



Appendix **B**

Checklist of environmental assesment requirements

Requirements	Where addressed in the Environmental Assessment	Technical Paper
General requirements		
An executive summary	Forms an introductory section to the Main Volume of the Environmental Assessment	n/a
A detailed description of the project, including: <ul style="list-style-type: none"> location, corridor, stations and planning context (including existing and future surrounding land uses and operations) project components and design elements (including rail infrastructure and interactions with services and utilities) construction and operational characteristics (including station operations and rail services) project staging and timing. 	Chapter 6 Section 3.1 Chapter 2 Section 8.1	n/a
An assessment of the key issues , with the following aspects described and addressed for each key issue (where relevant): <ul style="list-style-type: none"> the significance of the existing and future environment the potential impacts of the proposal at construction and operation stages. Direct, indirect and cumulative impacts must be considered. relative planning, land use and development matters (including relevant strategic and statutory matters) considered in the impact assessment and/or in developing management/mitigation measures measures to be implemented to avoid, minimise, manage, mitigate, offset and/or monitor the impacts of the project any residual impacts. 	Chapter 8 Chapter 2 Chapter 12	Technical Paper 1 – traffic and transport Technical Paper 2 – noise and vibration Technical Paper 3 – Non-indigenous heritage Technical Paper 4 – Indigenous heritage Technical Paper 5 – Flora and fauna
A draft Statement of Commitments (SoC) . The SoC must incorporate or otherwise capture measures to avoid, minimise, manage, mitigate, offset and/or monitor impacts identified in the impact assessment sections of the EA and ensure that the wording of the SoC clearly articulates the desired environmental outcome of the commitment. The SoC must be achievable, measurable (with respect to compliance), and time specific.	Chapter 12	n/a
Certification by the author of the Environmental Assessment that the information contained in the Assessment is neither false nor misleading.	Located at the front of the Main Volume of the Environmental Assessment	n/a

Requirements	Where addressed in the Environmental Assessment	Technical Paper
Key issues		
Strategic and project justification Strategically justify the project taking into consideration the objects of the <i>Environmental Planning and Assessment Act 1979</i> , the projects consistency with the aims and objectives of relevant State policies (<i>State Plan, Sydney Metropolitan Strategy, Urban Transport Statement, draft North West Subregional Strategy, North West Growth Centre</i>) and the project objectives.	Chapter 2	n/a
Land use and transport Including: <ul style="list-style-type: none"> compatibility and integration with adjoining land use taking into account relevant Growth Centre plans access to and from the project; access across and along the corridor (for rail users and non uses, including level crossings), integration with existing, planned and potential transport infrastructure and services. This shall include a consideration of: <ul style="list-style-type: none"> travel demand, capacity, and infrastructure augmentation (if required) all modes and users (including pedestrians and cyclists), interchange requirements and facilities, access restrictions (private and public) and opportunities (including multi-user access paths) traffic demand, movements and management (haulage routes, rail crossings, parking, access restrictions, and contingencies) design of station and ancillary facilities, taking into account community amenity, safety and security. 	Section 3.1 Section 3.2 Section 8.1 Section 8.2 Chapter 6	Technical Paper 1 – Traffic and transport
Social and economic Including: <ul style="list-style-type: none"> economic and social impacts on adjoining communities and businesses at a station and catchment level the relocation of Schofields Station and the reorientation of the town centre, including an assessment of impacts to and opportunities for businesses, access, community identity and cohesion, and services relocation or business closure. 	Section 3.3 Section 8.3	n/a

Requirements	Where addressed in the Environmental Assessment	Technical Paper
Noise and vibration Including noise and vibration impacts on receivers (including from ancillary and associated facilities at each stage), taking into account Chapter 171 of the <i>Environmental Noise Control Manual, Interim Guideline for the Assessment of Noise from Rail Infrastructure Projects</i> (DECC/DoP), and <i>Environmental Noise Management Assessing Vibration: a technical guide</i> (DEC)	Section 3.4 Section 8.4	Technical Paper 2 – Noise and vibration
Cultural heritage Including non-Indigenous heritage, with specific consideration of the Riverstone Railway Station Group and Quakers Hill footbridge, taking into account the <i>NSW Heritage Manual</i> (NSW Heritage Office), and <i>Assessing Heritage Significance Guidelines</i> (NSW Heritage Office).	Section 3.5 Section 8.5	Technical Paper 3 – Non-Indigenous heritage
Ecology Including biodiversity, with specific consideration of the Shale Plains Woodland and Shale Gravel Transition Forest and associated species, taking into account the <i>Draft Guidelines for Threatened Species Assessment</i> (DEC), <i>Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities</i> (DEC), <i>Guidelines for the Assessment of Aquatic Ecology in EIA</i> (DoP) and <i>Fish Passage Requirements for Waterway Crossings</i> (NSW Fisheries). Note: In land subject to the Biodiversity Certification for the Sydney Region Growth Centres, the environmental assessment and any proposed mitigation measures (offsets) should reflect and be consistent with the requirements of this certification.	Section 3.6 Section 8.6	Technical Paper 5 – Flora and fauna
Hydrology Including: <ul style="list-style-type: none"> effects of flooding on the project and existing rail infrastructure, and project effects on flood characteristics (including on surrounding land and infrastructure). A range of flood events (including the PFM) shall be assessed in all flood prone areas within and adjoining the corridor surface and storm water, including water body hydrology and water quality, taking into account the <i>Managing Urban Stormwater: Soils and Construction</i> (Landcom) guidelines. 	Section 3.7 Section 8.7	n/a

Requirements	Where addressed in the Environmental Assessment	Technical Paper
Environmental risk analysis		
Notwithstanding the above key assessment requirements, the EA must include an environmental risk analysis to identify potential environmental impacts associated with the project (construction and operation), proposed mitigation measures and potentially significant residual environmental impacts after the application of proposed mitigation measures. Where additional key environmental impacts are identified through this environmental risk analysis, an appropriately detailed impact assessment of this additional key environmental issue must be included in the EA.	Chapter 7	n/a
Consultation		
<p>Undertake an appropriate and justified level of consultation with relevant parties during the preparation of the EA, including:</p> <ul style="list-style-type: none"> ▪ local, State or Commonwealth government authorities including the Department of Environment and Climate Change, Department of Primary Industries, Department of Water and Energy, Growth Centres Commission, Blacktown City Council, and Hawkesbury City Council ▪ service and infrastructure providers including RailCorp and the Roads and Traffic Authority ▪ the public, including adjoining and affected landowners and businesses. <p>The EA must describe the consultation process undertaken and identify the issues raised (including where these have been addressed in the EA).</p>	Chapter 4 Appendix C	Technical Paper 4 – Indigenous heritage