



Application for Licence Amendment

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

Licence Number	L9248/2020/1
Licence Holder	G & G Corp Pty Ltd
ACN	080 673 374
File Number	DER2020/000151 and APP-0027539
Premises	WA Recycling Resource Recovery Centre Lot 144 Talbot Road, HAZELMERE WA 6055 Legal description - Lot 144 on Deposited Plan 4553 Certificate of Title Volume 1068 Folio 10
Date of Report	19 June 2025
Decision	Revised licence granted

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

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1. Decision summary

Licence L9248/2020/1 is held by G & G Corp Pty Ltd (Licence Holder) for the WA Recycling Resource Recovery Centre (the Premises), located at Lot 144 Talbot Road, Hazelmere, Western Australia.

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. As a result of this assessment, Revised Licence L9248/2020/1 has been granted.

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 12 February 2025, the Licence Holder submitted an application to the department to amend Licence L9248/2020/1 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). Considering the increase in throughput over the years, the licence holder has requested an amendment to increase Category 13 and Category 62 throughput from 400,000 tonnes per annum to 600,000 tonnes per annum to accommodate the future growth of the business. The proposed increase in throughput does not require a change or upgrade of machinery or facilities on the premises.

This amendment is limited only to changes to Category 13 activities from the Existing Licence. No changes to the aspects of the existing Licence relating to Category 61 and 62 have been requested by the Licence Holder.

Table 1 below outlines the proposed changes to the existing Licence.

Table 1: Proposed throughput capacity changes

Category	Current throughput capacity	Proposed throughput capacity	Description of proposed amendment
13	400,000 tonnes per annual period	600, 000 tonnes per annual period	Licence holder requested to increase category 13 throughput from 400,000 tonnes per annum to 600, 000 tonnes per annum
62	445,000 tonnes per annual period	600, 000 tonnes per annual period	Licence holder requested to increase category 62 throughput from 445,000 tonnes per annum to 600, 000 tonnes per annum

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 operation which have been considered in this Amendment Report are detailed in Table 2 below. Table 2 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 2: Licence Holder controls

Emission	Sources	Potential pathways	Proposed controls
Dust	Screening, crushing, unloading, loading and storage of construction and demolition (C& D) waste Vehicle movements	Air/windborne pathway	<ul style="list-style-type: none"> Treated drill spoil water will be used for dust control measures on site Dust suppression through reticulation/water cart Sprinkler system over stockpiles Restrict height of stockpiles to 10 metres from finished ground levels The entire site is surrounded by a perimeter fence Installed a new wind deflecting wall made of sea containers around the main stockpile area Tyre wash Limiting removal of soil/waste material to periods of favourable weather conditions or maintaining materials in a damp state Avoiding any activities that could generate dust when there is high winds Increasing water application to the stockpiles to ensure dampness and are checking more frequently during hot/windy weather Dampening of haul and access roads, loading areas and stockpile areas Maintaining road surfaces in good condition Implementing rehabilitation, revegetation, and vegetation enhancement programs for the site Resurfaced the driveway along the western side of the premises to reduce the dust from vehicles All machine operators have been communicated with work practices applied during windy condition
Noise		Air/windborne	<ul style="list-style-type: none"> Crusher/screener only to be operated between “day-time” hours (6am to 6pm, Mon – Sat).

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Emission	Sources	Potential pathways	Proposed controls
		ne pathway	<ul style="list-style-type: none"> The entire site surrounded by a perimeter fence Onsite mobile machinery to be maintained and operated well Avoiding the unnecessary revving of mobile machinery motors Maintaining excess road and hardstand surfaces in good condition
Asbestos		Air/windborne pathway	<p>The following management practices will be continued during pre-acceptance</p> <ul style="list-style-type: none"> Advising all customers that asbestos or potentially asbestos contaminated material is not accepted at WA Recycling Ensuring a “no asbestos” clause is included in all contracts with construction and demolition waste suppliers A clear visible sign saying “No Asbestos” is present at the entry to WA Recycling <p>The following management practices will be continued during waste Acceptance</p> <ul style="list-style-type: none"> Identify the source of the incoming load and determine the risk classification Confirm that the characteristics of the incoming waste are consistent with the waste types permitted by the licence Customer declaration of their incoming load is free from asbestos Visual inspection of all loads incoming to WA Recycling via CCTV system and physical inspection High risk load will be unloaded and spread material over a sufficient large area to enable a comprehensive physical inspection <p>If suspect asbestos containing material detected</p> <ul style="list-style-type: none"> Advise WA Recycling site supervisor immediately and isolate the load from the stockpile Keep the load wet and contained for further assessment Asbestos materials will be handled by trained and qualified personnel only Record the details of loads arriving/received at WA Recycling which have been found to contain asbestos <p>Waste recycling processing</p> <ul style="list-style-type: none"> Visually inspect waste at all stages of the recycling process

Emission	Sources	Potential pathways	Proposed controls
			<ul style="list-style-type: none"> Any suspect asbestos identified during the recycling process will be handled by trained and qualified personnel only <p>Recycled product monitoring and testing</p> <ul style="list-style-type: none"> Undertake visual inspections of the recycled product stockpile Collect samples and send for asbestos testing through NATA accredited laboratory (sampling frequencies were agreed with DWER) All test results are recorded to ensure traceability and compliance <p>All WA Recycling staff are required to complete the Asbestos Awareness Training as part of the induction process</p>
Contaminated /sediment laden stormwater		Overland runoff	<ul style="list-style-type: none"> No solid or liquid waste, or stormwater is discharged to water. In the event that fuel is stored onsite, all onsite fuel storage tanks will be above-ground and contained within a bunded area. Drill slurry will be unloaded in the dedicated hardstand portion of the site and will be fully contained within three sealed concrete tanks. All effluent from the ablution facilities will be treated and disposed of onsite using Aerobic Treatment Unit (ATU) system/s with treated wastewater to be disposed of within a suitably sized disposal area (to be calculated based on the ultimate number and size of the system/s used on site). Stormwater will be directed overland to the infiltration area in north-west of the site The loading/unloading area will be hardstand, minimising potential for any spills or leaks to discharge to land. Unprocessed materials will only be accepted from reputable sources, in line with the proponent's Asbestos Management Plan (AMP) and managed in accordance with statutory requirements/approvals Monitoring of the drill slurry water will be in accordance with the requirements detailed within current licence L9248/2020/1.

3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), 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 3 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 3: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Residential Premises	600m south zoned urban residential 940 m north-west zoned as rural residential
Industrial premises	Immediately adjacent to the north and west premises boundary
Environmental receptors	Distance from activity / prescribed premises
Proclaimed <i>Right in Water and Irrigation Act 1914</i> surface water area	Premises located within the Swan River System
Proclaimed <i>Right in Water and Irrigation Act 1914</i> groundwater area	Premises located within the Perth Groundwater Area
Geomorphic wetlands – Swan coastal plain	Helena River Floodplain/Swan Street –east of the premises boundary
Minor surface waterline	1.3 km north -east of the premises boundary
Surface water body	1.9 km south-west of the premises boundary
DBCA legislated lands	Nature reserve – 1 km south of the premises boundary
Bush forever area	Immediately adjacent to the east of the premises boundary
Priority ecological communities	priority 3 - Banksia Woodlands of the Swan Coastal Plain ecological community – 15 m east of the premises boundary
Threatened ecological community	Shrublands and woodlands of the eastern side of the Swan Coastal Plain - BCA Critically Endangered – within 100 m of the premises boundary <i>Banksia attenuata</i> woodlands over species rich dense shrublands - BCA Critically Endangered – within 120 m of the premises boundary
Threatened and priority flora	<i>Schoenus griffinianus</i> – within 200 m of the premises boundary
Threatened fauna	The following threatened fauna recorded within 1 km radius from the premises boundary <ul style="list-style-type: none"> • <i>carnaby's cockatoo- Zanda latirostris</i> • chuditch, western quoll - <i>Dasyurus geoffroii</i> • <i>quenda, southwestern brown bandicoot - Isoodon fusciventer</i>

Cultural receptors	Distance from activity / prescribed premises
Aboriginal heritage site	ACH-00016110 - Registered place – 50 m north of the premises boundary ACH-00003758 Helena River - Registered place – 475 m north of the premises boundary ACH-00003669 HIGH WYCOMBE: ADELAIDE ST S – registered place – 750 m south of the premises boundary

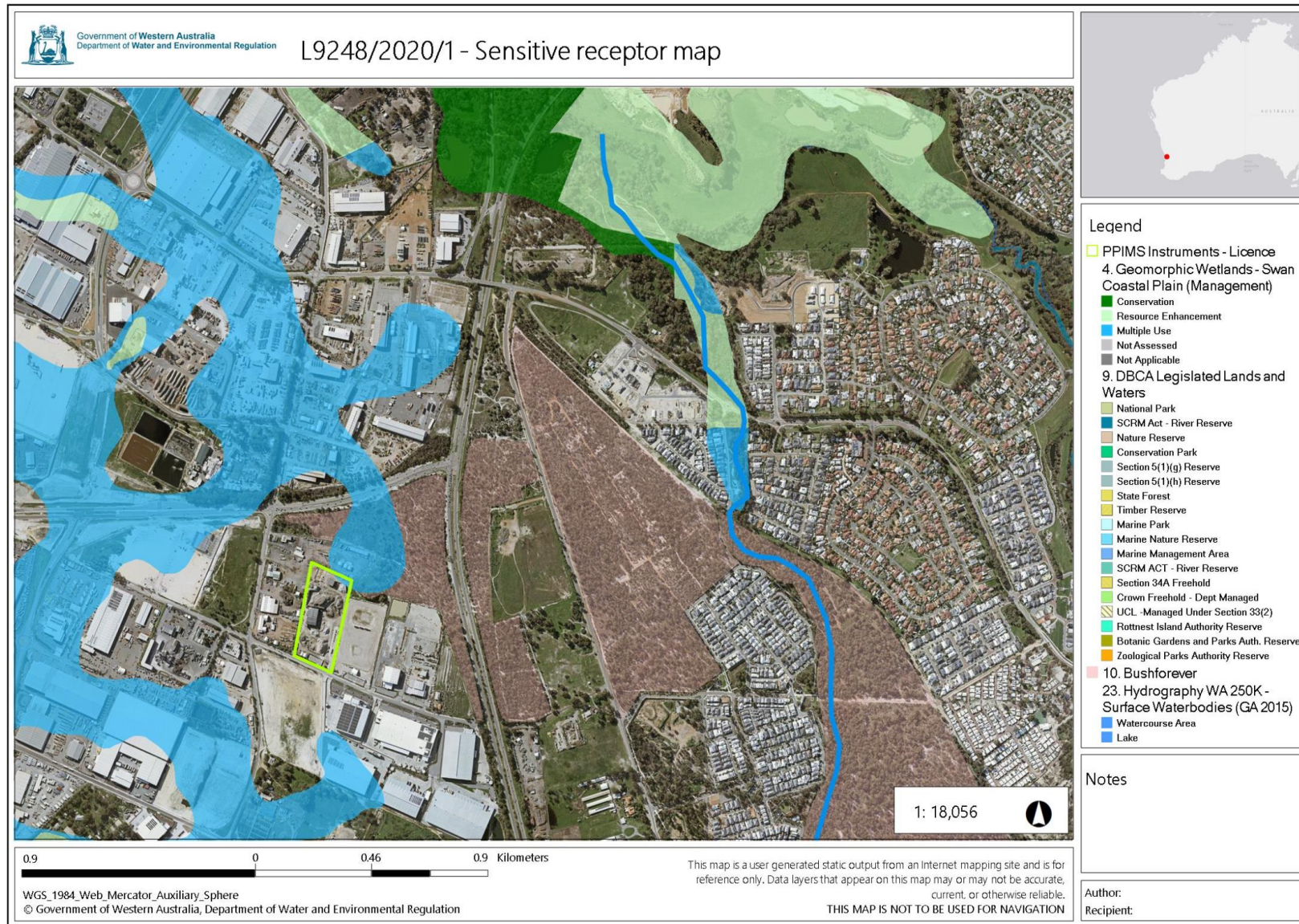


Figure 1: Distance to sensitive receptors

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IR-T15 Amendment report template v3.0 (May 2021)

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 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 4.

The Revised Licence L9248/2020/1 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises.

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

Table 4. 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				
Operations								
Screening, crushing, unloading, loading and storage of construction and demolition (C& D) waste Vehicle movements	Dust	Pathway: Air/windborne pathway Impact: Health and amenity	Residential Premises ~ 600 m south and 940 m north-west Adjacent industrial premises Nature reserve – 1 km south of the premises boundary Minor surface waterline ~ 1.3 km north -east of the premises boundary Surface water body ~ 1.9 km south-west of the premises boundary Threatened and priority ecological community	Refer to Section 3.1	C = Moderate L = Possible Medium Risk	Y	Condition 1, 3, 7, 6, 7, 8, 9, 10,11, 23, 28 and 32 Condition 1	DWER received multiple complaints for dust emissions during 2020 to 2022. In response to a 2023 compliance inspection the applicant implemented a number of additional controls for dust, including: <ul style="list-style-type: none">Installing a wind deflecting wall made of sea containers around the main stockpile area;Increasing water application to the stockpiles; andResurfacing the driveway. A revised Environmental Management Plan was also provided with the application. No dust complaints have been received by the department since 2022. The increased throughput does not require a change or upgrade of machinery or facilities on the premises. Also, stockpile height will not be increased. The sea container wall, noise paneling, and fencing have been added as infrastructure requirements under condition 1.

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				
	Noise			Refer to Section 3.1	C = Moderate L = Possible Medium Risk	Y	Condition 1, 3, 7, 28 and 32 Condition 24, 25, 26, 27	<p>The increased throughput does not require a change or upgrade of machinery or facilities on the premises. Material will continue to be crushed between the hours of 6am to 6pm Monday to Saturday.</p> <p>On 29 October 2021, a noise assessment report (Site Commissioning Acoustic Assessment, WA Recycling, Lot 144 Talbot Road, Hazelmere, 2021) was submitted by the licence holder to demonstrate compliance with conditions 24 to 27 of Licence L9248/2020/1. As a part of this amendment, the department reviewed the noise assessment report and noted that the assessment was conducted while the crusher and screening equipment were operating within the shed. Only other associated activities—such as excavators feeding the crusher, stockpile sorting, sand screening, use of loaders and a rock breaker, and truck movements—were occurring externally. At that time, DWER determined that noise emissions from the premises complied with the assigned levels under the <i>Environmental Protection (Noise) Regulations 1997</i>.</p> <p>However, on 20 May 2025, the licence holder confirmed that crushing and screening activities are</p>

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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				
								also taking place outside the shed. As a result of this change, the Delegated Officer considers the Site Commissioning Acoustic Assessment report and existing noise controls no longer valid for the increased throughput. Therefore, the Delegated Officer requires an additional noise assessment to be undertaken when the premises is operating at full capacity when the crusher is operating outside.
	Asbestos			Refer to Section 3.1	C = Severe L = Unlikely High Risk	Y	Condition 1, 2, 3, 4, 5, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 28 and 32	No additional regulatory controls have been added. The existing licence contains conditions to manage the risk of asbestos.
	Contaminated /sediment laden stormwater	Pathway: Overland runoff Impact: Ecosystem disturbance or impact to surface water quality	Residential Premises ~ 600 m south and 940 m north-west Adjacent industrial premises Nature reserve – 1 km south of the premises boundary Minor surface waterline ~ 1.3 km north -east of the premises boundary Surface water body	Refer to Section 3.1	C = Minor L = Rare Low Risk	Y	Condition 1, 3, 7, 30 and 32	No additional regulatory controls have been added. The existing licence contains conditions to manage the risk of contaminated stormwater.

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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				
			~ 1.9 km south-west of the premises boundary Premises within proclaimed RIWI surface and groundwater area					

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

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

Table 5: Consultation

Consultation method	Comments received	Department response
Local Government Authority advised of proposal on 2 April 2025	<p>The City of Swan replied on 2 April 2025, confirming that the subject property is zoned 'General Industry' under the City of Swan Local Planning Scheme No. 17 and 'Industrial' under the MRS, and also the city confirmed that the City granted approval for a Recycling Recovery Facility on 01/10/2019.</p> <p>Furthermore, the city stated that they have no objection to the proposed amendment due to that involving an increase in the volume of Category 13 from 400,000 tonnes per annum to 600,000 tonnes per annum only, with no changes to the existing approved machinery or facilities on the premises.</p>	Noted.
Works Approval Holder was provided with draft amendment on 20 May 2025	Refer to appendix 1	Refer to appendix 1

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 6 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 6: Summary of licence amendments

Revised licence condition	Existing condition	Proposed amendments
Cover page	Cover page	<p>Added Environmental Online (EO) instrument internal number and date of amendment into the cover page.</p> <p>Updated the category 13 and 62 assessed production/design capacity.</p>
Licence history	Licence history	Updated the licence history table.
Condition 1 Table 1	Condition 1 Table 1	Added the existing sea container wall and 2.4 m height solid fence and their operational requirements into the infrastructure table.
Condition 7; table 3	Condition 7; table 3	Updated the waste process limits for category 13

Revised licence condition	Existing condition	Proposed amendments
N/A	Condition 24	Conditions updated after reviewing noise assessment report submitted on 29 October 2021.
N/A	Condition 25	
N/A	Condition 26	
N/A	Condition 27	
Condition 30	Condition 34	Revised to current licensing format.
Schedule 1: premises map	Schedule 1: premises map	Replaced an updated premises map. Figure 2 added

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.
4. Herring Storer Acoustics 2021, *Site Commissioning Acoustic Assessment*, WA Recycling, Lot 144 Talbot Road, Hazelmere.

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

Condition	Summary of Licence Holder's comment	Department's response
Condition 1; Table 1- Item 3; Mobile crusher	The licence holder has requested the removal of the requirement stating that "a wind shield and cover are provided for conveyors as required" from the licence. The licence holder has confirmed that wind shields, and conveyor covers were not installed on the premises.	The requirement for wind shields and covers on conveyors was originally included based on the information provided in the Environmental Management Plan (EMP). The delegated officer notes that the EMP contained false information. The requirement to have windshields has been removed, however additional other dust controls have been added to the licence e.g. sea container wall and perimeter fencing.
Condition 1; Table 1- Item 4; Mobile screens	The licence holder has requested the removal of the requirement stating that "a wind shield and cover are provided for conveyors as required" from the licence. The licence holder has confirmed that wind shields, and conveyor covers were not installed on the premises.	As above
Condition 1; Table 1- Item 14: sea container wall	The licence holder has requested an update to the details of the sea container wall, clarifying that it is constructed on only two sides.	The condition has been amended as requested, to reflect the accurate location of the sea container walls. Schedule 1 – Figure 2 has been added to the licence to show the location of the existing sea container walls within the premises
Condition 1; Table 1- Item 15: 2.4 high solid fence	The licence holder has requested an update of the condition stating that "the existing 2.4m high solid fence be maintained around the perimeter boundary".	Table 1 of the licence lists existing infrastructure and the wording of the condition implies that the fence is already in place i.e Must be maintained. The delegated officer has not implemented this change.
Condition 7; Table 3	The licence holder has requested the removal of the requirement stating that "crushing and screening is to occur within the enclosed RRC shed," as these activities are now also being conducted outside the shed.	The Delegated Officer noted that the requirement for crushing and screening to occur within the enclosed RRC shed was based on information provided in several supporting documents submitted with the application. The delegated officer notes that false information was provided in the application. This condition was included in the licence as a control measure for dust and noise emissions. However, as the licence holder has confirmed that crushing and screening activities are now also conducted outside the shed, the condition has been amended accordingly. The delegated officer has required that another noise assessment be undertaken when operating at the full capacity to ensure that the activities can comply with the Noise Regulations.