



Department initiated Amendment

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

Works Approval Number	W6537/2021/1
Works Approval Holder	City of Stirling
File Number	APP-0032506
Premises	Recycling Centre Balcatta 238 Balcatta Road, Balcatta BALCATTWA WA 6021 Legal description - Lot 45 on Plan 194142
Date of Report	9 March 2026
Decision	Revised works approval granted

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1. Decision summary

The Delegated Officer has determined to make amendments to Works Approval W6537/2021/1. 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 construction and operation of the Premises. As a result of this assessment, Revised Works Approval W6537/2021/1 has been granted.

The decision report for the Existing works approval will remain on the department's website for future reference and will act as a record of the department's decision making.

2. Scope of assessment

2.1 Regulatory framework

In amending the works approval, 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 Amendment/ summary

Works Approval W6537/2021/1 is held by City of Stirling (Works Approval Holder) for the Recycling Centre Balcatta (the Premises), located at located at 238 Balcatta Road, Balcatta WA.

The Premises relates to the category and the assessed production capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in existing Works Approval W6537/2021/1.

On 18 November 2025, the Department initiated an amendment to Works Approval W6537/2021/1 to add works that were unintentionally omitted from the initial works approval and the previous works approval amendment granted on 16 January 2025. The amendment is limited in scope and intended only to:

- Include the construction and operation of a sweeper tailings storage bunker;
- Include the construction and operation of two storage bunkers and
- Include the refurbishment of the existing stormwater pond.

No other changes to the approved activities, throughput, emissions, or regulatory conditions were assessed as part of this amendment.

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.

The storage bunkers were included in the original risk assessment for the works approval. The scope of this amendment is limited to reducing the number of bunkers, modifying the dimensions and the location of the storage bunkers, which have been relocated to the south-east of the waste transfer station. This modification does not change the risk assessment undertaken for Works Approval W6537/2021/1, granted on 17 May 2022, which is available on the Department's website.

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 Amendment Report are detailed in Table 1 below. Table 1 also details the proposed control measures the Works Approval Holder has proposed to assist in controlling these emissions, where necessary.

Table 1: Works Approval Holder controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Construction of sweeper tailing storage bunker Refurbishment of existing stormwater pond Vehicle movement	Air/windborne pathway	Use of onsite mobile water carts to suppress dust emission during construction works. Sealed surfaces throughout the WTS and Operational Area. Road sweeping will be undertaken across the site on a regular basis. Vehicles will be restricted to a maximum speed of 10km/hour, which will be signposted at appropriate locations including the entrance. A complaints register will be maintained to record and respond to any complaints regarding dust generated at the Site.
Noise		Air/windborne pathway	Vehicle movements will only occur during daytime hours, 7am to 7pm. Speed limits will be limited to 10 km/h.
Operation			
Leachate / contaminated stormwater.	Acceptance and storage of street sweepings	Overland runoff Seepage to soils and groundwater	A Surface Water Management System will be implemented to collect and manage clean surface water. Street sweeping will be stored on a hardstand and it will be bunded on three sides, connecting to a gross pollutant trap (GPT) before entering the stormwater system.
Dust	Acceptance and storage of street sweepings	Air/windborne pathway	Use of onsite mobile water carts to suppress dust emission during construction works. Sealed surfaces throughout the WTS and Operational Area. Road sweeping will be undertaken across the site on a regular basis. Vehicles will be restricted to a maximum speed of 10km/hour, which will be signposted at appropriate locations including the entrance.

Emission	Sources	Potential pathways	Proposed controls
			A complaints register will be maintained to record and respond to any complaints regarding dust generated at the Site.

3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), the Delegated Officer has excluded employees, visitors and contractors of the Works Approval 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 (*Guideline: Environmental siting* (DWER 2020)).

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

Human receptors	Distance from activity / prescribed premises
Residential Premises	170 m south of the premises boundary.
Industrial premises	Immediately adjacent to the WA premises boundary
Environmental receptors	Distance from activity / prescribed premises
Priority ecological communities	P3 - Banksia Woodlands of the Swan Coastal Plain ecological community – located within southwest corner of the of the premises boundary and surrounding
Geomorphic wetland - sumpland	Careniup Swamp – located 1.6 km west of the premises boundary
Public Drinking Water Source Area	Premises located within P3 - Perth Coastal and Gwelup Underground Water Pollution Control Area

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) 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 incomplete they have not been considered further in the risk assessment.

Where the Works Approval 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 Works Approval Holder'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 Works Approval 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 Works Approval W6537/2021/1 that accompanies this Amendment Report authorises construction and time-limited operations. The conditions in the Revised Works Approval 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. A risk assessment for the operational phase has been included in this Amendment 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	Works Approval Holder's controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls/ DWER comments
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Works Approval Holder's controls				
Construction								
Construction of sweeper tailing storage bunker	Dust	Air/windborne pathway causing impacts to health and amenity	Residences 170 m south of the premises boundary Industrial premises	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	Y	Conditions 1, 7 and 16	The Delegated Officer considers that the controls proposed by the applicant are sufficient to mitigate potential dust and noise emissions during construction activities.
Refurbishment of existing stormwater pond Vehicle movement	Noise		Immediately adjacent to the premises boundary	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	Y	Conditions 1, 7 and 16	
Operation (including time-limited-operations operations)								
Acceptance and storage of street sweepings	Leachate / contaminated stormwater.	Overland runoff potentially causing ecosystem disturbance or impacting surface water Seepage to soils and groundwater quality	Priority ecological communities Careniup Swamp ~1.6 km west of the premises boundary Perth Coastal and Gwelup Underground Water Pollution Control Area Gwelup Groundwater Area Groundwater users	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Conditions 1, 7 and 16	The Delegated Officer noted that road sweeper waste is already authorised to be accepted under the existing licence (L7201/1997/10) and considered that the applicant's proposed controls are sufficient to mitigate potential dust and leachate or contaminated stormwater during the time-limited operations.

Risk Event					Risk rating ¹ C = consequence L = likelihood	Works Approval Holder's controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls/ DWER comments
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Works Approval Holder's controls				
	Dust	Air/windborne pathway causing impacts to health and amenity	Residences 170 m south of the premises boundary Industrial premises Immediately adjacent to the premises boundary	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Conditions 1, 7 and 16	

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

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

4. Consultation

The Works Approval Holder was provided with the draft Amendment Report on 12 February 2026. Comments received from the Works Approval Holder on 6 March 2026 have been considered by the Delegated Officer as detailed in Appendix 1.

5. Conclusion

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

5.1 Summary of amendments

Table 4 below provides a summary of the proposed amendments and will act as a record of implemented changes. All proposed changes have been incorporated into the Revised works approval as part of the amendment process.

Table 4: Summary of works approval amendments

Condition no.	Proposed amendments
Condition 1: Table 1	Construction requirement added for the sweeper tailings storage area, storage bunkers and the stormwater pond
Condition 7 Table 2	Operational requirement added for the sweeper tailings storage area, storage bunkers and the stormwater pond.
Premises map	Updated the premises layout to reflect the inclusion of the sweeper tailings storage area and the stormwater pond. Added a layout figure for the sweeper tailings storage bunker. Added a layout figure for the stormwater pond.

References

1. *Department of Environment Regulation (DER) 2015, Guidance Statement: Setting Conditions, Perth, Western Australia.*
2. *Department of Water and Environmental Regulation (DWER) 2020, Guideline: Environmental Siting, Perth, Western Australia.*
3. *DWER 2020, Guideline: Risk Assessments, Perth, Western Australia.*

Appendix 1: Summary of Works Approval Holder's comments on draft amendment

Condition	Summary of Works Approval Holder's comment	Department's response
Item 1 - Condition 1: Table 1	The works approval holder has requested an amendment to the design specification for the U-shaped bunker. They are seeking to remove the requirement for the bunker to be divided into two compartments by a steel partition, as they do not intend to divide the structure into two sections.	Amended as requested following a review of the updated WTS floor plan.