



Licence Number L7200/1997/10

Licence Holder Cleanaway Pty Ltd

ACN ACN 000 164 938

File Number: 2010/008332

Premises Gordon Road Transfer Station
Lot 4304 on Plan 193020
Corsican Place
PARKLANDS WA 6180

Date of Amendment 28 September 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* 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 and follows.

Steve Checker

MANAGER 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
AACR	Annual Audit Compliance Report
ACN	Australian Company Number
AER	Annual Environment Report
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
CS Act	<i>Contaminated Sites Act 2003</i> (WA)
Decision Report	refers to this document
Delegated Officer	an officer under section 20 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)
Existing Licence	The Licence issued under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this Review
Licence Holder	Cleanaway Pty Ltd
Minister	the Minister responsible for the EP Act and associated regulations
NEPM	National Environmental Protection Measure
Noise Regulations	<i>Environmental Protection (Noise) Regulations 1997</i> (WA)
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 62. No changes to the aspects of the original Licence relating to Category 57 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: Licence Duration (August 2016)*
- *Guidance Statement: Decision Making (February 2017)*
- *Guidance Statement: Risk Assessment (February 2017)*
- *Guidance Statement: Environmental Siting (November 2016)*

Additional documents used to inform the decision are listed in Appendix 1.

Amendment description

Cleanaway Pty Ltd (the Licence Holder) operates the Gordon Road Transfer Station under Licence L7200/1997/10 which was granted on 15 November 2012. It authorises the storage of up to 60,000 tonnes of waste per year (category 62 – solid waste depot) and less than 300 tyres at any one time (category 57 – used tyre storage). Waste types accepted include: Inert Waste Type 1 and Inert Waste Type 2; putrescible; Special Waste Type 1; household hazardous wastes; scrap metal; waste oil; and car batteries.

The waste receipt area in the main tipping shed consists of a separate unloading floor for commercial and residential vehicles. The unloading areas utilise a common push pit and waste deposited into the pit is currently pushed by a large front end loader into an existing hopper that is connected to a Wastech S8000 static compactor.

The City of Mandurah (The City) owns the transfer station site, submitted an amendment application to DWER on behalf of Cleanaway Pty Ltd operating under contract and current licence holder on the 7 June 2018. Cleanaway Pty Ltd provided written confirmation on 19 September 2018 that they and the City of Mandurah operate under a Strategic Waste Alliance Contract for the provision of all waste services within the City, including the operation of the Gordon Road Transfer Station. Both organisations work closely together on a daily basis and have been fully involved in the process regarding the installation of the moving floors.

The following amendments were requested:

1. Increase Category 62 throughput from 60,000 tonnes per annual period to 75,000 tonnes per annual period; and
2. Installation of two new waste moving floor systems that will integrate with the existing hopper and compaction system (refer to figure 1 for proposed transfer station layout and figure 2 for the transfer station aerial map).

Information provided in the application details that:

- The main tipping shed consists of separate unloading floor for commercial and residential vehicles;
- The first moving floor (4m in width) will be located on the northern side of the push pit

so that waste is self-propelled into the existing hopper and compaction system;

- The second moving floor (2.5m in width) will be located on the west side of the residential tipping floor and will feed perpendicularly into the main moving floor system;
- The first moving floor infrastructure will improve resource recovery of residential waste (a specialised resource recovery floor will be installed adjacent to the moving floor to assist in the recovery of recyclable materials);
- Eliminate current fall from height issues,
- Reduce damage to the current compactor infrastructure within the pit;
- Allow improved integration with the existing compaction system, reduce emissions;
- Moving floors are contained within a fully sealed modular steel pit;
- Steel pit creates a sealed system and allows for leachate from the waste to be managed effectively;
- Each floor has its own hydraulic power pack that is located in a separate enclosure which is located within the main tipping shed; and
- Moving floors are rated to support a pit full of waste or a small loader (in case of breakdowns)

Moving Floor Installation Process

The moving floors are being fabricated by Wastech Engineering in Melbourne and will be placed on large haulage vehicles and transported to the transfer station.

A basic methodology of the installation process is detailed in Appendix 2.

While both moving floors are being fabricated in the same workshop, they will be built separately and their completion times will be staggered. The commercial floor will be delivered first to site and is expected to arrive on 24 September 2018. The residential floor is expected to arrive to site on 5 October 2018. The installation of both floors, including testing and commissioning should be concluded by 19 October 2018.

The installation process is summarised below:

- Site induction, unload and site setup: Monday 24 September
- Start installation (Commercial Floor): Tuesday 25 September
Note: Push pit will be out of action from 29 Sept to 9 Oct
- Start installation (Residential Floor): Friday 5 October
- Installation duration 10 days + 3 days commissioning for each floor
- Completion date: 19 October 2018

Table 2 below outlines the proposed changes to the Licence Categories.

Table 2: Proposed throughput capacity changes

Category	Current throughput capacity	Proposed throughput capacity	Description of proposed amendment
62	60,000 tonnes per annual period	75,000 tonnes per annual period	Increase of 15,000 tonnes per annual period

Amendment history

Table 3 provides the amendment history for L7200/1997/10.

Table 3: Licence amendments

Instrument	Issued	Amendment
L7200/1997/10	5/06/2013	Increased throughput of category 62 from 25,000 tonnes per annual period to 50,000 tonnes per annual period. Addition of condition restricting hours of operation of compactor and improvement conditions requiring submission of a noise assessment.
L7200/1997/10	5/05/2016	Change of occupier name, address, extension of expiry date to 2023 and removal of outdated conditions.
L7200/1997/10	24/8/2017	Amendment Notice 1: Increase throughput and green waste storage capacity.
L7200/1997/10	Draft	Amendment Notice 2: Increase Category 62 throughput capacity from 60,000 tonnes per annual period to 75,000 tonnes per annual period. Installation and operation of two moving floor systems: <ul style="list-style-type: none"> • The first moving floor (4m in width) will be located on the northern side of the push pit; and • The second moving floor (2.5m in width) will be located on the west side of the residential tipping floor.

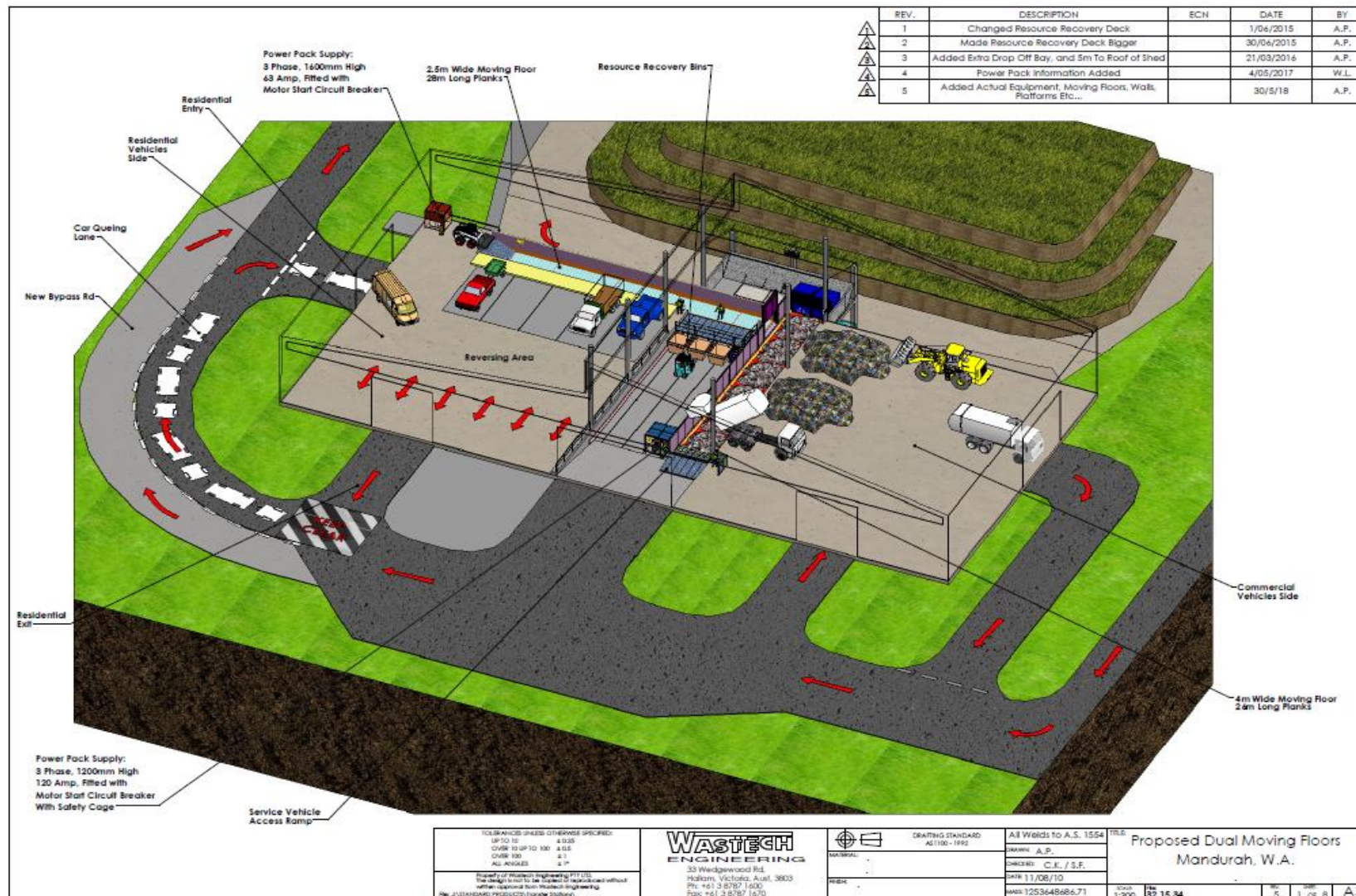


Fig 1: Transfer station layout



Fig 2: Aerial Map

L7200/1997/10

Complaints history

A review of DWER's Incident and Complaint's Management System indicates that there have been no complaints in the past four years that have been confirmed to be attributed to the Premises.

DWER has received an increased number of odour complaints in the Mandurah area over the past few years. Investigations to date have indicated that there is a high likelihood that these odours are from composting or piggery operations in the area, however there is a possibility that the Premises could contribute to odour impacts in the area. The Delegated Officer has determined that the potential for odour complaints should be considered when determining the likelihood of odour impacts.

Compliance history

The Premises has been inspected eight times over the past two years in relation to the Landfill Levy and was found to be compliant on all occasions.

A review of Annual Environmental Reports and Annual Audit Compliance Reports submitted to DWER in the past indicated that in 2015 the Licence Holder was found to be non-compliant with a number of reporting and monitoring requirements. The Licence Holder subsequently provided the required information. In 2016 the Licence Holder was compliant with all reporting requirements. Reports for 2017 were submitted on 25 January 2018 and the Licence Holder has not reported any non-compliance with licence conditions. These reports are yet to be formally reviewed by DWER.

Noise modelling

The City submitted a noise assessment report for the site under an improvement condition of the Licence in June 2015. The report demonstrated that noise emissions from the operation of the compactor, front end loader to move the rubbish, and all other waste operations were likely to comply with the assigned levels in the Noise Regulations. The major noise source within the main tipping shed was the operation of the front end loader. The City has advised DWER that while the compactor is still in use, all other sorting equipment has been removed from the site. The only equipment that remains in the tipping shed is a small static compactor and conveyor belt.

Following the installation of the moving floors the City has confirmed that the principal noise source from the moving floors will be from the hydraulic power packs. However each power pack are located in a separate enclosure. Both enclosures are located inside the main tipping shed and are adjacent to each moving floor.

The City also provided the manufacture Wastech Engineering's noise measurements (shown in figure 3 below) relating to emissions from a moving floor at another site. The measurements showed peak noise level within the shed as 92.5 dB and this emission reduces to 69.4 dB at 5 metres. This results show that those sensitive receptors close to the main tipping area (180 metres west and 160 metres north) will not be affected from the noise generated by the hydraulic power packs.

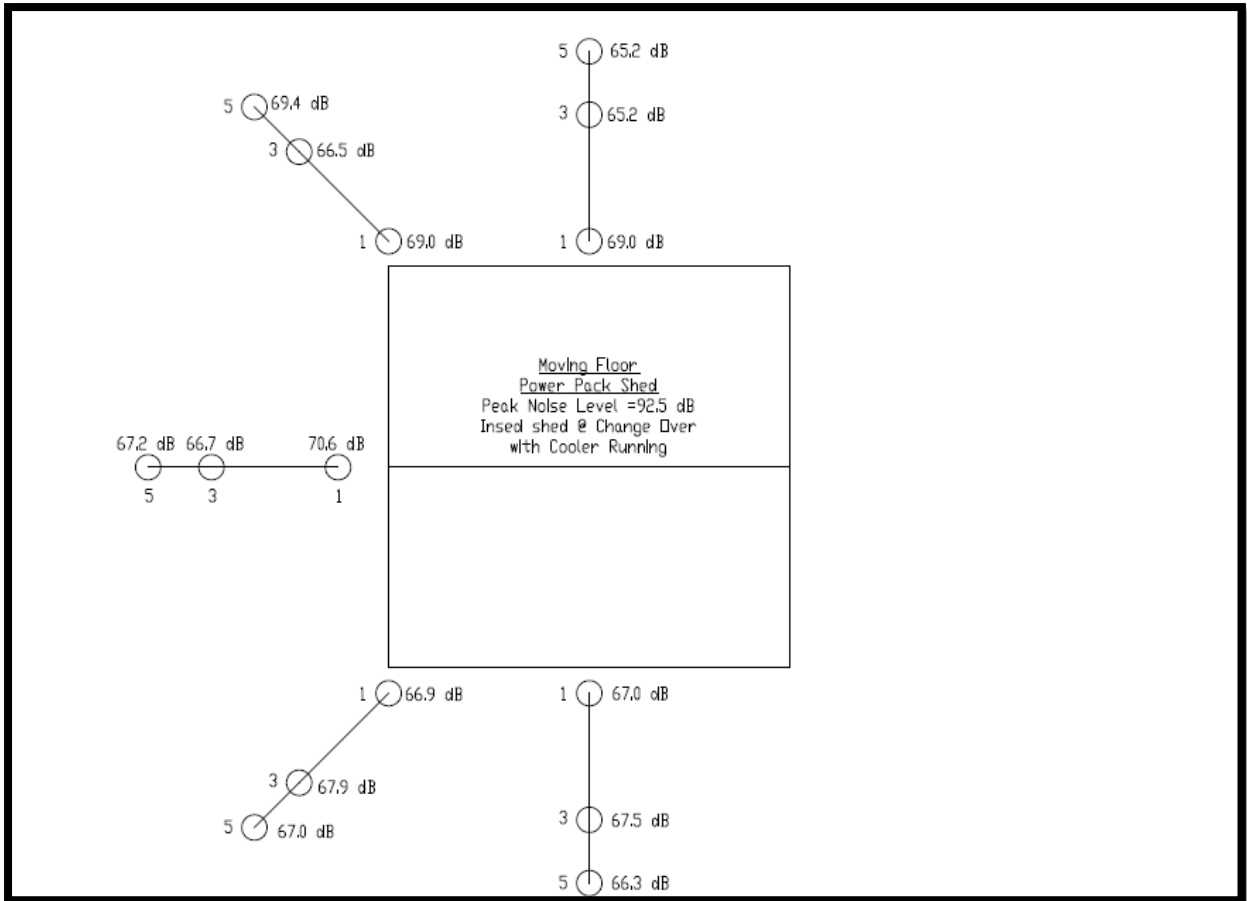


Fig 3: Sound Levels (dB) Moving Floor Power Pack

The Licence holder has also advised DWER that sorting equipment's will be removed from the site following the installation of the moving floors and the front end loader's operational time will be reduced by 80%. Given there will be a significant reduction in the noise emission levels when the moving floor will be in operation, the results of the 2015 noise modelling are still considered relevant for this operation and therefore no further monitoring is required. The site is likely to comply with the Noise Regulations allowable emission levels (refer to Table 4 below).

Table 4: Environmental Protection (Noise) Regulations 1997: Allowable noise emissions

Type of premises receiving noise	Time of day	Assigned level (dB)		
		L _A 10	L _A 1	L _A max
Noise sensitive premises at locations further than 15 metres from a building directly associated with a noise sensitive use	All hours	60	75	80
Commercial premises	All hours	60	75	80
Industrial and utility premises	All hours	65	80	90

Location and receptors

Table 5 below lists the relevant sensitive land uses in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 5: Receptors and distance from activity boundary

Residential and sensitive premises	Distance from the Prescribed Premises boundary
Residential premises	180 metres west
Residential premises	160 metres north

Table 6 below lists the relevant environmental receptors in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 6: Environmental receptors and distance from activity boundary

Environmental receptors	Distance from Prescribed Premises
Indian Ocean	2 km west
Soil type	Tamala Limestone- predominantly calcarenite
Conservation Category Wetland (Goegrup Lake)	1.3 km south east
Groundwater	10.5 metres below ground level Groundwater salinity 500-1000mg/L

Risk assessment

Table 7 and Table 8 below described 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

Table 4: Risk assessment for proposed amendments during construction

Risk Event						Consequence rating	Likelihood rating	Risk	Reasoning
Source/Activities		Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
Cat 62	Construction of infrastructure	Dust: associated with construction activities, Vehicle and equipment movements and Installation of moving (hydraulic) floors	Residences 180 metres west and 160 metres north	Air / wind dispersion	Health and amenity impacts	Minor	Unlikely	Medium	Fugitive dust emissions are not expected to significantly impact sensitive receptors from vehicle and equipment movement during the installation of the moving (hydraulic) floors which will be for a short duration. The Delegated Officer also considers that the provisions of Section 49 of the Environmental Protection Act 1986 are sufficient to regulate dust emissions during operation. The risk is considered low and does not require any further regulatory controls.
		Noise associated with construction activities, Vehicle and equipment movements and Installation of moving (hydraulic) floors	Residences 180 metres west and 160 metres north			Minor	Unlikely	Medium	The installation of the moving (hydraulic) floors will only be for a short period and is likely to be exempt under r.13 as a construction activity under the Environmental Protection (Noise) Regulations 1997. Regulation 13 states that, subject to a number of requirements being met, the prescribed standard for noise emissions as outlined in Regulation 7 does not apply to noise emitted from a construction site as a result of construction work carried-out between 0700 hours and 1900 hours on any day which is not a Sunday or public holiday. Any works on a Sunday or public holiday will need to comply with the prescribed

									<p>standard for noise emissions as outlined in Regulation 7 unless prior consent is given in accordance with Regulation 13(3).</p> <p>No additional regulatory controls will be included on the licence. The applicant has also confirmed that the installation process will include the use of a small crane, and a range of power tools (grinders, welders, pneumatic tools, etc), but all of these installation work will occur within the tipping shed and be of no more significance than the noise from traffic and front end loader use that normally occurs within the shed which will not be in operation during the installation time.</p>
	<p>Temporary storage of general waste from residential tippers</p>	<p>Odour</p>	<p>Residences 180 metres west and 160 metres north</p>	<p>Air / wind dispersion</p>	<p>Amenity and health impacts</p>	<p>Minor</p>	<p>Unlikely</p>	<p>Medium</p>	<p>Current licence conditions S8(a) and S8(b) ensures no waste remains in the waste transfer station for longer than 24hrs and the licensee is required to wash the area once every 7 days. The Delegated Officer also considers that the provisions of Section 49 of the Environmental Protection Act 1986 are sufficient to regulate odour emissions during operation; therefore the risk is considered medium and does not require any further regulatory controls. The waste from residential tippers that will be placed in the corner of the commercial tipping floor is considered to be dry in nature and therefore odour emission will not be an issue.</p>

		Leachate	<p>Groundwater with beneficial use 10.5 metres below ground level</p> <p>Indian Ocean 2 km west</p> <p>Goegrup Lake 1.3 km east</p>	Seepage or overland flow of leachate direct discharge via irrigation	Adverse impacts to groundwater quality, and subsequently groundwater dependent ecosystems	Minor	Unlikely	Medium	<p>Current licence conditions S5, S6 and W1 will be sufficient to regulate leachate controls onsite. Also the common pit will not be in use due to the moving floor installation works and therefore leachate will not be an issue.</p> <p>The waste from residential tippers that will be placed in the corner of the commercial tipping floor is considered to be dry in nature and will not generally generate leachate.</p>
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Table 8: Risk assessment for proposed amendments during operation

Risk Event						Consequenc e rating	Likelihood rating	Risk	Reasoning
Source/Activities		Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
Cat 62	Increased volumes of solid wastes stored at the Premises.	Dust	Residences 180 metres west and 160 metres north	Air / wind dispersion	Health and amenity impacts	Minor	Unlikely	Medium	Prevailing winds are southerly and will direct dust emissions towards residences. Based on no dust complaints received over the past four years, and controls implemented by Licence Holder. Current licence condition A1 requires the licensee to control dust from operational, transport activities, stockpiles and open areas. The Delegated Officer also considers that the provisions of Section 49 of the Environmental Protection Act 1986 are sufficient to regulate dust emissions during operation.
		Noise	Residences 180 metres west and 160 metres north	Air / wind dispersion	Amenity impacts	Minor	Unlikely	Medium	Based on no noise complaints received over the past four years; the reduction in the front end loader noise by approximately 80% following the installation of the moving floors, the noise emission from the moving floor power pack

Risk Event						Consequence rating	Likelihood rating	Risk	Reasoning
Source/Activities		Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
									and controls implemented by the Licence Holder. Furthermore current licence condition N1 ensures that the compactor is operated only between the hours of 7:00 and 19:00hrs, Monday to Saturday. The activities at the Premises will need to comply with the Environmental Protection (Noise) Regulations 1997. Any works on a Sunday or public holiday will need to comply with the prescribed standard for noise emissions as outlined in Regulation 7 unless prior consent is given in accordance with Regulation 13(3). No additional regulatory controls will be included on the licence.
		Odour	Residences 180 metres west and 160 metres north	Air / wind dispersion	Amenity and health impacts	Minor	Possible	Medium	Based on possibility that the premises could contribute to some odour complaints in the area, and controls implemented by the Licence Holder. Also current licence conditions S8(a) and S8(b) ensures no waste remains in the waste transfer station push pit for longer than 24hrs and the licensee is required to wash the pit once every 7 days. The Delegated Officer also considers that the provisions of Section 49 of the Environmental Protection Act 1986 are sufficient to regulate odour emissions during operation; therefore the risk is considered medium and does not require any further regulatory controls.
		Asbestos	Residences 180 metres west and 160 metres north	Air / wind dispersion	Health impacts	Severe	Rare	High	Based on acceptance of asbestos at the Premises, and controls implemented by the Licence Holder as well as current licence condition S2 which does not allow any asbestos waste to be accepted into

Risk Event						Consequence rating	Likelihood rating	Risk	Reasoning
Source/Activities		Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
									<i>the premises unless it is effectively wrapped to contain asbestos fibres.</i>
		Windblown waste	<i>Residences 180 metres west and 160 metres north</i>	<i>Air / wind dispersion</i>	<i>Amenity impacts</i>	<i>Slight</i>	<i>Possible</i>	<i>Low</i>	<i>Based on previous compliance inspections, and controls implemented by the Licence Holder. Licence conditions S11(a) and S11(b) also ensures that all windblown waste is contained within the premises. No further controls required.</i>
	<i>Moving floor operations</i>	Leachate	<i>Groundwater with beneficial use 10.5 metres below ground level</i> <i>Indian Ocean 2 km west</i> <i>Goegrup Lake 1.3 km east</i>	<i>Seepage or overland flow of leachate direct discharge via irrigation</i>	<i>Adverse impacts to groundwater quality, and subsequently groundwater dependent ecosystems</i>	<i>Minor</i>	<i>Unlikely</i>	<i>Medium</i>	<i>Based on distance to receptors, and controls implemented by Licence Holder where both moving floors will be contained within a fully sealed modular steel pit. The pit will capture any liquid/leachate from the waste and will gradually flow towards the compactor and the existing drainage system for the shed. The moving floors can also be washed and hosed down as and when required. Current licence conditions S5, S6 and W1 will be sufficient regulate leachate controls onsite.</i>
		Odour	<i>Residences 180 metres west and 160 metres north</i>	<i>Air</i>	<i>Amenity and health impacts</i>	<i>Minor</i>	<i>Possible</i>	<i>Medium</i>	<i>Prevailing winds are southerly and will direct odour emissions towards residences. Few odour complaints received relating to the area being attributable to the Premises, and controls implemented by the Licence Holder. The Delegated Officer also considers that the provisions of Section 49 of the Environmental Protection Act 1986 are sufficient to regulate odour emissions during operation; therefore the risk is considered low and does not require any further regulatory controls.</i>
		Dust	<i>Residences 180 metres west and 160 metres north</i>	<i>Air</i>	<i>Health and amenity impacts</i>	<i>Minor</i>	<i>Unlikely</i>	<i>Medium</i>	<i>Prevailing winds are southerly and will direct dust emissions towards residences. Based on no dust complaints received over the past four years, and controls</i>

Risk Event						Consequence rating	Likelihood rating	Risk	Reasoning
Source/Activities		Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts				
									implemented by Licence Holder. Current licence condition A1 requires the licensee to control dust from operational, transport activities, stockpiles and open areas. The Delegated Officer also considers that the provisions of Section 49 of the Environmental Protection Act 1986 are sufficient to regulate dust emissions during operation.
		Noise	Residences 180 metres west and 160 metres north	Air	Amenity impacts	Minor	Unlikely	Medium	Prevailing winds are southerly and will direct noise emissions towards residences. Based on no noise complaints received over the past four years; the reduction in the front end loader noise by approximately 80% following the installation of the moving floors, the noise emission from the moving floor power pack and controls implemented by the Licence Holder. Furthermore current licence condition N1 ensures that the compactor is operated only between the hours of 7:00 and 19:00hrs, Monday to Saturday. The activities at the Premises will need to comply with the Environmental Protection (Noise) Regulations 1997 (Noise Regulations). Any works on a Sunday or public holiday will need to comply with the prescribed standard for noise emissions as outlined in Regulation 7 unless prior consent is given in accordance with Regulation 13(3). No additional regulatory controls will be included on the works approval.

Decision

Throughput and waste storage

The Delegated Officer has determined that based on acceptable risk ratings for all potential emissions, the licence will be amended to permit 75,000 tonnes of waste to be accepted at the Premises per annual period. No additional waste types are proposed to be accepted at the Premises. Specific emission controls are discussed below.

Dust controls

The Delegated Officer considers that there is a medium risk of impacts from dust emissions from the proposed amendments, particularly due to the potential for increased stockpile sizes. However this risk is considered acceptable subject to regulatory controls.

The complaints history of the Premises indicates that there have been no dust complaints received by DWER in regards to the Premises.

The Licence Holder will also be subject to the general provisions of the EP Act.

Leachate controls

The Delegated Officer considers that there is a medium risk of impacts from leachate emissions from the proposed amendment. However this risk is considered acceptable subject to some regulatory controls.

The Delegated Officer has determined that current controls on the licence requiring hazardous wastes to be stored on bunded hardstand areas, green waste and inert waste to be stored on hardstand areas, stormwater to be directed away from storage areas, and limits on waste water emissions including monitoring are appropriate and necessary. The Delegated Officer has also noted that that putrescible wastes, waste oils and car batteries are stored within specific locations on the Premises to minimise the likelihood of leachate emissions from the premises. This control replicates the activities currently occurring at the Premises.

Noise controls

The Delegated Officer has determined that there is a medium risk of impacts from noise emissions from the use of the compactor at the Premises including Sunday operations. However this risk is considered acceptable subject to regulatory controls.

The complaints history of the Premises indicates that there have been no noise complaints in regards to the Premises in the last four years. Additionally, a proposed decrease in the number of grinding events per year may contribute to reduced noise emission impacts due to less frequent events.

Noise modelling provided by the Licence Holder demonstrates that the operation of the moving floors during the week and on weekends (both day and night) was likely to comply with the Noise Regulations.

The Delegated Officer has also noted that due to the moderate risk of noise emission impacts, the operation of the compactor on Sundays will be restricted to the hours of 9am to 4pm as required in the current Licence.

The Delegated Officer notes that permitting use of the compactor on a Sunday is likely to minimise potential odour emission impacts by reducing the time waste might be stored at the Premises.

Odour

The Delegated Officer considers that there is a medium risk of impacts from odour emissions from the proposed amendments. However this risk is considered acceptable subject to

regulatory controls.

The Delegated Officer has noted current licence conditions to minimise the likelihood of odour emission impacts which requires the licensee to ensure waste does not remain in the push pit for more than 24 hours and the pit is washed down at least once every seven days. The Licence Holder will also be subject to the general provisions of the EP Act.

Windblown waste controls

The Delegated Officer considers that there is a low risk of impacts from windblown waste emissions from the proposed amendment.

The Delegated Officer has also noted current licence conditions requiring windblown waste to be kept within the Premises, and covering transfer bins prior to leaving the Premises. The Licence Holder will also be subject to the general provisions of the EP Act. Therefore this risk is considered acceptable and will not be subject to further regulatory controls.

Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 25 September 2018. Comments received from the Licence Holder have been considered by the Delegated Officer as shown in Appendix 2.

Amendment

1. The Prescribed premises category of the Licence is amended by the deletion of the text shown in strikethrough and the insertion of the red text shown in underline below:

PRESCRIBED PREMISES CATEGORY

Schedule 1 of the Environmental Protection Regulations 1987

CATEGORY	DESCRIPTION	CAPACITY
62	<i>Solid waste depot: premises on which waste is sorted, or stored, pending final disposal or re-use.</i>	60,000 <u>75,000</u> tonnes per year <u>annual period</u>
57	<i>Used tyre storage (general): premises (other than premises within category 56) on which used tyres are stored.</i>	<i>Less than 300 tyres at any one time</i>

2. The Licence is amended by the insertion of condition G3 to G6 below.

Infrastructure and equipment

- G3 The Licence Holder must install and undertake the Works for the infrastructure and equipment:

specified in Column 1;

to the requirements specified in Column 2; and

at the location specified in Column 3 of Table 1 below.

- G4 The Licence Holder must not depart from the requirements specified in Column 2 of

table 1 except:

- a) where such departure does not increase risks to public health, public amenity or the environment; and
- b) all other Conditions in this Licence are still satisfied.

- G5 Subject to Condition G4, within 30 days of the completion of the Works specified in Column 1 of Table 1, the Licence Holder must provide to the CEO engineering certification from a suitably qualified professional confirming each item of infrastructure or component of infrastructure specified in Column 1 of Table 1 below has been constructed with no material defects and to the requirements specified in Column 2.
- G6 Where a departure from the requirements specified in Column 2 of Table 1 occurs and is of a type allowed by Condition G4, the Licence Holder must provide to the CEO a description of, and explanation for, the departure along with the certification required by Condition G5.

Table 1: Infrastructure and equipment requirements table

Column 1	Column 2	Column 3
Infrastructure/ Equipment	Requirements (design and construction)	Site plan reference
Moving Floor 1	<ul style="list-style-type: none"> Installed on the northern side of the push pit so that waste is self-propelled into the existing hopper and compaction system; 4 m in width; Hydraulic door for closing public moving floor; and Power pack supply (3 phase, 1200mm High 120 Amp, fitted with motor start circuit breaker with safety cage) 	Layout of infrastructure in figure 1
Moving floor 2	<ul style="list-style-type: none"> Installed on the western side of the residential tipping floor and feed perpendicularly into the main moving floor system; 2.5 m in width; Hydraulic ramp for Bobcat access; and Power pack supply (3 phase, 1600mm High 63 Amp, fitted with motor start circuit breaker with safety cage) 	Layout of infrastructure in figure 1
Resource recovery deck	<ul style="list-style-type: none"> 7.5m x 3m to allow for recovery of recyclable and re-usable materials 	Layout of infrastructure in figure 1

Appendix 1: Key documents

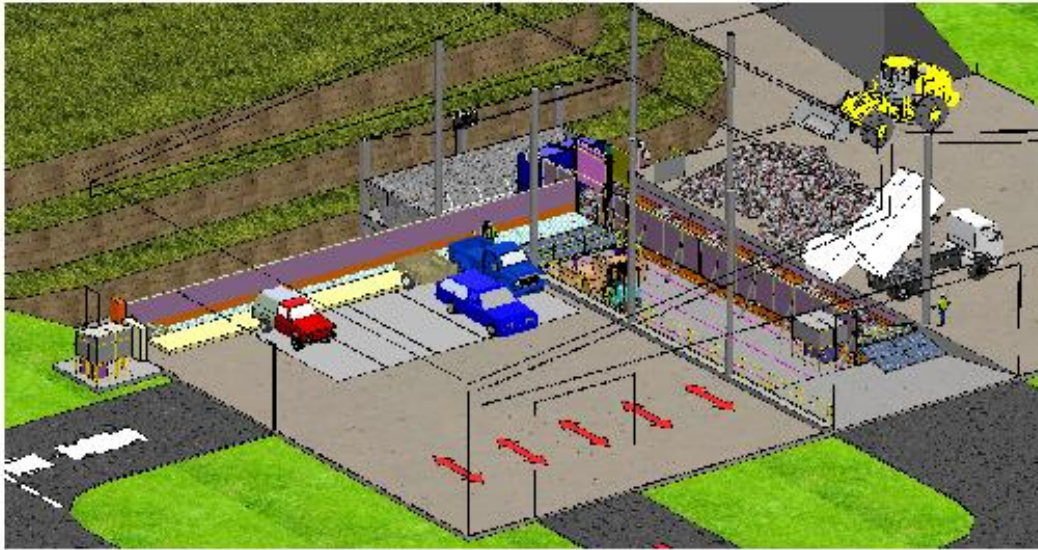
	Document title	Availability
1	Amendment Application Documentation	DWER records (A1688192)
3	L7200/1997/10 Cleanaway Pty Ltd Gordon Road Transfer Station	Accessed at www.dwer.wa.gov.au
4	Noise Report – Gordon Road Transfer Station	DWER records (A922680)

Appendix 2: Installation Methodology



"...engineering products & solutions for the recycling and waste industries..."

Mandurah Moving Floor – Installation Methodology



1. Prior to works commencing, complete site inductions, sign SWMS and supply all pre start documentation
2. Ensure work area is clear and made suitable for installation to commence
3. Unload equipment from semi-trailers
4. A Franna and Dogman will be required to assist in all unloading and positioning of equipment on site
5. Set up Commercial pit assembly jig
6. Proceed with welding out the commercial pit sections
7. Commence positioning the commercial pit floor sections starting at the point closest to the compactor
8. Complete all critical check measurements to ensure that the domestic pit will interface with the commercial pit correctly
9. Secure commercial pit to the ground and weld sections together
10. Install commercial/domestic pit dividing door
11. Install Domestic pit floor sections and weld each sections together
12. Install sorting platform
13. Position commercial, domestic and dividing door power packs
14. Route all hydraulic hosing and electrical cabling
15. Position control boxes
16. Test all functionality of equipment
17. Complete commissioning, training and sign off

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33 Wedgewood Road | PO Box 5094, Hallam, Vic 3803 | ABN: 52 059 404 152



Appendix 3: Summary of Licence Holder comments

The Licence Holder was provided with the draft Amendment Notice on 25 September 2018 for review and comment. Comments received from the Licence Holder have been considered by the Delegated Officer as shown below.

Condition	Summary of Licence Holder comment	DWER response
Licence Holder's Comments- page 19	Minor Typographical changes	Corrected
Condition G3-G6: Infrastructure and equipment- pages 19-20	Minor Typographical changes	Corrected
Condition G7	Listed in error	Condition removed
Table 1, Column 3	Minor Typographical changes	Corrected
Appendix 2	Appears twice	Removed