



Licence Number L6964/1997/11

Licence Holder City of Armadale

File Number: DEC12715

Premises City of Armadale Landfill and Recycling Facility
Hopkinson Road, HILBERT WA 6112

Lots 185 and 186 on Plan 152818, Lot 1120 on Plan 152811 and Lot 1 on Diagram 12494

Date of Amendment 18/04/2018

Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act) as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act.

Date signed: 18 April 2018

Rebecca Kelly

**MANAGER LICENSING (WASTE INDUSTRIES)
REGULATORY SERVICES (ENVIRONMENT)**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Definitions and interpretation

Definitions

In this Amendment Notice, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Amendment Notice	refers to this document
Category/ Categories/ Cat.	categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 33 Cloisters Square PERTH WA 6850 info@dwer.wa.gov.au
Delegated Officer	an officer under section 20 of the EP Act
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
Licence Holder	City of Armadale
Occupier	has the same meaning given to that term under the EP Act.
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Decision Report applies, as specified at the front of this Decision Report.
Risk Event	as described in <i>Guidance Statement: Risk Assessment</i>

Amendment Notice

This amendment is made pursuant to section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the Licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

This notice is limited only to an amendment for Category 61. No changes to the aspects of the original Licence relating to Categories 62 or 64 have been requested by the Licence Holder.

The following guidance statements have informed the decision made on this amendment:

- *Guidance Statement: Regulatory Principles (July 2015)*
- *Guidance Statement: Setting Conditions (October 2015)*
- *Guidance Statement: Land Use Planning (February 2017)*
- *Guidance Statement: Decision Making (February 2017)*
- *Guidance Statement: Risk Assessment (February 2017)*
- *Guidance Statement: Environmental Siting (November 2016)*

Amendment description

The Licence Holder has applied to accept and store waste paint at the Premises. The Licence Holder has nominated a proposed throughput of up to 99 tonnes per annual period.

Paint has previously been accepted at the premises under the Household Hazardous Waste (HHW) Program. The HHW program provided Intermediate Bulk Containers (IBC's) for separate storage of water-based and solvent-based paint. Paint will be accepted under the Paintback scheme following this amendment. The Paintback scheme will provide self-bunded stillages for storage of water-based and solvent-based paint together. The self-bunded (fully contained and welded) metal stillages are 1.1m by 1.1m by 1.1m in external dimensions and are designed to capture spills and leaks. See Appendix 2 for a photo and schematic of the stillages.

Paint is to be delivered to the premises by both members of the public and commercial painters. Members of the public deliver it onto a bunded pallet in the waste acceptance area which is located on a compact gravel road base. Staff from the Premises will transfer the paint into self-bunded stillages. Commercial painters are permitted to deposit paint directly into the stillages.

The stillages will be progressively filled until there is sufficient volume to warrant removal. The Licence Holder has estimated there to be a maximum of up to 12 tonnes of paint on the Premises at any one time. The paint is then removed from the Premises and transported for further processing and disposal.



Figure 1: Premises map

Amendment history

Table 3 provides the amendment history for L6965/1997/14

Table 3: Licence amendments

Instrument	Issued	Amendment
L6964/1997/11	5 September 2013	Licence re-issue
L6964/1997/11	1 December 2015	Amendment Notice 1 – Incorporation of regulatory controls for the landfill gas extraction and flare system
L6964/1997/11	18 April 2018	Amendment Notice 2 – Addition of Category 61 for the receipt of paint

Location and receptors

Tables 4 and 5 below list the relevant sensitive land uses and relevant environmental receptors in the immediate vicinity of the Prescribed Premises. This is not intended as a complete list of receptors but is focused on those that are considered as part of this amendment.

Table 4: Receptors and distance from activity boundary

Residential and sensitive premises	Distance from Premises Boundary
Residential Premises	Immediately adjacent to the south and east of the Premises Boundary Multiple properties within 500 metres of the Premises boundary

Table 5: Environmental receptors and distance from activity boundary

Environmental receptors	Distance from Premises Boundary
Groundwater	Groundwater is located approximately 7 metres below ground level

Risk assessment

Table 6 below describes the Risk Events associated with the amendment consistent with the *Guidance Statement: Risk Assessments*. The table identifies whether the emissions present a material risk to public health or the environment, requiring regulatory controls.

Decision

The Delegated Officer has determined that the Licence will be amended as requested to permit the acceptance and storage of up to 99 tonnes per year of paint materials.

Due to the current wording of the waste acceptance conditions on the Licence, reference to waste burial will be removed from Condition 1(a) and the intent of this condition will be replicated as a stand-alone Condition 1(d). This amendment does not alter any operational activities or change any obligations of the Licence Holder.

The Licence Holder's proposed controls will also be conditioned to maintain the risk rating of 'low' for odour and 'medium' for discharge of paints to land, and therefore conditions will be added specifying that paint may only be received and stored (not decanted or otherwise treated) in a dedicated and bunded paint storage container provided by the Paintback Scheme.

Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 26 March 2018. The Licence Holder did not provide any comments on the drafts.

Table 2: Risk assessment for proposed amendments during operation

Risk Event						Consequence rating	Likelihood rating	Risk	Reasoning
Source/Activities		Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
Liquid Waste Storage	Acceptance and storage of paint	Odour: Storage of open containers within bunded area	Residential Receptors	Air/ Wind dispersion	Amenity impacts	Minor	Rare	Low	The Delegated Officer considers odour may cause low level impacts to amenity (minor consequence) and this would only happen in exceptional circumstances (rare likelihood) due to the proposed storage infrastructure controls. Any odour generation is expected to be limited to the immediate storage areas.
		Discharge of paints to land: Spillages and failure of containment infrastructure	Groundwater	Infiltration through underlying soils	Impacts to groundwater quality	Moderate	Rare	Medium	The Delegated Officer considers paint spills may cause low level onsite or offsite impacts to these potential receptors (overall moderate consequence), and this would only happen in exceptional circumstances (rare likelihood) due to the proposed storage infrastructure controls.
			On-site and neighbouring soils	Direct emission, overland flow	Contamination of soil				

Amendment

1. Condition 1(a) is amended by the deletion of text shown in strikethrough below and the insertion of the red text shown in underline below.
 - 1(a) The licensee shall only accept ~~and bury~~ the following types of waste at the premises:
 - (i) Clean fill;
 - (ii) Inert Waste Type 1;
 - (iii) Inert Waste Type 2 (excluding tyres);
 - (iv) Putrescible waste; ~~and~~
 - (v) Special Waste Type 1; and
 - (vi) Hazardous Waste (no more than 99 tonnes; limited to paints and resins only)
2. The Licence is amended by the insertion of the following condition 1 (d)
 - 1(d) *The Licence Holder is permitted to bury all waste types specified in Condition 1(a) with the exclusion of Hazardous Waste (paints and resins)*
3. The Licence is amended by the insertion of the following Conditions 1(e) and 19 (f)
 - 1(e) *Paint and resins shall be stored in dedicated impermeable and bunded storage containers ('stillages') provided by the Paintback Scheme*
 - 1(f) *Paint shall not be decanted or treated on the Premises*

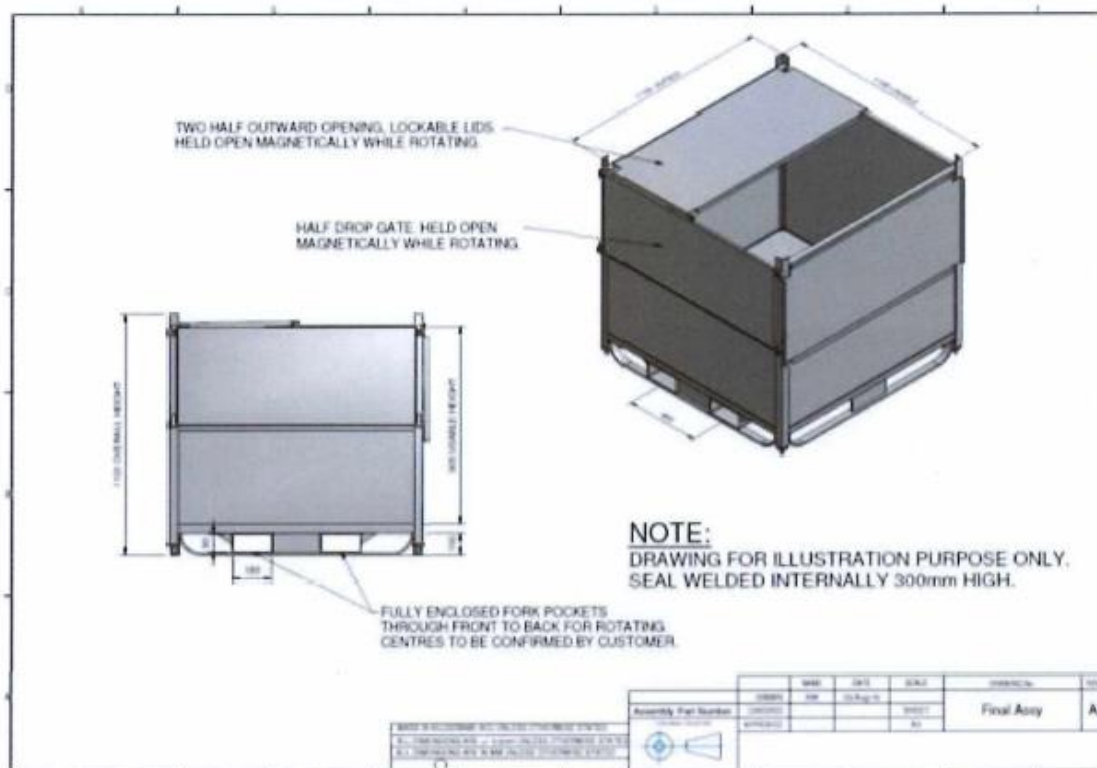
Appendix 1: Key documents

	Document title	Availability
1	Licence L6964/1997/11 – City of Armadale Landfill and Recycling Facility	accessed at www.dwer.wa.gov.au
2	City of Armadale, January 2018. Application for Amendment.	DWER records (A1588428)
3	City of Armadale, March 2018. Email clarifying paint volumes.	DWER records (A1640023)
4	DER, July 2015. <i>Guidance Statement: Regulatory principles</i> . Department of Environment Regulation, Perth.	accessed at www.dwer.wa.gov.au
5	DER, October 2015. <i>Guidance Statement: Setting conditions</i> . Department of Environment Regulation, Perth.	
6	DER, February 2017. <i>Guidance Statement: Land Use Planning</i> . Department of Environment Regulation, Perth.	
7	DER, February 2017. <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	
8	DER, November 2016. <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, Perth.	
9	DER, November 2016. <i>Guidance Statement: Environmental Siting</i> . Department of Environment Regulation, Perth.	
10	DWER, February 2018. Email waiving fees for Paintback applications.	DWER records (A1605626)

Appendix 2: Paintback photo and schematic



Photo 1: Stillages provided by the Paintback Scheme



Schematic 1: Stillages provided by the Paintback Scheme, including dimensions