



Application for Works Approval

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

Works Approval Number	W6565/2021/1
Applicant	City of Albany
ABN	94 717 875 167
File number	DER2021/000215
Premises	Bakers Junction Waste Management Facility 1206 Chester Pass Road KALGAN WA 6330 Legal description: Lot 7190 on Deposited Plan 175897 As defined by the premises maps attached to the issued works approval
Date of report	23 July 2021
Decision	Works approval granted

Steve Checker

**MANAGER WASTE INDUSTRIES
INDUSTRY REGULATION**

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

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1. Decision summary

This decision report documents the assessment of potential risks to the environment and public health from emissions and discharges during the construction and operation of the premises. As a result of this assessment, works approval W6565/2021/1 has been granted.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this decision report, the Department of Water and Environmental Regulation (the department; DWER) 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 and overview of premises

On 1 April 2021 the applicant submitted an application for a works approval to the department under section 54 of the *Environmental Protection Act 1986* (EP Act).

The premises relates to the category and assessed design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6565/2021/1. The infrastructure and equipment relating to the premises category and any associated activities which the department has considered in line with *Guideline: Risk Assessments* (DWER 2020) are outlined in works approval W6565/2021/1.

Premises overview:

The City of Albany (the applicant) currently holds Licence L7048/1997/11 to operate a category 64 – Class II putrescible landfill site at the Bakers Junction Waste Management Facility (the premises) located at 1206 Chester Pass Road within the suburb of Kalgan. This site commenced landfilling operations in the 1980's and is currently licensed to accept up to 50,000 tonnes of various domestic and commercial waste per annum.

Application and process overview:

The applicant is commencing a Food Organics Garden Organics (FOGO) collection service within their current residential kerbside bin collection program. This program currently services approximately 15,370 households within the City of Albany's geographical boundary.

This works approval application proposes to construct a hardstand, drainage infrastructure and a detention basin to facilitate the operation of a category 62 – solid waste depot. The applicant has proposed to initially install 600m² of the asphalt hardstand with associated infrastructure and commence operations to determine if this hardstand is sufficiently sized to accommodate FOGO decontamination operations. If the hardstand is determined to be undersized, a further 400m² of asphalt hardstand is proposed to be installed. If the total 1000m² is again determined to be undersized, a final 1000m² asphalt hardstand addition is to be installed. This staged installation has been incorporated into the works approval.

Proposed operations include the receipt, decontamination and temporary storage of FOGO waste materials at the premises. The applicant has applied to accept up to 4,500 tonnes of FOGO waste per annual period. Incoming and outgoing FOGO waste will be weighed via an existing weighbridge located at the entrance to the premises.

FOGO collections will be conducted weekly during the summer period (mid-December to mid-February) and fortnightly during other periods. This will equate to 4 compactor truck loads during the summer/peak season and 2 compactor truck loads during other periods being delivered daily to the premises. FOGO will be unloaded on the newly constructed hardstand where facility staff will undergo decontamination by inspecting and separating any non-organic and non-conforming waste from the FOGO by hand or by using machinery. All separated non-conforming waste will be disposed in the onsite landfill daily. Once FOGO waste has been decontaminated, it will be loaded into suitable waste transfer vehicles and transported to the Mindijup Road Multiple Use Facility for compost processing in accordance with this facility's licence.

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 *Guideline: Risk Assessments* (DWER 2020).

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 construction and operation which have been considered in this decision report are detailed in

Table 1 below.

Table 1 also details the proposed control measures the applicant has proposed to assist in controlling these emissions, where necessary.

Table 1: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Vehicle movements Earthworks	Air/windborne pathway	Maximum 10km/h speed limit on gravel access tracks. Water trucks retained onsite for dust suppression if required.
Noise	Vehicle movements Earthworks	Air/windborne pathway	Onsite operations limited to 7am-6pm weekdays.
Operation			
Dust	Vehicle movements Truck unloading and sorting of FOGO waste materials	Air/windborne pathway	Maximum 10km/h speed limit on gravel access tracks. Onsite water trucks used for dust suppression if required.
Noise	Vehicle movements Truck unloading of FOGO waste	Air/windborne pathway	Onsite operations limited to 7am-6pm weekdays.

Emission	Sources	Potential pathways	Proposed controls
	materials		
Odour	Truck unloading, handling/sorting and storage of FOGO waste materials	Air/windborne pathway	<p>All FOGO waste to be transported in enclosed compactor trucks.</p> <p>Addition of 50mm of shredded greenwaste on top of FOGO stockpiles if found to be highly odorous.</p> <p>City of Albany waste personnel to monitor odour emissions on a monthly basis.</p> <p>FOGO Waste will be held onsite no longer than 72 hours prior to being moved offsite for processing.</p>
Smoke from fire	Storage of FOGO waste materials	Air/windborne pathway	<p>FOGO Waste will be held onsite no longer than 72 hours prior to being moved offsite for processing.</p> <p>FOGO Waste stockpiles to be no greater than 5m high, 50m long and 10m wide.</p> <p>Where practicable, ensuring piles of FOGO Waste are orientated perpendicular to the direction of prevailing summer winds.</p> <p>Locating piles of FOGO Waste away from ignition sources.</p> <p>Ensuring stockpiles of FOGO Waste are small and are kept moist in warmer weather.</p> <p>Restricting the use of any heat generating devices.</p> <p>Monitoring FOGO Waste on days of extreme weather and total fire bans.</p> <p>Ensuring access gates are locked after hours.</p> <p>Emergency contact details provided on entry gate.</p>
Weed seed and plant pathogen spread	Storage of FOGO waste materials.	Air/windborne pathway	<p>All FOGO waste to be delivered and confined to the proposed hardstand area.</p> <p>FOGO waste left onsite overnight to be covered with a weighted tarpaulin.</p>
Windblown waste	Truck unloading, handling/sorting and storage of FOGO waste materials	Air/windborne pathway	<p>Site personnel to collect any windblown waste. Waste facility is fenced to mitigate windblown waste leaving the site.</p>

Emission	Sources	Potential pathways	Proposed controls
Leachate	Storage of FOGO waste materials.	Seepage to soils and groundwater	<p>All FOGO waste materials to be unloaded onto the proposed hardstand area for sorting (decontamination). Installation of bunding on the hardstand to direct leachate into the leachate management system.</p> <p>Limiting the length of time FOGO Waste is stored on the site (no more than 30 hours for FOGO Waste received Monday-Thursday and 72 hours for FOGO Waste received Friday).</p> <p>Reducing infiltration of rainwater by covering daily with a weighted down tarpaulin.</p> <p>Re-direction of hardstand leachate through a re-invigorated reed bed before being held in an existing basin.</p> <p>Increased sampling of the existing onsite groundwater monitoring bores (during the first 12 months of FOGO operations).</p> <p>Use of shredded greenwaste on the hardstand to mitigate leachate runoff where required.</p> <p>Leachate basin to be monitored by City personnel and de-sludged when required.</p>

Key Findings:

- 1) A screening analysis following DWER's *Guideline: Odour Emissions* (the odour guideline) was completed by the applicant.

The applicant's analysis concluded that:

- The nearest sensitive receptor (1.03km) did not fall within the screening distance required for a category 62 solid waste depot (200m).
- No special case factors are applicable to the proposed activity.

A detailed analysis was not completed as per the requirements of the odour guideline.

- 2) The applicant has proposed to construct:

- A 2,000m² asphalt bunded hardstand to be used for the receipt and decontamination of FOGO waste materials. This hardstand will be constructed with a 2% fall towards an open swale drain.
- An open swale drain with nutrient stripping plants, connecting the hardstand to the proposed detention basin.
- A 20m x 10m x 1m clay lined detention basin with a capacity of 400kL (inclusive of a 0.5m freeboard of a 150kL capacity) to capture leachate from the hardstand.

- 3) FOGO leachate has the potential to contain contaminants including nutrients, metals, salts and other soluble or suspended components and decomposition products of the waste which may pose a risk to environmental receptors, given the highly sensitive location of the premises in Oyster Harbour (and other) catchment.

The Delegated Officer considers the use of nutrient stripping plants in both the proposed drainage infrastructure and detention basin insufficient in treating the leachate to an acceptable quality for infiltration into the surrounding environment. It is also expected that this vegetation may be difficult to maintain in dry periods and may compromise the proposed clay lining and allow leachate to infiltrate into the surrounding environment. It is therefore required that the applicant installs appropriate drainage infrastructure and that the detention basin be suitably lined to enable collection and containment of all FOGO contaminated leachate.

- 4) The applicant has provided water balance calculations that indicate the expected volume of water derived from a 72-hour rain event with an annual exceedance probability (AEP) of 63.2% to equate to 395kL in the detention basin. As the proposed basin only has a capacity of 400 kL, it is likely this rain event will occur most years, is likely to breach the 0.5m freeboard and will likely overflow the basin. The Delegated Officer considers the proposed detention basin to be undersized and may not be effective in containing leachate and maintaining a 0.5m freeboard. The applicant is advised that the detention basin must be sized to store a 24-hour rainfall event with an AEP of 5% without utilising freeboard. This requirement is consistent with *Water Quality Protection Note (WQPN) 26: Liners for containing pollutants using synthetic membranes* and *WQPN 27: Liners for containing pollutants using engineered soils*.

As a contingency, in the event that the basin exceeds the 0.5m freeboard, the applicant has proposed leachate to be manually pumped onto the landfill tip face. The Delegated Officer advises that this disposal method is unacceptable as the landfill is unlined with no dedicated leachate collection system. The Delegated Officer has added a condition into the works approval to ensure this does not occur.

If the applicant is to drain leachate from the detention basin to avoid breaching the 0.5m freeboard, the leachate is to be pumped into an appropriately licensed liquid waste carrier tanker for disposal at an appropriately licensed facility. The Delegated Officer considers this an emergency action and would be onerous to implement on a regular basis.

3.1.2 Receptors

In accordance with the *Guideline: Risk Assessment* (DWER 2020), the Delegated Officer has excluded the applicant's employees, visitors, and contractors from its assessment. Protection of these parties often involves different exposure risks and prevention strategies, and is provided for under other state legislation.

Figure 1 and **Table 2** 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 (*Guideline: Environmental Siting* (DER 2020)).

Table 3: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Residential Premises	≈ 1km north-west of the proposed activity area (Figure 1)
Residential Premises	≈ 1.6km south-west of the proposed activity area (Figure 1)
Environmental receptors	Distance from prescribed activity
Waterways Conservation Area	Located within the Albany Waterways Management Area
Oyster Harbour, Kalgan and King	Located within these hydrographic catchments.
Johnston Creek – South Coast Significant Wetlands	A non-perennial creek line located ≈ 500m south-west of the proposed activity area.
King River	≈ 4km south of the prescribed premises boundary
Underlying groundwater	Monitoring bore standing water levels reported to range from 8 – 11 mbgl. Hydraulic gradient reported to run north to south. Salinity mapped at 125 and TDS at 500-1000.
Threatened Ecological Communities	Located in close proximity to a priority one, endangered ecological community (Banksia coccinea shrubland/Eucalyptus staeri/Sheoak Open Woodland)

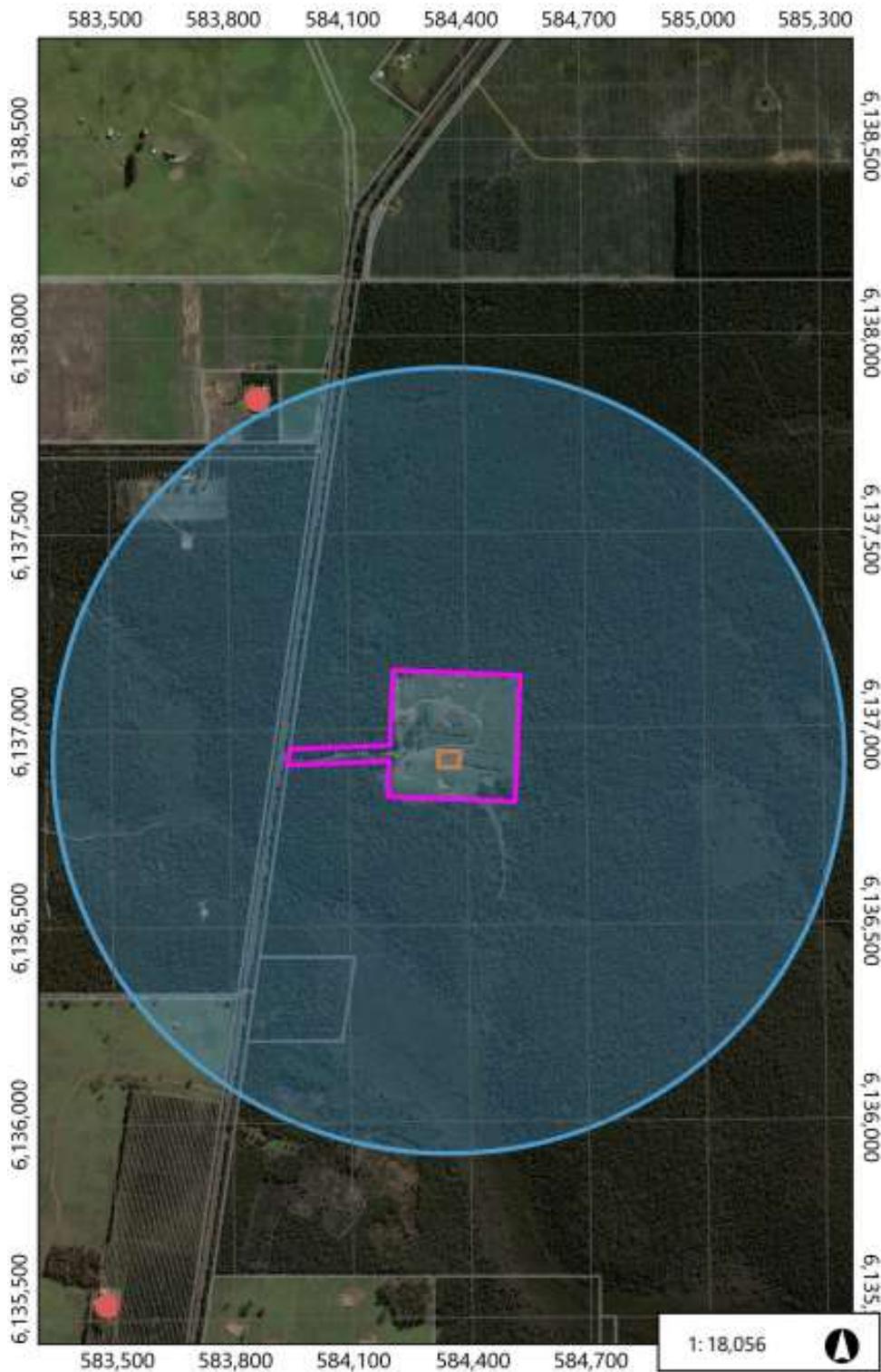


Figure 2: Proximity of sensitive receptors to the proposed FOGO receival area. The orange border marks the proposed FOGO receival area within the prescribed premises boundary (pink). The blue circle depicts a 1km buffer distance from the related operational area and the red dots indicate sensitive human residential receptors

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) for each identified emission source 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 applicant 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 applicant's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the works approval as regulatory controls.

Additional regulatory controls may be imposed where the applicant's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 4.

Works approval W6565/2021/1 that accompanies this decision report authorises construction and time-limited operations. The conditions in the issued works approval, as outlined in Table 4 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

A licence is required following the time-limited operational phase authorised under the works approval to authorise emissions associated with the ongoing operation of the premises i.e. handling and storage of FOGO waste materials. A risk assessment for the operational phase has been included in this decision report, however licence conditions will not be finalised until the department assesses the licence application.

Table 4: Risk assessment of potential emissions and discharges from the premises during construction and operation

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Construction								
Construction of hardstand, drainage infrastructure and detention basin	Dust	Air / windborne pathway causing impacts to health and amenity	Residences 1km north-west and 1.6km south-west	Refer to Section 3.1	C = Minor L = Rare Low Risk	Yes	N/A	N/A
Vehicle movements on unsealed surfaces Operation of machinery	Noise				C = Minor L = Rare Low Risk	Yes	Premises operations are subject to the <i>Environmental Protection (Noise) Regulations 1997</i> .	N/A
Operation (including time-limited-operations operations)								
Truck unloading, handling/sorting and storage of FOGO waste materials Vehicle movements	Dust (including bioaerosols)	Air / windborne pathway causing impacts to health and amenity	Residences 1km north-west and 1.6km south-west	Refer to Section 3.1	C = Minor L = Rare Low Risk	Yes	Sufficient controls contained within L7048/1997/11.	N/A
	Noise				C = Minor L = Rare Low Risk	Yes	Premises operations are subject to the <i>Environmental Protection (Noise) Regulations 1997</i> .	N/A
	Windblown waste				C = Minor L = Rare Low Risk	Yes	Controls contained within L7048/1997/11. Condition 10 Table 3 (f) (g)	The Delegated Officer has added a condition to ensure any waste from the decontamination process is adequately contained until such a time that is transported to an appropriate waste disposal facility. A condition has also been added to ensure windblown waste is collected on a weekly basis.

Works approval: W6565/2021/1

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
	Smoke from fire				C = Moderate L = Unlikely Medium Risk	Partially	Condition 10 Table 3 (b) (c) (d)	The Delegated Officer has reduced the applicants proposed FOGO stockpile length by 5m to ensure a suitable buffer between stockpiles and the hardstand perimeter is maintained to allow earthmoving equipment to separate and extinguish fires, should they occur within the FOGO stockpiles.
	Odour	Air / windborne pathway causing impacts to health and amenity	Residences 1km north-west and 1.6km south-west	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	Yes	N/A	N/A
	Leachate	Overland runoff potentially causing ecosystem disturbance or via seepage (infiltration) impacting underlying groundwater. Potential for impacted groundwater to migrate off-site and impact sensitive water catchments and down-gradient groundwater users.	Beneficial users of groundwater Oyster harbour; King River		C = Moderate L = Unlikely Medium Risk	No	Condition 1 Table 1 (1a) (1d) (2a) (2b) (3a) (3b) (3c) (3d) (3e) Condition 4 (a) (b) Condition 10 Table 3 (a) Condition 11 Table 4 (1a) (1b) (2a) (2b) (3a) (3b) (3c) (3d)	Refer to section 3.3 for detailed assessment of leachate emissions and justification for additional regulatory controls.

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk Assessments* (DWER 2020).

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

3.3 Detailed risk assessment for leachate emissions

3.3.1 Leachate emissions

Infrastructure permeability

The Delegated Officer considers FOGO waste leachate to pose an unacceptable risk to environmental receptors if allowed to continually infiltrate into the surrounding sensitive environment. It is therefore appropriate to apply additional regulatory controls to ensure the hardstand, drainage infrastructure and detention basin are suitably constructed/lined with a permeability of 1×10^{-9} m/s or less to prevent seepage and effectively contain contaminated leachate.

The Delegated Officer recommends the applicant refer to WQPN 26 if a synthetic liner is to be installed. If clay lining is to be installed, the Delegated Officer recommends the applicant refer to WQPN 27

Detention basin water balance

As a part of this assessment, the Delegated Officer referred the applicant's water balance calculation and drainage system design to DWER's South Coast Region for internal expert advice. Advice received included:

- The 63.2% AEP, 72-hour rainfall event selected for analysis is not a suitable event to use and is not in line with the guidance provided within WQPN 26 and WQPN 27 which indicates pond sizing should be able to accommodate a 5% AEP, 24-hour rainfall event while maintaining a minimum 0.5m freeboard.
- The water balance calculations indicate that the 0.5m freeboard is likely to be breached.
- As the premises is located within various hydrographic catchments, a waterways conservation area and in proximity to a south coast significant wetland, it is important that all contaminated stormwater and leachate is adequately contained within a suitably sized detention basin and freeboard is maintained at all times.
- A desktop assessment of the premises indicate that a surface drainage line may have formed at the south-east side of the premises, leading into neighbouring crown land. This could indicate that leachate and stormwater from the premises may be draining off the prescribed premises.

The Delegated Officer has reviewed the water balance submitted as part of the application and determined that the detention basin has insufficient capacity to contain potentially contaminated run-off and leachate during a 63.2% AEP rain event and will likely breach a freeboard of 0.5m and potentially overflow the basin.

Whilst the applicant has proposed contingency actions in the event of the freeboard being breached, it is considered unreasonable to rely on pumping out excess leachate every time freeboard has been breached as there will not always be personnel onsite to ensure this occurs. The Delegated Officer therefore considers it appropriate to implement additional regulatory controls to ensure the applicant redesigns and constructs the detention basin to a suitable size and capacity to be able to store a 24-hour, rainfall event with an annual exceedance probability of 5% without utilising a 0.5m freeboard capacity.

4. Consultation

Table 5 provides a summary of the consultation undertaken by the department.

Table 5: Consultation

Consultation method	Comments received	Department response
Application advertised on the department's website on 25/06/2021	No submissions received.	N/A
Department of Biodiversity, Conservation and Attractions (DBCA) advised of proposal on 25/06/2021	The DBCA Regional Manager responded on 08/07/2021 and considered any potential environmental impacts will be addressed through proposed processing protocols. No further comments were provided in response to the application.	Noted.
Applicant was provided with draft documents on 02/07/2021. (DWERDT479402 & DWERDT480975)	The applicant provided comments on 16/07/2021 and 21/07/2021. Refer to Appendix 1.	Refer to Appendix 1.

5. Conclusion

Based on the assessment in this decision report, the delegated officer has determined that a works approval will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

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*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
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 1: Summary of applicant's comments on risk assessment and draft conditions

Condition/Reference	Summary of applicant's comment	Department's response
Works Approval Condition 9 Decision Report Page 9	The applicant has advised that any non-conforming waste separated during the de-contamination process will be disposed of at the existing onsite landfill at the Bakers Junction Waste Management Facility.	The Delegated Officer considers this an appropriate measure providing the separated non-conforming waste fits the waste acceptance criteria listed within Bakers Junction Waste Management Facility Licence (L048/1997/11). Condition 9 wording has been updated from 'removed' to 'transported' to allow for permitted waste to be moved and disposed of to the existing onsite landfill.
Works Approval Condition 1 Figure 2 Decision Report Page 11	The applicant has indicated that based on the catchment into the detention basin, the volume of water derived from a 24-hour storm event with 5% AEP (92.7mm) equates to 176kL. As the proposed detention basin capacity is 250kL, the 0.5m (150kL) freeboard is not expected to be breached during this storm event. The applicant has confirmed the removal of the proposed nutrient stripping plants to ensure the impermeable surface is maintained.	The Delegated Officer notes that the applicant's calculations do not appear to include the surface area of the open drainage line (not provided – estimated at 100m ²) or the detention basin (250m ²). The addition of these two catchment surfaces areas approximately equate to an additional 33 kL during a 24-hour storm event with 5% AEP (92.7mm). Therefore, the proposed detention basin (250 kL capacity with 150 kL freeboard) appears to be sufficiently sized to accommodate this storm event without breaching the 0.5m freeboard.
	The applicant has advised that initially only 600m ² of the lower half of hardstand will be sealed and the remaining portion will be left as gravel. The unloading of FOGO waste materials will only occur on the sealed portion of the hardstand. Once operations commence, if an increase in sealed hardstand is required, an extra 400m ² will be sealed for use. Following this, the last 1000m ² of gravel will be sealed as hardstand for use if required.	The Delegated Officer considers this staged hardstand construction approach acceptable and has updated the Condition 1, Table 1 accordingly to include 3 stages of hardstand construction. Conditions 4 and 5 have also been added to ensure applicable compliance documentation is submitted to DWER if the sealed hardstand is extended as per Stages 2 and 3. The applicant is advised that time-limited operations are only applicable to Stage 1 infrastructure and if extensions to the sealed hardstand are made, the extended portions use must first be permitted through the submission and granting of a licence amendment.
Decision Report Page 11	The applicant has included comments relating to construct a 200kL evaporation basin in accordance with either WQPN 26 or WQPN 27 (dependent on lining) adjacent to the proposed detention basin within time-limited operations.	The Delegated Officer considers the construction of additional infrastructure not captured under the scope of the application and cannot be added to the assessment during this final applicant consultation stage. The applicant is advised to submit a works approval application with all applicable plans and specifications if the construction of an evaporation basin is required at this premises.

Condition/Reference	Summary of applicant's comment	Department's response
<p>Works Approval Condition 6 Table 6</p>	<p>The applicant has advised that the proposed clay lining to be installed is a proprietary product that the City of Albany has experience in laying as a liner.</p> <p>It is requested that consideration be given to the City's internal staff to allow them to sign off on the installation given a current staff member's qualifications and extensive experience in civil engineering.</p>	<p>The Delegated Officer considers the qualifications and experience of the applicant's available staff appropriate in ensuring the proposed clay lining is installed and signed off in accordance with the requirements of the works approval.</p> <p>Wording has been updated in Table 6 to allow for a 'suitably qualified person' for clay lining certification to include a civil engineer with the applicable qualifications and experience.</p>

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY				
Application type				
Works approval	<input checked="" 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 type="checkbox"/>	Current licence number:		
		Relevant works approval number:		N/A <input type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:		None <input type="checkbox"/>
Date application received	1 April 2021			
Applicant and Premises details				
Applicant name/s (full legal name/s)	City of Albany			
Premises name	Bakers Junction Waste Management Facility			
Premises location	Lot 7190 on Plan 175897 1206 Chester Pass Road KALGAN WA 6330			
Local Government Authority	City of Albany			
Application documents				
HPCM file reference number:	DER2021/000215			
Key application documents (additional to application form):	Occupier Status Premises Map Layout Plan Detail Proposed Activities Supporting Information Consultation Fee Components			

SECTION 1: APPLICATION SUMMARY

Scope of application/assessment

Summary of proposed activities or changes to existing operations.	<p>Works approval</p> <p>Construction of: 6.0m wide gravel track, 50m x 50m asphalt hardstand with bunding, drainage infrastructure and detention basin to be used for the receipt, decontamination and temporary storage of Food Organics Garden Organics (FOGO) Waste and associated leachate.</p> <p>This premises is currently licensed under L7048/1997/11 to operate a Class II putrescible landfill site.</p> <p>Applicant has applied for 180 days of time limited operations.</p>
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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
Category 64: Class II or III putrescible landfill site	50,000 tonnes per annual period
<i>Category 62: Solid Waste Depot</i>	<i>Applicant intends to apply for this category under a licence amendment during time limited operations (4,500 tonnes per annual period).</i>

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"/> General lease <input type="checkbox"/> Expiry: Mining lease / tenement <input type="checkbox"/> Expiry: Other evidence <input type="checkbox"/> Expiry:

SECTION 1: APPLICATION SUMMARY		
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Approval: Expiry date:
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: Swan Avon / Mid-West Gascoyne / Kwinana Peel / North West / South West / Goldfields / South Coast
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 type="checkbox"/>
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>)	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"/>	
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

SECTION 1: APPLICATION SUMMARY

<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>
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