



Application for Licence Amendment

Part V Division 3 of the *Environmental Protection Act 1986*

Licence Number	L7344/1998/10
Licence Holder	Vancouver Waste Services Pty Ltd
ACN	135 344 357
File Number	DER2016/002256-1
Premises	Mindijup Road Multiple Use Facility Mindijup Road PALMDALE WA 6328 Legal description – Part of Lot 3 on Diagram 61867 and Lot 102 on Plan 22860 As defined by the coordinates in Schedule 2 of the Revised Licence
Date of Report	8 November 2020
Proposed Decision	Revised licence granted

Stephen Checker
MANAGER WASTE INDUSTRIES
INDUSTRY REGULATION

an officer delegated by the CEO under section 20 of the EP Act

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1. Decision summary

Licence L7344/1998/10 is held by Vancouver Waste Services Pty Ltd (Licence Holder) for the Mindijup Multiple Use Facility (the Premises), located on Part of Lot 3 on Diagram 61867 and Part of Lot 102 on Plan 22860, Mindijup Road, Palmdale.

This Amendment Report documents the assessment of potential risks to the environment and public health from proposed changes to the emissions and discharges during the operation of the Premises (in relation to proposed FOGO waste acceptance, handling, composting and storage). As a result of this assessment, Revised Licence L7344/1998/10 has been granted.

The volume of FOGO waste to accepted and composted at the Premises is limited to 400 tonnes per annum (tpa). This volume has been confirmed by the applicant on a number of occasions, however DWER notes that this volume is inconsistent with the feedback received from the City of Albany in relation to the waste volumes expected from their FOGO rollout (refer to Section 4). The department has limited the assessment to the scope as confirmed by the applicant (400 tpa) and notes that any proposed increase will require further amendment to this Licence.

The Revised Licence issued as a result of this amendment supersedes the existing Licence previously granted in relation to the Premises.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this Amendment Report, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Application summary

On 15 November 2019, the Licence Holder submitted an application to the department to amend Licence L7344/1998/10 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

- The acceptance, handling and composting of FOGO (Food Organic and Garden Organic) waste at the existing Mindijup Road Multiple Use Facility site.

FOGO is a mixed-source, single waste stream combining food organics with garden organics, domestically and commercially sourced. This waste stream may contain food (including meat, poultry and fish), kitchen and garden putrescibles, grass, leaves, plants, branches, tree trunks and stumps, vegetables, fruit and other food scraps.

This amendment is limited only to changes to Category 62 and 67A activities from the Existing Licence. No changes to the aspects of the existing Licence relating to Category 12, 37, 63 and 64 have been requested by the Licence Holder.

Process overview:

The Licence Holder has estimated that a sealed compactor trailer of decontaminated FOGO waste filled at the John St Solid Waste Depot will be driven to the Mindijup Multiple Use Facility every 48 hours (or prior to, if full), Monday to Friday every week. The FOGO waste material will be unloaded onto the existing 7,500m² compacted gravel composting pad (as highlighted in Figure 1) where it will be examined by a worker onsite to check for any residual contamination. Any remaining non-conforming waste will be disposed of in on-site general waste bins.

The FOGO waste will then be pushed to form windrows to start the composting process. The Licence Holder has advised that composting will be conducted in accordance with AS4454-2003. These requirements have been carried into the conditions of the Licence.

The Licence Holder has not proposed to construct any new on-site infrastructure or equipment in relation to this amendment.



Figure 1: FOGO receival and composting area highlighted in red. Retention dam highlighted in blue.

2.3 Administrative Changes to Licence

As part of this amendment package, the department has implemented a number of administrative changes to Licence L7344/1998/10. The department has not undertaken any additional risk assessment of the Premises related to these administrative changes.

In updating the Licence, the CEO has:

- revised Licence condition's numbers, and removed any redundant conditions and realigned condition numbers for numerical consistency; and
- corrected clerical mistakes and unintentional errors.

The full update to Licence conditions as they relate to this Revised Licence are detailed in Section 5.1.

3. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the *Guidance Statement: Risk Assessments* (DER 2017).

To establish a Risk Event there must be an emission, a receptor which may be exposed to that emission through an identified actual or likely pathway, and a potential adverse effect to the receptor from exposure to that emission.

3.1 Source-pathways and receptors

3.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premises operation which have been considered in this Amendment Report are detailed in Table 1 below. Table 1 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 1: Licence Holder Controls

Emission	Sources	Potential pathways	Proposed controls
Odour	Unloading, storage and composting of FOGO waste	Air/windborne pathway	Odour management control best practice methods will be employed as per AS4454-2003. FOGO waste stream only to be accepted from City of Albany household bin collection contractors. Premises is only to accept up to 400 tonnes of FOGO waste per annual period.
Noise			No additional controls proposed.
Dust (including bioaerosols)			No additional controls proposed.
Smoke from fire			No additional controls proposed.
Vectors/vermin		Attraction and harbouring of pests which may impact health and amenity of closest sensitive receptors	No additional controls proposed.

Emission	Sources	Potential pathways	Proposed controls
Leachate		Seepage to soils and groundwater	<p>All FOGO materials to be unloaded onto the existing 7,500m² compacted gravel composting pad as highlighted in Figure 1.</p> <p>No changes proposed for existing leachate catchment method into the retention pond as highlighted in Figure 1.</p>
Contamination/health impacts from compost product	Sale of final compost product to public, handling and application to land	<p>Private and commercial compost users becoming exposed to contaminants (e.g. pathogens and metals) in poor quality products.</p> <p>Discharge of contaminants to land through application of contaminated products.</p>	<p>Compliance with AS4454-2003.</p> <p>The windrows will be turned in a north/south direction at least 8 times to ensure all material is exposed to at least 55°C for 4 consecutive days and for at least 30 days during the compost period.</p> <p>Liquid will be added to the compost material to ensure a 40-60% moisture content. Moisture content will be measured using the “squeeze” method every second day during composting process.</p> <p>Final composted product will achieve correct C:N ratio.</p> <p>Compost will be temperature checked and recorded every second day during composting process.</p> <p>A sample of every final compost product will be sampled for laboratory analysis prior to being made available for sale to the public.</p>

Key Findings:

- 1) The FOGO waste stream (including meat, poultry and fish) has the potential to be highly odorous and produce large amounts of contaminated leachate.
- 2) A detailed odour analysis following DWER's *Guideline: Odour Emissions* (the odour guideline) was not undertaken by the Licence Holder for this proposal based on their assumption that 'that there will be no increase in odour emissions'. DWER's assessment has noted that the acceptance of FOGO materials at the premises has the potential to increase odour emissions.

The assessment has also identified a sensitive receptor at approximately 650m south-west from the FOGO receival area. This is less than the odour guidelines screening distance of 1,300m for up to 12,000 tpa for a category 67A compost manufacturer and triggers a detailed odour analysis to be completed when correctly following the procedures in the odour guideline.

As the proposed acceptance volume of FOGO waste is limited to a relatively low volume of 400 tpa in combination with the Licence Holder's proposed controls, the Delegated Officer considers the absence of a detailed odour assessment reasonable. Should the Licence Holder request an amendment to increase the FOGO or other putrescible waste waste acceptance at this premises, then a detailed odour assessment in accordance with the odour guideline is likely required.

- 3) The Licence Holder has not proposed any additional controls for leachate and intends to use the composting pad and retention pond already approved under L7344/1998/10 for leachate control.
- 4) The application details that all composting onsite is carried out as per AS 4454-2003 (note: this document has been superseded with AS 4454-2012). The Delegated Officer considers that the aspects of AS 4454 which are most relevant to the assessment of risk (pasteurisation and contaminant levels) are important considerations and may be implemented through regulatory controls in the Revised Licence.

3.1.2 Receptors

In accordance with the *Guidance Statement: Risk Assessment* (DER 2017), the Delegated Officer has excluded employees, visitors and contractors of the Licence Holder's from its assessment. Protection of these parties often involves different exposure risks and prevention strategies and is provided for under other state legislation.

Table 2 below provides a summary of potential human and environmental receptors that may be impacted as a result of activities upon or emission and discharges from the prescribed Premises (*Guidance Statement: Environmental Siting* (DER 2016)).

Table 2: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
TT Sand – silica sand mine (Licence L6798/1993/11)	Licensed premises located on the south-east border of the proposed FOGO receival area.

713 Mindijup Rd, Palmdale (Lot 5)	Approx. 600m south-west of the proposed FOGO receival area.
Environmental receptors	Distance from prescribed activity
Underlying Groundwater	<p>According to the Licence Holder, the regional groundwater table is at least 12mbgl but varies significantly. Monitoring of standing water level in 2017 and 2018 indicated depths to groundwater between 16 and 31mbgl. The Licence Holder has reported that groundwater flows steadily from south to the north.</p> <p>The groundwater salinity is mapped at 1,000 – 3,000 mg/L classified as some beneficial use – suitable for livestock.</p> <p>No bores are located within 1km of the Premises (based on available GIS dataset – WIN groundwater sites).</p>
Major watercourses/waterbodies	The Kalgan River is approximately 150m from western boundary of the Premises.
Public drinking water source areas	The Premises is not located within a public drinking water source area or catchment area. There are no drinking water source or catchment areas within 2km of the Premises.
Department of Biodiversity Conservation and Attractions managed lands and waters	Nature Reserve located approximately 1.8km from the eastern boundary of the premises
Threatened/Priority Flora	None within 2km of the Premises
Threatened/Priority Fauna	None within 2km of the Premises

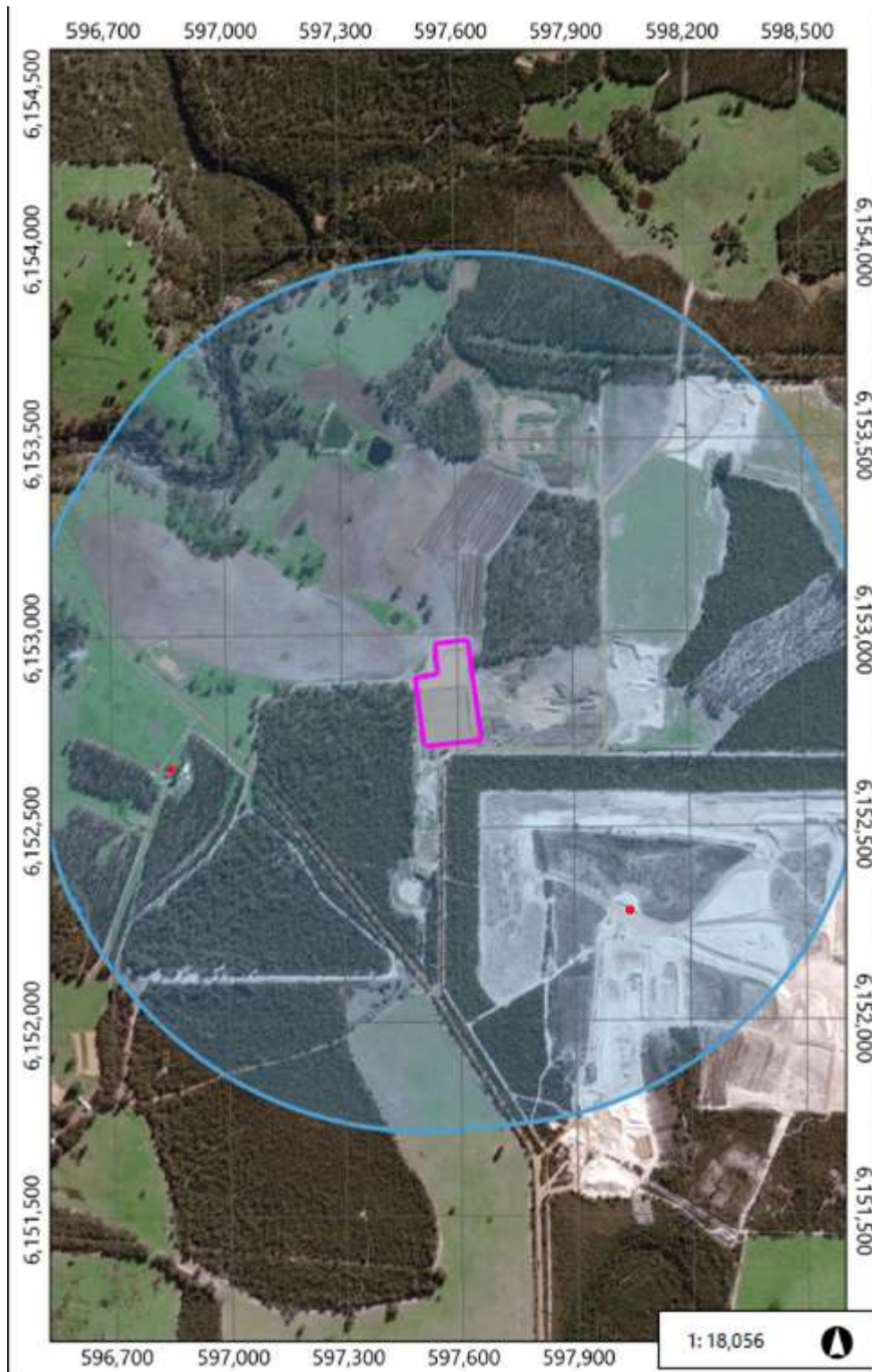


Figure 2: Proximity of sensitive receptors to the proposed FOGO receival area.
Pink border marks the existing composting pad and retention dam. The blue circle depicts a 1km buffer distance from the related operational area and the red dots indicate the sensitive receptors

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guidance Statement: Risk Assessments* (DER 2017) for those emission sources which are proposed to change and takes into account potential source-pathway and receptor linkages as identified in Section 3.1. Where linkages are in-complete they have not been considered further in the risk assessment.

Where the Licence Holder has proposed mitigation measures/controls (as detailed in Section 3.1), these have been considered when determining the final risk rating. Where the Delegated Officer considers the Licence Holder's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the Licence as regulatory controls.

Additional regulatory controls may be imposed where the Licence Holder's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 3.

The Revised Licence L7344/1998/10 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. the existing licensed activities and the proposed unloading, storage and composting of 400 tonnes per annual period of FOGO waste materials.

The conditions in the Revised Licence have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

Table 3: Risk assessment of potential emissions and discharges from the Premises during operation

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of Licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
Operation								
Truck unloading, handling/sorting, storage and composting of FOGO waste materials	Odour	Air/windborne pathway causing impacts to health and amenity.	Nearest rural dwelling approx. 600 m south-west from proposed FOGO receival area.	Refer to Table 1	C = Moderate L = Possible Medium Risk	Yes	Condition 4 Table 2 (o) (p) (u) (x)	Conditions added to Licence as per Licence Holders proposed controls.
	Noise associated with machinery operation				C = Minor L = Rare Low Risk	Yes	No additional controls proposed	Premises operations are subject to the <i>Environmental Protection (Noise) Regulations 1997</i> .
	Dust (including bioaerosols)				C = Minor L = Rare Low Risk	Yes	Condition 4 Table 2 (w)	Conditions added to Licence as per Licence Holders proposed controls.
	Smoke from fire				C = Moderate L = Unlikely Medium Risk	Partially	Condition 4 Table 2 (r) (s) (w) Condition 10 (existing)	The Delegated Officer considers the addition of regulatory control appropriate in maintaining an adequate separation distance between compost windrows will allow the Licence Holder to access and extinguish any fires should they occur.

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of Licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
	Vectors/vermin	Attraction and harbouring of pests which may act as vectors for pathogens, potentially causing health and amenity impacts to closest sensitive receptors.			C = Minor L = Possible Medium Risk	Yes	No additional controls proposed	Premises is subject to the general provisions of the EP Act. Premises is subject to the relevant provisions of the <i>City of Albany Health Local Laws 2001</i>
	Leachate	Overland runoff potentially causing ecosystem disturbance or via seepage (infiltration) impacting underlying groundwater. Potential for impacted groundwater to migrate off-site and impact down-gradient groundwater users.	Beneficial users of groundwater Soil, groundwater Kalgan River		C = Moderate L = Possible Medium Risk	Yes	Condition 4 Table 2 (p) (a) Condition 9 Table 7 (existing)	FOGO wastes commonly contain chemical, physical and biological contaminants and generally present a higher risk of contamination than composts produced from pure green waste. The Delegated Officer considers the re-use of FOGO waste leachate water during the composting process may not expose the leachate to sufficient pasteurisation and may re-contaminate the final product. This moisture source is only to be used prior to the start of the composting process.
Sale of final compost product to public	Contamination or not 'fit for purpose' compost product	Private and commercial users becoming exposed to contaminants (e.g. pathogens and metals) in unsuitable compost products.	Any user of the composted product Any receiving environment of the composted product		C = Moderate L = Possible Medium Risk	Yes	Condition 4,5,6,7,38,39 Table 2,3,4,5,18	Conditions added to Licence as per Licence Holders proposed controls.

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of Licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
		Discharge of contaminants to land by application of unsuitable compost products.						

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guidance Statement: Risk Assessments* (DER 2017).

Note 2: Proposed Licence Holder's controls are depicted by standard text. **Bold and underline text** depicts additional regulatory controls imposed by department.

4. Consultation

Table 4 provides a summary of the consultation undertaken by the department.

Table 4: Consultation

Consultation method	Comments received	Department response						
<p>Local Government Authority - City of Albany advised of proposal on 15 June 2020</p>	<p>City of Albany Waste Services have estimated that their household bin collection contractors are proposing to deliver up to approximately 4000 tonnes of FOGO waste per annual period to the John St Solid Waste Depot. Once decontaminated, all FOGO materials are proposed to then be transported to the Mindijup Multiple Use Facility for composting.</p> <p>This proposed annual tonnage of FOGO waste is based on data from Albany's 2018-19 Waste Census:</p> <table border="1" data-bbox="512 860 956 1173"> <tbody> <tr> <td data-bbox="512 860 775 949">2018-19 Kerbside Garden Organics</td> <td data-bbox="775 860 956 949">1,716T</td> </tr> <tr> <td data-bbox="512 949 775 1084">2018-19 Kerbside Mixed General Waste x 30%*</td> <td data-bbox="775 949 956 1084">6637 x 30 % = 1,991T</td> </tr> <tr> <td data-bbox="512 1084 775 1173">TOTAL ESTIMATED FOGO WASTE</td> <td data-bbox="775 1084 956 1173">3,707T</td> </tr> </tbody> </table> <p>* Visual audits in 2018 found that organic garden and food waste composed approximately 30% of waste in Albany residential general waste bins.</p> <p>It has also been advised that the proposed FOGO waste bin will be collected from approximately 15,352 households within the City of Albany's urban residential collection area on a fortnightly basis.</p> <p>(Correspondence received on 06/07/2020 HPCM DWERDT308590)</p> <hr/> <p>City of Albany Planning Services has provided the current planning approval (P295102) for composting activities at the Mindijup Multiple Use Facility</p> <p>(Correspondence received on 25/08/2020 HPCM DWERDT327242)</p>	2018-19 Kerbside Garden Organics	1,716T	2018-19 Kerbside Mixed General Waste x 30%*	6637 x 30 % = 1,991T	TOTAL ESTIMATED FOGO WASTE	3,707T	<p>The Delegated Officer has based this assessment on the submitted application which was for approval of the acceptance of a maximum of 400 tonnes of FOGO waste per annual period. Therefore, the risk assessment and controls considered has been reflective of this amount. Any increase in this amount will alter the risk assessment and require a greater level of regulatory control.</p>
2018-19 Kerbside Garden Organics	1,716T							
2018-19 Kerbside Mixed General Waste x 30%*	6637 x 30 % = 1,991T							
TOTAL ESTIMATED FOGO WASTE	3,707T							
<p>Licence Holder was provided with draft amendment on 29/09/2020</p>	<p>Licence Holder acknowledged drafts and provided no further comments.</p> <p>(HPCM DWERDT358822)</p>	<p>N/A</p>						

5. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that a Revised Licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

5.1 Summary of amendments

Table 5 provides a summary of the proposed amendments and will act as record of implemented changes. All proposed changes have been incorporated into the Revised Licence as part of the amendment process.

Table 5: Consolidation of Licence conditions in this amendment

Existing condition	Condition summary	Revised Licence condition	Conversion notes
-	-	-	Replacement of phrase "Licensee" with "Licence Holder" throughout Licence
1.1.1 1.1.2	Interpretation and definitions	N/A Interpretation section, Table 23: Definitions	Redundant condition. Revised to current licensing format.
1.1.1	Australian or other standard	Interpretation section	Redundant condition. Revised to current licensing format.
1.1.2	Reference to code of practice	Interpretation section	Redundant condition. Revised to current licensing format.
1.1.3	Emissions	Interpretation section	Redundant condition. Revised to current licensing format.
1.2.1	Pollution control and monitoring equipment	N/A	Redundant condition. Adequately covered by alternative existing conditions. Deleted from Licence.
1.2.2	Recovery and removal of spills	N/A	Redundant condition. Adequately covered by EP (Unauthorised Discharges) Regulations 2004. Deleted from Licence.
1.2.3	Stormwater management	Condition 1	No change.
1.2.4	Permanent marker maintenance	Condition 2	No change.
1.3.1	Record and investigate exceedances of limits or targets	N/A	Redundant condition. Deleted from Licence. Adequately covered by alternative existing conditions. Deleted from Licence.
1.3.2 Table 1.3.1	Waste acceptance	Condition 3 Table 1	Revised table reference numbering. Addition of FOGO waste type, quantity and acceptance specification.

Existing condition	Condition summary	Revised Licence condition	Conversion notes
1.3.3 Table 1.3.2	Waste processing	Condition 4 Table 2	Revised table reference numbering. Addition of FOGO waste into the composting process stream. Licence Holders proposed controls added.
-	-	Condition 5	New condition added to Licence in accordance with Licence holders proposed controls – requiring pasteurisation of composted products containing FOGO (AS 4454)
-	-	Condition 6 Table 3 Table 4 Table 5	New condition added to Licence in accordance with Licence holders proposed controls – Maximum chemical, physical and biological contaminant concentrations (AS 4454)
-	-	Condition 7	New condition added to Licence to ensure monitoring results of final compost are verified prior to release of composted product.
1.3.4 Table 1.3.3	Cover requirements	Condition 8 Table 6	No change.
1.3.5 Table 1.3.4	Containment infrastructure	Condition 9 Table 7	Revised table reference numbering. Addition of FOGO waste to be included as a waste material accepted on the composting hardstand area.
1.3.6	Fire control	Condition 10	Revised condition reference numbering.
1.3.7	Security measures	Condition 11	No change.
1.3.8	Main gate contact details	Condition 12	No change.
1.3.9 Table 1.3.5	Management plans	Condition 13 Table 8	Revised table reference numbering.
1.3.10 Table 1.3.5	Infrastructure and equipment	Condition 14 Table 9	Revised table reference numbering.
1.4.1	Surface water controls	Condition 15	No change.
1.5.1	Construction works	Condition 16	Revised table reference numbering.
1.5.2	Departure from requirements	Condition 17	Revised table reference numbering.
Table 1.5.1	Infrastructure and requirements	Table 10	Revised table reference numbering.

Existing condition	Condition summary	Revised Licence condition	Conversion notes
1.5.3	Departure reporting requirement	Condition 18	Revised table and condition reference numbering.
1.5.4	Construction Quality Assurance Report	Condition 19	Revised table reference numbering.
1.5.5	Report requirements detail	Condition 20	Revised table and condition reference numbering.
1.6.1 Table 1.6.1	Geosynthetic Clay Liner construction quality assurance	Condition 21 Table 11	Revised table reference numbering.
1.6.2 Table 1.6.2	High Density Polyethylene membrane construction quality assurance	Condition 22 Table 12	Revised table reference numbering.
1.6.3 Table 1.6.3	Cushion geotextile layer construction quality assurance	Condition 23 Table 13	Revised table reference numbering.
1.6.4 Table 1.6.4	Separation geotextile construction quality assurance	Condition 24 Table 14	Revised table reference numbering.
1.6.5	NATA accredited laboratory testing	Condition 25	No change.
1.6.6	Construction Quality Assurance Validation Report	Condition 26	Revised table reference numbering.
1.6.7	Report requirements detail	Condition 27	Revised condition and table reference numbering.
1.6.8	Bore installation reporting requirements	Condition 28	Revised table reference numbering.
1.7.1	Capping plan reporting requirements	Condition 29	No change.
1.7.2	Reporting requirements detail	Condition 30	Revised condition reference numbering
2.1.1	Record and investigate exceedances of limits or targets	N/A	Redundant condition. Deleted from Licence. Adequately covered by alternative existing conditions. Deleted from Licence.
2.2.1 Table 2.2.1	Emission points to air	Condition 31 Table 15	Revised table reference numbering.
3.1.1	Compost sampling	Condition 32	No change.
3.1.2	Monitoring timing	Condition 33	No change.

Existing condition	Condition summary	Revised Licence condition	Conversion notes
3.1.3	Monitoring equipment calibration	Condition 34	No change.
3.1.4	Calibration reporting	Condition 35	No change.
3.2.1 Table 3.2.1	Monitoring of inputs and outputs	Condition 36 Table 16	Revised table reference numbering.
3.3.1 Table 3.3.1	Process monitoring	Condition 37 Table 17	Revised table reference numbering.
-	-	Condition 38 Table 18	New condition added to Licence in accordance with Licence Holders proposed controls - ensures the Licence Holder conducts specified monitoring on the composting process and final composting product (AS 4454).
-	-	Condition 39	New condition added to Licence requiring compost products to be tested by laboratories with current NATA accreditation where applicable.
3.4.1 Table 3.4.1	Ambient groundwater monitoring	Condition 40 Table 19	Revised table and condition reference numbering.
4.1.1 Table 4.1.1	Improvement program	Condition 41 Table 20	Revised table reference numbering.
5.1.1	Records	Condition 42	Revised condition reference numbering.
5.1.2	Premises occupier responsibilities	Condition 43	No change.
5.1.3	Annual Audit Compliance Report	Condition 44	No change.
5.1.4	Complaints management	Condition 45	No change
5.2.1 Table 5.2.1	Annual Environmental Report	Condition 46 Table 21	Revised table reference numbering. Addition to table requiring a composting product monitoring summary to be included in the AER submission.
5.3.1 Table 5.3.1	Notification requirements	Condition 47 Table 22	Revised table and condition reference numbering. Addition of standard Licence notification requirement for any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution.

Existing condition	Condition summary	Revised Licence condition	Conversion notes
Schedule 1: Maps	Premises map Char production schematic Composting infrastructure schematic	Figure 1 Figure 2 Figure 3	No change
Schedule 2: Premises boundary	Table 2: Premises boundary coordinates	Table 24	No change
Schedule 3: Works	Table 3: Authorised works	Table 25	No change
Schedule 4: Design drawings	Sediment and Erosion Control Layout Plan Sediment and Erosion Control Details Plan Roadworks and Drainage Layout Plan Landfill Cells Earthworks Layout Plan Cell 1 - Top of Waste Surface Plan Cell 2 - Top of Waste Surface Plan Approximate Landfill Liner Plan Anchor Trench Details Plan Leachate Collection Layout Plan Leachate Details Plan 1 Leachate Details Plan 2 Leachate Pond Layout Plan Fence Layout Plan Groundwater Monitoring Bore Network	Figure 4 Figure 5 Figure 6 Figure 7 Figure 8 Figure 9 Figure 10 Figure 11 Figure 12 Figure 13 Figure 14 Figure 15 Figure 16 Figure 17	Revised condition reference numbering.
-	-	Schedule 5: N1 form	Updated N1 form added into Licence

References

1. DER July 2015. *Guidance Statement: Regulatory principles*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
2. DER, October 2015. *Guidance Statement: Setting conditions*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
3. DER, August 2016. *Guidance Statement: Licence duration*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
4. DER, November 2016. *Guidance Statement: Environmental Siting*, Perth, Western Australia.
5. DER, February 2017. *Guidance Statement: Risk Assessments*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
6. DWER, June 2019. *Guideline: Decision Making*. Department of Water and Environmental Regulation, Perth. Accessed at www.dwer.wa.gov.au
7. DWER, June 2019. *Guideline: Industry Regulation Guide to Licensing*. Department of Water and Environmental Regulation, Perth. Accessed at www.dwer.wa.gov.au
8. DWER, June 2019. *Guideline: Odour emissions*. Department of Water and Environmental Regulation, Perth. Accessed at www.dwer.wa.gov.au
9. DWER, May 2020 for external consultation. *Guideline: Better practice composting*, Department of Water and Environmental Regulation, Perth. Accessed at www.dwer.wa.gov.au

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY (as updated from validation checklist)				
Application type				
Works approval	<input type="checkbox"/>			
Licence	<input checked="" type="checkbox"/>	Relevant works approval number:		None <input type="checkbox"/>
		Has the works approval been complied with?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Has time limited operations under the works approval demonstrated acceptable operations?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
		Environmental Compliance Report / Critical Containment Infrastructure Report submitted?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Date Report received:		
Renewal	<input type="checkbox"/>	Current licence number:		
Amendment to works approval	<input type="checkbox"/>	Current works approval number:		
Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L7344/1998/10	
		Relevant works approval number:	N/A	<input checked="" type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:	None	<input type="checkbox"/>
Date application received	15 November 2019			
Applicant and Premises details				
Applicant name/s (full legal name/s)	Vancouver Waste Services Pty Ltd			
Premises name	Mindijup Road Multiple Use Facility			
Premises location	Part of Lot 3 on Diagram 61867 and part of Lot 102 on Plan 22860 Mindijup Road, within co-ordinates (MGA Zone 50) E597577, N6153749; E599498, N6153643; E597162, N6152577; E597988, N6153695; E599520, N6152676; E597170, N6153340; E599067, N6153677; E597558, N6152697; E597244, N6153638; E599067, N6153648; E597552, N6152085; PALMDALE WA 6328			
Local Government Authority	City of Albany			
Application documents				
HPCM file reference number:	DER2016/002256-1			
Key application documents (additional to application form):	Odour Screening Analysis (HPCM DWERDT275489) Additional Application Information (HPCM A1869407)			

Scope of application/assessment		
Summary of proposed activities or changes to existing operations.	Licence L7344/1998/10 amendment to Category 62 and 67A. The proposed handling and composting of approximately 400 tonnes per annual period of pre-sorted Food Organics Garden Organics (FOGO) materials.	
Category number/s (activities that cause the premises to become prescribed premises) Table 1: Prescribed premises categories		
Prescribed premises category and description	Assessed production or design capacity	Proposed changes to the production or design capacity (amendments only)
Category 37: Char manufacturing: premises on which wood, carbon material or coal is charred to produce a fuel or material of a carbonaceous nature or of enriched carbon content.	4 000 tonnes per annual period	No addition/change
Category 62: Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use.	17 000 tonnes per annual period	No addition/change
Category 63: Class I inert landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer and as amended from time to time) is accepted for burial.	5 500 tonnes per annual period	No addition/change
Category 67A: Compost manufacturing and soil blending: premises on which organic material (excluding silage) or waste is stored pending processing, mixing, drying or composting to produce commercial quantities of compost or blended soils.	1 000 tonnes per annual period	No addition/change
Legislative context and other approvals		
Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?	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"/>
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:

Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Reference No:
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Certificate of title <input checked="" type="checkbox"/> HPCM A1710191 General lease <input type="checkbox"/> Expiry: Mining lease / tenement <input type="checkbox"/> Expiry: Other evidence <input type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Approval: <u>City of Albany Planning Approval - P295102 (13/11/2009)</u> <u>HPCM DWERDT327242</u> Expiry date: N/A If N/A explain why?
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	CPS No: N/A No clearing is proposed.
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Application reference No: N/A Licence/permit No: N/A No clearing is proposed.
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Application reference No: Licence/permit No: Licence / permit not required.
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Type: Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Regional office:
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Priority: P1 / P2 / P3 / <u>N/A</u> Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

<p>Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx</i>)</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>Is the Premises within an Environmental Protection Policy (EPP) Area?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>Is the Premises subject to any EPP requirements?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i>?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Classification: N/A Date of classification: N/A</p>