



Licence

Environmental Protection Act 1986, Part V

Licensee: Cleanaway Waste Management Ltd

Licence: L8848/2014/1

Registered office: Level 4, 441 St Kilda Rd
MELBOURNE VIC 3004

ACN: 101 155 220

Premises address: Karratha Waste Handling Facility
Lot 609, Plan 66691, Wargul Way
COOYA POOYA WA 6714
As depicted in Schedule 1

Issue date: Thursday, 12 March 2015

Commencement date: Monday, 16 March 2015

Expiry date: Sunday, 15 March 2036

Prescribed premises category

Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
61	Liquid waste facility: premises on which liquid waste produced on others premises (other than sewage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	10 000 tonnes per annual period
61A	Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	1 000 tonnes or more per year	7 000 tonnes per annual period
62	Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use.	500 tonnes or more per year	7 000 tonnes per annual period

Conditions

This Licence is subject to the conditions set out in the attached pages.

Date signed: 12 May 2016

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Steve Checker

Manager Licensing (Waste Industries)

Officer delegated under section 20

of the *Environmental Protection Act 1986*



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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* (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

Transpacific Industries Group Pty. Ltd. (Transpacific) has obtained a 10 hectare (ha) portion of land on the Karratha-Tom Price Road near the intersection with the North West Coastal Highway, approximately 12 km southwest of Karratha for a waste handling facility (the Facility). The Facility was constructed under Works Approval W5145/2012/1 and consists of:

- A liquid waste facility capable of accepting a range of liquid wastes for on-site treatment, disposal and recycling;
- Truck parking and a truck wash area for a fleet of side lift, front lift and lift-on solid waste trucks, as well as liquid waste tankers and vacuum trucks;
- A solid waste depot where wastes can be sorted, stored and aggregated prior to final disposal;
- A baling operation for baling of cardboard and plastics; and
- Emergency response equipment and vehicles.

The main potential emissions from the site will be emissions to land from spillages of both liquid and hazardous wastes and through incorrect operating procedures. The Facility's waste storage and processing areas are lined with concrete or constructed hardstand areas with rollover bunding to prevent spillages occurring at the Facility.

This licence includes an amendment to change the occupier name from Transpacific Industries Group Ltd to Cleanaway Waste Management Ltd. The occupier's registered address and ACN number has also changed. DER has also taken the opportunity to make global changes to the Licence.

The Licences and Works Approvals issued for the Premises are:

Instrument log		
Instrument	Issued	Description
W5145/2012/1	24/05/2012	Works Approval for construction of the new facility
L8848/2014/1	16/03/2015	New Licence to operate the new facility
L8848/2014/1	06/08/2015	Amendment to add controlled waste category (N120) to wastes accepted at the premises
L8848/2014/1	12/05/2016	Amendment to change occupier details

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* 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*;

'AHD' means the Australian height datum;

'annual period' means the inclusive period from 1 January until 31 December in each year;

'AS/NZS 5667.1' means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

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

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

'CEO' means Chief Executive Officer of the Department of Environment Regulation;

'CEO' for the purpose of correspondence means:

Chief Executive Officer
Department Administering the Environmental Protection Act 1986
Locked Bag 33
CLOISTERS SQUARE WA 6850
Email: info@der.wa.gov.au

'consolidation' means removing waste from two or more containers and placing them together into a larger container, or storing numerous containers on pallets for economical transport, and does not involve the mixing of incompatible waste types;

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

'hardstand' means a surface with a permeability of 10^{-9} metres/second or less;

'Licence' means this Licence numbered L8848/2014/1 and issued under the Act;

'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;

'normal operating conditions' means any operation of a particular process (including abatement equipment) excluding start-up, shut-down and upset conditions, in relation to stack sampling or monitoring;



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

‘process equipment’ means any wastewater or sludge containment infrastructure or wastewater treatment vessel;

‘Schedule 1’ means Schedule 1 of this Licence unless otherwise stated;

‘Schedule 2’ means Schedule 2 of this Licence unless otherwise stated;

‘shut-down’ means the period when plant or equipment is brought from normal operating conditions to inactivity;

‘six monthly’ means the 2 inclusive periods from 1 January to 30 June and 1 July to 31 December;

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

‘start-up’ means the period when plant or equipment is brought from inactivity to normal operating conditions;

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

‘Waste Code’ means the Waste Code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in the Department of Environment Regulation “Controlled Waste Category List” (July 2014), as amended from time to time.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

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.

1.2 Premises operation

1.2.1 The Licensee shall ensure that uncontaminated stormwater, with the exception of the southern (entry) side of premises is directed to the onsite retention basin. Any contaminated and potentially contaminated stormwater is not to be discharged from the premises.

1.2.2 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit in this section.

1.2.3 The Licensee shall ensure that all waste containers at the premises are clearly labelled to display the following information:

- (a) unique container identification number which includes the Waste Receiving Ticket Number; and
- (b) waste description.

1.2.4 The Licensee shall ensure that any waste accepted at the premises for storage and transshipment is stored in an area of the premises which is clearly labelled and demarcated as such.

1.2.5 The Licensee shall only allow waste to be accepted on to the Premises if:

- (a) it is of a type listed in Table 1.3.1; and
- (b) the quantity accepted is below any limit listed in Table 1.3.1; and
- (c) it meets any specification listed in Table 1.3.1

Table 1.3.1 Waste types for waste acceptance



Waste	Waste Code	Quantity Limit ¹	Specification ²
Acids			
Acidic solutions	B100	Not specified	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Bases			
Basic solutions or bases in solid form	C100	Not specified	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Clinical and pharmaceutical			
Clinical waste	R100, R130	100 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Waste from the production or preparation of pharmaceutical products	R140	100 t/annual period	
Waste pharmaceutical drugs or medicines	R120	100 t/annual period	
Industrial wash water			
Industrial wash water contaminated with a controlled waste	L150	Not specified	Delivered in liquid waste truck. Discharged into bunded liquid waste treatment plant.
Car and truck wash waters	L100	Not specified	
Inorganic chemicals			
Antimony and antimony compounds	D170	200 t/annual period	Stored in pits, remediation pad,
Arsenic and arsenic compounds	D130	200 t/annual period	
Barium compounds other than barium sulphate	D290	200 t/annual period	
Beryllium and beryllium compounds	D160	200 t/annual period	
Boron compounds	D310	200 t/annual period	
Cadmium and cadmium compounds	D150, D151	200 t/annual period	
Chlorates	D350	200 t/annual period	
Cobalt or cobalt compounds	D200	200 t/annual period	
Copper compounds	D190	200 t/annual period	
Chromium compounds (hexavalent or trivalent)	D140	200 t/annual period	
Inorganic fluorine compounds excluding calcium fluoride	D110	200 t/annual period	
Inorganic sulphides	D330	200 t/annual period	
Lead and lead compounds	D220, D221	500 t/annual	



		period	impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Mercury and mercury compounds	D120	200 t/annual period	
Metal carbonyls	D100	200 t/annual period	
Nickel compounds	D210, D211	200 t/annual period	
Non-toxic salts	D300	500 t/annual period	
Perchlorates	D340	200 t/annual period	
Phosphorus compounds other than mineral phosphates	D360	200 t/annual period	
Selenium and selenium compounds	D240	200 t/annual period	
Tannery wastes (including leather dust, ash, sludge or flours)	D141	200 t/annual period	
Tellurium and tellurium compounds	D250	200 t/annual period	
Thallium and thallium compounds	D180	200 t/annual period	
Vanadium compounds	D270	200 t/annual period	
Zinc compounds	D230	200 t/annual period	
Miscellaneous			
Waste chemical substances arising from research and development or teaching activities which substances are not identified or are new or the effects of which on human health or the environment are not know	T100	200 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Waste from the production, formulation, or use of photographic chemicals or processing material	T120	100 t/annual period	
Oils			
Waste mineral oils unfit for their intended use	J100, J130, J170, J180	Not specified	J130, J100 liquids, Delivered in liquid waste truck. Discharged into bunded liquid waste treatment plant. J170, J100 solids. Packaged waste stored in impervious containers. Delivered on DER licenced flatbed truck. Stored in bunded/segregated hydrocarbons process shed.
Waste oil and water, or hydrocarbons and water, mixtures or emulsions	J120	Not specified	Delivered in liquid waste truck. Discharged into bunded liquid waste treatment plant.
Waste tarry residues arising from refining, distillation, or pyrolytic treatment	J160	Not specified	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed



			truck/tanker/tipper. Stored in designated waste storage area.
Organic chemicals			
Cyanides (organic) and nitriles	M210	200 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Highly odorous organic chemicals (including mercaptans and acrylates)	M260	200 t/annual period	
Isocyanate compounds	M220	200 t/annual period	
Organic solvents excluding halogenated solvents	M130	200 t/annual period	
Organohalogen compounds other than substances referred to elsewhere	M160	200 t/annual period	
Phenols, phenol compounds including chlorophenols	M150	200 t/annual period	
Polychlorinated Biphenyls (PCBs)	M100	200 t/annual period	
Polychlorinated dibenzo-furan (any congener)	M170	200 t/annual period	
Polychlorinated dibenzo-p-dioxin (any congener)	M180	200 t/annual period	
Surface active agents (surfactants), containing mainly organic constituents and which may contain metals and inorganic materials	M250	200 t/annual period	
Triethylamine catalysts for setting foundry sands	M230	200 t/annual period	
Waste, substances, or articles containing or contaminated by polychlorinated biphenyls (PCBs), polychlorinated naphthalenes (PCNs), polychlorinated terphenyls (PCTs), or polybrominated biphenyls (PBBs)	M105	200 t/annual period	
Organic solvents			
Ethers	G100	200 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Halogenated organic solvents	G150	200 t/annual period	
Organic solvents excluding halogenated solvents	G110, G130	200 t/annual period	
Waste from the production, formulation, or use of organic solvents	G160	200 t/annual period	
Paints, resins, inks and organic sludges			
Waste from the production, formulation, or use of inks, dyes, pigments, paints,	F100, F120	200 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed



lacquers or varnish			truck/tanker/tipper. Stored in designated waste storage area.
Waste from the production, formulation, or use of resins, latex, plasticisers, glues, or adhesives	F110, F130	200 t/annual period	
Pesticides			
Organic phosphorus compounds	H110	200 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Organochlorine pesticides (OCPs)	H130	200 t/annual period	
Waste from the manufacture, formulation or use of wood-preserving chemicals	H170	200 t/annual period	
Waste from the production, formulation, or use of biocides and phytopharmaceuticals	H100	200 t/annual period	
Plating & heat treatment			
Cyanides (inorganic)	A130	100 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Waste resulting from surface treatments of metals or plastics	A100	100 t/annual period	
Waste from heat treatment or tempering operations containing cyanides	A110	100 t/annual period	
Putrescible and Organic wastes			
Vegetable and food processing liquid wastes	K200	Not specified	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Reactive chemicals			
Waste containing peroxides other than hydrogen peroxide	E100	200 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Soils and sludge			
Ceramic based fibres with physio-chemical characteristics similar to those of asbestos	N230	100 t/annual period	Stored in impervious containers. Delivered on DER licenced flatbed truck. Stored in banded/segregated hazardous waste storage area.
Containers or drums that are contaminated with residues of a controlled waste	N100	1 000 t/annual period	Stored in pits, remediation pad, impervious containers or tanks. Delivered on DER licenced flatbed truck/tanker/tipper. Stored in designated waste storage area.
Soils contaminated with a controlled waste	N120	7 000 t/annual period	
Encapsulated, chemically-fixed, solidified, or polymerised controlled wastes	N160	7 000 t/annual period	
Filter cake containing controlled wastes	N190	500 t/annual period	



Fire debris or fire washwaters	N140	1 000 t/annual period	
Residues from industrial waste treatment or disposal operations	N205	7 000 t/annual period	

Note 1: Waste streams are variable for the site, however, quantity limits for waste acceptance overall must not exceed the Approved premises production or design capacity stated on page 1 of this Licence.

Note 2: Additional requirements for the acceptance of controlled waste are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.2.6 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in Table 1.3.1 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.

1.2.7 The Licensee shall ensure that the 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 requirements described in that table.

Table 1.3.2: Waste processing

Waste type	Process	Process requirements
<ul style="list-style-type: none"> Acids; Bases; Clinical and pharmaceutical; Inorganic chemicals; Miscellaneous; Organic chemicals; Organic solvents; Waste tarry residues arising from refining, distillation, or pyrolytic treatment; Paints, resins, inks and organic sludges; Pesticides; Plating & heat treatment; Vegetable and food processing liquid wastes; Waste containing peroxides other than hydrogen peroxide; Ceramic based fibres with physio-chemical characteristics similar to those of asbestos; Fire debris or fire washwaters; and Residues from industrial waste treatment or disposal operations 	Consolidated and segregated in the hazardous waste storage area prior to being taken to an appropriate facility for further treatment/disposal	Wastes must be stored and processed in a manner that prevents incompatible wastes mixing and meets the requirements of Table 1.3.3.



<ul style="list-style-type: none">Containers or drums that are contaminated with residues of a controlled waste	Triple rinsed and crushed ready for suitable recycling.	Tank farm and packaged waste storage capacity of 500 tonnes.
<ul style="list-style-type: none">Encapsulated, chemically-fixed, solidified, or polymerised controlled wastes;Filter cake containing controlled wastes	Processed in bioremediation pad or drill mud pits prior to being taken to an appropriate facility for further disposal	Tank farm and packaged waste storage capacity of 500 tonnes.
<ul style="list-style-type: none">Waste mineral oils unfit for their intended use	J130 waste sent to liquid waste treatment plant for processing. J100 solids process in hydrocarbons shed prior to being taken to an appropriate facility for further disposal. J00 liquids sent to liquid waste treatment plant for processing	Tank farm and packaged waste storage capacity of 500 tonnes.
<ul style="list-style-type: none">Waste oil and water, or hydrocarbons and water, mixtures or emulsions	Delivered in liquid waste truck. Discharged into bunded liquid waste treatment plant	Tank farm and packaged waste storage capacity of 500 tonnes.
<ul style="list-style-type: none">Industrial wash water	Liquid waste treatment plant for processing	Tank farm and packaged waste storage capacity of 500 tonnes.
<ul style="list-style-type: none">Recyclables	Recycling General	None

1.2.8 The Licensee shall ensure that waste material is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.3.

Table 1.3.3: Containment infrastructure

Vessel or compound	Material	Requirements
Storage Tanks	Wastewater, stormwater and oil	Located in bunded hardstand area and stored in impervious tanks.
Packaged waste for transhipment. IBCs and Drums	As per table 1.3.1	Located in bunded hardstand area and stored in impervious containers or tanks.
Solids Storage Bays	Materials for landfill pending analysis	Located in bunded hardstand area

1.2.9 The Licensee shall:

- implement security measures at the site to prevent as far as is practical unauthorised access to the site;
- undertake regular inspections of all security measures and repair damage as soon as practicable; and
- ensure the entrance gates are closed and locked when the site is closed or unmanned.



2 Monitoring

2.1 General monitoring

2.1.1 The licensee shall ensure that:

- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1 unless indicated otherwise in the relevant table;
- (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
- (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.

2.1.2 The Licensee shall ensure that six monthly monitoring is undertaken at least 5 months apart.

2.1.3 The Licensee shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

2.1.4 The Licensee shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

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 3.6.1: Monitoring of inputs and outputs

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Waste Types listed in Table 1.3.1	Tonnes	Monthly	Each load arriving at the Premises
Waste Outputs	Waste Types listed in Table 1.3.1			Each load leaving or rejected from the Premises

2.3 Ambient environmental quality monitoring

2.3.1 The Licensee shall undertake the monitoring in Table 2.2.1 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
BH01 – BH03	Standing water level	m(AHD) mBGL	Spot sample	Six monthly
	pH ¹	pH units		
	BTEX (Benzene, Toluene, Ethyl benzene, Xylene)	µg/L		
	Polycyclic Aromatic Hydrocarbons	mg/L		
	Total Recoverable Hydrocarbons			
	Lead			
	Copper			
	Zinc			
	Arsenic			
	Nickel			
	Mercury			
	Cadmium			
	Chromium			

Note 1: In-field non-NATA accredited analysis permitted.



3 Information

3.1 Records

- 3.1.1 All information and records required by the Licence shall:
- (b) be legible;
 - (c) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (d) 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
 - (e) 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.
- 3.1.5 The Licensee shall maintain records of all wastes accepted, stored and dispatched from the premises that includes, but is not limited to:
- (a) date of acceptance;
 - (b) description of the waste including waste type code;
 - (c) origin of the waste;
 - (d) name of the waste producer;
 - (e) quantity of the waste received;
 - (f) results of any analysis (if applicable);
 - (g) location of the waste at the premises;
 - (h) controlled waste tracking form number (inwards);
 - (i) date(s) of transport off site;
 - (j) destination of waste or product;
 - (k) quantity of the waste or product dispatched;
 - (l) nature of the waste or product dispatched;
 - (m) any certificate of analysis of the waste dispatched (if applicable); and
 - (n) controlled waste tracking form number (outwards).
- 3.1.6 The Licensee shall perform a visual check of all operating systems for irregularities on a daily (5 days a week) basis. This check shall include all material storage/process areas. The Licensee shall record the plants condition and any observations as required by this condition in a log book together with the date and time of the check. The log book shall be retained on the premises and made available to the CEO on request.

3.2 Reporting

- 3.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 60 calendar days after the end of the annual period. 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 and any environmental 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) any relevant process, production or operational data recorded under Condition 3.1.3; and
- (b) an assessment of the information contained within the report against previous monitoring results and Licence limits.

3.2.3 The Licensee shall submit the information in Table 3.2.2 to the CEO according to the specifications in that table.

Table 3.2.2: Non-annual reporting requirements

Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form ¹
-	Copies of original monitoring reports submitted to the Licensee by third parties	Not Applicable	Within 14 days of the CEO's request	As received by the Licensee from third parties
3.1.5	Records required by condition 3.1.5	Not Applicable	Within 14 days of the CEO's request	None specified
3.1.6	Log book of the plants condition and any observations with the date and time of the check	Not Applicable	Within 14 days of the CEO's request	None specified

Note 1: Forms are in Schedule 2

3.3 Notification

3.3.1 The Licensee shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO at the Contact Address and in accordance with the notification requirements of the table.

Table 4.3.1: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
Table 1.3.1	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next working day	N1
2.1.4	Calibration report	As soon as practicable.	None specified

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

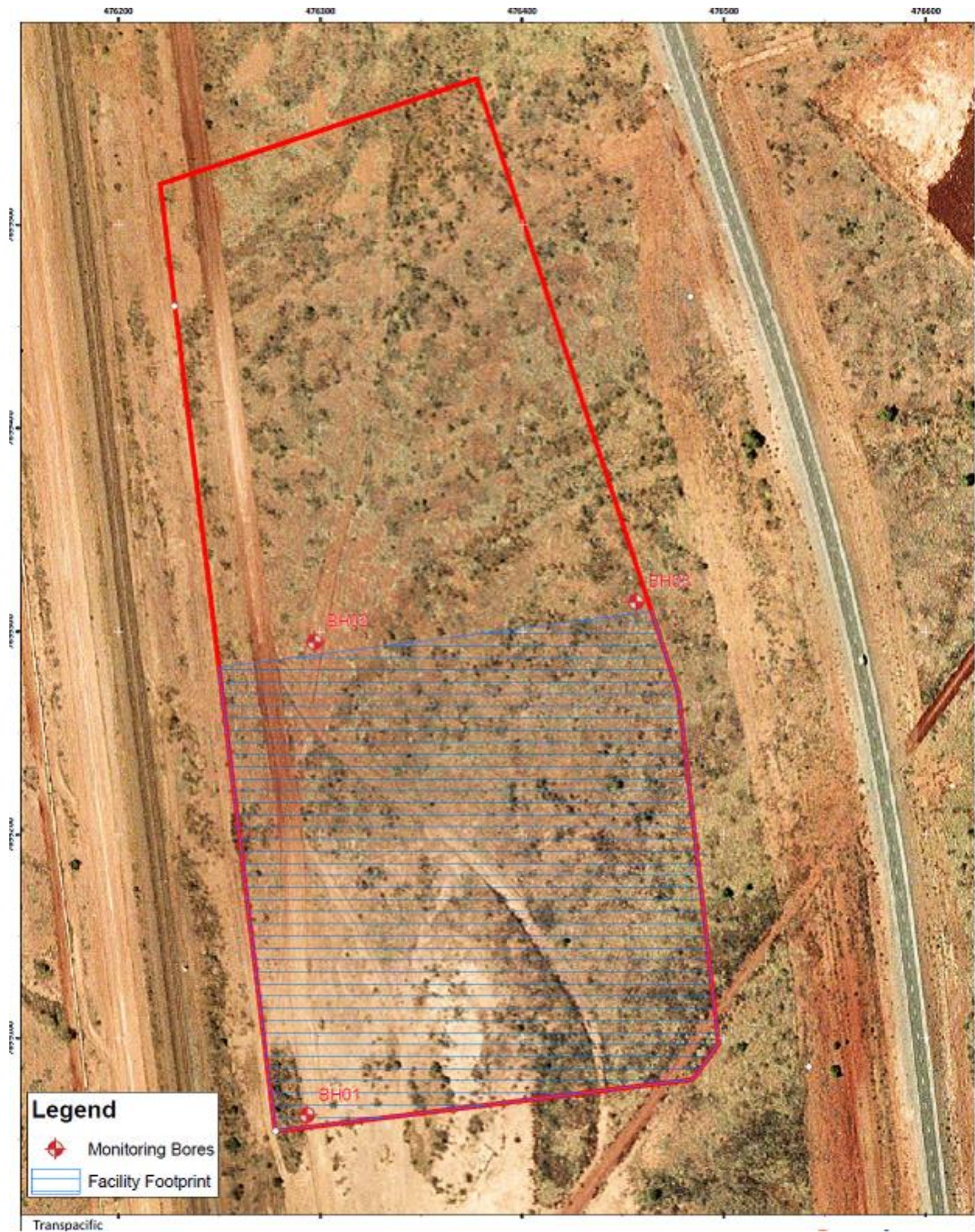
The Premises is shown in the map below. The pink line depicts the Premises boundary.





Map of monitoring locations

The locations of the monitoring points defined in Table 2.3.1 are shown below.





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: Trading as:	ABN:
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: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____

SEAL (if signing under seal)

SIGNATURE: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____



Licence: L8848/2014/1
Form: N1

Licensee: Cleanaway Waste Management Ltd
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 Cleanaway Waste Management Ltd	
Date	

Decision Document

Environmental Protection Act 1986, Part V

Proponent: Cleanaway Waste Management Ltd

Licence: L8848/2014/1

Registered office: Level 4, 441 St Kilda Rd
MELBOURNE VIC 3004

ACN: 101 155 220

Premises address: Karratha Waste Handling Facility
Lot 609, Plan 66691, Wargul Way
COOYA POOYA WA 6714

Issue date: Thursday, 12 March 2015

Commencement date: Monday, 16 March 2015

Expiry date: Sunday, 15 March 2036

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue an amended Licence. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared by:

Chris Slavin
Licensing Officer

Decision Document authorised by:

Steve Checker
Delegated Officer



Contents

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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.



2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/> New Licence <input type="checkbox"/> Licence amendment <input checked="" type="checkbox"/> Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	61	10 000 tonnes per annual period
	61A	7 000 tonnes per annual period
	62	7 000 tonnes per annual period
Application verified	Date: NA	
Application fee paid	Date: NA	
Works Approval has been complied with	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Compliance Certificate received	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome	N/A	
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, eg Site is subject to SO ₂ requirements of Kwinana EPP.		



3 Executive summary of proposal and assessment

Cleanaway Waste Management Ltd (Cleanaway) operates the Karratha for a waste handling facility (the Facility) on the Karratha-Tom Price Road near the intersection with the North West Coastal Highway, approximately 12 km southwest of Karratha for a waste handling facility which consists of:

- A liquid waste facility capable of accepting a range of liquid wastes for on-site treatment, disposal and recycling;
- Truck parking and a truck wash area for a fleet of side lift, front lift and lift-on solid waste trucks, as well as liquid waste tankers and vacuum trucks;
- A solid waste depot where wastes can be sorted, stored and aggregated prior to final disposal;
- A baling operation for baling of cardboard and plastics; and
- Emergency response equipment and vehicles.

On 1 February 2016 Transpacific Industries Group Ltd (Transpacific) changed its name to Cleanaway Waste Management Ltd (Cleanaway). The AC number and registered address of the occupier was also changed. The Department of Environment Regulation (DER) has amended the Licence accordingly and has also made global changes to the Licence. Where conditions have been altered or deleted, they are detailed below in Table 4.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Interpretation	L1.1.4-L1.1.4 L1.1.5	<p>Conditions 1.1.1 – 1.1.4 require that terminology used within the Licence is referenced to the appropriate definitions where applicable, and that any reference to a standard or guideline is to the most current version of that standard or guideline. Terminology has been updated to reflect the new format Licence.</p> <p>Condition 1.1.5 has been removed in accordance with Departmental reform as published on DER's website under "Administrative changes implemented within the Department of Environment Regulation" www.der.wa.gov.au</p>	<p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>Administrative changes implemented within the Department of Environment Regulation www.der.wa.gov.au</p>
General conditions	L1.2.1 – L1.2.2	<p>Condition 1.2.1 of the previous Licence has been removed in accordance with Departmental reform as published on DER's website under "Administrative changes implemented within the Department of Environment Regulation" www.der.wa.gov.au.</p> <p>Condition 1.2.2 of the previous Licence has been removed in accordance with Departmental reform. The condition has been deleted as it is the occupiers responsibility to ensure they comply with relevant legislative requirements for the storage and handling of environmentally hazardous materials. Unauthorised discharges of environmentally hazardous materials may be subject to the provisions of the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>.</p>	<p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i></p> <p>Administrative changes implemented within the Department of Environment Regulation www.der.wa.gov.au.</p>
Premises operation	1.2.1 1.2.8	Previous condition 1.2.3 (now premises operation condition 1.2.1) has been amended in accordance with Departmental reform. All uncontaminated	General provisions of the <i>Environmental Protection</i>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>stormwater is to be directed to a retention basin/. Any potentially contaminated stormwater is not to be discharged from the premises.</p> <p>Condition 1.2.8 has been amended to ensure that waste at the premises is stored in appropriate containment infrastructure. The condition previously referenced the code of practice for the storage and handling of dangerous good, which is not administered by DER and has been removed from the condition in accordance with Departmental reform, as mentioned above.</p>	<p><i>Act 1986</i></p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i></p> <p>Administrative changes implemented within the Department of Environment Regulation www.der.wa.gov.au.</p>
General monitoring	2.1.2	Condition 2.1.2 has been removed in accordance with Administrative changes implemented within the Department of Environment Regulation www.der.wa.gov.au .	Administrative changes implemented within the Department of Environment Regulation www.der.wa.gov.au .
Licence Duration	N/A	The licence was amended on 29 April 2016 to extend the expiry date to 15 March 2036 in accordance with DER's Guidance Statement: <i>Licence Duration</i> .	Guidance Statement: <i>Licence Duration</i>



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
05/05/2016	Proponent sent a copy of draft instrument	No comments received. The Licensee requested the Licence be amended as soon as possible.	N/A



6 Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Table 1: Emissions Risk Matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Moderate	High	High	Extreme	Extreme
Likely	Moderate	Moderate	High	High	Extreme
Possible	Low	Moderate	Moderate	High	Extreme
Unlikely	Low	Moderate	Moderate	Moderate	High
Rare	Low	Low	Moderate	Moderate	High