



# Environmental Protection Authority

EPA Referral Form

## Form for the referral of a proposal to the Environmental Protection Authority under Section 38 of the *Environmental Protection Act 1986*

Referrer information			
Who is referring this proposal?		<input checked="" type="checkbox"/> Proponent Main Roads WA <input type="checkbox"/> Decision-making authority <input type="checkbox"/> Community member/third party	
Name Martine Scheltema		Signature <i>Martine Scheltema</i>	
Position	Manager Environment	Organisation	Main Roads Western Australia
Email	Martine.scheltema@mainroads.wa.gov.au		
Address	PO Box 6202		
	East Perth	WA	6892
Date	<i>11 March 2021</i>		
Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential? <i>Provide confidential information in a separate attachment.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Referral declaration for organisations, proponents and decision-making authorities:</b> I, Martine Scheltema, declare that I am authorised to refer this proposal on behalf of Main Roads and further declare that the information contained in this form is true and not misleading.			
Part A: Proponent and proposal description			
Proponent information			
Name of the proponent/s (including Trading Name if relevant)		Commissioner of Main Roads	
Australian Company Number(s) <input type="checkbox"/>		50 860 676 021	
OR Australian Business Number(s) <input checked="" type="checkbox"/>			
Contact for the proposal (if different from the referrer) <i>Please include: name, physical address, phone, and email.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Laura Zimmermann Office of Major Transport Infrastructure Delivery, 34 - 50 Stirling Street Perth WA 6000 Ph: +61 9323 6442	

	Email: laura.zimmermann@mainroads.wa.gov.au
<p>Does the proponent have the legal access required for the implementation of all aspects of the proposal?</p> <p><i>If yes, provide details of legal access authorisations / agreements / tenure.</i></p> <p><i>If no, what authorisations / agreements / tenure is required and from whom?</i></p>	<p> <input checked="" type="checkbox"/> Yes           <input type="checkbox"/> No         </p> <p>Main Roads currently has legal access over most of the Proposal area. Any land required for the Proposal will be acquired by Main Roads pursuant to section 28 (1) of the <i>Land Administration Act 1997</i> prior to implementation of the Proposal.</p>
<b>Proposal type</b>	
<p><b>What type of proposal is being referred?</b></p> <p>For a change to an approved proposal please state the Ministerial Statement number/s (MS No./s) of the approved proposal</p> <p>For a derived proposal please state the Ministerial Statement number (MS No.) of the associated strategic proposal</p>	<p> <input checked="" type="checkbox"/> significant – new proposal  <input type="checkbox"/> significant – change to approved proposal (MS No./s: _____)  <input type="checkbox"/> proposal under an assessed planning scheme  <input type="checkbox"/> strategic  <input type="checkbox"/> derived (Strategic MS No.: _____)         </p>
<p>For a significant proposal:</p> <ul style="list-style-type: none"> <li>Why do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA?</li> </ul>	<p>The Tonkin Highway Grade Separated Interchanges (Hale Road and Welshpool Road) is a locally significant infrastructure project, designed to increase safety and traffic flow on Tonkin Highway.</p> <p>The proposal has the potential to impact on significant flora, vegetation, terrestrial fauna and inland waters values and includes development within areas of Conservation Category Wetlands and Bush Forever Sites.</p> <p>The Proposal may also have a significant impact on Social Surroundings through noise and heritage impacts.</p> <p>Given the nature of the project, Main Roads considers it appropriate to refer the proposal to the EPA.</p>
<p>For a proposal under an assessed planning scheme, provide the following details:</p> <ul style="list-style-type: none"> <li>Scheme name and number</li> </ul> <p>For the Responsible Authority:</p> <ul style="list-style-type: none"> <li>What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme?</li> <li>How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme?</li> </ul>	N/A
<b>Proposal description</b>	

Title of the proposal	Tonkin Highway Grade Separation Project (Hale Road and Welshpool Road)
Name of the Local Government Authority in which the proposal is located.	City of Kalamunda
<p>Location:</p> <p>a) street address, lot number, suburb, and nearest road intersection; or</p> <p>b) if remote the nearest town and distance and direction from that town to the proposal site.</p>	<p>The Proposal lies on the Swan Coastal Plain in Western Australia, extending along Tonkin Highway from south of Roe Highway to approximately 1 km north of Kelvin Road. The Tonkin Highway/Hale Road and Tonkin Highway/Welshpool Road intersections are included in the Proposal. The Proposal is situated approximately 12 km south east of the Perth CBD.</p>
<p>Proposal description – including the key characteristics of the proposal</p> <p><i>Provide as an attachment to the form</i></p>	<p>The Proposal will include:</p> <ul style="list-style-type: none"> <li>• Widening of a 4.2 km section of Tonkin Highway from four to six lanes from south of Roe Highway to approximately 1 km north of Kelvin Road</li> <li>• Half diamond with North facing ramps at Hale Road intersection</li> <li>• Grade separated “egg-about” interchange at Welshpool Road</li> <li>• Principal Shared Path (PSP) on the eastern side of the Tonkin Highway for the full length and grade separation at interchanges</li> <li>• Concrete footpath on side roads with link to the PSP</li> <li>• Installation of associated road infrastructure, such as lighting, noise and retaining walls, safety barriers, stopping bays and traffic monitoring devices, signs and landscaping</li> <li>• Drainage basins, drains and other associated infrastructure</li> </ul> <p>Refer to Tonkin Highway Grade Separated Interchanges Hale Road and Welshpool Road Environmental Referral Supporting Document (March 2021) for further information.</p>
<p>Have you provided electronic spatial data, maps and figure in the appropriate format?</p> <p><i>Refer to instructions at the front of the form</i></p>	<p><input checked="" type="checkbox"/> Yes                      <input type="checkbox"/> No</p>
<p>What is the current land use on the property, and the extent (area in hectares) of the property?</p>	<p>Current land use includes a mixture of road, urban, industrial and parks and recreation reserve.</p> <p>The referral area (referred to as the Development Envelope) is 51.5 ha.</p>

Have you had pre-referral discussions with the EPA at DWER Services? If so, quote the reference number and/or the DWER contact.	Pre-referral briefings were provided to Mr Hans Jacob, EPA Services, March 2019
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**Part B: Environmental impacts**

**Environmental factors**

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 checked="" type="checkbox"/> Inland Waters <input type="checkbox"/> Air Quality <input type="checkbox"/> Greenhouse Gas Emissions <input checked="" type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
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*For each of the environmental factors identified above, complete the following table, or provide the information in a supplementary report*

**Potential environmental impacts**

Refer to Tonkin Highway Grade Separated Interchanges Hale Road and Welshpool Road Environmental Referral Supporting Document (March 2021) for further information on each environmental factor.

1	<b>EPA Factor</b>	<b>Flora and Vegetation</b>
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor?	See attached Referral Supporting Document <u>Section 5 (Environmental Factor - Flora and Vegetation)</u> and <u>Section 5.2 (Policy and guidance)</u>
3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts	See attached Referral Supporting Document <u>Section 3 (Stakeholder Engagement)</u> for full details of stakeholder consultation for the proposal.
4	<b>Receiving environment</b> – Describe the current condition of the receiving environment in relation to this factor.	See attached Referral Supporting Document <u>Section 5.3 (Receiving environment)</u> for details of the receiving environment relevant to this environmental factor
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment	The following specific proposal activities are considered likely to impact Flora and Vegetation: <ul style="list-style-type: none"> <li>• Clearing of vegetation for road construction</li> </ul>

6	<b>Mitigation</b> – Describe the measures proposed to manage and mitigate the potential environmental impacts.	See attached Referral Supporting Document <a href="#">Section 5.6 (Mitigation)</a> for details of mitigation measures relevant to this environmental factor
7	<b>Impacts</b> – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	See attached Referral Supporting Document <a href="#">Section 5.4 (Potential impacts)</a> and <a href="#">Section 5.5 (Assessment of impacts)</a> for details of potential environmental impacts relevant to this environmental factor
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	The following assumptions have been made in the preparation of the Referral Supporting Document: <ul style="list-style-type: none"> <li>• Comprehensive and adequate site surveys have been undertaken to identify all key environmental values within the proposal area</li> <li>• All surveys undertaken comply with the relevant EPA guidance statements</li> <li>• All key environmental values, and the potential impact the proposal may have on them within the proposal area are well understood</li> </ul>
1	<b>EPA Factor</b>	<b>Terrestrial Fauna</b>
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor?	See attached Referral Supporting Document <a href="#">Section 6 (Environmental Factor – Terrestrial Fauna)</a> and <a href="#">Section 6.2 (Policy and guidance)</a>
3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts	See attached Referral Supporting Document <a href="#">Section 3 (Stakeholder Engagement)</a> for full details of stakeholder consultation for the proposal.
4	<b>Receiving environment</b> – Describe the current condition of the receiving environment in relation to this factor.	See attached Referral Supporting Document <a href="#">Section 6.3 (Receiving environment)</a> for details of the receiving environment relevant to this environmental factor
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment	The following specific proposal activities are considered likely to impact Terrestrial Fauna: <ul style="list-style-type: none"> <li>• Clearing of vegetation for road construction</li> </ul>
6	<b>Mitigation</b> – Describe the measures proposed to manage and mitigate the potential environmental impacts.	See attached Referral Supporting Document <a href="#">Section 6.6 (Mitigation)</a> for details of mitigation measures relevant to this environmental factor

7	<b>Impacts</b> – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	See attached Referral Supporting Document <u>Section 6.4 (Potential impacts)</u> and <u>Section 6.5 (Assessment of impacts)</u> for details of potential environmental impacts relevant to this environmental factor
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	The following assumptions have been made in the preparation of the Referral Supporting Document: <ul style="list-style-type: none"> <li>• Comprehensive and adequate site surveys have been undertaken to identify all key environmental values within the proposal area</li> <li>• All surveys undertaken comply with the relevant EPA guidance statements</li> <li>• All key environmental values, and the potential impact the proposal may have on them within the proposal area are well understood</li> </ul>
1	<b>EPA Factor</b>	<b>Inland Waters</b>
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor?	See attached Referral Supporting Document <u>Section 7 (Environmental Factor – Inland Waters)</u> and <u>Section 7.2 (Policy and guidance)</u>
3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts	See attached Referral Supporting Document <u>Section 3 (Stakeholder Engagement)</u> for full details of stakeholder consultation for the proposal.
4	<b>Receiving environment</b> – Describe the current condition of the receiving environment in relation to this factor.	See attached Referral Supporting Document <u>Section 7.3 (Receiving environment)</u> for details of the receiving environment relevant to this environmental factor
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment	The following specific proposal activities are considered likely to impact Inland Waters: <ul style="list-style-type: none"> <li>• Clearing of remnant vegetation including conservation category wetland vegetation</li> <li>• Temporary groundwater dewatering (if required) for construction of overpass columns, abutment footings and construction of drainage structures</li> </ul>

6	<b>Mitigation</b> – Describe the measures proposed to manage and mitigate the potential environmental impacts.	See attached Referral Supporting Document <a href="#">Section 7.6 (Mitigation)</a> for details of mitigation measures relevant to this environmental factor
7	<b>Impacts</b> – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	See attached Referral Supporting Document <a href="#">Section 7.4 (Potential impacts)</a> and <a href="#">Section 7.5 (Assessment of impacts)</a> for details of potential environmental impacts relevant to this environmental factor
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	The following assumptions have been made in the preparation of the Referral Supporting Document: <ul style="list-style-type: none"> <li>• Comprehensive and adequate site surveys have been undertaken to identify all key environmental values within the proposal area</li> <li>• All surveys undertaken comply with the relevant EPA guidance statements</li> <li>• All key environmental values, and the potential impact the proposal may have on them within the proposal area are well understood</li> </ul>
1	<b>EPA Factor</b>	<b>Social Surroundings</b>
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor?	See attached Referral Supporting Document Section 8 (Environmental Factor – Social Surroundings) and Section 8.2 (Policy and guidance)
3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts	See attached Referral Supporting Document Section 3 (Stakeholder Engagement) for full details of stakeholder consultation for the proposal.
4	<b>Receiving environment</b> – Describe the current condition of the receiving environment in relation to this factor.	See attached Referral Supporting Document Section 8.3 (Receiving environment) for details of the receiving environment relevant to this environmental factor
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment	The following specific proposal activities are considered likely to impact Social Surroundings: <ul style="list-style-type: none"> <li>• Disturbance for road construction</li> <li>• Operation of the road</li> </ul>

6	<b>Mitigation</b> – Describe the measures proposed to manage and mitigate the potential environmental impacts.	See attached Referral Supporting Document Section 8.6 (Mitigation) for details of mitigation measures relevant to this environmental factor
7	<b>Impacts</b> – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	See attached Referral Supporting Document Section 8.4 (Potential impacts) and Section 8.5 (Assessment of impacts) for details of potential environmental impacts relevant to this environmental factor
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	<p>The following assumptions have been made in the preparation of the Referral Supporting Document:</p> <ul style="list-style-type: none"> <li>• Comprehensive and adequate site surveys have been undertaken to identify all key environmental values within the proposal area</li> <li>• All surveys undertaken comply with the relevant EPA guidance statements</li> <li>• All key environmental values, and the potential impact the proposal may have on them within the proposal area are well understood</li> </ul>



## Part C: Other approvals and regulation

### State and Local Government approvals

Is rezoning of any land required before the proposal can be implemented?

If yes, please provide details.

Yes

No

The alignment of the Proposal will not be fully located within land currently reserved under the Metropolitan Region Scheme (MRS) for Primary Regional Roads or Other Regional Roads. Areas outside the MRS will be subject to a development approval through the Western Australian Planning Commission and may involve compulsory land acquisition. No development approval is required for road construction works on land reserved by the MRS for the purpose of Primary Regional Roads or Other Regional Roads.

If this proposal has been referred by a decision-making authority, what approval(s) are required from you?

N/A

Please identify other approvals required for the proposal:

Proposal activities	Land tenure/access	Type of approval	Legislation regulating the activity
Interference with the bed and banks of a watercourse or wetland (clearing of vegetation and construction works)	Crown land or State owned freehold land	Application for a permit to authorise the interference or obstruction of the bed and banks of a watercourse or wetland	<i>Rights in Water and Irrigation Act 1914</i>
Abstraction and dewatering of groundwater during construction	Crown land or State owned freehold land	Licence to take	<i>Rights in Water and Irrigation Act 1914</i>
Authorisation to take (flora and fauna) and modify (TEC)	Crown land or State owned freehold land	Licence to take and modify	<i>Biodiversity Conservation Act 2016</i>
Disturbance of a registered Aboriginal heritage site	Crown land or State owned freehold land	Section 18 (s18) consent	<i>Aboriginal Heritage Act 1972</i>

### Commonwealth Government approvals

Does the proposal involve an action that may be or is a controlled action under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)?

Yes

No

Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?

Yes

No

Date: September 2019

EPBC No.: EPBC 2019/8529

## Part C: Other approvals and regulation

### State and Local Government approvals

If referred, has a decision been made on whether the proposed action is a controlled action? If 'yes', check the appropriate box and provide the decision in an attachment.

Yes

No

Decision – controlled action

Decision – not a controlled action

If the proposal is determined to be a controlled action, do you request that this proposal be assessed under the bilateral agreement or as an accredited assessment?

Yes - Bilateral

No

Yes - Accredited

Is approval required from other Commonwealth Government/s for any part of the proposal?

Yes

No

*If yes, describe.*

Approval: