



Appendix A

| *SEARs*
| *compliance table*

Table A.1 SEARs compliance table

SEARs	Relevant EIS section/Appendix
General requirements	
The Environmental Impact Statement (EIS) for the development must comply with the requirements in Clauses 6 and 7 of Schedule 2 of the <i>Environmental Planning and Assessment Regulation 2000 (the Regulation)</i> .	1.1 Overview Appendix J Statutory compliance table
In addition, the EIS must include:	
<ul style="list-style-type: none"> • a detailed description of the development, including: <ul style="list-style-type: none"> – an accurate history of the site, including development consents – the need and justification for the proposed development – alternatives considered including a description of feasible options within the development which may include a layout options analysis – likely staging of the development, including details of decommissioning – details of construction, including timetable, hours and construction methods – likely interactions between the development and existing, approved and proposed operations on the site and in the vicinity of the site – plans of any proposed building works, including temporary construction buildings – contributions required to offset the proposal – infrastructure upgrades or items required to facilitate the development, including measures to ensure these upgrades are appropriately maintained • consideration of all relevant environmental planning instruments, including identification and justification of any inconsistencies with these instruments 	2 Existing operations 3.1 Strategic justification for the project 3.5 Feasible alternatives to the project 4.7.1 Duration and staging, 4.9 Decommissioning 4.7.2 Construction hours and workforce 2.4.3 Other development consents and approvals 4 Project description 8.10 Biodiversity 1.5 Related development
<p>Consideration of issues discussed in the public authority responses to request for key issues (see Attachment 2 of the SEARs).</p> <p>Government authority advice from:</p> <ul style="list-style-type: none"> a) Goulburn Mulwaree Council b) TADPAI c) EPA d) NSW Local Health District Public Health Unity e) Transport for NSW f) Water NSW g) DPIE Water and Natural Resources Access Regulator (NRAR) h) Biodiversity and Conservation Division i) Heritage NSW 	a) 7 Engagement and TIA (Appendix T) b) 7 Engagement c) 7 Engagement d) 7 Engagement e) Section 2.2 of the TIA (Appendix T) f) 7 Engagement g) 7 Engagement h) 8.10 Biodiversity and Appendix Y BDAR i) 8.12 Historic heritage and Appendix AA HAA
<ul style="list-style-type: none"> • a risk assessment of the potential environmental impacts of the development, identifying the key issues for further assessment • a detailed assessment of the key issues specified below, and any other significant issues identified in this risk assessment, which includes: <ul style="list-style-type: none"> – a description of the existing environment, using sufficient baseline data 	8 Assessment of impacts 9.6 Summary of project impacts 8.1.2–8.16.2 Existing environment

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SEARs	Relevant EIS section/Appendix
<ul style="list-style-type: none"> – 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 	<p>8.1.3–8.16.3 Potential impacts 9.7 Cumulative impacts</p>
<ul style="list-style-type: none"> – a description of the measures that would be implemented to avoid, minimise, mitigate and if necessary, offset the potential impacts of the development, including proposals for adaptive management and/or contingency plans to manage significant risks to the environment 	<p>8.1.4–8.16.4 Management Measures Appendix E Mitigation measures table</p>
<ul style="list-style-type: none"> – a demonstration of how the development is committed to implementing industry best practices and ongoing environmental improvement. 	<p>1.3 Project Objectives</p>
<ul style="list-style-type: none"> • a consolidated summary of all the proposed environmental management and monitoring measures, highlighting commitments included in the EIS. 	<p>Appendix M Mitigation measures summary table</p>
<ul style="list-style-type: none"> • high quality files of maps and figures of the subject site and proposal 	<p>Included throughout this EIS and appendices</p>
<ul style="list-style-type: none"> • a report from a qualified quantity surveyor providing: <ul style="list-style-type: none"> – a detailed calculation of the capital investment value (CIV) of the proposal (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. The report shall be prepared on company letterhead and indicate the applicable GST component of the CIV 	<p>To be provided separate to the EIS</p>
<ul style="list-style-type: none"> – an estimate of the jobs that will be created by the development during the construction and operational phases of the proposed development 	<p>To be provided separate to the EIS</p>
<ul style="list-style-type: none"> – certification that the information provided is accurate at the date of preparation. 	<p>To be provided separate to the EIS</p>
Key issues	
<p>The EIS must include an assessment of the potential impacts of the proposal (including cumulative impacts) and develop appropriate measures to avoid, mitigate, manage and/or offset these impacts.</p>	<p>8.1.3–8.16.3 Potential impacts 9.6 Summary of project impacts, 9.7 Cumulative impacts</p>
<p>The EIS must address the following specific matters:</p>	
<ul style="list-style-type: none"> • statutory and strategic context – including: <ul style="list-style-type: none"> – justification for the proposal and that the proposal is permissible with consent 	<p>5.3 Permissibility</p>
<ul style="list-style-type: none"> – a detailed description of the history of the site, including the relationship between the proposed development and all development consents and approved plans previously and/or currently applicable to the site 	<p>2 Existing operations</p>
<ul style="list-style-type: none"> – demonstration that the proposal is consistent with all relevant planning strategies, environmental planning instruments, adopted precinct plans, draft district plan(s) and adopted management plans and justification for any inconsistencies. This includes, but is not limited to: <ul style="list-style-type: none"> ▪ <i>State Environmental Planning Policy (Transport and Infrastructure) 2021</i> 	<p>5 Statutory context Appendix J Statutory compliance table</p>
<ul style="list-style-type: none"> ▪ <i>State Environmental Planning Policy (Transport and Infrastructure) 2021</i> 	<p>5.7 Mandatory matters for consideration Appendix J Statutory compliance table</p>

Table A.1 SEARs compliance table

SEARs	Relevant EIS section/Appendix
<ul style="list-style-type: none"> ▪ <i>State Environmental Planning Policy (Planning Systems) 2021</i> 	5.7 Mandatory matters for consideration Appendix J Statutory compliance table
<ul style="list-style-type: none"> ▪ <i>State Environmental Planning Policy (Biodiversity and Conservation) 2021</i> 	5.6 Pre-conditions to approval 5.7 Mandatory matters for consideration Appendix J Statutory compliance table
<ul style="list-style-type: none"> ▪ <i>State Environmental Planning Policy (Resilience and Hazards) 2021</i> 	5.6 Pre-conditions to approval 5.7 Mandatory matters for consideration Appendix J Statutory compliance table
<ul style="list-style-type: none"> ▪ <i>Draft Remediation of Land State Environmental Planning Policy</i> 	5.7 Mandatory matters for consideration Appendix J Statutory compliance table
<ul style="list-style-type: none"> ▪ <i>Goulburn Mulwaree Local Environmental Plan 2009.</i> 	5.6 Pre-conditions to approval 5.7 Mandatory matters for consideration Appendix J Statutory compliance table
<ul style="list-style-type: none"> • Key policies – including: <ul style="list-style-type: none"> – addressing the relevant provisions in, and consistency with, the following State and international waste legislation and policy: 	
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ <i>NSW Energy from Waste Policy Statement (EPA, 2021)</i> 	6 Application of NSW EfW policy
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ <i>NSW Protection of the Environment Operations (Waste) Regulations 2014</i> 	8.17 Waste management Appendix J Statutory compliance table
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ <i>NSW Waste and Sustainable Materials Strategy 2041</i> 	Appendix L BAT and reference facility assessment Appendix J Statutory compliance table
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ <i>NSW Waste Classification Guidelines</i> 	8.17 Waste management Appendix J Statutory compliance table
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ <i>NSW Waste Levy Guidelines (EPA, 2018)</i> 	3 Statutory context Appendix J Statutory compliance table
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ <i>European IPPC Bureau ‘Industrial Emissions Directive’ and BAT (Best Available Techniques) Reference Document (BREF) BREF 2019.</i> 	3 Statutory context Appendix J Statutory compliance table
<ul style="list-style-type: none"> • suitability of the site - a detailed justification that the site can accommodate the proposed development having regard to: 	3 Strategic context
<ul style="list-style-type: none"> <ul style="list-style-type: none"> – existing site operations, their environmental impacts and mitigation measures 	3.3 Site suitability
<ul style="list-style-type: none"> <ul style="list-style-type: none"> – the proposal’s potential environmental impacts and existing site constraints 	3.4 Cumulative impacts with other developments
<ul style="list-style-type: none"> <ul style="list-style-type: none"> – the compatibility of the proposed use with surrounding land uses. 	3.4 Cumulative impacts with other developments

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SEARs	Relevant EIS section/Appendix
<ul style="list-style-type: none"> • community and stakeholder engagement - a community and stakeholder participation strategy identifying key community groups and stakeholders, including: <ul style="list-style-type: none"> – details and justification for the proposed consultation approach(s) 	7 Engagement 7.1 Introduction 7.3 Consultation approach
<ul style="list-style-type: none"> – a description of the form of engagement activities undertaken, including details of how the Applicant has engaged in a genuine dialogue with the community 	7 Consultation and engagement activity
<ul style="list-style-type: none"> – clear evidence of how each stakeholder identified in the community and stakeholder participation strategy has been consulted 	7.4 Engagement carried out
<ul style="list-style-type: none"> – details of issues raised by the community and surrounding landowners and occupiers, how issues have been addressed and whether they have resulted in changes to the development 	7.5 Community views and outcomes
<ul style="list-style-type: none"> – details of the proposed approach to future community and stakeholder engagement based on the results of consultation 	7.6 Engagement to be conducted
<ul style="list-style-type: none"> – details of how monitoring data will be communicated and made publicly accessible to the community, in accordance with the <i>NSW Energy from Waste Policy Statement (EPA, 2021)</i> 	7.6 Engagement to be conducted
<ul style="list-style-type: none"> • air quality and odour - a quantitative assessment of the potential air quality, dust and odour impacts of the development (construction and operation) on surrounding landowners, businesses and sensitive receptors, in accordance with relevant <i>Environment Protection Authority (EPA) guidelines</i>, including: <ul style="list-style-type: none"> – a description of all potential air emissions and odours and their sources, including construction, operational, transport sources and dust generation 	8.1 Air quality and odour Appendix O AQIA
<ul style="list-style-type: none"> – details of the receiving environment, including meteorology and climate, topography, surrounding land use, sensitive receptors and ambient air quality 	8.1.3 Potential impacts Section 4, 7 of the AQIA (Appendix O)
<ul style="list-style-type: none"> – modelling of ‘worst case’ (including a trip or emergency shutdown), regulatory and reference facility emission scenarios 	Section 8.1.2 Existing environment Section 3, 5, 6 of the AQIA (Appendix O)
<ul style="list-style-type: none"> – consideration of the recent (May 2021) amendments to air pollutant standards in the <i>National Environment Protection (Ambient Air Quality) Measure (NEPC, 1998)</i> 	Section 8.1.3 Potential impacts Section 7, 9 of the AQIA (Appendix O)
<ul style="list-style-type: none"> – justification for the level of assessment undertaken based on risk factors, including but not limited to the proposal location, characteristics of the receiving environment and the type and quantity of the pollutants emitted 	Section 3, 9 of the AQIA (Appendix O)
<ul style="list-style-type: none"> – details of the proposed technology and a demonstration that it is technically fit for purpose, including details of commissioning and proof of performance 	Section 1, 8 of the AQIA (Appendix O)
<ul style="list-style-type: none"> – details of emission control techniques and practices, including emission sampling and monitoring, that will be employed, and benchmark these against best practice emission control and management, with reference to the <i>European IPPC Bureau ‘Industrial Emissions Directive’, BAT (Best Available Techniques) Reference Document (BREF) BREF 2019</i> and the <i>NSW Energy from Waste Policy Statement (EPA, 2021)</i> 	Section 4.8 of the EIS and Appendix H
<ul style="list-style-type: none"> – demonstrate a commitment to continual improvement with respect to emission control techniques and practices 	Section 10 of the AQIA (Appendix O)

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SEARs	Relevant EIS section/Appendix
<ul style="list-style-type: none"> – an assessment of cumulative air quality and odour impacts associated with the facility and surrounding developments, including any approved (but not yet constructed) developments and the proposed Jerrara Power Energy from Waste Facility (SSD- 22879238) 	<p>Section 8.1 of the EIS Section 9 of the AQIA (Appendix O)</p>
<ul style="list-style-type: none"> – details of all air quality and odour management, mitigation and monitoring measures. 	<p>Section 8.1.4 of the EIS Section 10 of the AQIA (Appendix O)</p>
<ul style="list-style-type: none"> • human health risk - a quantitative human health risk assessment in accordance with the <i>'Environmental Health Risk Assessment: Guidelines for assessing human health risks from environmental hazards'</i> (<i>enHealth, 2012</i>), including: <ul style="list-style-type: none"> – an assessment of the inhalation of criteria pollutants and exposure (from all pathways, i.e. inhalation, ingestion and dermal) to specific air toxics, including impacts from the transport of waste material – consideration of the impacts on drinking water sources and rainwater tanks, including the impacts on water quality and human health – consideration of the potential health related impacts caused by the incineration of per- and polyfluoroalkyl substances (PFAS) which may be present within the proposed waste fuel, including an assessment of the potential for intake via drinking water and food consumption – an assessment of cumulative human health risk impacts associated with the facility and surrounding developments, including any approved (but not yet constructed) developments and the proposed Jerrara Power Energy from Waste Facility (SSD- 22879238). 	<p>8.2 Human health Appendix P HHRA</p>
<ul style="list-style-type: none"> – an assessment of the inhalation of criteria pollutants and exposure (from all pathways, i.e. inhalation, ingestion and dermal) to specific air toxics, including impacts from the transport of waste material 	<p>8.2.3 Potential impacts</p>
<ul style="list-style-type: none"> – consideration of the impacts on drinking water sources and rainwater tanks, including the impacts on water quality and human health 	<p>8.2.3 Potential impacts</p>
<ul style="list-style-type: none"> – consideration of the potential health related impacts caused by the incineration of per- and polyfluoroalkyl substances (PFAS) which may be present within the proposed waste fuel, including an assessment of the potential for intake via drinking water and food consumption 	<p>8.2.3 Potential impacts</p>
<ul style="list-style-type: none"> – an assessment of cumulative human health risk impacts associated with the facility and surrounding developments, including any approved (but not yet constructed) developments and the proposed Jerrara Power Energy from Waste Facility (SSD- 22879238). 	<p>8.2.6 Cumulative impacts</p>
<ul style="list-style-type: none"> • waste feedstock - including: <ul style="list-style-type: none"> – details and a description of the sources, classes, quantities and composition of waste streams that would be thermally treated at the facility – a waste availability analysis that includes details of waste supply arrangements in the short and long term and an assessment of any competition for waste feedstock – detailed comparison of the proposed plant design, treatment technology and waste feedstock with the selected reference facility(ies) – details of the processing capacity of the facility including typical, maximum and minimum rates of processing, the maximum annual throughput of waste and the maximum volume of waste to be stored at the premises at any one time – demonstration that waste used as a feedstock in the facility would be the residual from a resource recovery process that maximises the recovery of material in accordance with the <i>NSW Energy from Waste Policy Statement (EPA, 2021)</i> – a detailed waste input sampling and monitoring program including a detailed description of waste processing procedures for each waste type received, how inappropriate materials will be excluded from the waste stream and contingency measures that would be implemented if inappropriate materials are identified. 	<p>6 Application of NSW EfW Policy Appendix I Waste feedstock analysis Appendix G Preliminary waste acceptance protocol</p>
<ul style="list-style-type: none"> – details and a description of the sources, classes, quantities and composition of waste streams that would be thermally treated at the facility 	<p>6.5.4 Waste composition Appendix I Waste feedstock analysis</p>
<ul style="list-style-type: none"> – a waste availability analysis that includes details of waste supply arrangements in the short and long term and an assessment of any competition for waste feedstock 	<p>6.5.5 Feedstock supply projections Appendix I Waste feedstock analysis</p>
<ul style="list-style-type: none"> – detailed comparison of the proposed plant design, treatment technology and waste feedstock with the selected reference facility(ies) 	<p>6.3 Reference facility Appendix I Waste feedstock analysis</p>
<ul style="list-style-type: none"> – details of the processing capacity of the facility including typical, maximum and minimum rates of processing, the maximum annual throughput of waste and the maximum volume of waste to be stored at the premises at any one time 	<p>4 Project description</p>
<ul style="list-style-type: none"> – demonstration that waste used as a feedstock in the facility would be the residual from a resource recovery process that maximises the recovery of material in accordance with the <i>NSW Energy from Waste Policy Statement (EPA, 2021)</i> 	<p>6.5.2 MSW eligibility 6.5.3 C&I eligibility Appendix I Waste feedstock analysis</p>
<ul style="list-style-type: none"> – a detailed waste input sampling and monitoring program including a detailed description of waste processing procedures for each waste type received, how inappropriate materials will be excluded from the waste stream and contingency measures that would be implemented if inappropriate materials are identified. 	<p>Appendix G Preliminary waste acceptance protocol</p>
<ul style="list-style-type: none"> • waste management - a waste management assessment, including: 	<p>8.17 Waste management</p>

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SEARs	Relevant EIS section/Appendix
– a list and description, including quantities, composition and classification, of waste material produced (solid, liquid and gaseous) from the facility, including incinerator bottom ash, air pollution control residues and filtrate from the demineralising plant	8.17.2 Waste generation
– describe how waste produced at the site would be treated, stored, used, disposed and handled on site, and transported to and from the site, and the potential impacts associated with these activities, including leaching potential and proposed offsite waste disposal methods	8.17.3 Waste treatment, storage, handling and disposal
– demonstration that any waste material produced from the facility for land application or use in the construction industry is fit-for-purpose and poses minimal risk of harm to the environment in order to meet the requirements for consideration of a resource recovery exemption by the EPA	8.17.3 Waste treatment, storage, handling and disposal
– identify the measures that would be implemented to ensure that the development is consistent with the aims, objectives and guidance in the <i>NSW Waste and Sustainable Material Strategy 2041</i> and the <i>NSW Plastics Action Plan (EPA, 2021)</i>	3.1.3 NSW waste legislation and policy
– detailed description of any proposed immobilisation process for the flue gas residues, which immobilisation approval intended to be used (general or specific) and how the process will comply with the <i>Protection of the Environment Operations (Waste) Regulation</i>	4 Project description Appendix E Ash management study
– a detailed encapsulation cell design that demonstrates the contaminants can be adequately managed	Appendix F Encapsulation cell design report
– details on the location and size of stockpiles of any waste at the site.	4.4.2 IBA area
• traffic and transport – a quantitative traffic impact assessment prepared in accordance with relevant <i>Roads and Maritime Services and Austroads guidelines</i> , that includes:	8.5 Traffic and transport Appendix T TIA
– details of all daily and peak traffic volumes likely to be generated during all key stages of construction and operation, including a description of key access / haul routes, distribution of movements, duration of impacts, vehicle types and queuing impacts	8.5.3 Potential impacts Section 3.6, 4.4, 4.6.1, 4.6.3, 4.7 and 5.6 of the TIA (Appendix T)
– an assessment of the predicted impacts of this traffic on road safety and the capacity of the road network, including a review of crash data and consideration of cumulative traffic impacts at key intersections using SIDRA or similar traffic model	8.5.3 Potential impacts Section 3.7 and 5.1 of the TIA (Appendix T)
– plans demonstrating how all vehicles likely to be generated during construction and operation and awaiting loading, unloading or servicing can be accommodated on the site to avoid queuing in the street network	8.5.3 Potential impacts Figure 4.1 and Section 5.6 of the TIA (Appendix T)
– details and plans of the internal road network, loading dock servicing and provisions and on-site parking provisions in accordance with the relevant Australian Standards	8.5.3 Potential impacts Section 3.9, 4.8, 1.1 of the TIA (Appendix T)
– swept path diagrams depicting vehicles entering, exiting and manoeuvring throughout the site	Appendix D of the TIA (Appendix T)
– details of road and intersection upgrades, infrastructure works or new roads or access points required for the development, if necessary	8.5.3 Potential impacts

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SEARs	Relevant EIS section/Appendix
<ul style="list-style-type: none"> – identification of the truck routes between waste source locations and the site for fuel deliveries, and between the site and potential disposal sites for waste generated 	4.5 Feedstock for the ARC Section 3.6 and 4.7 of the TIA (Appendix T)
<ul style="list-style-type: none"> – details of the types of material being transported and whether the material would be classified as dangerous goods under the <i>Australian Dangerous Goods Code</i> 	8.16 Hazards PHA (Appendix EE) FSS (Appendix FF)
<ul style="list-style-type: none"> – a draft construction and operational traffic management plan. 	A draft Construction Traffic Management Plan has been included in Appendix E of the Traffic Impact Assessment (Appendix T)
<ul style="list-style-type: none"> • noise and vibration – a quantitative noise and vibration impact assessment undertaken by a suitably qualified acoustic consultant in accordance with the relevant EPA guidelines and Australian Standards which includes: 	8.4 Noise and vibration Appendix S NVIA
<ul style="list-style-type: none"> – the identification of impacts associated with construction, site emission and traffic generation at noise affected sensitive receivers, including the provision of operational noise contours and a detailed sleep disturbance assessment 	8.4.4 Potential impacts Section 6 of the NVIA (Appendix S)
<ul style="list-style-type: none"> – details of noise monitoring survey, background noise levels, noise source inventory and ‘worst case’ noise emission scenarios 	8.4.4 Potential impacts Section 3 of the NVIA (Appendix S)
<ul style="list-style-type: none"> – consideration of annoying characteristics of noise and prevailing meteorological conditions in the study area 	8.4.4 Potential impacts Section 5.2.2 of the NVIA (Appendix S)
<ul style="list-style-type: none"> – a cumulative impact assessment inclusive of impacts from existing site operations and other nearby developments 	8.4.4 Potential impacts Section 6.1.2 of the NVIA (Appendix S)
<ul style="list-style-type: none"> – details and analysis of the effectiveness of proposed management and mitigation measures to adequately manage identified impacts, including a clear identification of residual noise and vibration following application of mitigation these measures and details of any proposed compliance monitoring programs. 	8.4.5 Management measures Section 7 of the NVIA (Appendix S)
<ul style="list-style-type: none"> • soil and water - a surface and groundwater assessment that includes: 	8.6 Groundwater 8.7 Surface water Appendix U GWIA Appendix V SWIA
<ul style="list-style-type: none"> – an assessment of potential surface and groundwater impacts associated with the development, including potential impacts on watercourses (Crisps Creek and the Mulwaree River sub-catchment), riparian areas, groundwater, and groundwater-dependent communities 	8.6.3 Potential impacts 8.7.3 Potential impacts Chapter 6 of the SWIA (Appendix V) Chapter 8 of the GWIA (Appendix U)

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SEARs	Relevant EIS section/Appendix
<ul style="list-style-type: none"> – a detailed site water balance including a description of the water demands and breakdown of water supplies, any water licensing requirements, identification of an adequate and secure water supply for the life of the project and details of how the proposal will interact with the existing water management system for the Eco Precinct 	<p>8.7.3 Potential impacts</p> <p>A water balance for the project’s water management system is provided in Chapter 5 of the SWIA (Appendix V).</p> <p>Water licensing requirements are described in Chapter 7 of the SWIA (Appendix V) and in Section 8 and 11 of the GWIA (Appendix U).</p> <p>Residual impacts to the Eco Precincts existing water management system are described in Chapter 6 of the SWIA (Appendix V).</p>
<ul style="list-style-type: none"> – details of the stormwater/wastewater management system including the capacity of the onsite detention system(s), onsite sewage management system and measures to treat, reuse or dispose of water 	<p>8.7.3 Potential impacts</p> <p>Chapter 5 of the SWIA (Appendix V)</p>
<ul style="list-style-type: none"> – demonstration of a Neutral or Beneficial Effect on water quality in accordance with <i>State Environmental Planning Policy (Biodiversity and Conservation) 2021</i> 	<p>8.6.3 Potential impacts</p> <p>8.7.3 Potential impacts</p> <p>Section 10 of the GWIA (Appendix U)</p> <p>Chapter 6 of the SWIA (Appendix V)</p>
<ul style="list-style-type: none"> – a detailed flooding assessment 	<p>Section 4.2.1 of the SWIA (Appendix V)</p>
<ul style="list-style-type: none"> – a geotechnical assessment of land capability, ground stability and soil suitability for the development, including the placement of air pollution control residues 	<p>A design of the air pollution control residues encapsulation cell is provided in the Encapsulation Cell Design Report (Appendix F)</p>
<ul style="list-style-type: none"> – a site contamination assessment in accordance with relevant EPA guidelines 	<p>8.8 Contamination</p> <p>Appendix W Preliminary Site investigation</p>
<ul style="list-style-type: none"> – description of the proposed erosion and sediment controls during construction 	<p>Section 5.3 of the SWIA (Appendix V)</p>
<ul style="list-style-type: none"> – details of all soil and water management, mitigation and monitoring measures. 	<p>8.6.4 Management measures</p> <p>8.7.4 Management measures</p> <p>Chapter 10 of the GWIA (Appendix U)</p> <p>Chapter 8 of the SWIA (Appendix V)</p>
<ul style="list-style-type: none"> • fire and incident management – including: 	<p>Appendix FF FSS</p>
<ul style="list-style-type: none"> – identification of the aggregate quantities of combustible waste products to be stockpiled at any one time 	<p>Appendix FF FSS</p>
<ul style="list-style-type: none"> – technical information on the environmental protection equipment to be installed on the premises such as air, water and noise controls, spill clean-up equipment and fire (including location of fire hydrants and water flow rates at the hydrant) management and containment measures 	<p>Appendix FF FSS</p>
<ul style="list-style-type: none"> – details regarding the fire hydrant system and its minimum water supply capabilities appropriate to the site’s largest stockpile fire load 	<p>Appendix FF FSS</p>
<ul style="list-style-type: none"> – details of size and volume of stockpiles and their management and separation to minimise fire spread and facilitate emergency vehicle access 	<p>Appendix FF FSS</p>

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SEARs	Relevant EIS section/Appendix
<ul style="list-style-type: none"> – consideration of consistency with <i>NSW Fire & Rescue Fire Safety Guideline – Fire Safety in Waste Facilities (February 2020)</i>. 	Appendix FF FSS
<ul style="list-style-type: none"> • hazards and risk – including a preliminary risk screening completed in accordance with <i>State Environmental Planning Policy No. 33 – Hazardous and Offensive Development and Applying SEPP 33 (DoP, 2011)</i>, 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 (DoP, 2011)</i> and <i>Multi-Level Risk Assessment (DoP, 2011)</i>. 	8.16 Hazards Appendix EE PHA
<ul style="list-style-type: none"> • airspace safety – including a plume rise assessment prepared in accordance with relevant <i>Civil Aviation Safety Authority guidelines</i>. 	A plume rise assessment was completed by the Civil Aviation Safety Authority (CASA). CASA considers that there will be an Acceptable Level of Safety regarding the plume. CASA has no objections to the proposal and no mitigations are considered to be required by CASA (letter dated 22/7/2022).
<ul style="list-style-type: none"> • infrastructure requirements – including: <ul style="list-style-type: none"> – identification of any infrastructure upgrades required off-site to facilitate the development and describe any arrangements to ensure that the upgrades will be implemented in a timely manner and maintained 	
<ul style="list-style-type: none"> – details of existing transmission infrastructure constraints and all required transmission infrastructure upgrades, including an assessment of any impacts of any upgrade works and details of management and mitigation measures. 	Section 1.5 Related development Transmission line environmental and social sensitivity analysis (Appendix N)
<ul style="list-style-type: none"> • socio-economic – including: <ul style="list-style-type: none"> – a social impact assessment in accordance with the Department’s relevant guidelines 	8.14 Social Appendix CC SIA
<ul style="list-style-type: none"> – an analysis of any potential economic impacts of the development, including a discussion of any potential economic benefits to the local and broader community. 	8.15 Economic Appendix DD AA EA
<ul style="list-style-type: none"> • visual – a visual impact assessment (including photomontages and perspectives) of the development layout and design (new infrastructure and storage areas), including: <ul style="list-style-type: none"> – consideration of staging, end of life and decommissioning 	8.13 Visual Appendix BB LVIA
<ul style="list-style-type: none"> – an assessment of cumulative impacts with existing site infrastructure 	8.13.2 Existing environment
<ul style="list-style-type: none"> – an assessment of any potential impacts on nearby public and private receivers and significant vantage points (including M23 Federal Highway and Weereewa Lookout) in the broader public domain. 	8.13.3 Potential impacts
<ul style="list-style-type: none"> • Aboriginal Cultural Heritage – an Aboriginal Cultural Heritage Assessment Report (ACHAR) which must: <ul style="list-style-type: none"> – be prepared in accordance with <i>the Code of Practice for Archaeological Investigation in NSW (DECCW, 2010)</i>, and guided by the <i>Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in New South Wales (OEH, 2011)</i> 	8.11 Aboriginal heritage Appendix Z ACHA

Table A.1 SEARs compliance table

SEARs	Relevant EIS section/Appendix
– identify, describe and assess impacts on the Aboriginal cultural heritage values that exist across the development	8.11.3 Existing environment
– provide evidence and details of consultation with Aboriginal people in accordance with the <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents (DECCW, 2010)</i> .	8.11.2 Aboriginal consultation
• biodiversity – an assessment of the proposal’s biodiversity impacts in accordance with the <i>Biodiversity Conservation Act 2016</i> , including the preparation of a Biodiversity Development Assessment Report (BDAR) where required under the Act, except where a waiver for preparation of a BDAR has been granted.	8.10 Biodiversity Appendix Y BDAR
• biosecurity – an assessment of any potential biosecurity risks associated with the movement of waste material and details of any management or mitigation measures.	4.5 Feedstock for the ARC
• greenhouse gas and energy efficiency – an assessment of the proposal’s greenhouse gas emissions (reflecting the Government’s goal of net zero emissions by 2050), including an assessment of cumulative impacts with existing site operations.	8.3 Greenhouse gas Appendix Q GHG impact assessment
• life cycle assessment – a detailed life cycle assessment in accordance with the <i>Australian Renewable Energy Agency guidance Life Cycle Assessment of Bioenergy Products and Projects (ARENA, 2016)</i> .	8.3 Greenhouse gas Appendix R LCA
• bushfire - a bush fire assessment report that addresses the aims and objectives of <i>Planning for Bushfire Protection 2019</i> , which includes details of proposed protection measures, details of operational access for emergency services personnel and emergency and evacuation arrangements.	8.9 Bushfire Appendix X BFPA
• ecologically sustainable development – including a description of how the proposal will incorporate the principles of ecologically sustainable development in the design, construction and ongoing operation of the development.	9.6.4 Ecologically sustainable development
• planning agreement/development contributions – demonstration that satisfactory arrangements have been or would be made to provide, or contribute to the provision of, necessary local and regional infrastructure required to support the development.	5.3 Permissibility

Table A.1 SEARs compliance table

SEARs	Relevant EIS section/Appendix
Consultation	
<p>During the preparation of the EIS, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners.</p> <p>In particular you must consult with:</p> <ul style="list-style-type: none"> • Goulburn Mulwaree Shire Council • Environment Protection Authority • NSW Health (Murrumbidgee Local Health District) • Department of Education (including Tarago Public School) • NSW Roads and Maritime Services • Transport for NSW • DPE Biodiversity and Conservation Division • Department of Industry • NSW Fire and Rescue • Rural Fire Service • Essential Energy • WaterNSW • Department of Primary Industries (Biosecurity) • Department of Primary Industries (Agriculture) • Heritage NSW, Department of Premier and Cabinet • DPE – Water • Natural Resources Access Regulator • Air Services Australia • Civil Aviation Safety Authority • Local Aboriginal Land Council • Woodlawn Eco Precinct Community Liaison Committee • Tarago and District Progress Association Incorporated • surrounding local landowners, businesses and stakeholders • local and regional community and environmental groups • any other public transport, utilities or community service providers. 	<p>7 Engagement Appendix K Project engagement</p>
<p>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.</p>	<p>7 Engagement Appendix K Project engagement</p>
SEARs Expiry	
<p>SEARs will expire two years after the date of issue (or the date they were last modified).</p>	<p>Noted</p>