

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT & CONSERVATION

Environmental Protection Act 1986

LICENCE

LICENCE NUMBER: 6850/1997/13

FILE NUMBER: 2010/002930-1

NAME AND ADDRESS OF OCCUPIER:

Shire of Perenjori
PO Box 22
Perenjori WA 6620
ABN: 68 267 899 822

NAME AND LOCATION OF PREMISES:

Perenjori Landfill Site
Crown Reserve No. 26819 and Crown Reserve No. 26386, Carnamah-Perenjori
Rd, PERENJORI WA 6620

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 64 - Class II or III putrescible landfill site

COMMENCEMENT DATE OF LICENCE: Thursday, 2 May 2013

EXPIRY DATE OF LICENCE: Tuesday, 1 May 2018

CONDITIONS OF LICENCE:

As described and attached:

AIR POLLUTION CONTROL CONDITION(S) (2)
GENERAL CONDITION(S) (7)
WATER POLLUTION CONTROL CONDITION(S) (2)
ATTACHMENTS (2)

Date signed: 5 April 2013

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

Date of Issue: Friday, 5 April 2013

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PREAMBLE

Applicability

This licence relates to the Shire of Perenjori's **Perenjori** Landfill Site, Reserve No. 26819, Carnamah-Perenjori Road, Perenjori, (Attachment 1), 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:

- Operation of a Class II Putrescible landfill.

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

Table 1: Category under which the Perenjori Landfill Facility is prescribed:

<i>Category number</i>	<i>Category name</i>	<i>Description</i>
64	Class II putrescible landfill site	Premises on which waste (as determined by reference to the waste type set out in the document entitled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer and as amended from time to time) is accepted for burial.

Nominal Rated Throughput

The nominal rated throughput of the premises covered by this licence is in accordance with the following:

- Production or design capacity: More than 20 tonnes per year but not more than 5,000 tonnes per year.

Annual Reporting

The licensee is reminded of the need to provide an Annual Monitoring Report by **1 March of each year**. The report requirements are outlined in the annual reporting condition.

Emergency, Accident or Malfunction

The licensee should inform the Department of Environment and Conservation within two working days of the identification of any discharge of waste which has occurred as a result of an emergency, accident or malfunction, or extreme weather conditions, otherwise than in accordance with any condition of this licence and has caused or is likely to cause pollution.

Alteration to Premises

Prior to making any significant alterations to the premises which may affect the air, water or noise emissions from the premises, the licensee should refer the proposal to the Director accompanied by supporting information and plans which allow the environmental impact of that change to be assessed.

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General Requirements

The following statements reflect important sections of the *Environmental Protection Act 1986* and are included for the information of the licensee:

- 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, which may have the potential to cause pollution

Storage and Disposal of Used Tyres

The storage and disposal of used tyres is controlled under the *Environmental Protection Regulations 1987*. Where more than 100 used tyres are to be stored at a landfill site, a licence is required. The licensee is encouraged to make used tyres available for reuse and/or recycling.

Disposal of Asbestos

Waste containing asbestos must be separated from all other waste materials where separation is reasonably practicable. All material containing asbestos must be wrapped in plastic to prevent the release of asbestos fibres into the environment during transportation to the disposal site. Asbestos should be off loaded at the foot of the excavation at the landfill site in such a manner as to avoid the generation of dust and the release of asbestos fibres. Asbestos material should be buried as soon as possible following its arrival at the disposal site, with any load to be recorded on a register, defined by grid references on the site plan.

Asbestos wastes must be transported by licensed carriers to landfills licensed to accept asbestos wastes in accordance with the *Environmental Protection (Controlled Waste) Regulations 2004*. Unlicensed commercial carriers attempting to dispose of asbestos wastes to landfill should be reported to the Environmental Management Division of the Department of Environment and Conservation.

Compliance with other Acts, Regulations and Policy

The licensee should be aware that these conditions do not exempt them from other statutory obligations under the *Bush Fires Act 1954*, *Environmental Protection Act 1986* or *Health Act 1911*. Where there is conflict between the conditions set in this licence and any Act or Regulation, the latter takes precedence.

Where appropriate, the licensee should be aware of and endeavour to comply with the following policy documents issued by the Department of Environment (and advise the Director where the licensee is unable to comply with any of the documents):

- Landfill Waste Classification and Waste Definitions 1996 (as amended);
- Guidelines for Acceptance of Solid Waste to Landfills;
- Code of Practice, Rural Landfill Management; and
- Guideline for Groundwater Monitoring at Municipal Landfill Sites' issued by the Department of Minerals and Energy (Geological Survey of WA).

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Greenwaste

The licensee should be aware that the Fire and Emergency Services Authority of Western Australia (FESA) controls the burning of greenwaste during prohibited and restricted burning times under the *Bush Fires Act 1954*. The licensee should also be aware that one of the State's objectives is to divert greenwaste from landfills and the licensee should endeavour to implement strategies that will meet this objective.

Buffers

In the past, landfills have caused significant offsite impacts to adjacent land which have resulted in restrictions being placed on the landfill's operations. To minimise these impacts, a 35 metre internal buffer zone has been set in this licence. However this may not be adequate and the buffer distance set in the 'Code of Practice Rural Landfill Management' should be followed. Where appropriate buffer distances cannot be maintained and protected in the local authority's town planning scheme, the internal buffer distance may be increased to compensate for the loss of buffer distance.

CONDITIONS OF LICENCE

DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

"approved" and "approval" means approved and approval in writing respectively;

"clean fill", "inert waste", "special waste" and "putrescible waste" means waste as defined in the document titled "Landfill Waste Classification and Waste Definitions" 1996 (as amended);

"cover material" means subsoil or other approved inert waste used for covering of waste;

"Director" means Director of the Environmental Regulation 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 - Industry Regulation
Midwest Region
Department of Environment and Conservation
PO Box 72
GERALDTON WA 6530

Phone: (08) 9921 5955
Facsimile: (08) 9921 5713

"DEC" means the Department of Environment and Conservation;

"FESA" means the Fire and Emergency Services Authority of Western Australia;

"Fire Control Officer", in relation to the premises, means a person who has such qualifications in fire fighting or fire control as are approved, appointed to that position by the occupier of the premises;

"greenwaste" means waste that originates from trees or plants;

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“Landfill Waste Classification and Waste Definitions’ 1996 (as amended)”, refers to the document issued by the Chief Executive Officer of the Department of Environment;

“licensee” means the licence holder;

“litter screen” means a chicken wire fence or similar, with a maximum hole aperture of 50 mm and at least 1.8 metres in height;

“premises” for the purpose of this licence means the Shire of Perenjori’s **Perenjori** Landfill Site, Reserve No. 26819, Carnamah-Perenjori Road, Perenjori, (Attachment 1);

“surface water body” means a water course or wetland (as those terms are defined in the *Rights in Water and Irrigation Act 1914*) and any other surface water, whether artificial or natural;

GENERAL CONDITIONS

PERSONS IN CHARGE TO HAVE ACCESS TO CONDITIONS

- G1(a) The licensee shall ensure that any person left in charge of the premises is aware of these conditions of licence and has access at all times to this licence or copies thereof.
- G1(b) The licensee shall ensure that any person who performs tasks on the premises is informed of all of the conditions in this licence that relate to the tasks which that person is performing.

WASTE ACCEPTANCE

- G2(a) The licensee shall accept and bury only the following types of waste at the premises:
 - (i) clean fill;
 - (ii) type 1 inert wastes;
 - (iii) type 2 inert wastes;
 - (iv) putrescible wastes;
 - (v) type 1 special wastes; and
 - (vi) other wastes that comply with Class II criteria in the document titled ‘Landfill Waste Classification and Waste Definitions’ 1996 (as amended).
- G2(b) The licensee shall, where the licensee is notified or is aware, ensure the following procedures are in place for managing asbestos wastes:
 - (i) before entry to the site, any asbestos material is wrapped in heavy duty plastic or material approved by the Director;
 - (ii) the disposal area(s) for any more than one cubic metre of asbestos material is defined by grid references on the site plan;
 - (iii) a copy of the site plan marked with the locations used for asbestos disposal as described in G2(b)(ii) above, should be kept as a permanent record and made available for viewing by the Director on his request;
 - (iv) a representative of the licensee is available to witness the burial of the asbestos waste under at least one metre of fill or putrescible waste as soon as practicable after the placement in the landfill and sign a bound, numbered register within two hours of the burial to attest that it has been buried in accordance with these procedures.

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MANAGEMENT OF LANDFILL ACTIVITIES

- G3 The licensee shall take the following measures when landfilling activities are conducted at the premises:
- (i) dispose of waste on the premises at least **35 metres** from the premises boundary;
 - (ii) place waste within a defined trench or within an area enclosed by earthen or other bunds;
 - (iii) restrict the non-greenwaste tipping area to a maximum linear length of **30 metres**;
 - (iv) cover waste with at least 300mm of cover material at least monthly;
 - (v) stockpile sufficient cover material to allow waste to be covered in accordance with Condition G3(iv) of this licence and to cover waste in the event of a fire;
 - (vi) manage the active landfill area such that at no time does landfilling result in an exposed face exceeding two metres in vertical height; and
 - (vii) cover waste with a final soil cover of at least one metre.

WIND-BLOWN WASTE

- G4(a) The licensee must ensure that there is a fence around the boundary of the site which is an effective barrier to cattle, horses and other stock.
- G4(b) The licensee shall ensure that all wind-blown waste generated from the premises is contained within the boundaries of the premises.
- G4(c) The licensee shall ensure that any waste that has been washed away by stormwater or blown away from the tipping area is collected and returned to the tipping area on a fortnightly basis.

SIGNAGE

- G5 The licensee shall ensure there is a sign at the entrance to the premises which clearly displays the following:
- (i) hours of operation;
 - (ii) contact telephone number for information, disposal of asbestos wastes, complaints or notification of fires;
 - (iii) a list of materials that are accepted;
 - (iv) the types of waste that must **not** be deposited on the premises and a contact telephone number for alternative disposal options;
 - (v) location of designated greenwaste disposal area; and
 - (vi) a warning, indicating penalties for people lighting fires.

MONITORING AND REPORTING

- G6 The licensee shall by 1 March in each year, provide to the CEO 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 January the previous year and ending on 31 December the previous year.

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- G7(a) The licensee shall provide an Annual Monitoring Report to the Director by **1 March** of each year. The report shall cover the previous 12-month period from 1 January to 31 December.
- G7(b) The Annual Monitoring Report submitted to the Director shall include details of:
- (i) measures taken to control pests and vermin;
 - (ii) number and severity of any fires on site;
 - (iii) measures taken to suppress dust;
 - (iv) measures taken to control windblown waste;
 - (v) average compaction rates;
 - (vi) number and type of complaints received including complainants name, address, nature of complaint (where appropriate cross referenced with prevailing wind directions) and action taken;
 - (vii) changes to site boundaries, internal buffer zones, asbestos and biomedical waste disposal area, location of groundwater monitoring bores and surface drainage changes, and
 - (viii) any issues raised by DEC (e.g. arising from inspections) during the reporting period summarised together with details on how these have been addressed/rectified. If the required work has yet to be completed, how and when they will be rectified/completed.

AIR POLLUTION CONTROL CONDITIONS

DUST – GENERAL REQUIREMENT

- A1 The licensee shall ensure that no visible dust crosses the boundary of the premises.

BURNING OF WASTE

- A2(a) The licensee shall not burn or allow the burning of non-greenwaste on the premises.
- A2(b) If greenwaste is burnt on the premises, the licensee, or a person nominated by the licensee, shall:
- (i) ensure the segregated greenwaste is dry and seasoned for at least two months before being burnt;
 - (ii) ensure the greenwaste is burnt in a designated burning area;
 - (iii) provide an adequate water supply and distribution system to prevent fires from escaping beyond the greenwaste area;
 - (iv) burn greenwaste in a manner to minimise the generation of smoke;
 - (v) burn greenwaste in windrows or trenches;
 - (vi) burning does not commence before 8 a.m. and the Fire Control Officer for the landfill site declares the area safe by 12 noon on the same day;
 - (vii) ensure that, from the time burning commences until the Fire Control Officer for the premises declares the area safe;
 - (a) a fire fighting vehicle is present nearby the designated burning area; which is carrying at least 500 litres of water, fitted with at least 30 metres of 19 mm diameter rubber hose and with a pump capacity capable of delivering a minimum of 250 litres of water per minute at a

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minimum of 700 kPA through a nozzle capable of projecting water by spray or by jet; and

- (b) 2 persons are present who have approved qualifications in fire fighting.

A2(c) The licensee shall ensure that there are appropriate procedures in place at the premises so that any unauthorised fire is extinguished as soon as possible.

A2(d) The licensee shall provide the Director with a report on an unauthorised fire within 14 days of the fire and include:

- (i) details of the date, time and location of the fire;
- (ii) the time the fire was declared safe by the Fire Control Officer for the premises; and;
- (iii) the cause, or suspected cause, of the fire.

WATER POLLUTION CONTROL CONDITIONS

STORMWATER MANAGEMENT

W1(a) The licensee shall direct stormwater on the premises away from the tipping area.

W1(b) The licensee shall ensure stormwater drains on the premises are kept clear to allow for drainage.

W1(c) The licensee shall ensure that water that has come into contact with waste is diverted into a sump on the premises and retained on the premises.

PROTECTION OF GROUND AND SURFACE WATERS

W2(a) The licensee shall provide an undisturbed separation distance of at least three metres between the disposed waste and the highest level of the water table aquifer at the premises.

W2(b) The licensee shall have a minimum distance of at least 100 metres between the previously filled areas of the premises and the tipping area and any surface water body.

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

Date of Issue: Thursday, 28 March 2013

WESTERN AUSTRALIA

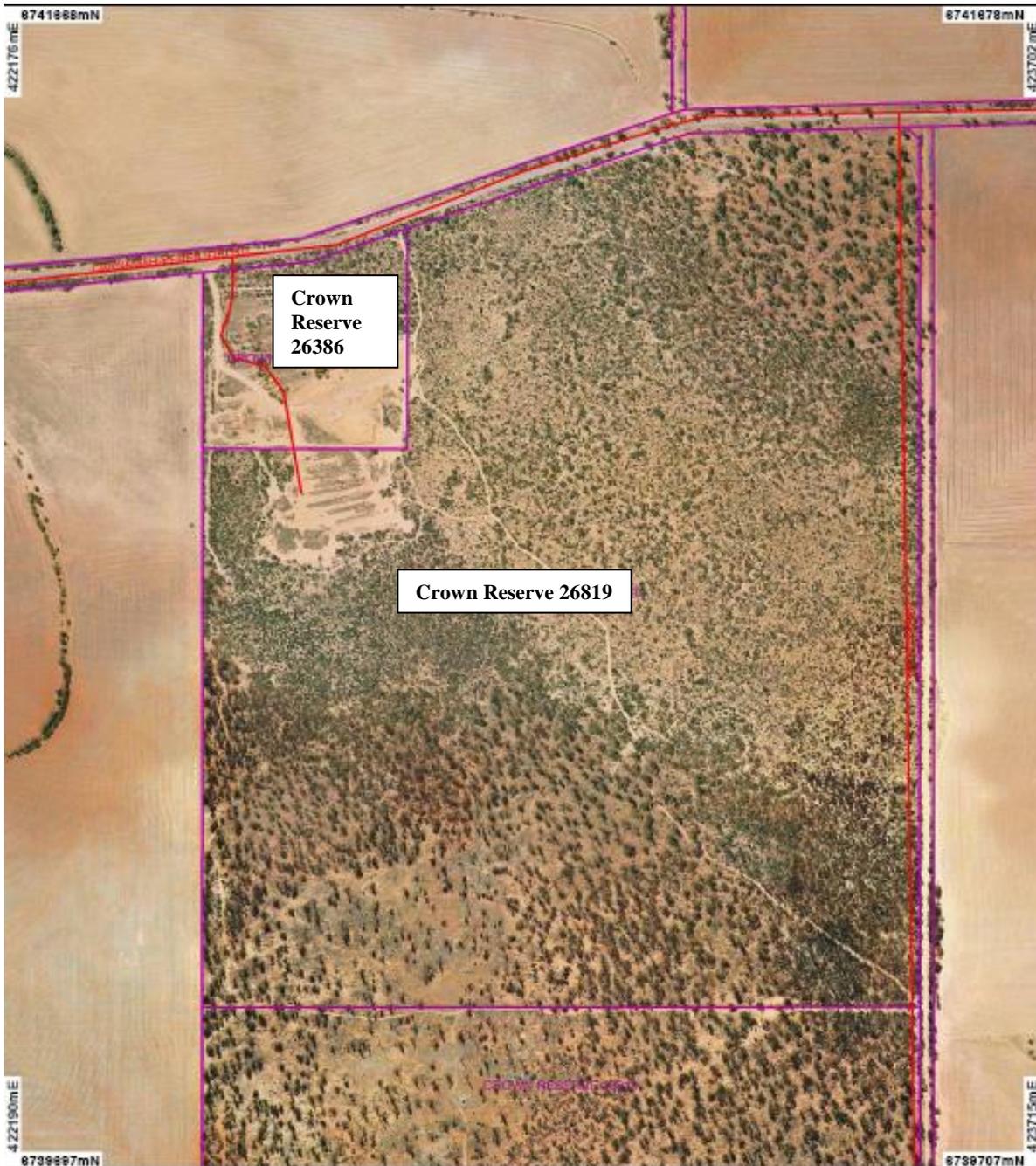
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ATTACHMENT 1: **Perenjori** Landfill Reserve No. 26819 and No. 26386, Carnamah-Perenjori Road, Perenjori



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ATTACHMENT 2:

SECTION A

LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
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

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

INITIAL: _____

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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.

a) Licence condition not complied with?	
b) Date(s) when the non compliance occurred, if applicable?	
c) Was this non compliance reported to DEC?	
<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
d) Has DEC taken, or finalised any action in relation to the non compliance?	
e) Summary of particulars of compliance non compliance, and what was the environmental impact?	
f) If relevant, the precise location where the non compliance occurred (attach map or diagram)	
g) Cause of non compliance	
h) Action taken or that will be taken to mitigate any adverse effects of the non compliance	
i) Action taken or that will be taken to prevent recurrence of the non compliance	

INITIAL: _____

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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"/> <input type="checkbox"/>	by the individual licence holder, or 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"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or 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"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	by affixing the common seal of the licensee in accordance with the Corporations Act 2001; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or 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"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or 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"/> <input type="checkbox"/>	by the chief executive officer of the licensee; or by affixing the seal of the local government.

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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: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)