
Appendix A

SEARs compliance table

Table A.1 SEARs compliance table

SEARs	Relevant EIS section
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</i> (the Regulation).	This document
In particular, the EIS must include:	
• a stand-alone executive summary;	Executive Summary
• a full description of the development, including:	
– the resource to be extracted, including the amount, type and composition;	Refer to Section 3.3 and 3.5.2
– the site layout and extraction plan, including cross-sectional plans;	Refer to Appendix B
– the production process and processing activities, including the in-flow and out-flow of materials and points of discharge to the environment;	Refer to Section 3.5.5, Section 3.6.1 and Appendix F.6
– surface infrastructure and facilities (including any infrastructure that would be required for the development, but would be the subject of a separate approvals process);	Refer to Section 3.5.1 and Section 3.6.9
– a waste (overburden, rejects, tailings etc) management strategy;	Refer to Section 3.5.3 and Section 6.9
– a rehabilitation strategy to apply during, and after completion of, extraction operations, and proposed final use of site; and	Refer to Section 3.6.4, Section 6.8 and Appendix F.8
– the likely interactions between the development and any existing, approved or proposed development in the vicinity of the site;	Refer to Chapter 6 and specialist studies in Appendix F
• a strategic justification of the development focusing on site selection and the suitability of the proposed site;	Refer to Chapters 2 and 7
• a list of any approvals that must be obtained before the development may commence;	Refer to Chapter 4 and Appendix C
• an assessment of the likely impacts of the development on the environment, focusing on the key issues identified below, including:	Refer to Chapter 6 and Appendix E
– a description of the existing environment likely to be affected by the development, using sufficient baseline data;	
– an assessment of the likely impacts of all stages of the development, including any cumulative impacts, taking into consideration any relevant laws, environmental planning instruments, guidelines, policies, plans and industry codes of practice;	
– a description of the measures that would be implemented to avoid, minimise, mitigate and/or offset the likely impacts of the development, and an assessment of:	
▪ whether these measures are consistent with industry best practice, and represent the full range of reasonable and feasible mitigation measures that could be implemented;	
▪ the likely effectiveness of these measures; and	
▪ whether contingency measures would be necessary to manage any residual risks; and	
• description of the measures that would be implemented to monitor and report on the environmental performance of the development;	Refer to Chapter 6 and Appendix E

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<ul style="list-style-type: none"> a consolidated summary of all the proposed environmental management and monitoring measures, identifying all the commitments in the EIS; 	Refer to Appendix E
<ul style="list-style-type: none"> consideration of the development against all relevant environmental planning instruments (including Part 3 of the <i>State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007</i>); 	Refer to Appendix C
<ul style="list-style-type: none"> the reasons why the development should be approved, having regard to: <ul style="list-style-type: none"> relevant matters for consideration under the <i>Environmental Planning and Assessment Act 1979</i>, including the objects of the Act; the biophysical, economic and social impacts of the development, including the principles of ecologically sustainable development; the suitability of the site with respect to potential land use conflicts with existing and future surrounding land uses; feasible alternatives to the development (and its key components); including the consequences of not carrying out the development; 	Refer Section 7.1
	Refer Section 7.2
	Refer Section 7.3
	Refer Section 1.3.3 and 7.4
<ul style="list-style-type: none"> a signed declaration from the author of the EIS, certifying that the information contained within the document is neither false or misleading. 	Refer to the signed declaration at the beginning of this EIS
While not exhaustive, Attachment 1 contains a list of some of the environmental planning instruments, guidelines, policies, and plans that may be relevant to the environmental assessment of this development.	Noted.
In addition to the matters set out in Schedule 1 of the <i>Environmental Planning and Assessment Regulation 2000</i> , the development application must be accompanied by a signed report from a suitably qualified expert that includes an accurate estimate of the capital investment value (as defined in Clause 3 of the <i>Environmental Planning and Assessment Regulation 2000</i>) of the development, including details of all the assumptions and components from which the capital investment value calculation is derived.	Refer Appendix F.12
Key issues	
The EIS must address the following key issues:	
<ul style="list-style-type: none"> noise and blasting – including: <ul style="list-style-type: none"> a detailed assessment of the likely construction, operational and off-site transport noise impacts of the development in accordance with the Interim Construction Noise Guideline, NSW Noise Policy for Industry and the NSW Road Noise Policy respectively, and having regard to the Voluntary Land Acquisition and Mitigation Policy; proposed blasting hours, frequency and methods; a detailed assessment of the likely blasting impacts of the development (including ground vibrations, overpressure, fly rock, visual and fumes/odour) on people, animals, buildings/structures, infrastructure and significant natural features, having regard to the relevant ANZEC guidelines (if any changes to blasting are proposed); 	Refer Section 6.2 and Appendix F.3.
<ul style="list-style-type: none"> air quality – including: <ul style="list-style-type: none"> a detailed assessment of potential construction and operational air quality impacts, in accordance with the <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i>, and with a particular focus on dust emissions including PM_{2.5} and PM₁₀, and having regard to the <i>Voluntary Land Acquisition and Mitigation Policy</i>; 	Refer Section 6.3 and Appendix F.4

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<ul style="list-style-type: none"> • water – including: <ul style="list-style-type: none"> – detailed site water balance, including a description of site water demands, water disposal methods (inclusive of volume and frequency of any water discharges), water supply infrastructure and water storage structures; – identification of any licensing requirements or other approvals under the <i>Water Act 1912</i> and/or <i>Water Management Act 2000</i>; – demonstration that water for the construction and operation of the development can be obtained from an appropriately authorised and reliable supply in accordance with the operating rules of any relevant Water Sharing Plan (WSP); – a description of the measures proposed to ensure the development can operate in accordance with the requirements of any relevant WSP or water source embargo; – an assessment of any likely flooding impacts of the development; – an assessment of the likely impacts on the quality and quantity of existing surface and ground water resources, including a detailed assessment of proposed water discharge quantities and quality against receiving water quality and flow objectives; – an assessment of the likely impacts of the development on aquifers, watercourses, riparian land, water-related infrastructure, and other water users; and – a detailed description of the proposed water management system (including sewage), water monitoring program and other measures to mitigate surface and groundwater impacts; 	<p>Refer Sections 6.4 and 6.5 and Appendices F.5 and F.6</p>
<ul style="list-style-type: none"> • biodiversity – including: <ul style="list-style-type: none"> – accurate predictions of any vegetation clearing on site; – a detailed assessment of the likely biodiversity impacts of the development, paying particular attention to threatened species, populations and ecological communities and groundwater-dependent ecosystems, undertaken in accordance with the <i>Biodiversity Assessment Methodology</i> and documented in a Biodiversity Development Assessment Report (BDAR), unless a BDAR waiver is issued in respect of the Project; and – a strategy to offset any residual impacts of the development in accordance with the <i>Biodiversity Offsets Scheme</i> (where applicable); 	<p>Refer Section 6.6 and Appendix F.7</p>
<ul style="list-style-type: none"> • heritage – including: <ul style="list-style-type: none"> – an assessment of the potential impacts on Aboriginal heritage (cultural and archaeological), including evidence of appropriate consultation with relevant Aboriginal communities/parties and documentation of the views of these stakeholders regarding the likely impact of the development on their cultural heritage; 	<p>Refer to Section 6.7 and Appendix D</p>
<ul style="list-style-type: none"> • traffic and transport – including: <ul style="list-style-type: none"> – accurate predictions of the road traffic generated by the development, including a description of the types of vehicles likely to be used for transportation of quarry products; – a detailed assessment of potential traffic impacts on the capacity, condition, safety and efficiency of the local and State road network (as identified above), including undertaking a road safety audit; and – a description of the measures that would be implemented to mitigate any impacts; 	<p>Refer to Section 6.1 and Appendix F.1 and F.2</p>

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<ul style="list-style-type: none"> • land resources – including a detailed assessment of: <ul style="list-style-type: none"> – potential impacts on soils and land capability (including potential erosion and land contamination); – potential impacts on landforms (topography), paying particular attention to the long-term geotechnical stability of any new landforms (such as overburden dumps, bunds, etc); and – the compatibility of the development with other land uses in the vicinity of the development in accordance with the requirements in Clause 12 of <i>State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007</i>, paying particular attention to the agricultural land use in the region. 	Refer to Section 6.8 and Appendix F.8
<ul style="list-style-type: none"> • waste – including estimates of the quantity and nature of waste streams that would be generated or received by the development and any measures that would be implemented to minimise, manage or dispose of these waste streams; 	Refer to Section 6.9
<ul style="list-style-type: none"> • hazards – including an assessment of the likely risks to public safety, paying particular attention to potential bushfire risks and the transport, handling and use of any hazardous or dangerous goods; 	Refer to Section 6.10 and Appendix F.9
<ul style="list-style-type: none"> • visual – including an assessment of the likely visual impacts of the development on private landowners in the vicinity of the development and key vantage points in the public domain, paying particular attention to any new landforms; 	Refer to Section 6.13
<ul style="list-style-type: none"> • social – including a detailed assessment of the potential social impacts of the development that builds on the findings of the Social Impact Assessment Scoping Report, in accordance with the <i>Social impact assessment guideline for State significant mining, petroleum production and extractive industry development</i>, paying particular consideration to: <ul style="list-style-type: none"> – how the development might affect people’s way of life, community, access to and use of infrastructure, services and facilities, culture, health and wellbeing, surroundings, personal and property rights, decision-making systems, and fears and aspirations; – the principles in Section 1.3 of the guideline; – the review questions in Appendix D of the guideline; and 	Refer to Section 6.11 and Appendix F.10
<ul style="list-style-type: none"> • economic – including a detailed assessment of the likely economic impacts of the development, paying particular attention to: <ul style="list-style-type: none"> – the significance of the resource; – the costs and benefits of the development; identifying whether the development as a whole would result in a net benefit to NSW, including consideration of fluctuation in commodity markets and exchange rates; and – the demand on local infrastructure and services; and 	Refer to Section 6.12 and Appendix F.11
<ul style="list-style-type: none"> • rehabilitation – including the proposed rehabilitation strategy for the site having regard to the key principles in the <i>Strategic Framework for Mine Closure</i>, including: <ul style="list-style-type: none"> – rehabilitation objectives, methodology, monitoring programs, performance standards and proposed completion criteria; – nominated final land use, having regard to any relevant strategic land use planning or resource management plans or policies; and – the potential for integrating this strategy with any other rehabilitation and/or offset strategies in the region. 	Refer to Section 6.8 and Appendix F.8
Plans and documents	
The EIS must include all relevant plans, architectural drawings, diagrams and relevant documentation required under Schedule 1 of the Regulation. Provide these as part of the EIS rather than as separate documents.	Refer to Appendix B

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SEARs	Relevant EIS section
Consultation	
<p>During the preparation of the EIS, you must consult with relevant local, State and Commonwealth Government authorities, service providers, Aboriginal stakeholders, community groups and affected landowners.</p>	<p>Refer to Chapter 5, Section 6.11, Appendix D and Appendix F.10.</p>
<p>In particular you must consult with:</p>	
<ul style="list-style-type: none"> - affected landowners; - the Gunlake Quarry Community Consultative Committee; - community groups; - Aboriginal stakeholders; - Goulburn Mulwaree Council; - Biodiversity and Conservation Division within the Department; - Heritage NSW – Aboriginal Cultural Heritage Regulation; - South East Local Land Services; - Environment Protection Authority; - Mining, Exploration & Geoscience within Regional NSW; - the Water Group within the Department; - the Primary Industries Group within the Department (including NSW Agriculture); - the Crown Lands Group within the Department; - NSW Health; - Water NSW; - NSW Rural Fire Service; and - Transport for NSW. 	
<p>The EIS must:</p>	<p>Refer to Chapter 5</p>
<ul style="list-style-type: none"> • describe the consultation process used and demonstrate that effective consultation has occurred; • describe the issues raised; • identify where the design of the development has been amended and/or mitigation proposed to address issues raised; and • otherwise demonstrate that issues raised have been appropriately addressed in the assessment. 	
Further consultation after 2 years	Noted
<p>If you do not lodge a Development Application and EIS for the development within two years of the issue date of these SEARs, you must consult further with the Planning Secretary in relation to the preparation of the EIS.</p>	