

Appendix A

Consideration of clause 228(2) factors and matters
of national environmental significance

Clause 228(2) checklist

In addition to the requirements of the *Is an EIS required?* guideline as detailed in the REF, the following factors, listed in clause 228(2) of the *Environmental Planning and Assessment Regulation 2000*, have also been considered to assess the likely impacts of the proposal on the natural and built environment.

Factor	Impact
<p><i>a. Any environmental impact on a community?</i></p> <p>The proposal involves some impact on a community during construction. It also delivers improvements to traffic efficiency and road safety as well as improved facilities for pedestrians and cyclists. Turning restrictions have been limited in response to community concerns. Where they have been imposed alternatives have been identified.</p>	<p>Minor negative</p> <p>Positive</p>
<p><i>b. Any transformation of a locality?</i></p> <p>The proposal would not transform a locality.</p>	<p>Nil</p>
<p><i>c. Any environmental impact on the ecosystems of the locality?</i></p> <p>Impacts the threatened ecological communities were assessed and it was determined that the proposal was unlikely to result in significant impacts</p>	<p>Minor negative</p>
<p><i>d. Any reduction of the aesthetic, recreational, scientific or other environmental quality or value of a locality?</i></p> <p>The proposal would have a minimal impact on environmental quality. Impacts would generally be confined to the construction phase.</p>	<p>Minor negative (short term)</p>
<p><i>e. Any effect on a locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations?</i></p> <p>There is some potential for impacts to the State Heritage Register listed Upper Canal and to elements of the former Campbelltown to Camden Tramway. Measures have been proposed to prevent impacts on the heritage fabric of these items.</p>	<p>Nil</p>

Factor	Impact
<p><i>f. Any impact on the habitat of any protected fauna (within the meaning of the National Parks and Wildlife Act, 1974)?</i></p> <p>Potential impacts on habitat for protected fauna (including threatened species) have been considered and measures to minimise and mitigate impacts have been proposed. The proposal would not affect habitat on which protected fauna would be reliant.</p>	<p>Minor negative</p>
<p><i>g. Any endangering of any species of animal, plant or other form of life, whether living on land, in water or in the air?</i></p> <p>The proposal would not endanger any species of animal, plant or other form of life, whether living on land, in water or in the air. Approximately 0.01 ha of the endangered Cumberland Plain Woodland would be affected by the proposal. This would occur in biocertified areas and therefore impacts have already been taken into account as part of the biocertification of the Growth Centres SEPP (refer to section 4.3.2) and as part of the Sydney Growth Centres Strategic Assessment Program (refer to section 4.4).</p>	<p>Nil</p>
<p><i>h. Any long-term effects on the environment?</i></p> <p>Long-term negative effects on the environment are not expected. Benefits would be realised in terms of reduced congestion and improvements in road safety.</p>	<p>Positive</p>
<p><i>i. Any degradation of the quality of the environment?</i></p> <p>The impacts of the proposal have been discussed and mitigation measures have been proposed. The proposal would not result in any significant degradation of the quality of the environment.</p>	<p>Nil</p>
<p><i>j. Any risk to the safety of the environment?</i></p> <p>The proposal does not represent a risk to the safety of the environment.</p>	<p>Nil</p>
<p><i>k. Any reduction in the range of beneficial uses of the environment?</i></p> <p>The proposal would not reduce the range of beneficial uses of the environment.</p>	<p>Nil</p>
<p><i>l. Any pollution of the environment?</i></p> <p>The proposal would not result in any pollution of the environment. Safeguards have been proposed to address the risk of pollution during construction.</p>	<p>Nil</p>
<p><i>m. Any environmental problems associated with the disposal of waste?</i></p>	<p>Nil</p>

Factor	Impact
<p>The proposal would result in any problems associated with the disposal of waste.</p>	
<p><i>n. Any increased demands on resources, natural or otherwise which are, or are likely to become in short supply?</i></p> <p>There would be no increased demand on resources, natural or otherwise, which are, or are likely to become in short supply as a result of the proposal.</p>	<p>Nil</p>
<p><i>o. Any cumulative environmental effect with other existing or likely future activities?</i></p> <p>Once complete, the proposal would combine with various other improvements to the road network to address congestion and service growth in the region.</p> <p>The potential for adverse cumulative impacts has been assessed as minor.</p> <p>In terms of biodiversity impacts it is noted that cumulative impacts have already been taken into account as part of the biocertification of the Growth Centres SEPP (refer to section 4.3.2) and as part of the Sydney Growth Centres Strategic Assessment Program (refer to section 4.4).</p>	<p>Long-term positive</p>
<p><i>p. any impact on coastal processes and coastal hazards, including those under projected climate change conditions.</i></p> <p>The proposal site is not located within the coastal zone and would have no impact on coastal processes and coastal hazards.</p>	<p>Nil</p>

Matters of National Environmental Significance

Under the environmental assessment provisions of the EPBC Act, the following matters of national environmental significance and impacts on Commonwealth land are required to be considered to assist in determining whether the proposal should be referred to the Australian Government Department of Sustainability, Environment, Water, Population and Communities.

Factor	Impact
<p><i>a. Any impact on a World Heritage property?</i></p> <p>Given the nature of the proposal and the lack of direct proximity, impacts are not expected.</p>	Nil
<p><i>b. Any impact on the National Heritage values of a National Heritage Place?</i></p> <p>Given the nature of the proposal and the lack of direct proximity, impacts are not expected.</p>	Nil
<p><i>c. Any environmental impact on wetlands of international importance?</i></p> <p>The proposal is not near any wetland of international importance. Indirect impacts are not expected.</p>	Nil
<p><i>d. Any environmental impact on Commonwealth listed threatened species or ecological communities?</i></p> <p>A number of Commonwealth listed threatened species have potential occur in the broader area. The nature, scale and location of the proposal is such that impacts on these species or their habitats are not expected. Indirect impacts are also not expected.</p>	Nil
<p><i>e. Any environmental impact on Commonwealth listed migratory species?</i></p> <p>A number of Commonwealth listed migratory species have potential occur in the broader area. The nature, scale and location of the proposal is such that impacts on these species or their habitats are not expected. Indirect impacts are also not expected.</p>	Nil
<p><i>f. Does any part of the proposal involve a nuclear action?</i></p> <p>The proposal does not involve a nuclear action.</p>	Nil
<p><i>g. Any environmental impact on a Commonwealth marine area?</i></p> <p>The nature, scale and location of the proposal are such that there would be no environmental impact on a Commonwealth Marine area.</p>	Nil

Factor	Impact
<i>h. Any direct or indirect effect on Commonwealth land?</i>	Nil
No direct or indirect impacts expected due to lack of proximity and nature and scale of the proposal.	

The proposal site is primarily located on biocertified lands within the South West Growth Centre. For the purposes of the EPBC Act, the Commonwealth Minister for Sustainability, Environment, Water, Population and Communities has approved (on 28 February 2012) all actions associated with the development of the Western Sydney Growth Centres as described in the Sydney Growth Centres Strategic Assessment Program Report (NSW Government, November 2010). Referral of the proposal (located within the South West Growth Centre) is therefore not required.