



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

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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 checked="" type="checkbox"/> significant <input type="checkbox"/> strategic <input type="checkbox"/> derived* <input checked="" type="checkbox"/> under an assessed scheme
Do you consider the proposal requires formal environmental impact assessment?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes, what level of assessment? <i>API = Assessment of Proponent Information</i> <i>PER = Public Environmental Review</i>	<input checked="" 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, ... **Michael Lundstrom** ..., (*full name*) declare that I am authorised on behalf of **Shire of Serpentine Jarrahdale** (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) Michael Lundstrom	
Position	Consultant	Organisation	Lundstrom Environmental Consultants P/L
Email	Mikelund1@bigpond.com		
Address	21	Sellen Court	
	Sellen Court	WA	6149
Date	18 March 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 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			
Email			
Address			
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	Shire of Serpentine Jarrahdale
Joint Venture parties (if applicable)	NA
Australian Company Number(s)	NA
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>	Shire of Serpentine Jarrahdale, 6 Patterson Street, Mundijong WA 6123
Key proponent contact for the proposal <i>Please include: name; physical address; phone; and email.</i>	The Chief Executive Officer, Shire of Serpentine Jarrahdale, 6 Patterson Street, Mundijong WA 6123
Consultant for the proposal (if applicable) <i>Please include: name; physical address; phone; and email.</i>	Michael Lundstrom, 21 Sellen Court, Leeming 6149

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	Scrivener Road Gravel Reserves
What project phase is the proposal at?	<input type="checkbox"/> Scoping <input checked="" type="checkbox"/> Feasibility <input type="checkbox"/> Detailed design <input type="checkbox"/> Other _____
Proposal type <i>More than one proposal type can be identified, however for filtering purposes it is recommended that only the primary proposal type is identified.</i>	<input type="checkbox"/> Power/Energy Generation <input type="checkbox"/> Hydrocarbon Based – coal <input type="checkbox"/> Hydrocarbon Based – gas <input type="checkbox"/> Waste to energy <input type="checkbox"/> Renewable – wind <input type="checkbox"/> Renewable – wave <input type="checkbox"/> Renewable – solar <input type="checkbox"/> Renewable – geothermal

Proponent and/or DMA to complete

X 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
- Jetties
- Marina
- Canal
- Aquaculture

Proponent and/or DMA to complete	
	<input type="checkbox"/> Dredging <i>If other, please state below:</i> <input type="checkbox"/> Other _____
Proponent and/or DMA to complete	
Description of the proposal – describe the key characteristics of the proposal in accordance with EAG 1 .	See Table 1 (Attachment 1) and Figure 1 (Attachment 2).
Timeframe in which the proposal is to occur (including start and finish dates where applicable).	Commencement in 2017 and final rehabilitation in 2032
Details of any staging of the proposal.	Clearing of vegetation and extraction of gravel will be undertaken in 6 stages of 2 ha (total 12ha) over a period of 12 to 13 years. Rehabilitation will be undertaken progressively over the full life of the project.
What is the current land use on the property, and the extent (area in hectares) of the property?	The site is a Reserve vested in the Shire for the purpose of gravel reserves/extraction. The entire reserve (Lot 1913) is 105.8ha, of which approximately 95ha is covered by native forest. The remaining 10ha is a cleared area which was previously used for gravel extraction between 1970 and 2006.
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 X No

Proponent to complete	
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 #: _____NA_____

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.	Shire of Serpentine Jarrahdale
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.	Lot 1913 of R26080 Scrivener Road, Shire of Serpentine Jarrahdale
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. 	Yes
Proponent and DMA to complete	
Have electronic copies of spatial data been included with the referral? NB: <i>Electronic spatial (GIS or CAD) data, geo-referenced and conforming to the following parameters:</i> <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.. 	Yes

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 checked="" type="checkbox"/> Flora and Vegetation <input type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input checked="" 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 Amenity <input checked="" type="checkbox"/> Heritage <input type="checkbox"/> Human Health Offsets 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?	It is unlikely that significant, long term impact on the environment will occur from the actions of this project since the project is small. Also, the good rainfall associated with the site will lead to successful regeneration of the native forest in the medium to long term (as is evidenced by good regeneration elsewhere on the reserve). In addition, since the proposed final land-use of this site is National Park, this will minimise the future risk of any disturbance that might prevent a high level of ecological restoration on the site.

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? <i>Ensure all confidential information is provided in a separate attachment in hard copy.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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>	x Yes <input type="checkbox"/> No The land is vested in the Shire for the purpose of gravel extraction.

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?
Town Planning	Licence	Town Planning Act of 2005	WAPC
Discharge	Works Approval and Licence	EP Act 1986 – Part V	DER
Clearing	Native Vegetation Clearing Permit	EP Act 1986 – Part V	DER

*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)?	x Yes <input 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 checked="" 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: __August 2015____ Ref #: 2015/7577

Proponent to complete	
4. If the action has been assessed, provide the decision in an attachment. Has an attachment been provided?	X Yes <input type="checkbox"/> No Attachment 3
5. Do you request this proposal to be assessed under the bilateral agreement?	X 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?	x Yes <input type="checkbox"/> No
7. How was the invitation published?	<input type="checkbox"/> newspaper x website
8. Did the invitation include all of the following?	
(a) brief description of the action	x Yes <input type="checkbox"/> No
(b) the name of the action	x Yes <input type="checkbox"/> No
(c) the name of the proponent	x Yes <input type="checkbox"/> No
(d) the location of the action	x Yes <input type="checkbox"/> No
(e) the matters of national environmental significance that will be or are likely to be significantly impacted	x Yes <input type="checkbox"/> No
(f) how the relevant documents may be obtained	x Yes <input type="checkbox"/> No
(g) the deadline for public comments	x Yes <input type="checkbox"/> No
(h) available for public comment for 14 calendar days	X Yes <input type="checkbox"/> No
(i) the likely impacts on matters of national environmental significance	x Yes <input type="checkbox"/> No
(j) any feasible alternatives to the proposed action	x Yes <input type="checkbox"/> No
(k) possible mitigation measures	x Yes <input type="checkbox"/> No
9. Were any submissions received during the public comment period?	x Yes <input type="checkbox"/> No
10. Have public submissions been addressed? If yes provide attachment.	<input type="checkbox"/> Yes x 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)	Scrivener Road Gravel Reserves Management Plan (Attachment 4)	Shire of Serpentine Jarrahdale	Comprehensive description of the project and the surveys done for the site. The EPA does have this document.
(2)			
(3)			

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	Terrestrial Fauna. Flora and Vegetation and Aboriginal heritage
2	EPA Objective, as defined in EAG 8	<p>Terrestrial fauna: To maintain representation, diversity, viability and ecological function at the species, population and assemblage level.</p> <p>Flora and Vegetation: To maintain representation, diversity, viability and ecological function at the species, population and community level.</p> <p>Aboriginal heritage: To ensure that historical and cultural associations are not adversely affected.</p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
3	<p>Guidance - what established policies, guidelines, and standards apply to these factors in relation to the proposal?</p>	<p>Terrestrial Fauna: There are well established guidelines at State and Federal level for evaluation of impacts on Threatened and Priority fauna such as the 3 species of black cockatoo such as the <i>Wildlife Conservation Act 1950</i> and the <i>Environmental Protection and Biodiversity Conservation Act 1999 (EPBC)</i>.</p> <p>Flora and Vegetation: There are well established guidelines at State and Federal level for evaluation of impacts on Threatened and Priority flora. A flora survey has been undertaken on the site and no plant species of conservation significance occur on the site.</p> <p>Aboriginal Heritage: Potential for the occurrence of negative impact to matters of Aboriginal heritage have been identified by SWALSC. They have requested that a survey of this area be undertaken by a suitably qualified professional. The Shire will soon be undertaking this survey and is waiting on SWALSC to identify the correct candidate for this work. This work will identify the policies, guidelines and standards in relation heritage impacts of the proposal.</p>
4	<p>Consultation - outline the need for consultation and the outcomes of any consultation in relation to the potential environmental impacts, including:</p> <ul style="list-style-type: none"> • <i>anticipated level of public interest in the impact;</i> • <i>consultation with regulatory agencies; and</i> • <i>consultation with community.</i> 	<p>The Shire is aware that there is a fair amount public interest in this project and that it is essential to continue the consultation process that was commenced in 2015 by way of website advertising, Federal DoE referral and the request for comments from all relevant State government departments. The Shire is currently in the process of addressing the public responses to the website advertising of the project and</p>
5	<p>Baseline information - describe the relevant characteristics of the receiving environment.</p> <p><i>This may include: regional context; known environmental values, current quality, sensitivity to impact, and current level of cumulative impacts.</i></p>	<p>Relevant information is contained in Chapter 3 of Attachment 4</p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Relevant information is contained in Chapter 3 of Attachment 4
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> 	<p>Avoidance: Avoidance of the environmental impact associated with this project has been considered by the Shire in consultation with Dept of CALM and its subsequent equivalents for at least 10 years. No suitable alternative gravel resources suitable for the Shires road building requirements could be found.</p> <p>Minimisation: The Shire proposes to minimise its impact by:</p> <ul style="list-style-type: none"> • Limiting the future extraction area to 12 ha within the total land area of the Shire reserve of 106 ha. • Staging the clearing and extraction in a manner that limits the amount of open ground. <p>Rehabilitation: Each extraction stage will be followed by up with immediate rehabilitation of each stage using best practice techniques. Monitoring and managing the site to ensure high rehabilitation outcomes will be undertaken.</p> <p>Offsets: Offsets to be implemented by the Shire are still in the evaluation stage, but are likely to involve:</p> <ul style="list-style-type: none"> • Rehabilitation (high standard) of the existing cleared areas within the Reserve in order to create and enhance suitable habitat for black cockatoos (10ha). • Placement of “cockatube” nesting shelters in the adjacent reserve. • Rehabilitation within other areas of the Shire (10ha). • Funding of research into black cockatoos.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
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> 	<p>Once the project has been completed, with the high level of rehabilitation being implemented as proposed. Also, with the high level of management that will be provided by incorporation into a National Park; it is anticipated that residual impacts will be very small. Within an eight year period it is anticipated that the area will be partially suitable for cockatoo foraging and within a 25 year period both foraging and roosting suitability will be largely developed.</p>
9	<p>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</p>	<p><input type="checkbox"/> <i>meets the EPA’s objective</i></p> <p><input checked="" type="checkbox"/> <i>may meet the EPA’s objective</i></p> <p><input type="checkbox"/> <i>is unlikely to meet the EPA’s objective</i></p>
10	<p>Describe any assumptions critical to your conclusion (in Question 9). e.g. particular mitigation measures or regulatory conditions.</p>	<p><i>The EPA’s objective will be met if a high standard of rehabilitation is achieved in the long term. This will require commitment to the rehabilitation proposals with regular, independent auditing of the completion criteria to be adopted for this site</i></p>

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.