



# Decision Document

## *Environmental Protection Act 1986, Part V*

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**Proponent:** Peel Resource Recovery Pty Ltd

**Licence:** L8585/2011/1

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**Registered office:** 6 Parkfield Street  
BUNBURY WA 6230

**ACN:** 149 428 697

**Premises address:** Pinjarra Transfer Recycling Facility  
Lot 239, 49 Munday Avenue  
PINJARRA WA 6208  
As depicted in Schedule 1

**Issue date:** Thursday, 08 September 2011

**Commencement date:** Monday, 12 September 2011

**Expiry date:** Sunday, 11 September 2016

### **Decision**

Based on the assessment detailed in this document the Department of Environment Regulation (the DER), has decided to issue a works approval. The DER considers that in reaching this decision, it has taken into account all relevant considerations and legal requirements and that the Works Approval and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by: Damian Thomas  
Licensing Officer

Decision Document authorised by: Caron Goodbourn  
Delegated Officer



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## 1 Purpose of this Document

This decision document explains how the DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.



## 2 Administrative summary

| Administrative details   |   |   |
|--|---|---|
| Application type   | Works Approval <input type="checkbox"/>               | New Licence <input type="checkbox"/>                                |
|  | Licence amendment <input checked="" type="checkbox"/> | Works Approval amendment <input type="checkbox"/>                   |
| Activities that cause the premises to become prescribed premises   | <b>Category number(s)</b>                             | <b>Assessed design capacity</b>                                     |
|  | 62  | 100, 000 tonnes per annual period                                   |
|  | 13  | 60,000 tonnes per annual period                                     |
| Application verified   | Date: N/A   |   |
| Application fee paid   | Date: N/A   |   |
| Works Approval has been complied with  | Yes <input type="checkbox"/>                          | No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |
| Compliance Certificate received  | Yes <input type="checkbox"/>                          | No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |
| Commercial-in-confidence claim   | Yes <input type="checkbox"/>                          | No <input checked="" type="checkbox"/>                              |
| Commercial-in-confidence claim outcome   | Not applicable  |   |
| Is the proposal a Major Resource Project?  | Yes <input type="checkbox"/>                          | No <input checked="" type="checkbox"/>                              |
| Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?          | Yes <input type="checkbox"/>                          | No <input checked="" type="checkbox"/>                              |
| Is the proposal subject to Ministerial Conditions?   | Yes <input type="checkbox"/>                          | No <input checked="" type="checkbox"/>                              |
|  |   |   |
| Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i> )? | Yes <input type="checkbox"/>                          | No <input checked="" type="checkbox"/>                              |
|  |   |   |
| Is the Premises within an Environmental Protection Policy (EPP) Area   | Yes <input checked="" type="checkbox"/>               | No <input type="checkbox"/>   |
| Lot 239 is located within the <i>Environmental Protection (Peel Inlet-Harvey Estuary) Policy 1992</i> area   |   |   |
| Is the Premises subject to any EPP requirements?   | Yes <input type="checkbox"/>                          | No <input checked="" type="checkbox"/>                              |



### 3 Executive summary of proposal and assessment

The licence amendment application has been submitted by Peel Resource Recovery Pty Ltd (PRR) (Applicant) for the addition of a Screening machine to screen and sort reclaimed sand and a Crushing machine to crush building material at the Pinjarra Transfer Recycling Facility (PTRF) Category 62 Solid waste facility prescribed premises situated on Lot 239, 49 Munday Avenue Pinjarra, Western Australia. The PTRF is currently licensed under Licence L8585/2011/1 to operate the PTRF and the addition of both a Screening and a Crushing machine requires a works approval under section 53 of the *Environmental Protection Act 1986* (the Act). This application is to give effect to section 53 of the Act via a licence amendment.

PTRF is a waste transfer recycling station located in the town of Pinjarra, approximately 86 kilometres south of Perth. It is located in the Pinjarra Industrial Estate and surrounded by rural dwellings and activities. PTRF accepts waste building materials and green waste from the greater Bunbury region for sorting and recycling. Waste is unloaded and sorted inside the PTRF building. All screening/sorting and crushing operations occur inside the building.

Currently the PRR receives approximately 60,000 tonnes per annual period of construction and demolition (C&D) waste at the PTRF. PRR propose to process this 60,000 tonnes further using a Screening and a Crushing machine on site to recycle 95% of this material. The screened reclaimed sand will be sold back to the community. Light materials like wood, plastic and paper (very small quantities) will be stored and sent to the PRR Stanley Road licenced premises for further recycling. C&D waste such as bricks, tiles and concrete will be crushed on site. A Loader will be used to load both the Screen and Crusher.

The PTRF currently comprises a dedicated sorting shed which is 40.6m by 25m in dimension where C&D waste is delivered directly into the shed. C&D waste is sorted inside the shed with an excavator and then loaded into trucks for delivery or further processing offsite. PRR are proposing to site a Screen and a Crusher machine half inside the shed (conveyor systems outside) to facilitate screening and crushing of C&D waste. The Screen will be used one day a week between Monday and Friday for only five hours that day (business hours are 8am to 4pm). The Crusher will be used once a month and for no more than 5 hours that day once PRR has a 200m<sup>3</sup> stockpile of clean concrete material to crush. PRR have advised that the Screen and Crusher will never be used together at the one time. The site is fully sealed with bitumen and the floor of the shed is concrete and there is an extensive concrete floor apron that surrounds the shed. Material that has been screened or crushed will fall onto the concrete floor and then be transferred to the back of the Lot into stockpiles for sale.

The maximum annual production and design capacity for the PTRF will be 60 000 tonnes.

Decision Document is based on an assessment of the Applicant's application for DER Licence amendment dated August 2015 an emailed dated 10 December 2015 with additional supporting information and Planning Approval submitted 13 January 2016. The licence has been updated to the current DER template.

This Decision Document identifies the risks of the Application and the proposed controls for these risks. In Summary:

- The works approval will be granted subject to the controls and likely conditions for the Licence described in section 4 of this draft Decision Document; and
- The Applicant may operate the Crusher and Screen once they have complied with the licence condition that will require a Compliance Certificate be submitted to the CEO prior to operation of the Crusher and Screen, advising that the works have complied with licence conditions.



### Location and siting

The PTRF premises location current features are:

- Geology: The Applicant has not submitted information in relation to the geology at the premises.
- Land use: The site is an existing recycling facility. Lot 239 Munday Avenue is located within the Landcorp Subdivision at the Pinjarra Industrial Estate. Surrounding land use includes rural dwellings and activities.
- Topography: Topographic conditions have not been described by the Applicant. It is noted that the site is fully sealed with a gradient to allow stormwater and water from the shed mist-system to flow into dedicated silt traps prior to entering swales on the premises boundary.

The DER (2015) *Guidance Statement: Separation distances (Draft released for consultation)* identifies that separation distances for solid waste facilities for noise, dust and odour emissions is 200m.

Potential sensitive receptors in the vicinity of the SF premises are:

- Groundwater: The depth to groundwater is approximately 2m.
- Surface water: Conservation wetlands and threatened plant communities are located approximately 500 metres to the north of the site. The land between the proposed facility and the wetlands is largely cleared industrial land or cleared rural property.
- Existing residences and landowners: The nearest rural residence is approximately 260 metres east from the facility and urban area approximately 700 metres from the facility.

### Proposed works

The Applicant proposes the following works at the PTRF:

- The C&D Screening plant will comprise a McCloskey R115 plant. The Screen will comprise a belt feed conveyor, collection conveyor, tail conveyor, fine product conveyor, fine product side conveyor, mid product side conveyor, apron feed conveyor and screen box.
- The C&D Crusher will comprise a McCloskey J50 model crushing chamber, pan feeder, grizzly pre-screen, hopper, side conveyor and main conveyor. The Screen and Crusher will be delivered to site and tracked into position within the shed. The screen and crusher will sit within door D3 frame so that the screen and crusher infrastructure will be within the PTRF shed while the conveyor systems will extend outside of the shed to deposit screen or crushed waste material onto the concrete apron adjacent to the shed. The position of the screen or crusher within door D3 will ensure that waste is screened or crushed inside the shed while waste is conveyed to and deposited onto the concrete apron adjacent to door D3. Positioning the screen or crusher within the shed ensures dust and noise emissions are managed while depositing the screened or crusher material on the concrete apron out of door D3 allows ease of materials handling for recycling.
- There will be no construction works required post-delivery of screen and crusher plant. The plant will be tracked into position at door D3 of the shed.
- Both the Screen and Crusher are mobile plant.

### Potential emissions

Potential emissions as a result of the works and operation of the works at the PTRF are:

- Dust: Potential emissions may arise from the operations of the Crusher and Screen; and
- Noise: Potential emissions may arise from the construction and operations of the Crusher and Screen.

Further details of emissions and regulatory controls for the PTRF are detailed within section 4 of the Decision Table.



### **Occupation and planning approval**

The local government authority is the Shire of Murray. Planning approval has been granted for the development for the PTRF by the Shire of Murray under the provisions of the Shire of Murray Town Planning Scheme No. 4, subject to compliance with development conditions. The premises will be able to discharge stormwater into a swale on a separate block. Management of this will be the responsibility of the Shire of Murray.

Planning Approval for the Crushing and Screening has been granted under the provisions of the Shire of Murray Town Planning Scheme No.4 on 13 January 2016. Planning Approval requires the development to be undertaken in accordance with the submitted application and is subject to compliance with the following:

1. The 3m high earth noise bund to the rear of the property will be vegetated with native species endemic to the area; and
2. The operation of the crusher and reclaimer (screen) is restricted to weekdays, Monday through to Friday, excluding public holidays, between the hours of 9am and 4pm.

The Approval is valid in relation to the two compliance requirements above for two years until 12 January 2018.

### **Approval of works**

This Decision Document and the Licence specifies the assessment of the Application and regulatory requirements for the PTRF works to proceed.

## **4 Decision table**

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.



| DECISION TABLE                   |   |   |   |
|----------------------------------|---|---|---|
| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L = Licence | Justification (including risk description & decision methodology where relevant)  | Reference documents   |
| Interpretation                   | L1.1.1 – 1.1.4  | <p><b>Operation</b><br/>Conditions 1.1.1 – 1.1.4 require that terminology used within the Works Approval is referenced to the appropriate definitions where applicable and that any reference to a standard or guideline is to the most current version of that standard or guideline.</p> <p>Operation is subject to the general provisions of the <i>Environmental Protection Act 1986</i>. Category 62 and 13 activities fall under Schedule 1 Part 2 of the <i>Environmental Protection Regulation 1987</i> and are subject to existing licence L8585/2011/1.</p>   | <p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>L8585/2001/1</p> |
| General conditions               | N/A   | <p>Previous conditions 1.1.5, 1.2.1, 1.2.2 and 1.2.3 have all been removed from the licence in line with DER's Guidance Statement Redundant Conditions.</p> <p><i>Emission:</i> The quality of stormwater discharged from the Premises may deteriorate where stormwater is not appropriately managed or comes into contact with contaminants (e.g. hydrocarbons or cement) or becomes loaded with sediment.</p> <p><i>Impact:</i> Stormwater and contaminants leaving the Premises and entering adjacent properties may potentially impact the health, welfare, convenience, comfort or amenity of those residences, or increase contaminant loads in surface water and/ or groundwater.</p> <p><i>Controls:</i> The site is fully sealed with a gradient to allow stormwater and water from the shed mist-system to flow into dedicated silt traps prior to entering swales at the premises boundary. The swales are located on an adjacent Lot and management of the swales is the responsibility of the Shire of Murray.</p> <p><u>Risk assessment:</u><br/> <i>Consequence:</i> Insignificant<br/> <i>Likelihood:</i> Possible<br/> <i>Risk Rating:</i> Low</p> |   |



| DECISION TABLE                   |  |  |   |
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| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)   | Reference documents   |
|                                  |  | <p><u>Regulatory controls:</u><br/>Previous licence condition 1.2.4 has been removed from the licence. It is considered that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> and the provisions of the <i>Environmental Protection (Unauthorised Discharge) Regulations 2004</i> are sufficient to regulate the emissions of stormwater during operation.</p> <p><u>Residual risk:</u><br/><i>Consequence:</i> Insignificant<br/><i>Likelihood:</i> Unlikely<br/><i>Risk Rating:</i> Low</p>  |   |
| Premises operation               | L1.2.1-1.2.13  | <p><b>Construction</b><br/>The Applicant has applied for a licence amendment to allow the construction and operation of a screen and a crusher to process recycled waste at the PTRF.</p> <p>Condition 1.2.8 has been added to the licence to allow construction of the screen and the crusher and associated infrastructure according to the submitted application.</p> <p>Condition 1.2.9 has been added to the licence to ensure the crusher and screen is constructed according to the application. The screen and crusher will sit within door D3 frame so that the screen and crusher infrastructure will be within the PTRF shed while the conveyor systems will extend outside of the shed to deposit screen or crushed waste material onto the concrete apron adjacent to the shed. The position of the screen or crusher within door D3 will ensure that waste is screened or crushed inside the shed while waste is conveyed to and deposited onto the concrete apron adjacent to door D3. Positioning the screen or crusher within the shed ensures dust and noise emissions are managed while depositing the screened or crusher material on the concrete apron out of door D3 allows ease of materials handling for recycling.</p> <p>Condition 1.2.10 stipulates that the screen and crusher meet specific construction specifications.</p> | <p>Application supporting documentation</p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i></p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>L8585/2011/1</p> |





| DECISION TABLE                   |  |   |                     |
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| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)  | Reference documents |
|                                  |  | <p>Condition 1.2.11 stipulates that the Licensee must notify the CEO if there are any departures from the specified construction requirements.</p> <p>Condition 1.2.12 requires the Licensee to submit a construction compliance report with specified information in condition 1.2.13 that must be signed by a person who is authorised to represent the Licensee. Once condition 1.2.12 and 1.2.13 have been complied with the Licensee can operate the screen or crusher as long as they meet compliance with Licence L8585/2011/1</p> <p><b>Operation</b></p> <p>Condition 1.2.1 has been amended to reflect the maximum combined total of 100,000 tonnes of waste be accepted for recycling at the PTRF. The 5000 tonne throughput limit for putrescible waste has been added, taken from the previous application to receive putrescible waste at the facility.</p> <p>Condition 1.2.3 (Table 1.2.2) has been amended to: allow operation of the screen or crusher post construction and submission of the compliance certificate. The conditions reflect the commitments made in the application. Not more than 60,000 tonnes of building waste may be crushed and screened per annual period as was the figure applied for and assessed;</p> <ul style="list-style-type: none"><li>- Crushed glass source has been included as a putrescible waste due to its source and organic content, reflecting potential odour emissions from decomposition. See odour section.</li></ul> |                     |



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|----------------------------------|--|--|---|
| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)   | Reference documents   |
| Fugitive emissions               | N/A  | <p><b>Construction</b></p> <p><u>Emission description:</u><br/> <i>Emission:</i> Dust arising from tracking the screen and crusher into position.<br/> <i>Impact:</i> Reduced local air quality from airborne particulates is possible. The closest receptors are 260-700m from the premises. Additional receptors adjacent and nearby the Premises include industrial and rural premises.<br/> <i>Controls:</i> The proponent will manage dust emissions through the implementation of the following measures:</p> <ul style="list-style-type: none"> <li>• The PTRF shed has an existing internal water–misting system to manage dust emissions inside the shed created by processing waste.</li> <li>• The PTRF shed floor is concrete.</li> <li>• The area surrounding the PTRF shed is bitumen.</li> </ul> <p><u>Risk assessment:</u><br/> <i>Consequence:</i> Insignificant<br/> <i>Likelihood:</i> Possible<br/> <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u><br/>           It is not expected that dust emissions will be generated when the screen and crusher is offloaded at the premises and tracked into position. It is considered that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> are sufficient to regulate dust emissions during construction.</p> <p><u>Residual risk:</u><br/> <i>Consequence:</i> Insignificant<br/> <i>Likelihood:</i> Possible<br/> <i>Risk Rating:</i> Low</p> | <p>Section 49 of the <i>Environmental Protection Act 1986</i></p> <p>L8585/2001/1</p> |



| DECISION TABLE                   |  |  |  |
|----------------------------------|--|--|--|
| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)   | Reference documents  |
|                                  |  | <p><b>Operation</b></p> <p><u>Emission description:</u><br/> <i>Emission:</i> Dust arising from crusher or screen operations.<br/> <i>Impact:</i> Reduced local air quality from airborne particulates is possible. The closest receptors are 260-700m from the premises. Additional receptors adjacent and nearby the Premises include industrial and rural premises.<br/> <i>Controls:</i> The proponent has a dedicated water-misting system installed within the PTRF shed to manage dust emissions for recycling operations. Loads will be wet and moist before being processed by the screen or crusher. The crusher is equipped with an internal dust suppression system. Site speed limit of 8km/hr.</p> <p><u>Risk assessment:</u><br/> <i>Consequence:</i> Insignificant<br/> <i>Likelihood:</i> Possible<br/> <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u><br/>           Previous licence condition 2.6.1 and 2.6.2 have been removed from the licence. It is considered that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> and Condition 1.2.3 Table 1.2.2 are sufficient to regulate dust emissions during crushing and screening operations.</p> <p><u>Residual risk:</u><br/> <i>Consequence:</i> Insignificant<br/> <i>Likelihood:</i> Possible<br/> <i>Risk Rating:</i> Low</p> |  |
| <b>Odour</b>                     | N/A  | <p><b>Construction</b></p> <p>There will be no odour emissions during construction.</p>  | Section 49 of the <i>Environmental Protection Act 1986</i> |



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|----------------------------------|--|---|---------------------|
| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)  | Reference documents |
|                                  | L2.8   | <p><b>Operation</b></p> <p><u>Emission description:</u><br/> <i>Emission:</i> Odour arising from the decomposition of green waste and crushed glass source organic material accepted to the PTRF shed.<br/> <i>Impact:</i> Unreasonable odour that may interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the premises. The closest receptors are 260-700m from the premises. Additional receptors adjacent and nearby the Premises include industrial and rural premises.<br/> <i>Controls:</i> There is no putrescible waste except greenwaste and crushed glass source material that is accepted on site. Greenwaste does not generally produce odour. Crushed glass source material can produce odour due to the organic (food/beverage waste) content. Crushed glass putrescible waste is stored and sorted within a dedicated area separate to all other waste inside the PTRF shed which is enclosed and has concrete bunded floor which is impermeable to prevent run-off and acceptance of putrescible waste is limited to 5000 tonnes per annual period. All putrescible waste must be removed from the PTRF by close of business every Friday and no putrescible waste is to be crushed on site. As the crushed glass is stored inside the shed there is very limited potential for the glass to generate leachate before it is removed from the premises. All other waste accepted at the premises is inert waste and is unlikely to produce odour.</p> <p><u>Risk assessment:</u><br/> <i>Consequence:</i> Insignificant<br/> <i>Likelihood:</i> Possible<br/> <i>Risk Rating:</i> Low</p> <p><u>Regulatory controls:</u><br/>           Previous licence condition 2.7.1 has been removed from the licence. It is considered that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> and condition 1.2.1 Table 1.2.1 and 1.2.3 Table 1.2.2 are sufficient to regulate odour emissions during operations.</p> | L8585/2001/1        |



| DECISION TABLE                   |  |  |  |
|----------------------------------|--|--|--|
| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)   | Reference documents                                      |
|                                  |  | <u>Residual risk:</u><br><i>Consequence:</i> Insignificant<br><i>Likelihood:</i> Possible<br><i>Risk Rating:</i> Low   |  |
| Noise                            | N/A  | <p><b>Construction</b></p> <p><u>Emission description:</u><br/> <i>Emission:</i> Noise arising from moving the screen or crusher into position at door D3.<br/> <i>Impact:</i> Interference with the health, welfare, convenience, comfort or amenity of sensitive residential receptors, the closest resident is 260m east of the premises.<br/> <i>Controls:</i> The Applicant has provided an Environmental Acoustic Assessment (AA) in the application but it appears the assessment is for operations without the screen or crusher. The AA also recommends that the underside of the PTRF shed roof will need to be lined with 50mm thick foil faced Anticon to manage noise emissions. Applicant has committed to only undertaking works during normal business hours; Monday to Friday 9am to 4pm only (no public holidays or weekends). The movement of the screen or crusher from the drop-off area at the premises to door D3 is very small so noise emissions for construction would constitute a very negligible percentage of overall noise emissions at the premises.</p> <p><u>Risk assessment:</u><br/> <i>Consequence:</i> Insignificant<br/> <i>Likelihood:</i> Likely<br/> <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory controls:</u><br/>           It is considered that the provisions of <i>Environmental Protection (Noise) Regulations 1997</i> will be sufficient to regulate noise emissions during construction.</p> <p><u>Residual risk:</u><br/> <i>Consequence:</i> Insignificant</p> | <i>Environmental Protection (Noise) Regulations 1997</i> |



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|                                  |  | <p><i>Likelihood:</i> Likely<br/><i>Risk Rating:</i> Moderate</p> <p><b>Operation</b><br/><u>Emission description:</u><br/><i>Emission:</i> Noise arising from operating the screen or crusher at the PTRF.<br/><i>Impact:</i> Interference with the health, welfare, convenience, comfort or amenity of sensitive residential receptors, the closest resident is 260m east of the premises.<br/><i>Controls:</i> The Applicant has provided an Environmental Acoustic Assessment (AA) in the application but it appears the assessment is for operations without the screen or crusher. The AA advises that for the hours of operation the PTRF would be deemed to comply with the requirements of the <i>Environmental Protection (Noise) Regulations 1997</i>. The AA also recommends that the underside of the PTRF shed roof will need to be lined with 50mm thick foil faced Anticon to manage noise emissions. Applicant has committed to only undertaking operations during normal business hours; Monday to Friday 9am to 4pm only (no public holidays or weekends). The screen and crusher will be placed inside door D3 to manage noise emissions. The operation of the screen is limited to one day per working week for a maximum of 5 hours in that day. The operation of the crusher is limited to a maximum of one day a month and for no more than 5 hours. The crusher and the screener will not operate together at any time one time. The Shire of Swan Planning Approval requires the construction of a 3m vegetated noise bund within the Power Transmission easement to the east of the PTRF shed as shown on the map in Schedule 1. The requirement to construct the bund wall has not been included in the licence as it is not within the premises boundary and can be regulated by the Shire.</p> <p><u>Risk assessment:</u><br/><i>Consequence:</i> Insignificant<br/><i>Likelihood:</i> Possible<br/><i>Risk Rating:</i> Low</p> |                     |



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| Works Approval / Licence section | Condition number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)   | Reference documents   |
|                                  |  | <p><u>Regulatory controls:</u><br/>The AA advises that for the hours of operation the PTRF (without consideration of the crusher and screen) would be deemed to comply with the requirements of the <i>Environmental Protection (Noise) Regulations 1997</i>. It is considered that the provisions of <i>Environmental Protection (Noise) Regulations 1997</i> and condition 1.2.3 Table 1.2.2 will be sufficient to regulate noise emissions during operation.</p> <p><u>Residual risk:</u><br/><i>Consequence:</i> Insignificant<br/><i>Likelihood:</i> Possible<br/><i>Risk Rating:</i> Low</p> |   |
| Improvement                      | N/A  | <p><b>Operations</b><br/>Previous condition 4.1.1 has been removed from the licence as the Licensee has complied with the requirements of the submission of the Asbestos Management Plan (AMP). Licence condition 1.2.3 requires compliance with the AMP.</p>  | <p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>L8585/2001/1</p> |
| Information                      | 3.1.4<br>3.2.1                                       | <p>Conditions 3.1.4 and 3.2.1 have been amended to include records for waste types and volumes of material screened and crushed.</p>   | <p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p>L8585/2001/1</p> |



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| <b>Works Approval / Licence section</b> | <b>Condition number<br/>W = Works Approval<br/>L= Licence</b> | <b>Justification (including risk description &amp; decision methodology where relevant)</b>   | <b>Reference documents</b>  |
| <b>Licence duration</b>                 | N/A   | <p>The Licence was originally granted for five years; until September 2016.</p> <p>DER Guidance Statement on Land Use Planning 4(e) states;<br/>DER will:<br/>(e) take the duration of planning approvals into account when determining the duration of works approval, licences or permits granted under the EP Act, consistent with DER's Guidance Statement: Licence duration.</p> <p>Shire of Murray (SoM) provided the Licensee a letter of Planning Approval on 13 January 2016. SoM have given PRR Planning Approval for the Crushing and Screening at Lot 239 Munday Avenue, however PRR must comply with two compliance requirements for a vegetated noise bund not located on the premises that requires construction within two years from the date of the approval letter expiring January 2018. This compliance requirement does not affect the licence duration. SoM have confirmed this with DER on 28/1/2016. As there are no Planning approval issues the licence duration has not been altered nor does it warrant altering as a consequence of this licence amendment application.</p> | <p>Department of Environment Regulation 2015, <i>Guidance statement: Licence duration</i></p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p> |





## 5 Advertisement and consultation table

| Date      | Event                                    | Comments received/Notes                           | How comments were taken into consideration                               |
|-----------|--|---|--|
| 28/1/2016 | Proponent sent a copy of draft amendment | Proponent provided comments on Planning Approval. | Comments considered and wording in licence duration amended accordingly. |



## 6 Risk Assessment

*Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management*

**Table 1: Emissions Risk Matrix**

| Likelihood     | Consequence   |          |          |          |         |
|----------------|---------------|----------|----------|----------|---------|
|                | Insignificant | Minor    | Moderate | Major    | Severe  |
| Almost Certain | Moderate      | High     | High     | Extreme  | Extreme |
| Likely         | Moderate      | Moderate | High     | High     | Extreme |
| Possible       | Low           | Moderate | Moderate | High     | Extreme |
| Unlikely       | Low           | Moderate | Moderate | Moderate | High    |
| Rare           | Low           | Low      | Moderate | Moderate | High    |