

ST MARYS RESOURCE RECOVERY FACILITY

Appendix B: Secretary's Environmental Assessment Requirements Checklist

APPENDIX B

Secretary's Environmental Assessment Requirements Checklist

Where Secretary's Environmental Assessment Requirements have been addressed

Secretary's Environmental Assessment Requirement relevant to this chapter	Where addressed
The Environmental Impact Statement (EIS) for the development must meet the form and content requirements in Clauses 6 and 7 of Schedule 2 of the <i>Environmental Planning and Assessment Regulation 2000</i> .	Throughout the Environmental Impact Statement Statement of validity Appendix C - <i>Environmental Planning and Assessment Regulation 2000</i> Checklist
In addition, the EIS must include a:	
- detailed description of the development, including: - existing operations carried out on the site and how the site operates lawfully under the <i>Environmental Planning and Assessment Act 1979</i> (EP&A Act) including any reliance on existing use rights and/or planning approvals and how these will be consolidated;	Section 2.3
accurate history of the site, including development consent;	Section 1.2
need for the proposed development;	Section 3
justification for the proposed development;	Section 3
likely staging of the development - including demolition, construction, and operational stage/s;	Section 4
likely interactions between the development and existing, approved and proposed operations in the vicinity of the site;	Sections 7 to 15 Section 15.6
plans of any proposed building works; and	Section 4 Appendix F – Concept Plan and Architectural Drawings
contributions required to offset the proposal.	Consultation has been undertaken with Council regarding required intersection upgrade funding and other potential contributions (refer Section 6.1.2). Section 94 contributions will be determined for the Proposal at a later stage. No other contributions are required to offset the Proposal.
demonstrate that the site is suitable for the proposed use in accordance with <i>State Environmental Planning Policy No 55 - Remediation of Land</i>;	Section 5.3.4
consideration of all relevant environmental planning instruments, including	Section 5

Secretary's Environmental Assessment Requirement relevant to this chapter	Where addressed
identification and justification of any inconsistencies with these instruments;	
consideration of issues discussed in Attachment 2 (public authority responses to key issues);	Sections 6.1 Throughout this EIS
risk assessment of the potential environmental impacts of the development, identifying the key issues for further assessment;	Section 16
- detailed assessment of the key issues specified below, and any other significant issues identified in this risk assessment, which includes: - a description of the existing environment, <u>using sufficient baseline data</u>;	Section 2 Sections 7 to 15 Appendix L to Appendix S
- an assessment of the potential impacts of all stages of the development, including any cumulative impacts, taking into consideration relevant guidelines, policies, plans and statutes;	Section 15.6 Section 5 Sections 7 to 15 Appendix L to Appendix R
- a description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of the development, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment; and	Sections 7 to 15 Section 17 Appendix L to Appendix R
a consolidated summary of all the proposed environmental management and monitoring measures, highlighting commitments included in the EIS.	Section 17
The EIS must also be accompanied by a report from a qualified quantity surveyor providing: a detailed calculation of the capital investment value (as defined in clause 3 of the <i>Environmental Planning and Assessment Regulation 2000</i>) of the proposal, including details of all assumptions and components from which the CIV calculation is derived;	Appendix D – Capital Investment Value Report
a close estimate of the jobs that will be created by the development during the construction and operational phases of the development; and	Section 15.3.3 Appendix D – Capital Investment Value Report
certification that the information provided is accurate at the date of preparation.	Statement of validity
Waste Management - including	
a description of the waste streams that would be accepted at the site including the	Section 4.4.1

Secretary's Environmental Assessment Requirement relevant to this chapter	Where addressed
maximum daily, weekly and annual throughputs and the maximum size and heights for stockpiles;	Appendix A – Proposed waste streams and quantities
details of the source of the waste streams to justify the need for the proposed processing capacity	Section 3.1
a description of waste processing operations, including a description of the technology to be installed, resource outputs, and the quality control measures that would be implemented;	Section 4.4
details of how waste would be stored and handled on site, and transported to and from the site including details of how the receipt of non-conforming waste would be dealt with; and	Section 4.4
the measures that would be implemented to ensure that the development is consistent with the aims, objectives and guidance in the <i>NSW Waste Avoidance and Resource Recovery Strategy 2014- 2021</i>.	Section 3.2.1 Section 4.4
Soil and Water - including	
an assessment of potential impacts to soil and water resources, topography, hydrology, drainage lines, watercourses and riparian lands on or nearby to the site;	Section 9.3 Appendix N – Water and Hydrology Impact Assessment
a detailed site water balance, including identification of water requirements for the life of the project, measures that would be implemented to ensure an adequate and secure water supply is available for the proposal and a detailed description of the measures to minimise water use at the site;	Section 9.3.2 Appendix N – Water and Hydrology Impact Assessment
details of any groundwater extraction and any works with the potential to intercept the groundwater table;	Section 9.3.1 Appendix N – Water and Hydrology Impact Assessment
details of stormwater/wastewater/leachate management systems including the capacity of onsite detention systems and measures to treat, reuse or dispose of water;	Section 9.4 Appendix N – Water and Hydrology Impact Assessment
the measures that would be implemented to ensure that stormwater drainage is in accordance with Penrith City Council's <i>Stormwater Drainage Specification for Building Development</i>;	Section 9.4 Appendix N – Water and Hydrology Impact Assessment

Secretary's Environmental Assessment Requirement relevant to this chapter	Where addressed
a description of erosion and sediment controls; and	Section 9.4 Appendix N – Water and Hydrology Impact Assessment Appendix G – Stormwater Drainage Site Catchment Plan and Erosion and Sediment Control Plan
characterisation of the nature and extent of any contamination on the site and a description of proposed management measures.	Section 10.2.2 Section 10.3 Appendix O – Phase 1 Environmental Site Assessment
Air Quality - including	
a quantitative assessment of the potential air quality, dust and odour impacts of the development in accordance with relevant Environment Protection Authority guidelines;	Section 11.3 Appendix P – Air Quality Impact Assessment
the details of buildings and air handling systems and strong justification for any material handling, processing or stockpiling external to a building;	Section 11.4 Appendix P – Air Quality Impact Assessment
a greenhouse gas assessment; and	Section 13 Appendix Q – Greenhouse Gas Assessment
details of proposed mitigation, management and monitoring measures.	Section 11.4 Appendix P – Air Quality Impact Assessment
Noise and Vibration - including	
a quantitative assessment of potential demolition, construction, operational and transport noise and vibration impacts in accordance with relevant Environment Protection Authority guidelines;	Section 8.3 Appendix M – Noise and Vibration Impact Assessment
an assessment of the predicted transport noise and vibration impacts and justification of proposed transport routes and times; and	Section 8.3.2 Appendix M – Noise and Vibration Impact Assessment
details and justification of the proposed noise mitigation and monitoring measures.	Section 8.4 Appendix M – Noise and Vibration Impact Assessment
Traffic and Transport - including	
details of all traffic types and volumes likely to be generated during construction and operation, including a description of haul routes;	Section 7.3 Appendix L – Traffic Impact Assessment
an assessment of the predicted impacts of this traffic on road safety and the capacity of the road network, including consideration of	Section 7.3.2 Appendix L – Traffic Impact Assessment

Secretary's Environmental Assessment Requirement relevant to this chapter	Where addressed
cumulative traffic impacts at key intersections using SIDRA or similar traffic model;	
detailed plans of the proposed layout of the internal road network and parking on site in accordance with the relevant Australian Standards;	Section 7.3.2 Appendix L – Traffic Impact Assessment
plans of any proposed road upgrades, infrastructure works or new roads required for the development; and	Section 7.3.2 Appendix L – Traffic Impact Assessment
turning path diagrams depicting vehicles entering, exiting and manoeuvring throughout the site.	Figure 7-8 to Figure 7-10 Appendix L – Traffic Impact Assessment
Hazards - including	
a preliminary risk screening completed in accordance with <i>State Environmental Planning Policy No. 33 - Hazardous and Offensive Development</i> and Applying SEPP 33 (DoP, 2011), with a clear indication of class, quantity and location of all dangerous goods and hazardous materials associated with the development. Should preliminary screening indicate that the project is "potentially hazardous" a Preliminary Hazard Analysis (PHA) must be prepared in accordance with <i>Hazardous Industry Planning Advisory Paper No. 6 - Guidelines for Hazard Analysis</i> (DoP, 2011) and <i>Multi-Level Risk Assessment</i> (DoP, 2011).	Section 12.3.2
Sensitive receivers - including	
consideration of potential impacts, particularly noise and air quality, to future residents of the St Marys ADI Site - Central Precinct.	Section 11.3 Appendix P – Air Quality Impact Assessment Section 8.3 Appendix M – Noise and Vibration Impact Assessment
Visual - including	
an assessment of the potential visual impacts of the project on the amenity of the surrounding area.	Section 14.3 Appendix R – Visual Impact Assessment
Plans and Documents	
The EIS must include all relevant plans, architectural drawings, diagrams and relevant documentation required under Schedule 1 of the <i>Environmental Planning and Assessment Regulation 2000</i> . These documents should be included as part of the EIS rather than as separate documents.	Appendix C - <i>Environmental Planning and Assessment Regulation 2000</i> Checklist Appendix F – Concept Plan and Architectural Drawings
Consultation	

Secretary's Environmental Assessment Requirement relevant to this chapter	Where addressed
During the preparation of the EIS, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and potentially affected landowners. In particular, you must consult with: • Penrith City Council; • Environment Protection Authority; • Department of Primary Industries; • WaterNSW; • Roads and Maritime Services; • Fire and Rescue NSW; and • nearby land owners and occupiers that may be affected by the proposal.	Section 6
The EIS must describe the consultation process and the issues raised, and identify where the design of the development has been amended in response to these issues. Where amendments have not been made to address an issue, a short explanation should be provided .	Section 6