

20/07/2016

The Registrar
Office of the Environmental Protection Authority
Locked Bag 10
EAST PERTH, WA 6892

Dear Sir/Madam,

Office of the Environmental Protection Authority	
File: _____	
21 JUL 2016	
A:	<input type="checkbox"/> For Information
fa:	<input type="checkbox"/> For Discussion
Officer:	<input type="checkbox"/> For Action
<input type="checkbox"/> Dir.AC	Response please:
<input type="checkbox"/> Dir. Bus Ops	<input type="checkbox"/> GM Signature
<input type="checkbox"/> Dir. SPPD	<input type="checkbox"/> Dir for GM (copy to GM)
<input type="checkbox"/> Dir. Strat Sup	<input type="checkbox"/> Dir Signature (copy to GM)
<input type="checkbox"/>	<input type="checkbox"/> Mgr Direct (copy to GM)



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REFERRAL OF PROPOSAL TO DEVELOP A WASTE TRANSFER AND RESOURCE RECOVERY FACILITY UNDER SECTION 38 OF THE ENVIRONMENTAL PROTECTION ACT 1986 - 25 JACKSON STREET, BASSENDEAN

Aurigen Group Limited (Aurigen) is a private waste service provider that specialises in a variety of services to domestic, industrial and local government clients including resource recovery, waste logistics, waste disposal and commodity aggregation and trading. Aurigen recently acquired a lease on 25 Jackson Street, Bassendean (the Site) where they propose to develop a Waste transfer and Resource Recovery Facility (the Facility). This will be an integrated Facility providing a range of recycling and waste management services, which is reflective of modern advanced facilities. Talis Consultants Pty Ltd (Talis) has been engaged by Aurigen to assist with seeking all relevant planning and environmental approvals including:

- Development Approval from Town of Bassendean;
- Referral of Proposal to the Environmental Protection Authority (EPA); and
- Works Approval and Licence from Department of Environment Regulation (DER).

As part of this process, Talis has prepared this Referral Letter to accompany the EPA's Referral Form for consideration of the proposal pursuant to Section 38 of the *Environmental Protection Act 1986* (EP Act). This letter and completed form provides the context and justification for the proposed development at the Site. In addition, Talis has prepared an Environmental Assessment and Management Plan (EAMP), which provides guidance on how the potential environmental impacts will be managed to appropriate standards. The EAMP will also be used to support the planning and environmental approvals required from the Town of Bassendean and the DER.

1 Site information

As mentioned previously, the Site is located at 25 Jackson Street, Bassendean and covers an area of approximately 23,200m². The Site includes two existing warehouses, an office building and carparks. As part of the development of the Site, Aurigen proposes to construct an additional warehouse at the rear of the Site to house further operations for the Facility along with additional supporting infrastructure.

Access to the Site is provided via three entrances, two off Jackson Street on the western side of the Site and one from a private access road on adjacent Alice Street, located to the south-east of the Site. The northern entrance from Jackson Street and Alice Street entrances will be the primary access points for traffic entering and exiting the Site.



2 Surrounding Land Uses

Jackson Street forms the western boundary of the Site. Immediately surrounding the Site to the north, east and south are industrial land uses. The Site is located within an industrial area, which includes a number of waste management facilities and other similar industrial activities. The nearest residence is located approximately 570m away, at its closest point, from the northern perimeter of the Site.

3 Land Use Activities

Aurigen is seeking approval to undertake the following key operations at the proposed Facility:

- Materials Recovery Facility (MRF) for the acceptance and processing of commingled recyclables;
- Waste transfer station for the acceptance and short term holding of putrescible waste materials;
- Acceptance, short term stockpiling and baling of source separated recycled commodities including paper, cardboard, metals and aluminium cans;
- Glass crusher for glass packing materials processed in the MRF;
- Metal shredder for the processing of metal commodities to increase compaction of metal bales;
- Transportation off site of:
 - o compacted putrescible waste materials that cannot be recycled to appropriate disposal facilities; and
 - o baled commodities for export.

Commingled recyclables will be unloaded onto the Materials Recovery Facility (MRF) acceptance area before being fed into the MRF for processing using a front end loader. Once processed, these sorted materials will be transferred to the storage sheds for temporary stockpiling and baling prior to shipment to interstate and international markets. Glass materials processed in the MRF will be crushed in the glass crusher, situated within the building housing the MRF. Any non-recyclable MRF residue will be transferred to the Waste Transfer Station for disposal.

In addition, source separated commodities that are accepted at the Site will be stockpiled, baled and subsequently loaded into sea containers for shipment to interstate and international markets in conjunction with processed MRF materials. Scrap metals may be processed using a metal shredder or baler to increase the density of the commodity bales.

Non-recyclable materials (refuse) will be unloaded from collection vehicles into the Waste Transfer Station's reinforced concrete bunker. The refuse will then be loaded into an enclosed compactor system using a front end loader. Once compacted, the refuse will be transferred off-site for appropriate disposal, using specialist haulage vehicles.

4 Environmental Aspects

There are a number of environmental aspects associated with the proposed Site activities, which have the potential to result in environmental impacts both on Site and to surrounding land users. These include aspects such as noise, odour, traffic, litter and vermin. To ensure that these are appropriately managed, Aurigen and Talis has developed a suite of environmental engineering and management measures that will be implemented at the Site. These measures will ensure that all potential impacts



Aurigen Group
25 Jackson Street, Bassendean
EPA Referral Letter



are managed to appropriate standards. The potential environmental impacts and associated management measures are described in further detail in Section 5 and 6 of the EAMP.

Conclusion

It is the view of Talis that Aurigen's development proposal is not likely to result in significant environmental impacts and can be managed appropriately or regulated under Part V of the EP Act.

If you have any comments or queries, please do not hesitate to contact me.

Yours sincerely,

Ronan Cullen
Director & Waste Management Section Leader
TALIS CONSULTANTS
e – ronan.cullen@talisconsultants.com.au
m – 04 88 33 24 24

- Encl.
1. EPA Referral Form
 2. Environmental Assessment and Management Plan including Figures and Appendices
 3. Memory stick with spatial data (CAD format)



Environmental Protection Authority

EPA REFERRAL
FORM

Referral of a Proposal to the Environmental Protection Authority under Section 38 of the *Environmental Protection Act 1986*.

PURPOSE OF THIS FORM

Section 38 of the *Environmental Protection Act 1986* (EP Act) makes provision for the referral to the Environmental Protection Authority (EPA) of a proposal (significant proposals, strategic proposals and proposals under an assessed scheme) by a proponent, a decision making authority (DMA), or any other person.

The purpose of this form is to ensure that EPA has sufficient information about a proposal to make a decision about the nature of the proposal and whether or not the proposal should be assessed under Part IV of the EP Act. Information provided in the referral form must be brief (no more than 30 pages), sharp and succinct to achieve the purposes of this form.

This form does not prevent the referrer from providing a supplementary referral report. Should a referrer choose to submit a supplementary referral report please ensure the following.

- i. Information is short, sharp and succinct.
- ii. Attachments are below eight megabytes (8 MB) as they will be published on the EPA's website (exemptions apply) for public comment. To minimise file size, "flatten" maps and optimise pdf files.
- iii. Cross-references are provided in the referral form to the appropriate section/s in the supplementary referral report.

This form is to be used for all proposals¹ which can be referred to the EPA under section 38 of the EP Act; i.e. referrals from: **proponents** of proposals (significant proposals, strategic proposals, derived proposals, proposals under an assessed scheme); **DMAs** (significant proposals); and **third parties** (significant proposals).

This form is divided into several sections, including; Referral requirements and Declaration; Part A - Information of the proposal and proponent; and Part B Environmental Factors. Guidance on successfully completing this form is provided throughout the form and is also available in the EPA's *Environmental Assessment Guideline for Referral of a Proposal under s38 of the EP Act* (EAG 16).

Send completed forms to

Office of the Environmental Protection Authority
Locked Bag 10, East Perth WA 6892

or

Email: Registrar@epa.wa.gov.au

Enquiries

Office of the Environmental Protection Authority
Locked Bag 10, East Perth WA 6892

Telephone: 6145 0800

Fax: 6145 0895

Email: info@epa.wa.gov.au

Website: www.epa.wa.gov.au

¹ Please note that this form consolidates and replaces the following forms: *Referral of a Proposal by the Proponent to the EPA under section 38(1) of the EP Act*; *Referral of a Proposal by a third party to the EPA under section 38(1) of the EP Act*; and *Referral of a development proposal to the EPA by the decision making authority*.

Referral requirements and Declaration

The following section outlines the referral information required from a proponent, decision making authority and third party.

(a) Proponents

Proponents are expected to complete all sections of the form and provide GIS spatial data to enable the EPA to consider the referral. Spatial GIS data is necessary to inform the EPA's decision.

The EPA expects that a proponent will address Part B of the form as thoroughly as possible to demonstrate whether or not the EPA's objectives for environmental factors can be met.

If insufficient information is provided the EPA will request more information and processing of the referral will commence once the information is provided or the EPA decides to make a precautionary determination on the available information.

Proponent to complete before submitting form	
Completed all the questions in Part A (essential)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed all the questions in Part B	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed all other applicable questions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Included Attachment 1 – any additional document(s) the proponent wishes to provide	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Included Attachment 2 – confidential information (if applicable)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Enclosed an electronic copy of all referral information, including spatial data and contextual mapping but clearly separating any confidential information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed the Declaration	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What is the type of proposal being referred? <i>* a referred proposal seeking to be declared a derived proposal</i>	<input type="checkbox"/> significant <input type="checkbox"/> strategic <input type="checkbox"/> derived* <input type="checkbox"/> under an assessed scheme
Do you consider the proposal requires formal environmental impact assessment?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, what level of assessment? <i>API = Assessment of Proponent Information</i> <i>PER = Public Environmental Review</i>	<input type="checkbox"/> API Category A <input type="checkbox"/> API Category B <input type="checkbox"/> PER

NB: The EPA may apply an Assessment on Proponent Information (API) level of assessment when the proponent has provided sufficient information about:

- the proposal;
- the proposed environmental impacts;
- the proposed management of the environmental impacts; and
- when the proposal is consistent with API criteria outlined in the [Environmental Impact Assessment \(Part IV Division 1 and 2\) Administrative Procedures 2012](#).

If an API A formal level of assessment is considered appropriate, please refer to Environmental Assessment Guideline No. 14 *Preparation for an Assessment on Proponent Information (Category A) Environmental Review Document EAG 14 (EAG14)*.

Declaration

I Richard Rudas declare that I am authorised on behalf of **Aurigen Group Limited** (being the person responsible for the proposal) to submit this form and further declare that the information contained in this form is true and not misleading.

Signature 	Name (print) <i>RICHARD RUDAS</i>		
Position	Projects Director	Organisation	Aurigen Group Limited
Email	Richard@aurigen.com.au		
Address	1/48	Kelvin Road	
	Maddington	WA	6109
Date	19/07/2016		

(b) Decision-making authority

The EPA expects decision-making authorities to complete applicable sections of Part A of the form and provide the proponent an opportunity to provide additional information in Part B of the form where appropriate.

Wherever possible the DMA should obtain relevant spatial information from the proponent and provide this to the EPA with the referral.

DMA to complete before submitting form	
Completed all the questions in Part A (essential)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Provided Part B to the proponent for completion	<input type="checkbox"/> Yes <input type="checkbox"/> No
Completed all other applicable questions	<input type="checkbox"/> Yes <input type="checkbox"/> No
Included Attachment 1 – any supporting information	<input type="checkbox"/> Yes <input type="checkbox"/> No
Enclosed an electronic copy of all referral information, including spatial data and contextual mapping	<input type="checkbox"/> Yes <input type="checkbox"/> No
Completed the below Declaration	<input type="checkbox"/> Yes <input type="checkbox"/> No
Do you consider the proposal requires formal environmental impact assessment?	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is the type of proposal being referred?	<input type="checkbox"/> significant proposal <input type="checkbox"/> significant proposal under an assessed scheme

Declaration

I,, (full name) submit this referral to the EPA for consideration of the environmental significance of its impacts.

Signature		Name (print)	
Position		Organisation	
Email			
Address	Street No.	Street Name	
	Suburb	State	Postcode
Date			

(c) Third Party

Third parties are asked to have consideration for the Significance Test outlined in Part A Section 1.5 of this form before referring a significant proposal to the EPA. The EPA will only consider proposals that are likely, if implemented, to have a significant effect on the environment.

Third parties are to provide sufficient information to clearly identify the significant proposal, the proponent, and their reasons for referring the proposal. This can be done by completing as much of Part A of the form as possible, taking into consideration the information available. Third parties may wish to fill in Part B of the form to advance their own views of the significance of the environmental impacts and the need for EPA assessment.

In most cases the EPA will seek additional information from the proponent. This will be to confirm or amend the identity of the proponent, the proposal, and to allow the proponent opportunity to provide its views on the significance of the environmental impacts and the need for EPA assessment.

Third Party to complete before submitting form	
Complete all applicable questions in Part A and B	<input type="checkbox"/> Yes <input type="checkbox"/> No
Completed the Declaration	<input type="checkbox"/> Yes <input type="checkbox"/> No
Do you consider the proposal requires formal environmental impact assessment?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Declaration

I,, (full name) submit this referral to the EPA for consideration of the environmental significance of its impacts.

Signature		Name (print)	
Email			
Position		Organisation	
Address	Street No.	Street Name	
	Suburb	State	Postcode
Date			

PART A: Information on the proposal and the proponent

All fields of Part A must be completed by the proponent and/or decision-making authority for this document to be processed as a referral. Third party referrers are only expected to fill in the fields they have information for.

1 PROPONENT AND PROPOSAL DESCRIPTION

1.1 The proponent of the proposal

Proponent and/or DMA to complete	
Name of the proponent	Aurigen Group Limited
Joint Venture parties (if applicable)	-
Australian Company Number(s)	602 668 486
Postal Address <i>(Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State)</i>	Mount Lawley, 6050
Key proponent contact for the proposal <i>Please include: name; physical address; phone; and email.</i>	Richard Rudas, Projects Director Aurigen Unit 1/48 Kelvin Road, Maddington WA 6109 Tel: 0423 206 221 Richard@aurigen.com.au
Consultant for the proposal (if applicable) <i>Please include: name; physical address; phone; and email.</i>	Ronan Cullen, Director and Waste Management Section Leader Talis Consultants Level 1/660 Newcastle Street, Leederville 6007 Tel: 048 833 2424 Ronan.Cullen@talisconsultants.com.au

1.2 Proposal

Proposal is defined under the EP Act to mean a "project, plan, programme policy, operation, undertaking or development or change of land use, or amendment of any of the foregoing, but does not include scheme". Before completing this section please refer to [Environmental Protection Bulletin 17 – Strategic and derived proposals \(EPB 17\)](#) and [Environmental Assessment Guideline for Defining the Key Characteristics of a proposal \(EAG 1\)](#).

Proponent and/or DMA to complete	
Title of the proposal	Waste Transfer and Resource Recovery Facility (WTRRF), 25 Jackson Street, Bassendean
What project phase is the proposal at?	<input type="checkbox"/> Scoping <input type="checkbox"/> Feasibility <input type="checkbox"/> Detailed design <input checked="" type="checkbox"/> Other <u>Conceptual design</u>
Proposal type <i>More than one proposal type can be identified, however for filtering purposes it is recommended</i>	<input type="checkbox"/> Power/Energy Generation <input type="checkbox"/> Hydrocarbon Based – coal <input type="checkbox"/> Hydrocarbon Based – gas

Proponent and/or DMA to complete

that only the primary proposal type is identified.

- ☐ Waste to energy
- ☐ Renewable – wind
- ☐ Renewable – wave
- ☐ Renewable – solar
- ☐ Renewable – geothermal

☐ **Mineral / Resource Extraction**

- ☐ Exploration – seismic
- ☐ Exploration – geotechnical
- ☐ Development

☐ **Oil and Gas Development**

- ☐ Exploration
- ☐ Onshore – seismic
- ☐ Onshore – geotechnical
- ☐ Onshore – development
- ☐ Offshore – seismic
- ☐ Offshore – geotechnical
- ☐ Offshore – development

☐ **Industrial Development**

- ☐ Processing
- ☐ Manufacturing
- ☐ Beneficiation

☐ **Land Use and Development**

- ☐ Residential – subdivision
- ☐ Residential – development
- ☐ Commercial – subdivision
- ☐ Commercial – development
- ☐ Industrial – subdivision
- ☐ Industrial – development
- ☐ Agricultural – subdivision
- ☐ Agricultural – development
- ☐ Tourism

☐ **Linear Infrastructure**

- ☐ Rail
- ☐ Road
- ☐ Power Transmission
- ☐ Water Distribution
- ☐ Gas Distribution
- ☐ Pipelines

☐ **Water Resource Development**

- ☐ Desalination
- ☐ Surface or Groundwater
- ☐ Drainage
- ☐ Pipelines
- ☐ Managed Aquifer Recharge

☐ **Marine Developments**

- ☐ Port

Proponent and/or DMA to complete	
	<input type="checkbox"/> Jetties <input type="checkbox"/> Marina <input type="checkbox"/> Canal <input type="checkbox"/> Aquaculture <input type="checkbox"/> Dredging <i>If other, please state below:</i> <input checked="" type="checkbox"/> Other <u>Waste management facility</u>
Proponent and/or DMA to complete	
Description of the proposal – describe the key characteristics of the proposal in accordance with EAG 1 .	The WTRRF operations are proposed to include a Materials Recovery Facility (MRF) for the acceptance and processing of commingled recyclables (e.g. paper, plastics, glass); acceptance, short-term stockpiling and baling of source-separated recycled commodities including paper, cardboard, metals and aluminium cans; a glass crusher for management of waste glass processed in the MRF; a metal shredder for the processing of metal commodities and a Waste Transfer Station for the acceptance and short term storage of putrescible waste materials.
Timeframe in which the proposal is to occur (including start and finish dates where applicable).	Commencement of work estimated as July 2017 for approximately 15 months.
Details of any staging of the proposal.	
What is the current land use on the property, and the extent (area in hectares) of the property?	Industrial use – the Site is within an established industrial area. Area: 2.32 hectares
Have pre-referral discussions taken place with the OEPA? If yes, please provide the case number. If a case number was not provided, please state the date of the meeting and names of attendees.	No.
DMA (Responsible Authority) to complete	
For a proposal under an assessed scheme (as defined in section 3 of the EP Act , applicable only to the proponent and DMA) provide details (in an attachment) as to whether: <ul style="list-style-type: none"> <i>The environmental issues raised by the proposal were assessed in any assessment of the assessed scheme.</i> <i>The proposal complies with the assessed scheme and any environmental conditions in the assessed scheme.</i> 	

1.3 Strategic / derived proposals

Complete this section if the proposal being referred is a strategic proposal or you are seeking the proposal to be declared a derived proposal. Note: Only a proponent may refer a strategic proposal and seek a proposal to be declared a derived proposal.

Proponent to complete	
Is this referred proposal a strategic proposal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are you seeking that this proposal be declared a derived proposal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If you are seeking that this proposal be declared a derived proposal, what is the Ministerial Statement number (MS #) of the associated strategic proposal?	MS #: _____

1.4 Location

Proponents and DMAs must provide spatial data. Please refer to [EAG 1](#) for more detail.

Proponent, DMA and Third Party to complete	
Name of the Local Government Authority in which the proposal is located.	Town of Bassendean
Location: a) street address; lot number; suburb; and nearest road intersection; or b) if remote the nearest town; and distance and direction from that town to the proposal site.	25 Jackson Street, Bassendean (nearest road intersection Jackson St/Alice Street)
Have maps and figures been included with the referral (consistent with EAG 1 where appropriate)? <i>The types of maps and figures which need to be provided (depending on the nature of the proposal) include:</i> <ul style="list-style-type: none"> maps showing the regional location and context of the proposal; and figures illustrating the proposal elements. 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proponent and DMA to complete	
Have electronic copies of spatial data been included with the referral? NB: Electronic spatial (GIS or CAD) data, geo-referenced and conforming to the following parameters: <ul style="list-style-type: none"> GIS: polygons representing all activities and named; CAD: simple closed polygons representing all activities and named; datum: GDA94; projection: Geographic (latitude/longitude) or Map Grid of Australia (MGA); format: ESRI geodatabase or shapefile, MapInfo Interchange Format, Microstation or AutoCAD.. 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

1.5 Significance test and environmental factors

Proponent, DMA and Third Party to complete	
What are the likely significant environmental factors for this proposal?	<input type="checkbox"/> Benthic Communities and Habitat <input type="checkbox"/> Coastal Processes <input type="checkbox"/> Marine Environmental Quality <input type="checkbox"/> Marine Fauna <input type="checkbox"/> Flora and Vegetation <input type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input type="checkbox"/> Terrestrial Fauna <input type="checkbox"/> Hydrological Processes <input type="checkbox"/> Inland Waters Environmental Quality

Proponent, DMA and Third Party to complete	
	<input type="checkbox"/> Air Quality & Atmospheric Gases <input type="checkbox"/> Amenity <input type="checkbox"/> Heritage <input type="checkbox"/> Human Health <input type="checkbox"/> Offsets <input type="checkbox"/> Rehabilitation and Decommissioning
Having regard to the Significance Test (refer to Section 7 of the <i>EIA Administrative Procedures 2012</i>) in what ways do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA?	See Table below.

Table – Consideration of the EPA's Factors in relation to the Proposal

Theme	Factor	Comment
Sea	Benthic Communities and Habitats	These factors are not considered to be relevant to this proposal – the Site is located approximately 17km inland.
	Coastal Processes	
	Marine Environmental Quality	
	Marine Fauna	
Land	Flora and Vegetation	These factors are not considered to be relevant to this proposal – Site is located within an established industrial area. The Site is scarcely vegetated apart from a small number of trees along the perimeter and towards the street frontage of Jackson Street. Given its industrial past, it is anticipated to be considered to be of little ecological value. See Section 3.4 and Figure 6 of EAMP for further information.
	Landforms	
	Subterranean Fauna	
	Terrestrial Environmental Quality	
	Terrestrial Fauna	
Water	Hydrological Processes	Not relevant – Site activities will not discharge to water. See section 3.5 of the EAMP for further information.
	Inland Waters Environmental Quality	The closest inland waterbody to the Site is located 250m to the north, see Section 3.5.5 and Figure 9 of the EAMP for further information.
Air	Air Quality	Aurigen recognises that odour emissions and their potential impact is potentially the most sensitive environmental aspect associated with the Site's proposed activities. As such, an Odour Impact Assessment was undertaken. The Assessment included odour modelling of the potential impacts associated with Aurigen's proposed commencement of accepting putrescible waste on Site. "The

		results of all modelling show compliance to the relevant DER odour concentration criteria with respect to the nearest urban receptors. The Assessment found that "no adverse odour impacts are expected as a result of the proposed operations". Therefore, no significant air quality impacts are anticipated as a result of the proposal. See Section 6.1 and Appendix D of the EAMP for further information.
People	Amenity	Aurigen recognises that noise emissions associated with the proposed Site activities has the potential to result in noise impacts. As such, an Environmental Noise Assessment was undertaken. See section 6.2 and Appendix E of the EAMP.
	Heritage	No historical and cultural associations adversely affected by the proposal. See section 3.6 and Figure 11 of the EAMP for further information.
	Human Health	Human health is not anticipated to be adversely affected by the proposed activities. The closest sensitive receptor is approximately 570m to the north of the Site – which is well beyond the EPA and draft DER recommended separation distances for the Site's proposed activities.
Integrating Factors	Offsets	Not relevant – no significant residual environmental impacts anticipated.
	Rehabilitation and Closure	Not relevant – Site is not anticipated to require rehabilitation due to nature of proposed activities and location within an established industrial area.

1.6 Confidential information

All information will be made publically available unless authorised for exemption under the EP Act or subject to the Freedom of Information Act 1992.

Proponent to complete	
Does the proponent request that the EPA treat any part of the referral information as confidential?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>Ensure all confidential information is provided in a separate attachment in hard copy.</i>	

2 REGULATORY CONSIDERATIONS

This section applies to the Local, State and Commonwealth regulatory considerations for the referred proposal.

2.1 Government approvals

2.1.1 State or Local Government approvals

DMA to complete	
What approval(s) is (are) required from you as a decision-making authority?	
Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	<input type="checkbox"/> Yes <input type="checkbox"/> No

2.1.2 Regulation of aspects of the proposal

Complete the following to the extent possible.

Proponent to complete	
Do you have legal access required for the implementation of all aspects of the proposal? <i>If yes, provide details of legal access authorisations / agreements / tenure.</i> <i>If no, what authorisations / agreements / tenure is required and from whom?</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Outline both the existing approvals and approvals that will be / are being sought as a part of this proposal.

Proponent to complete			
Aspects* of the proposal	Type of approval	Legislation regulating this activity	Which State agency /entity regulate this activity?
Waste Transfer Station, scrap metal processing and Materials Recovery Facility	Works Approval and License	EP Act 1986 – Part V	DER
Entire Waste Transfer and Resource Recovery Facility (all activities)	Development Approval	Planning and Development Act 2005	Town of Bassendean / Development Assessment Panel

**e.g. mining, processing, dredging*

2.1.3 Commonwealth Government Environment Protection and Biodiversity Conservation Act 1999 approvals

Refer to the [assessment bilateral agreement](#) between the Commonwealth of Australia and the State of Western Australia for assistance on this section.

Proponent to complete	
1. Does the proposal involve an action that may be or is a controlled action under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no continue to Part A section 2.1.4.</i>
2. What is the status of the decision on whether or not the action is a controlled action?	<input type="checkbox"/> Proposal not yet referred <input type="checkbox"/> Proposal referred, awaiting decision <input type="checkbox"/> Assessed – controlled action <input type="checkbox"/> Assessed – not a controlled action
3. If the action has been referred, when was it referred and what is the reference number (Ref #)?	Date: _____ Ref #: _____
4. If the action has been assessed, provide the decision in an attachment. Has an attachment been provided?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Do you request this proposal to be assessed under the bilateral agreement?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Complete the following to the extent possible for the Public Comment of EPBC Act referral documentation.

Proponent to complete	
6. Have you invited the public to comment on your referral documentation?	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. How was the invitation published?	<input type="checkbox"/> newspaper <input type="checkbox"/> website
8. Did the invitation include all of the following?	
(a) brief description of the action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(b) the name of the action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(c) the name of the proponent	<input type="checkbox"/> Yes <input type="checkbox"/> No
(d) the location of the action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(e) the matters of national environmental significance that will be or are likely to be significantly impacted	<input type="checkbox"/> Yes <input type="checkbox"/> No
(f) how the relevant documents may be obtained	<input type="checkbox"/> Yes <input type="checkbox"/> No
(g) the deadline for public comments	<input type="checkbox"/> Yes <input type="checkbox"/> No

Proponent to complete	
(h) available for public comment for 14 calendar days	<input type="checkbox"/> Yes <input type="checkbox"/> No
(i) the likely impacts on matters of national environmental significance	<input type="checkbox"/> Yes <input type="checkbox"/> No
(j) any feasible alternatives to the proposed action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(k) possible mitigation measures	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Were any submissions received during the public comment period?	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. Have public submissions been addressed? If yes provide attachment.	<input type="checkbox"/> Yes <input type="checkbox"/> No

2.1.4 Other Commonwealth Government Approvals

Proponent, DMA and Third Party to complete			
Is approval required from other Commonwealth Government/s for any part of the proposal?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please complete the table below.</i>	
Agency / Authority	Approval required	Application lodged?	Agency / Local Authority contact(s) for proposal
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

3. SUPPORTING INFORMATION

Please attach copies of any relevant information on the proposal, supporting evidence and / or existing environmental surveys, studies or monitoring information undertaken and list the documents below.

Proponent, DMA and Third Party to complete			
(1)	Environmental Assessment and Management Plan (EAMP)	Talis Consultants	<i>This document describe the current conditions on and surrounding the Site, details of the proposed development including design and operations; identifies any potential environmental aspects associated with the Proposal; and sets out environmental engineering and management measures to ensure that all potential impacts are managed to appropriate standards.</i>
(2)	Environmental Assessment and Management Plan – Figures 1 - 12	Talis Consultants	<i>The series of mapped figures within the EAMP illustrate the location and environmental features of the Site and the surrounding area.</i>
(3)	Environmental Assessment and Management Plan – Conceptual site plan	Talis Consultants	<i>The conceptual site plan of the proposed Site's activities.</i>
(4)	Environmental Assessment and Management Plan – Appendix D: Odour Impact Assessment	The Odour Unit	<i>The Odour Impact Assessment was undertaken to determine the risk of odour impacts off-site as a result of proposed Site activities.</i>
(5)	Environmental Assessment and Management Plan – Appendix E: Environmental Noise Assessment	Lloyd George Acoustics	<i>The Environmental Noise Assessment assesses the noise emissions from the facility at surrounding industrial receivers and nearest residences against the requirements of the Environmental Protection (Noise) Regulations 1997.</i>

PART B: ENVIRONMENTAL FACTORS

The purpose of Part B is to assist the EPA to determine the significance of the likely environmental impacts of the proposal in accordance with the EPA's *Environmental Assessment Guideline for Environmental factors and objectives* (EAG 8) and *Environmental Assessment Guideline for Application of a significant framework in the EIA process* (EAG 9). Referrers completing Part B should refer closely to EAG 8 and EAG 9.

The EPA has prepared [Referral of a Proposal under s38 of the EP Act EAG No.16 - Appendix A](#) (Appendix A) to assist in identifying factors and completing the below table. Further guidance can be found in the guidance and policy documents cited in Appendix A under each factor.

How to complete Part B

For each environmental factor, that is likely to be significantly impacted by the implementation of the proposal, make a copy of the table below and insert a summary of the relevant information relating to the proposal. The table can be broken down into more than one table per factor, if the need arises. For example the hydrological processes factor can be presented in two separate tables, one for surface water and one for groundwater, or similarly one for construction and one for operations.

For complex proposals a supplementary referral report can be provided in addition to the referral form. If this option is chosen the table must still be completed (summaries are acceptable) to assist the Office of the EPA with statistical reporting and filtering proposals for processing.

Proponents expecting an API level of assessment must provide information in accordance with the EPA's *Environmental Assessment Guideline for Preparation of an API-A environmental review document* (EAG 14).

For each of the significant environmental factors, complete the following table (Questions 1 – 10).

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	(see Table on pages 11-12)
2	EPA Objective, as defined in EAG 8	
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	
4	Consultation - outline the need for consultation and the outcomes of any consultation in relation to the potential environmental impacts, including: <ul style="list-style-type: none">• anticipated level of public interest in the impact;• consultation with regulatory agencies; and• consultation with community.	
5	Baseline information - describe the relevant characteristics of the receiving environment. <i>This may include: regional context; known environmental values, current quality, sensitivity to impact, and current level of cumulative impacts.</i>	
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
7	<p>Mitigation measures - what measures are proposed to mitigate the potential environmental impacts? The following should be addressed:</p> <ul style="list-style-type: none"> • <i>Avoidance - avoiding the adverse environmental impact altogether;</i> • <i>Minimisation - limiting the degree or magnitude of the adverse impact;</i> • <i>Rehabilitate – restoring the maximum environmental value that is reasonably practicable; and</i> • <i>Offsets – actions that provide environmental benefits to counterbalance significant residual environmental impacts or risks of a project or activity.</i> 	
8	<p>Residual impacts – review the residual impacts against the EPA objectives.</p> <p><i>It is understood that the extent of any significant residual impacts may be hard to quantify at the referral stage. Referrers are asked to provide, as far as practicable, a discussion on the likely residual impacts and form a conclusion on whether the EPA's objective for this factor would be met if residual impacts remain. This will require:</i></p> <ul style="list-style-type: none"> • <i>quantifying the predicted impacts (extent, duration, etc.) acknowledging any uncertainty in predictions;</i> • <i>putting the impacts into a regional or local context, incorporating knowable cumulative impacts; and</i> • <i>comparison against any established environmental policies, guidelines, and standards.</i> 	
9	EPA's Objective – from your perspective and based on your review, which option applies to the proposal in relation to this factor? Refer to EAG 9	<input type="checkbox"/> <i>meets the EPA's objective</i> <input type="checkbox"/> <i>may meet the EPA's objective</i> <input type="checkbox"/> <i>is unlikely to meet the EPA's objective</i>
10	Describe any assumptions critical to your conclusion (in Question 9). e.g. <i>particular mitigation measures or regulatory conditions.</i>	

In circumstances where there was some uncertainty on the level of significance of a particular factor it is recommended that a brief summary (no longer than 1 - 2 paragraphs) is provided on the steps taken to determine why a factor was not considered to be significant.