



Licence

Environmental Protection Act 1986 (WA) (CI), Part V

Licensee: **Shire of Christmas Island**

Licence: **L8708/2012/1**

Registered office: 2 Murray Road
Christmas Island WA 6798

Premises address: Christmas Island Waste Depot
Lot 610 and 612
Vagabond Road
CHRISTMAS ISLAND WA 6798
Being Lot 523 on Plan 220459 as depicted in schedule 1.

Issue date: Thursday, 6 December 2012

Commencement date: Saturday, 8 December 2012

Expiry date: Monday, 7 December 2027

Prescribed Premises Category

Schedule 1 of the *Environmental Protection Regulations 1987 (WA) (CI)*

Category number	Category description	Category production or design capacity	Approved premises production or design capacity
64	Class II putrescible landfill site: premises on which waste is accepted for burial.	20 tonnes or more per year	7 500 tonnes per annual period
57	Used tyre storage (general): premises (other than premises within category 56) on which used tyres are stored	100 tyres or more	500 tyres

Conditions

Subject to this Licence and the conditions set out in the attached pages.

.....
MANAGER WASTE INDUSTRIES
Officer delegated under section 20
of the *Environmental Protection Act 1986 (WA) (CI)*



Contents

Licence	1
Contents	2
Introduction	2
Licence conditions	5
1 General	5
2 Monitoring	12
3 Information	13
Schedule 1: Maps	15
Schedule 2: Reporting & notification forms	17

Introduction

This Introduction is not part of the Licence conditions.

DER's industry licensing role

The Department of Environment Regulation (DER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DER has responsibilities under Part V of the *Environmental Protection Act 1986 (WA) (CI)* (the Act) for the licensing of prescribed premises. Through this process DER regulates to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.



You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non-payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises

Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

Premises description and Licence summary

The Shire of Christmas Island (SOCl) Christmas Island Road Waste Depot is located at Lot 523 Vagabond Road in the north-eastern section of Christmas Island. The landfill is a manned facility and has been operating for approximately 42 years with minimal legislative or management controls in place for nearly half of that time.

The landfill receives mainly domestic and commercial waste with small volumes of industrial wastes also accepted. The depot services an estimated floating population of 5,000, which has increased significantly since 2009 (approximately 1,000 – 1,500) due to additional services and asylum seekers on the island. The increase in people directly correlates with an increase in the amount of refuse being disposed of at the Vagabond Road facility. The premises accepts up to approximately 7,500 tonnes of waste per annum, including quarantine waste.

The facility is unlined and the underlying geology is comprised of limestone over volcanic basalt. The ground water within the area is approximately 95m below ground level at monitoring bore 10 (MB10) and considered fresh to brackish in quality. Depth to groundwater is variable across the island from approximately 50m-100m. Monitoring bore MB10 is considered to be in a perched groundwater system. The landfill lies in the catchment of one of the islands drinking water abstraction points being the Waterfall Bay gallery.

The hydrogeological report completed in 2014/ 2015 by Tony Falkland confirmed that the landfill sits within an area considered to have “high to very high vulnerability” to potential contamination of groundwater resources.

The Vagabond Road Waste Depot is at its closest 20-50m from the nearest sensitive receptor being the Phosphate Hill Immigration Detention Centre (IDC) to the North-west. The distance between the landfill and the nearest sensitive receptor does not meet the EPA Guidance Statement No.3 *Separation Distances between Industrial and Sensitive Land Uses* which suggests an external buffer of 500m. However there is existing tropical vegetation between the landfill and detention centre providing a windbreak / external buffer from the site. It is noted that the landfill had been operating in its current location for many years prior to the construction of the detention centre.

SOCl in conjunction with Murdoch University has developed stage one of a waste management plan aimed at waste reduction and site improvements. There is currently no recycling program on Christmas Island due to the economics of collecting and exporting recyclables to mainland Australia.



The premises consists of:

- putrescible area
- battery storage area
- green waste area
- tyre area
- asbestos disposal area
- quarantine and biomedical area
- bio-solids disposal area
- grease trap disposal area
- white goods area
- vehicle area

The main potential emissions from the site are dust and odour.

A hydrogeological survey was undertaken during 2014/ 2015 which determined that there is potential high risk of contamination to groundwater from the operations of the Waste Depot. A proposal to relocate the landfill has been submitted to the Commonwealth of Australia for finalisation.

This Licence is the result of an amendment sought by DER to remove condition 1.3.4(c) as a result of a compliance inspection carried out at the premises on 17 June 2015. The condition conflicts with Condition 1.3.5, Table 1.3.3 'Cover requirements'. The Licence has also had administrative changes undertaken to update it to the latest DER licence format, v2.9.

The licences and works approvals issued for the Premises since 14/02/2007 are:

Instrument log		
Instrument	Issued	Description
L8088/2	14/02/2007	Licence amendment
L8088/3	15/10/2008	Licence re-issue
L8088/4	05/01/2009	Licence re-issue
L8088/5	08/09/2009	Licence re-issue
L8088/6	08/09/2010	Licence re-issue
L8088/7	28/10/2011	Licence amendment
L8708/2012/1	06/12/2012	Licence re-issued
L8708/2012/1	09/10/2013	Licence amendment
L8708/2012/1	13/11/2014	Licence amendment
L8708/2012/1	26/11/2015	Licence amendment to update cover requirements
L8708/2012/1	22/09/2023	Licence amendment for the submission of a Landfill Environmental Management Plan

Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

END OF INTRODUCTION



Licence conditions

1 General

1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986 (WA) (CI)* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

'Act' means the *Environmental Protection Act 1986 (WA) (CI)*;

'ACM' means asbestos containing material and has the meaning defined in the Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia, (DOH, 2009);

'AHD' means the Australian height datum;

'Acceptance Criteria' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

'amsl' means above mean sea level.

'annual period' means the inclusive period from 1 July until 30 June in the following year;

'AS/NZS 5667.11' means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*;

'asbestos' means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite and any mixture containing 2 or more of those;

'asbestos fibres' has the meaning defined in the Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia, (DOH, 2009);

'averaging period' means the time over which a limit or target is measured or a monitoring result is obtained;

'CEO' means Chief Executive Officer of the Department of Water and Environmental Regulation;

'CEO' for the purpose of correspondence means;

Chief Executive Officer
Department Administering the Environmental Protection Act 1986
Locked Bag 10
JOONDALUP WA 6919
info@dwer.wa.gov.au

'Clean Fill' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

'Combustible Material' means any material that is capable of readily catching fire if heated or otherwise exposed to an external flame and which is further capable of burning easily;



'Contaminated Solid Waste' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 published by the CEO and as amended from time to time;

'controlled waste' has the definition in the *Environmental Protection (Controlled Waste) Regulations 2004*;

'fugitive emissions' means all emissions not arising from point sources identified in Sections 2.2, 2.3, 2.4 and 2.5;

'Inert Waste Type 1' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996, published by the CEO and as amended from time to time;

'Inert Waste Type 2' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996, published by the CEO and as amended from time to time;

'Inert Waste Type 3' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996, published by the CEO and as amended from time to time;

'Landfill Waste Classification and Waste Definitions 1996' means the document entitled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer and as amended from time to time;

'Level Ground' means ground or any finished surface that is not inclined at a grade of more than 1 to 20;

'Licence' means this Licence numbered L8708/2012/1 and issued under the *Environmental Protection Act 1986 (WA) (CI)*;

'Licensee' means the person or organisation named as Licensee on page 1 of the Licence;

'NATA' means the National Association of Testing Authorities, Australia;

'NATA accredited' means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

'Non-Combustible Material' means material that is not Combustible Material;

'Premises' means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

'quarantined storage area or container' means a hardstand storage area or sealed-bottom container that is separate and isolated from authorised waste disposal areas and is capable of containing all non-conforming waste and its constituents, these areas must be clearly marked and their access restricted to authorised personnel;

'rehabilitation' means the completion of the engineering of a landfill cell and includes capping and/or final cover;

'Schedule 1' means Schedule 1 of this Licence unless otherwise stated;

'Schedule 2' means Schedule 2 of this Licence unless otherwise stated;

'Special Waste Type 1' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009) published by the CEO and as amended from time to time;



‘spot sample’ means a discrete sample representative at the time and place at which the sample is taken; and

‘usual working day’ means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.

- 1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the current version of that standard.
- 1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.
- 1.1.5 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
- (a) pollution;
 - (b) unreasonable emission;
 - (c) discharge of waste in circumstances likely to cause pollution; or
 - (d) being contrary to any written law.

1.2 General conditions

- 1.2.1 The Licensee shall immediately recover, or remove and dispose of spills of any hydrocarbons, acids, alkalis, chemicals and/or biosolids associated with the disposal of waste at the premises outside of the designated disposal areas for these materials.
- 1.2.2 The Licensee shall ensure that earthen bunds and diversion channels are maintained to prevent stormwater run-off becoming contaminated by any waste on the Premises.
- 1.2.3 The licensee shall
- (a) implement security measures at the site to prevent as far as is practical unauthorised access to the site;
 - (b) undertake regular inspections of all security measures and repair damage as soon as practicable; and
 - (c) ensure the entrance gates are closed and locked when the site is closed.

1.3 Premises operation

- 1.3.1 The Licensee shall only accept waste on to the Premises if:
- (a) it is of a type listed in Table 1.3.1;
 - (b) the quantity accepted is below any quantity limit listed in Table 1.3.1;
 - (c) it meets any specification listed in Table 1.3.1; and
 - (d) in the case of contaminated solid waste is supported by documentation that demonstrates compliance with the acceptance criteria for Class II landfills.

Table 1.3.1: Waste acceptance

Waste	Quantity limit in tonnes/ year	Specification ¹
Clean fill	Combined total of up to 7,500 tonnes per annual period	None specified.
Contaminated solid waste		Must meet the acceptance criteria for Class II landfills.
Controlled waste		Biological wastes (septage and grease trap only) to be deposited in holding ponds.



Hazardous		Limited to paint, vehicle batteries (acids), DrumMuster products (chemicals), hydrocarbons and alkalis.
Inert waste Type 1		None specified.
Inert Waste Type 2		Tyres, plastic and scrap metal only. Maximum of 500 tyres per annual period.
Putrescible waste		None specified.
Special Waste Type 1		Cement bonded asbestos only. No fibrous asbestos shall be accepted.
Special Waste Type 2		Biomedical / clinical and quarantine waste.

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.3.2 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in conditions 1.3.1 it is removed from the Premises by the delivery vehicle or, where that is not possible, the Licensee shall contact the CEO to agree a course of action in relation to the waste.

1.3.3 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the process(es) set out in Table 1.3.2 and in accordance with any process limits described in that Table.

Table 1.3.2: Waste processing

Waste type(s)	Process	Process limits ^{1,2}
All	Disposal of waste by landfilling	<ul style="list-style-type: none"> No waste shall be temporarily stored or landfilled within 35 metres from the boundary of the premises.
Vehicle batteries	Receipt, handling and storing prior to off-site disposal	<ul style="list-style-type: none"> To be stored on impervious surface prior to recycling or disposal offshore.
Clean Fill	Receipt, handling and disposal by landfilling	<ul style="list-style-type: none"> None specified
Contaminated Solid Waste		<ul style="list-style-type: none"> Must meet the guidelines for acceptance to a Class II Putrescible landfill.
Inert Waste Type1		<ul style="list-style-type: none"> None specified.
Inert Waste Type 2 - Tyres	Receipt, handling, storage prior to disposal by landfilling	<ul style="list-style-type: none"> To be stored in piles of up to 100 units with a 6m separation distance between piles. Tyre stacks are not to obscure fire protection equipment (including fire hydrants and fire hoses) or any related signage. All tyres are to be stacked on their sides or if stored upright on their treads, are baled together with a securing device made from Non-Combustible Materials. Tyres are to be only stored on Level Ground. Any tyres or tyre storage area are to be located at least 6 metres from any Combustible Material, wall, building or fence.



		<ul style="list-style-type: none"> • Tyres shall only be landfilled: <ol style="list-style-type: none"> (a) in batches separated from each other by at least 100mm of soil and each consisting of not more than 40 cubic metres of tyres reduced to pieces; or (b) in batches separated from each other by at least 100mm of soil and each consisting of not more than 1000 whole tyres.
Putrescible Waste	Receipt, handling, prior to disposal by landfilling	<ul style="list-style-type: none"> • None specified
Special Waste Type 1 (Asbestos Waste)	Receipt, handling and disposal by landfilling	<ul style="list-style-type: none"> • Only to be disposed of into a designated asbestos disposal area within the landfill; • Record as grid references on a premises plan all locations used for the disposal of asbestos or material containing asbestos and keep this plan as a permanent record; • Keep a permanent register of each load of asbestos or material containing asbestos deposited at the premises, including the date, name of person that deposited the asbestos or material containing asbestos and the vehicle registration number; • A representative of the licensee is to witness the covering of the asbestos or material containing asbestos and sign the register referred to above within two hours of covering taking place; • Not to be deposited within 2m of the final tipping surface of the landfill; • No works shall be carried out on the landfill that could lead to a release of asbestos fibres; and • Make all records available for viewing by an Inspector upon request.
Special Waste Type 2 (Biomedical and Clinical Waste)		<ul style="list-style-type: none"> • Only to be disposed of into a designated biomedical waste disposal area within the landfill; • The licensee must complete and sign the original waste transport certificate, noting in writing, any discrepancies between waste declared and waste received; • Keep a record of the waste transport certificate for at least three years; • Define the disposal area(s) by grid references on the site plan; • Restrict access to the landfill site where the Special Waste Type 2 is buried to authorised personnel only; • Not to be deposited within 2m of the final tipping surface of the landfill; • No works shall be carried out on the landfill that could lead to biomedical wastes being excavated or uncovered; and • Make all records available for viewing by an Inspector upon request.
Special Waste Type 2		<ul style="list-style-type: none"> • The licensee must complete and sign the original waste transport certificate, noting in writing any discrepancies



(Quarantine Waste)		<p>between waste declared and waste received;</p> <ul style="list-style-type: none"> • Ensure quarantine waste is buried in accordance with the <i>AQIS Process Management System for the Burial of Quarantine Wastes</i>, Feb 2004; • Keep a log of quarantine waste accepted at the premises including, but not limited to transport details, waste generator, waste description and volume, time and date of burial and in the case of deep burials, location of the burial site indicated by GPS co-ordinates and burial depth; • Ensure that the disposal areas are not excavated or uncovered during subsequent landfill operations; • Restrict access to the landfill area where quarantine waste is buried to authorised personnel only during disposal; and • Make all records available for viewing by an Inspector upon request.
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Note 1: Requirements for landfilling tyres are set out in Part VI of the *Environmental Protection Regulations 1987 (WA) (CI)*.

Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004 (WA) (CI)*.

1.3.4 The Licensee shall manage the landfilling activities to ensure:

- the size of the tipping face is kept to a minimum and not larger than 30 m x 30 m;
- waste is levelled and compacted to ensure all faces are stable and capable of retaining rehabilitation material;
- rehabilitation of a cell or phase takes place within six months after disposal in that cell or phase has been completed;
- control measures are implemented to prevent infestations of pests, flies and vermin at the premises.

1.3.5 The Licensee shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 1.3.3 and that sufficient stockpiles of cover are maintained on site at all times.

Table 1.3.3: Cover requirements

Waste Type	Material	Depth	Timescales
Inert Waste Type 1	No cover required	N/A	N/A
Inert Waste Type 2	Inert waste type 1 or soil	100mm	As soon as practicable after deposit
Putrescible Wastes	Inert waste type 1, soil or clay	150mm	As soon as practicable and not later than the end of the working day.
	Inert waste type 1, soil, or clay	1000mm	Within 3 months of achieving final waste contours.
Special Waste Type 1 (Asbestos)	Inert waste type 1 or clean fill	300mm	As soon as practicable after deposit and prior to compaction
	Inert waste type 1 or clean fill or soil	1000mm	By the end of the working day in which the asbestos waste was deposited
Special Waste Type 2 (Biomedical and Clinical Waste)	Inert waste type 1 or clean fill or soil	1000mm	Immediately after deposit.
Special Waste Type 2	Inert waste type 1 or clean fill or soil	2000mm	Immediately after deposit.



(Quarantine Waste)			
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Note 1: Additional requirements for the covering of tyres are set out in Part VI of the *Environmental Protection Regulations 1987 (WA) (CI)*.

- 1.3.6 The Licensee shall ensure that wind-blown waste is contained within the boundary of the Premises and that wind-blown waste is returned to the tipping area on at least a weekly basis.
- 1.3.7 The Licensee shall ensure that there are appropriate procedures in place at the premises so that any unauthorised fire is promptly extinguished.
- 1.3.8 The Licensee shall notify the CEO if a fire is not extinguished within two (2) hours.
- 1.3.9 The Licensee shall provide to the CEO a report on an unauthorised fire within 14 days of the fire detailing, but not limited to, the following information:
- (a) details of the date, time and location of the fire;
 - (b) the time the fire was declared safe by a suitably qualified fire control officer
 - (c) the cause, or suspected cause of the fire.
- 1.3.10 The Licensee shall maintain an undisturbed separation distance of at least three (3) metres between waste and the highest level of the water table aquifer at the premises.
- 1.3.11 The Licensee shall maintain a minimum horizontal distance of at least one-hundred (100) metres between the tipping area and any surface water body.
- 1.3.12 The Licensee shall maintain the monitoring bore, designated BH10, at the location depicted in Schedule 1: Maps – Map of Monitoring Locations, in a serviceable manner, so that the groundwater samples required by condition 2.3.1 of this Licence can be taken.
- 1.3.13 The Licensee shall install and maintain a sign at the entrance to the Premises which clearly displays the following information:
- (a) the premises hours of operation;
 - (b) a contact telephone number;
 - (c) a warning indicating penalties for people lighting fires; and
 - (d) a list of materials accepted for recycling and the location of where they can be deposited on the premises.
- 1.3.14 The licence holder must submit to the CEO a Landfill Environmental Management Plan (LEMP) by 30 June 2024.
- 1.3.15 The licence holder must ensure that the LEMP required by condition 1.3.14 includes, but is not limited to, the following¹:
- (a) site layout plan identifying infrastructure key to the management of environmental risks;
 - (b) hours of operation and security provisions;
 - (c) management structure including clearly defined roles and responsibilities of personnel;
 - (d) summary of site conditions including climate, topography, geology, hydrogeology, groundwater, and surface water;
 - (e) nature of operations and capacity (spatial and volumetric) including details on waste acceptance, handling and disposal procedures, filling sequence (including rates, methodology), tipping face management, landfill lifespan and related onsite activities (including any resource recovery activities);
 - (f) management measures to minimise the impacts of dust, odour, noise, litter, vectors and landfill gas;
 - (g) fire risk prevention and management;



- (h) environmental monitoring, including groundwater monitoring and an associated sampling and analysis quality plan; and
- (i) a landfill closure and aftercare plan, incorporating the following:
 - i. details of future intended land use and a conceptual design of the infrastructure needed for this land use;
 - ii. details of progressive closure, capping and rehabilitation of the landfill;
 - iii. estimated final landform and surface contours after allowing for settlement;
 - iv. landfill cap design detail and drawings, including stormwater management measures; and
 - v. details on post-closure monitoring and aftercare management, including passive landfill gas management where relevant.

Note 1: Further information relating to landfill management, closure and rehabilitation can be found in the department's [landfill application checklist for solid waste landfills](#) and the [Environmental Protection \(Rural Landfill\) Regulations 2002](#).

2 Monitoring

2.1 General monitoring

- 2.1.1 The licensee shall ensure that:
 - (a) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
 - (b) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured.
- 2.1.2 The Licensee shall ensure that six monthly monitoring is undertaken at least 5 months apart.

2.2 Monitoring of inputs and outputs

- 2.2.1 The Licensee shall undertake the monitoring in Table 2.2.1 according to the specifications in that table.

Table 2.2.1: Monitoring of inputs and outputs				
Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Putrescible waste, Inert Waste Type 1, Inert Waste Type 2, Inert Waste Type 3, Special Waste 1, Clean Fill, Hazardous waste, Contaminated Solid Waste, Special Waste Type 1 and Special Waste Type 2	m ³ (where no weighbridge is present)	N/A	Each load arriving at the Premises
Waste Outputs				Each load leaving the premises

2.3 Ambient environmental quality monitoring

- 2.3.1 The Licensee shall undertake the monitoring in Table 2.3.1 according to the specifications in that table.



Table 2.3.1: Monitoring of ambient groundwater quality				
Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
BH10	SWL	m (AHD)	Spot sample	Six monthly
	pH ¹	-		
	Electrical conductivity	µS/cm		
	Total dissolved solids	mg/L		
	Ammonia-nitrogen			
	Nitrate-nitrogen			
	Total nitrogen			
	Potassium			
	Chloride			
	Arsenic			
	Cadmium			
	Chromium			
	Copper			
	Manganese			
	Mercury			
	Nickel			
Zinc				

Note1: In-situ non-NATA accredited analysis permitted

3 Information

3.1 Records

3.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 3.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.

3.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

3.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.



- 3.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

3.2 Reporting

- 3.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 63 calendar days after the end of the annual period (1 September). The report shall contain the information listed in Table 3.2.1 in the format or form specified in that table.

Table 3.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form ¹
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the annual period and any action taken	None specified
Table 2.2.1	Monitoring of inputs and outputs	None specified
Table 2.3.1	Monitoring of ambient groundwater quality	None specified
3.1.3	Compliance	Annual Audit Compliance Report (AACR)
3.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

- 3.2.2 The Licensee shall ensure that the Annual Environmental Report also contains:
- (a) an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets; and
 - (b) a list of any original monitoring reports submitted to the Licensee from third parties for the annual period and make these reports available on request.

3.3 Notification

- 3.3.1 The Licensee shall ensure that the parameters listed in Table 3.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 3.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
1.3.8-9	Notification of unauthorised fires	Part A: The Licensee shall notify the CEO if a fire is not extinguished within two (2) hours. The Licensee shall provide the CEO with a detailed report on any unauthorised fire within 14 days. Part B: As soon as practicable	N1

Note 1: Notification requirements in the licence shall not negate the requirement to comply with s72 of the Act

Note 2: Forms are in Schedule 2



Schedule 1: Maps

Premises map

The Premises is shown in the map below. The pink line depicts the Premises boundary.





Map of monitoring location





Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

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 the 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 initialled by the person(s) who signs Section C of this Annual Audit Compliance Report (AACR).

Initial:



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 DER?:	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DER verbally Date _____ <input type="checkbox"/> Reported to DER in writing Date _____	<input type="checkbox"/> No
d) Has DER taken, or finalised any action in relation to the non-compliance?:	
e) Summary of particulars of the 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:	

Each page must be initialled by the person(s) who signs Section C of this AACR

Initial:



SECTION C

SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report (AACR) may only be signed by a person(s) with legal authority to sign it. The ways in which the AACR 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 AACR 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 Regulation 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 Regulation.
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 <i>Corporations Act 2001</i> ; 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 Regulation.
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 Regulation.
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.

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)



Licence: L8708/2012/1
Form: N1

Licensee: Shire of Christmas Island
Date of breach:

Notification of detection of the breach of a limit.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	



Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Shire of Christmas Island	
Date	