



Application for Works Approval

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

Works Approval Number	W6461/2020/1
Applicant	City of Gosnells
File Number	DER2018/001042-4~9
Premises	The City of Gosnells Waste Transfer Facility Kelvin Road, ORANGE GROVE, WA Part Lot 4 on Diagram 16433, Volume 1688, Folio 285; and Lot 241 on Plan 3327, Volume 1031, Folio 307
Date of Report	15/09/2021
Decision	Works approval granted

Stephen Checker

Manager Waste Industries

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

Table of Contents

1. Decision summary	1
2. Scope of assessment	1
2.1 Regulatory framework	1
2.2 Application summary and overview of Premises	1
2.3 Exclusions to the Premises	2
3. Risk assessment	3
3.1 Source-pathways and receptors	4
3.1.1 Emissions and controls	4
3.1.2 Receptors	7
3.2 Risk ratings	9
4. Consultation	13
5. Conclusion	14
References	14
Appendix 1: Summary of applicant’s comments on risk assessment and draft conditions	15
Appendix 2: Application validation summary	16

Tables

Table 1: Proposed applicant controls	4
Table 2: Sensitive human and environmental receptors and distance from prescribed activity	7
Table 3: Risk assessment of potential emissions and discharges from the premises during construction and operation	10
Table 4: Consultation	13

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 W6461/2020/1 has been granted.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this Decision 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 and overview of Premises

On 01 October 2020, the applicant submitted an application for a works approval to the department under section 54 of the *Environmental Protection Act 1986* (EP Act).

The application is to undertake construction works relating to Category 62 activities at the premises. The premises plans to operate as a waste transfer station accepting up to 43,000 tonnes per year of domestic waste, and small amounts of green waste from public open spaces. The premises is located approximately 0.5 km east of Orange Grove in the City of Gosnells.

The premises relates to the category and assessed production/design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6461/2020/1. The infrastructure and equipment relating to the premises category and any associated activities which the department has considered in line with *Guidance Statement: Risk Assessments* (DER 2017) are outlined in works approval W6461/2020/1.

The application includes a description of the new Operations Centre (not included in the Prescribed Premises) which aims to deliver a Civic facility for the next 40-50 years to support city growth. It will provide service delivery administration, transfer station for waste, an animal pound, vehicle impound yard, stores, workshops, other trades and ancillary infrastructure. The project will include a green space buffer of no less than 40 m around the perimeter to create an aesthetically pleasing appearance for the neighbouring properties. The new operations centre will include:

- Sand-filling of the site to ensure the old tip site is not disturbed;
- Single storey buildings;
- Re-cycled stormwater and rainwater harvesting with water to be retained within the wider site;
- Aerobic Treatment Unit (ATU) system with treated wastewater to be retained within the wider site; and
- A closed-hopper waste transfer system for all waste collected throughout the City for transporting offsite. No regular storage of transferred waste is proposed.

Acceptance and storage of small volumes of hazardous waste was initially proposed. The applicant advised DWER on 30/8/2021 that household hazardous wastes are no longer proposed to be accepted.

Wastewater produced on the site by the employees and from truck washdown will be treated onsite and used for irrigation of landscaping and potentially for truck washdown.

The application includes grinding of approximately 700 tonnes per year of greenwaste on site

which is under the threshold for Category 61A activities and is not subject to the licensing and works approval provisions of the *Environmental Protection Act 1986*. Should the applicant wish to process over 1,000 tonnes per annual period, a works approval or licence amendment will need to be sought for Category 61A activities. Greenwaste grinding is expected to occur 3-4 times per year. The exact plant to be used will be mobile and subject to the contractor award.

As emissions from greenwaste processing are similar to emissions from the primary activities (noise; dust), they have been assessed as related activities on the Premises to account for cumulative effects from the Premises operations. Operational emissions and mobilisation of plant associated with the greenwaste grinding will be regulated under the future licence, with emissions assessed for acceptability under this works approval.

The applicant plans to collect and treat the first 15mm of stormwater from the broader premises using swales and tree pits. Rain events above the first 15mm up to 1% Annual Exceedance Probability will be diverted to a drainage basin in the vegetated storage area. Water from the WTF will be treated with a gross pollutant trap to remove pollutants prior to discharge. Water from the fuel storage and refuelling areas will pass through an oil separator (e.g. Humeceptor) prior to discharge to a swale or similar structure. Treatment infrastructure will be located outside the Premises Boundary.

2.3 Environmental Noise and Acoustic Assessments

Waste Acceptance Operations

The Environmental Noise Assessment (ENA) submitted support of the application was referred to DWER's Environmental Noise Branch for review. A summary of the advice received is:

- The noise modelling provided seems correct.
- Noise associated with the existing City of Gosnells' Operation Centre located at 2 Canning Park Ave, Maddington were measured. Sound power levels of each equipment were calculated from onsite measurement were used for the noise modelling.
- The operational scenarios for noise modelling seem appropriate. The assigned noise levels (L_{A10} or L_{A1}) selected for noise compliance seems appropriate. The predicted noise emission levels for each of the operational scenarios seem reasonable.
- The ENA identified that the two areas which pose the greatest non-compliance risk are the waste transfer station and the animal pound as noise emissions will occur during the night period and prior to 09:00 am on Sundays and public holidays. The report only indicates management practices for the animal pound not the waste transfer station.
- There was inconsistency with hours of operation in some of the operational scenarios used for noise modelling (*hours of operation subsequently clarified with applicant*).
- Whilst some inconsistencies were noted in the report, Environmental Noise advised that noise from the proposed operations centre will be able to be managed to comply with the Noise Regulation assigned levels at noise sensitive receptors.

Greenwaste Shredding

On 26 February 2021, the applicant provided an Acoustic Assessment for the proposed greenwaste shredding. The Acoustic Assessment detailed that:

- Greenwaste shredding will be undertaken on 3-4 days per year;
- Shredding will be undertaken only during daylight hours (7.00 am – 7.00 pm Monday to Friday, not including public holidays);
- Noise barriers to the north and/or south of the mulching activity – such as noise bunds or greenwaste stockpiles - are required to be installed achieve compliance with noise regulation assigned levels at nearby sensitive receptors.

Key findings

The Delegated Officer has reviewed the information regarding noise emissions and has found:

1. *The Delegated Officer considers the animal pound and workshop activities occur outside of the premises boundary and are not prescribed activities and therefore will not be addressed or assessed in this works approval (see section 2.4 'Exclusions to the Premises' below for more information).*
2. *Whilst some inconsistencies were identified within the ENA, the Delegated Officer agrees with technical advice that noise from the waste transfer station should be able to be managed to meet assigned levels.*
3. *Greenwaste shredding will be undertaken onsite by a contractor using mobile equipment on a campaign basis. No specific works were proposed in the works approval application in relation to this activity, however it will be regulated under licence if applied for.*
4. *Whilst greenwaste shredding is expected to be conducted only infrequently, further noise attenuation barriers/bunds are required to be installed to ensure compliance with the Noise Regulations prior to commencement of shredding activities onsite.*
5. *As the works approval covers construction only, operational and management controls relating to noise at the operational facility will be incorporated as required onto the operating licence for the facility.*

2.4 Exclusions to the Premises

The applicant has elected only to apply for a licence for part of the facility relating to the WTF therefore the activities outside the nominated boundary are not assessed under the works approval and assessment. The exclusions to the premises that reside outside the premises and/or are unrelated to prescribed activities include the following:

- a) The animal pound on the site is unrelated to the prescribed activities and is therefore not part of the Departments assessment or approval. Any emissions from the pound are subject to the general provisions of the *Environmental Protection Act 1986*, the *Environmental Protection (Unauthorised Discharged) Regulations 2004*, and *Environmental Protection (Noise) Regulations 1997*.
- b) Stormwater management infrastructure including a series of Aerobic Treatment Units connected to individual parts of the site (e.g. Animal Pound, Operations Centre) as required. Volumes of wastewater treated are not large enough to trigger a Prescribed Premises category (20 kL/day) with a maximum throughput of 8.5 kL/day. These facilities will be outside the Prescribed Premises area.
- c) A three-metre earthen acoustic bund which will be installed to the north north-west of the site, outside of the Prescribed Premises boundary and therefore will not be conditioned in this works approval. The presence of the bund had been considered in the internal expert noise advice received as part of this assessment.
- d) Administrative buildings and workshops – which are not prescribed.

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 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	Construction and installation of infrastructure	Air/windborne pathway	Any construction stockpile left for >7 days will be stabilised with hydro-mulch or similar stabilisation technique.
	Vehicle movements		Dust plumes will be prevented from visual inspections and works assessments in peak wind days. If dust related complaints are generated due to activities onsite, they are to be recorded in the complaints registry and acted on accordingly. Watercart operation, wind fencing and surface stabilisation. Work hours restricted to 07:00 am to 05:00 pm Monday to Saturday
Noise	Construction and installation of infrastructure		The applicant will submit a Noise Management Plan on mitigation controls for the construction phase prior to commencement of construction.
	Vehicle movements		Work hours restricted to 07:00am to 05:00pm Monday to Saturday Dust plumes will be prevented utilising visual inspections and works assessments in peak wind days.
Leachate	Vehicle hydrocarbon spills	Seepage to soil and	No proposed controls for construction phase

Emission	Sources	Potential pathways	Proposed controls
		groundwater	
Windblown waste	Construction waste	Air/windborne pathway	General housekeeping to ensure that no rubbish or wastes can exit the project site. All bins to have lids, visual inspections around times of high winds.
Contaminated stormwater	Erosion and sediment	Overland flow	<p>Erosion and sediment controls will be implemented to prevent sediment from impacting waterways or exiting the site.</p> <p>Daily review of meteorological predictions to determine the erosion risk.</p> <p>Construction timed to minimise the period between 'clear and grade' and 'backfill and restoration' to reduce potential for erosion of exposed soils.</p> <p>Minimise total disturbance area at any given time during construction.</p> <p>Ground disturbance and stockpiles will be restricted to defined areas.</p> <p>Divert upslope runoff around the works and safely dispose to a stable area by:</p> <ul style="list-style-type: none"> - Lay geo fabric/plastic; - Place topsoil on geo fabric/plastic; - Pull geo fabric/plastic over stockpile; - Seal geo fabric/plastic with a row of spoil on the excavation side of the bund. <p>Maintenance of the entry/exit to the site to minimise erosion and movement of soil.</p> <p>Erosion and sediment controls will be inspected and maintained daily.</p> <p>Covering stockpiles with a suitable material to minimise potential for soil to enter a waterway/drainage system or the fringing vegetation.</p>
Operation			
Odour	Acceptance of putrescible waste; Transfer of domestic waste from collection truck to the transit truck.	Air/windborne pathway	<p>Putrescible waste will not be stored onsite, will be compacted, and directly transferred offsite to an authorised premises.</p> <p>Waste transfer activities not occurring on weekends or public holidays.</p> <p>No domestic waste is stored on site.</p> <p>All operations occur in covered areas, hopper is closed except when accepting waste from collection truck, collection truck</p>

Emission	Sources	Potential pathways	Proposed controls
			and transfer truck are enclosed vehicles. Truck washing bay included in proposal to allow regular washing of trucks on-site.
	Storage/decomposition of greenwaste;		Frequent removal of ground greenwaste offsite for reuse
Dust	Grinding of greenwaste Stockpiling piles of greenwaste General operations		Dust suppression will be managed using recycled or harvested water sprays. Grinding operations will occur at the beginning of winter during periods of low wind and be up to 700 tonnes per annum. Short term storage of ground greenwaste on site. Establishment and maintenance of landscaped buffer. Dust suppression of disposal bin using recycled or generated water squirter. Contractor will supply the City with a contingency plan detailing the activities to be undertaken should dust impacts occur. This may include the use of water sprays. Complaints management system. No specific controls relating to the management of dust from greenwaste grinding have been included.
Noise	General operation		3m high acoustic wall to be constructed in the north-east perimeter of the Waste Transfer Facility Area.
	Waste Transfer Station (compactors and hoppers)		Limited operating hours to 06:00am – 07:00pm Monday to Friday; 08:00am – 05:00pm Saturday. And closed on Sundays and Public Holidays
	Workshop		
	Refuse truck and sweepers		Refuse trucks are operated on all public holidays, excluding Christmas Day
	Greenwaste grinding		Stockpiles and/or barriers located to the north and/or south of the greenwaste grinding area (no specifications provided). Grinding to be undertaken up to 700 tonnes per annum only over 3-4 days per year.
Hydrocarbons	Fuel storage	Overland flow and/or	storage tanks to be designed to AS 1940:2017 and to be located on an

Emission	Sources	Potential pathways	Proposed controls
		infiltration to groundwater	impervious bunded hardstand
	Vehicle washwater		Treatment of water prior to reuse or use for irrigation
Leachate	Temporary storage of greenwaste and other domestic wastes	Seepage to soil and groundwater	<p>Waste Transfer Station Area will be bunded and hardstand area.</p> <p>Stormwater will be treated onsite prior to discharge (does not form a part of this works approval assessment – below registration threshold)</p> <p>No Class II domestic waste will be stored on site.</p>
Contaminated stormwater	Storage of waste	Overland flow and/or infiltration to groundwater	<p>Minor volumes of waste (such as illegally dumped materials) temporarily stored on site.</p> <p>All activities will occur on bunded hardstand areas with stormwater treated prior to discharge</p> <p>Area around the creek line will be revegetated as a buffer.</p>

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 applicants 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 and **Error! Reference source not found.** 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
Residential Premises	<p>~closest receptor 200 m south of the premises (zoned Special Rural)</p> <p>~ 1.5 km southwest of the premises (zoned Residential)</p>
Environmental receptors	Distance from prescribed activity
Groundwater Within the <i>RIWI Act 2014</i> - Perth Groundwater Area	<p>~14 – 15 mAHD</p> <p>Salinity ~ 250-500 mg/L</p>

<p>Groundwater users:</p> <p>Pumped Well – GWL174863(1) -Perth Superficial Swan</p> <p>Pumped Well – GWL165417(13) -Perth Superficial Swan</p> <p>Pumped Well – GWL178291(1) -Perth Superficial Swan</p>	<p>~308 m south of the premises boundary</p> <p>~321.5 m north east of the premises boundary</p> <p>~436.5 m north west of the premises boundary</p>
<p>Geomorphic Wetlands</p>	<p>Palusplain Conservation wetland ~198 m southwest and 940 m northwest of the premises boundary;</p> <p>Palusplain Multiple use wetland ~374 m southwest, 435 m west, 496 m south and 817 m southeast of the premises boundary;</p> <p>Palusplain Resource Enhancement wetlands ~775 m northwest and 817 m southeast of the premises boundary</p>
<p>Bushforever sites</p>	<p>~133 m south; 414 m northeast; and 1,150 m northwest of the premises boundary</p>
<p>Threatened Ecological Systems Buffer Zones (TECs)</p>	<p>Within Priority 3 TEC- Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region;</p> <p>Within Critically Endangered TEC – Shrublands and woodlands of the eastern side of the Swan Coastal Plain</p> <p>Within Endangered TEC – Banksia attenuate woodlands over species rich dense shrublands</p> <p>Within Vulnerable TEC – Corymbia calophylla – Eucalyptus marinata woodlands on sandy clay soils of the southern Swan Coastal Plain</p> <p>~329 m east and 818 m south of Critically Endangered TEC – Corymbia calophylla – Kingia Australia woodlands on heavy soils, Swan Coastal Plain</p> <p>~967 m west of Priority 4 TEC – Central Northern Darling Scarp Granite Shrubland Community</p>

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guidance Statement: Risk Assessments* (DER 2017) 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 3.

Works approval W6461/2020/1 that accompanies this Decision Report authorises construction only. The conditions in the issued Works Approval, as outlined in Table 3 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

A licence is required to authorise emissions associated with the operation of the Premises. 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 3: Risk assessment of potential emissions and discharges from the premises during construction and operation

Risk Event					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Construction								
Earthworks, site preparation and construction and installation of Waste Transfer Facility (WTF) with: <ul style="list-style-type: none"> level separation retaining/loading walls; 2x Hoppers with tamping foot and control station 2x purpose built waste compactors on stands; dual vehicle washdown facility; unleaded fuel store with 2x bowsers; diesel storage; and Adblue (Urea) storage 	Dust	Air/windborne pathway causing impacts to health and amenity	Residence 200 m south of the premises	Refer to Section 3.1	C = Moderate L = Possible Medium Risk	Y	N/A	N/A
	Noise				C = Moderate L = Possible Medium Risk	Y.	Condition 1(d) limits the construction work hours to between 07:00am and 05:00pm Monday – Saturday excluding public holidays. Condition 6 requires the submission of a Construction and Environmental Management Plan detailing noise mitigation controls for the construction phase prior to the commencement of construction	N/A
	Contaminated stormwater	Overland flow impacting health and amenity of sensitive receptors	Residence 200 m south of the premises; Surrounding TEC buffer zones; and surrounding Important wetlands		C = Minor L = Rare Low Risk	Y	N/A	N/A
	Windblown waste	Air/windborne pathway causing impacts to health and amenity	C = Slight L = Possible Low Risk		Y	N/A		
Operation – operational conditions will be determined in assessment of subsequent licence application								
Vehicle movements	Dust				C = Slight L = Possible Low Risk	Y	N/A	N/A
	Noise				C = Minor L = Possible Medium Risk	Y	N/A	N/A
Waste Acceptance, sorting and transfer of domestic waste.	Odour	Air/windborne pathway causing impacts to health and amenity	Residence 200 m south of the premises Future Public Open Space within 50m of the premises	Refer to Section 3.1	C = Minor L = Possible Medium Risk	Y	N/A	Category 62 activities do not typically constitute a high odour risk as evidenced by DWERs Odour Guideline's screening distance (requiring odour self - assessment) of 200m to sensitive receptors It is noted that the proposed operation of the facility, in which waste will be transferred directly into trucks via a hopper and not stored onsite will assist in mitigating odour emissions. The Delegated Officer considers odour impacts from the operational facility to present a medium risk to

Risk Event					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
								human health and the environment and are acceptable subject to controls on the future operating licence
	Noise				C = Minor L = Possible Medium Risk	Y	N/A	Noise emissions from waste transfer operations have been determined to be acceptable and will be able to be managed with controls set under the operational licence which is expected to be applied for following completion of construction. The Delegated Officer considers Noise impacts from the operational facility to present a medium risk to human health and the environment and are acceptable subject to controls on the future operating licence
	Dust				C = Slight L = Possible Low Risk	Y	N/A	N/A
	Leachate/contaminated stormwater runoff from	Overland flow impacting health and amenity of sensitive receptors	Residence 200 m south of the premises; Surrounding TEC buffer zones; and surrounding Important wetlands	Refer to Section 3.1	C = Slight L = Possible Low Risk	Y	N/A	N/A
	Windblown waste	Air/windborne pathway causing impacts to health and amenity			C = Slight L = Possible Low Risk	N	N/A	N/A
Vehicle washdown	Leachate/contaminated stormwater	Overland flow impacting health and amenity of sensitive receptors	C = Slight L = Possible Low Risk		Y	N/A	N/A	
Storage of hydrocarbons (diesel, unleaded petrol and Ad blue)			C = Minor L = Unlikely Medium Risk		Y	N/A	N/A	
Shredding of greenwaste (up to 700 tonnes per annum over 3 -4 days per year)	Noise	Refer to Section 3.1	Residence 200 m south of the premises; Surrounding TEC buffer zones; and surrounding Important wetlands		No specific controls for noise attenuation for this activity have been proposed.	C = Moderate L = Likely High Risk	N	Condition 9 requires the submission of a Greenwaste Shredding Environmental Management Plan which will detail the specifications of infrastructure to be installed to ensure compliance with Noise Regulations prior to undertaking Greenwaste Shredding operations.
	Dust	Refer to Section 3.1		No specific controls for dust attenuation for this	C = Moderate L = Likely	N	Condition 9 requires the submission of a Greenwaste Shredding Environmental Management Plan	Operational dust management controls for this activity are required to

Risk Event					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
				activity have been proposed.	High Risk		detailing dust controls prior to undertaking operations.	mitigate dust impacts to sensitive receptors.

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

Note 2: Proposed applicant 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>Application advertised on the department's website (28/01/2021)</p>	<p>Submission received on 18/02/2021 indicating concerns regarding:</p> <ul style="list-style-type: none"> a) the WAPC's decision to refuse development approval; b) nearby proposed Public Open Space (POS); c) the adequacy of the technical supporting documentation; d) some waste activities have not been considered in the application. 	<ul style="list-style-type: none"> a) The Applicant provided WAPC evidence of planning approval to the Department on 07/09/2021. The Delegated Officer has considered the conditions within the planning approval to ensure the works approval aligns with the planning approval. b) Whilst the proposal for nearby POS is noted, this area is currently zoned rural and DWER's assessment is 'point-in time'. The Delegated Officer considers that the presence of future POS does not change the outcomes of the assessment and that impacts to future POS will be able to be managed as both the POS and waste facility will be managed by the City. If rezoning of the area to POS progresses formally, DWER will be afforded to opportunity to provide comment as per standard processes. c) The Delegated Officer considers the supporting documentation Odour Screening Analysis and subsequent Operational Odour Analysis was undertaken in line with the Departments Odour Guidelines (See table 3 above). <p>The Delegated Officer sought internal advice on the Environmental Noise Assessment which indicated that whilst some inconsistencies were noted, Waste Transfer operations should be able to achieve assigned levels. An Acoustic Assessment for greenwaste shredding has been provided by the applicant and is considered in the noise</p>

Consultation method	Comments received	Department response
		<p>assessment detailed in section 2.3 above.</p> <p>Dust emissions from the waste transfer station and green waste shredding have been considered in table 3 above. It is noted that dust from vehicle movements will be mitigated by sealing of internal roads. Hours of operation have also been clarified with the applicant and hours of for construction activities have been conditioned within the works approval.</p> <p>d) The applicant has only applied for a portion of the site to be included in the prescribed boundary. The Delegated Officer considers that prescribed activities for the project have been captured within the premises boundary and application. Non prescribed activities occurring outside the premises boundary are not prescribed as detailed in Section 2.4. The applicant advised DWER on 30/8/2021 that household hazardous wastes are no longer proposed to be accepted</p>

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. Environmental Noise Branch (ENB) 2020, Noise Technical Advice for Works Approval W6461/2020/1
2. Department of Environment Regulation (DER) 2016, *Guidance Statement: Environmental Siting*, Perth, Western Australia.
3. DER 2017, *Guidance Statement: Risk Assessments*, Perth, Western Australia.
4. DER 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
5. Department of Water and Environmental Regulation 2019, *Guideline: Industry Regulation Guide to Licensing*, Perth, Western Australia.

Appendix 1: Summary of applicant's comments on risk assessment and draft conditions

Condition	Summary of applicant's comment	Department's response
Table 1 – Item 4	The applicant (The City) shall not be holding any hazardous waste materials on site	Reference to Hazardous Waste Storage removed from the Works Approval and Decision Report.
Table 1 – Item 5	Applicant confirming design specifications for the Acoustic Fence at WTS	Specifications for the Acoustic Fence included in the Works Approval.
Table 1 – Item 11	Applicant agreed to inform the CEO when infrastructure information is made available for Green Waste Grinding.	Noted
Decision Report – Point 2.2	Confirming location for the gross pollutant trap, oil separator and treatment infrastructure.	Incorporated into the Decision Report
Decision Report – Table 1 – Proposed applicant controls - Noise	Suggested change to wording.	Changes incorporated into the Decision Report
Decision Report – Table 1 – Proposed Applicant Controls - Noise	Confirming operating times and noting that refuse trucks operate on all public holidays, excluding Christmas Day.	Changes incorporated into the Decision Report and Works Approval

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY				
Application type				
Works approval	<input checked="" type="checkbox"/>			
Licence	<input 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		5/10/2020		
Applicant and Premises details				
Applicant name/s (full legal name/s)		City of Gosnells		
Premises name		Former Kelvin Road Waste Facility		
Premises location		Lot 4 on Diagram 16433, Volume 1688, Folio 285 Lot 241 on Plan 3327, Volume 1031, Folio 307		
Local Government Authority		City of Gosnells		
Application documents				
HPCM file reference number:		DER2018/001042-4~9		
Key application documents (additional to application form):		<i>Attachment 3B – Further Information</i> <ul style="list-style-type: none"> - <i>Proposed operations centre process,</i> - <i>Odour Assessment,</i> - <i>Environmental Noise Assessment</i> 		

	<ul style="list-style-type: none"> - <i>Noise Contour Plan</i> - <i>Consultation Documentation</i> - <i>Waste Acceptance</i> - <i>Confidential – Information to support proposed fee</i> 	
Scope of application/assessment		
Summary of proposed activities or changes to existing operations.	<p>New Works Approval for:</p> <p>Construction of a waste transfer station consisting of retaining/loading walls, supply and installation of purpose build (2 of) hoppers with tamping foot, control station and waste compactors on stands. Construction of fuel storage tanks.</p>	
Category number/s (activities that cause the premises to become prescribed premises)		
Table 1: Prescribed premises categories		
Prescribed premises category and description	Proposed production or design capacity	
Category 62: Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use	Proposed – 175,200 tonnes per year.	
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:
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Approval: Expiry date: If N/A explain why? Application made to the City and WAPC on 24 th June.

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: GWL 165417 .
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 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 / N/A 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 checked="" type="checkbox"/> No <input type="checkbox"/>	Possibly controlled waste and dangerous goods safety
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"/>	

<p>Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i>?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>Classification: possibly contaminated – investigation required (PC–IR) Date of classification: Feb 13 2014</p>
---	--	---