taken or that will be taken to mitigate any adverse effects of the non compliance</b>	
<b>i) Action taken or that will be taken to prevent recurrence of the non compliance</b>	

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: \_\_\_\_\_

## ATTACHMENT 2: ANNUAL AUDIT COMPLIANCE REPORT

**LICENCE NUMBER: 5724/11**

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### SECTION C - SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report may only be signed by a person(s) with legal authority to sign it. The ways in which the Annual Audit Compliance Report must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this Annual Audit Compliance Report is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

If the licence holder is		The Annual Audit Compliance Report must be signed and certified:
an individual	<input type="checkbox"/>	by the individual licence holder, or
	<input type="checkbox"/>	by a person approved in writing by the Chief Executive Officer of the Department of Environment and Conservation to sign on the licensee's behalf.
A firm or other unincorporated company	<input type="checkbox"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment and Conservation.
A corporation	<input type="checkbox"/>	by affixing the common seal of the licensee in accordance with the Corporations Act 2001; or
	<input type="checkbox"/>	by two directors of the licensee; or
	<input type="checkbox"/>	by a director and a company secretary of the licensee, or
	<input type="checkbox"/>	if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or
	<input type="checkbox"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment and Conservation.
A public authority (other than a local government)	<input type="checkbox"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment and Conservation.
a local government	<input type="checkbox"/>	by the chief executive officer of the licensee; or
	<input type="checkbox"/>	by affixing the seal of the local government.

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 (printed) \_\_\_\_\_

SIGNATURE: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 (printed) \_\_\_\_\_

POSITION: \_\_\_\_\_  
 DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_  
 SEAL (if signing under seal)

POSITION: \_\_\_\_\_  
 DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_