



Appendices

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- Appendix A Coverage of Secretary's Environmental Assessment Requirements and Requirements of Consulted Government Agencies (16 pages)
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ENVIRONMENTAL IMPACT STATEMENT

Cleary Bros (Bombo) Pty Ltd
Albion Park Quarry Extraction Area Stage 7 Extension

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Appendix A

Coverage of Secretary's Environmental Assessment Requirements and Requirements of Consulted Government Agencies

(Total No. of pages including blank pages = 16)



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**Table A.1
Coverage of Secretary's Environmental Assessment Requirements in the EIS**

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Summarised or Paraphrased Relevant Requirement	Relevant EIS Section(s)
GENERAL REQUIREMENTS	
• A stand-alone executive summary.	Executive Summary
• A full description of the development.	3
• A strategic justification of the development focusing on site selection and the suitability of the proposed site.	1.4, 2
• A list of any approvals that must be obtained before the development may commence.	3.1.3
• An assessment of the likely impacts of the development on the environment.	6
• A consolidated summary of all the proposed environmental management and monitoring measures, identifying all the commitments in the EIS	Appendix D
• Consideration of the development against all relevant environmental planning instruments	4
• The reasons why the development should be approved	7.4
• A signed declaration from the author of the EIS	Author's Certification
KEY ISSUES	
NOISE AND BLASTING	
• A detailed assessment of the likely operational noise impacts of the development	6.3
• Proposed blasting hours, frequency and methods	3.6.2.1, 3.8
• 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.	6.3.7.3
AIR QUALITY	
• A detailed assessment of potential operational air quality impacts, a particular focus on dust emissions including PM _{2.5} and PM ₁₀ .	6.2.8
WATER	
• A detailed site water balance;	6.9.3.3
• Identification of any licensing requirements or other approvals under the Water Act 1912 and/or Water Management Act 2000;	6.9.2.4 6.10.5.4
• Demonstration that water for the 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);	6.9.2.4, 6.10.5.4
• 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;	6.9.2.4, 6.10.5.4
• 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;	6.9.2.3, 6.9.3.2, 6.9.5, 6.10.5.6
• An assessment of the likely impacts of the development on aquifers, watercourses, riparian land, water-related infrastructure, and other water users; and	6.9.5, 6.10.5
• A detailed description of the proposed water management system, water monitoring program and other measures to mitigate surface and groundwater impacts;	6.9.4, 6.9.6, 6.10.5, 6.10.6
FLOODING	
• An assessment of any likely flooding impacts of the development;	6.9.5



Table A.1 (Cont'd)
Coverage of Secretary's Environmental Assessment Requirements in the EIS

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Summarised or Paraphrased Relevant Requirement	Relevant EIS Section(s)
BIODIVERSITY	
<ul style="list-style-type: none"> • Accurate predictions of any vegetation clearing on site; 	6.5.5
<ul style="list-style-type: none"> • 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; 	6.5.5
<ul style="list-style-type: none"> • A strategy to offset any residual impacts of the development in accordance with the <i>Biodiversity Offsets Scheme</i>; 	3.13
ABORIGINAL HERITAGE	
<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; 	6.6
HISTORIC HERITAGE	
<ul style="list-style-type: none"> • Identification of historic heritage in the vicinity of the development and an assessment of the likelihood and significance of impacts on heritage items; 	6.7
TRAFFIC AND TRANSPORT	
<ul style="list-style-type: none"> • Accurate predictions of the road traffic generated by the construction and operation of the development, including a description of the types of vehicles likely to be used for transportation of quarry products; 	3.6.4.2
<ul style="list-style-type: none"> • 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 	6.12
<ul style="list-style-type: none"> • A description of the measures that would be implemented to mitigate any impacts; 	6.12.3
LAND RESOURCES	
<ul style="list-style-type: none"> • Potential impacts on soils and land capability; and 	6.8.6
<ul style="list-style-type: none"> • Potential impacts on landforms (topography), paying particular attention to the long-term geotechnical stability of any new landforms 	3.12.2, 3.12.5, 6.8.6
<ul style="list-style-type: none"> • The compatibility of the development with other land uses in the vicinity of the development 	3.12.9, 6.8.6
WASTE	
<ul style="list-style-type: none"> • Estimates of the quantity and nature of the waste streams that would be generated or received by the development; and 	3.6.5, 3.12.3
<ul style="list-style-type: none"> • Any measures that would be implemented to minimise, manage or dispose of these waste streams 	3.6.5, 3.12.3
HAZARDS	
<ul style="list-style-type: none"> • 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. 	2.3.6, 6.11 Appendix E
VISUAL	
<ul style="list-style-type: none"> • A detailed assessment of the likely visual impacts of the development (before, during and post-extraction) on private landowners in the vicinity of the development and key vantage points in the public domain, paying particular attention to any new landforms. 	6.4



Table A.1 (Cont'd)
Coverage of Secretary's Environmental Assessment Requirements in the EIS

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Summarised or Paraphrased Relevant Requirement	Relevant EIS Section(s)
SOCIAL	
<ul style="list-style-type: none"> • A detailed assessment of the potential social impacts of the development. 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; 	6.14
<ul style="list-style-type: none"> – The principles in Section 1.3 of the guideline; and 	6.14.4
<ul style="list-style-type: none"> – The review questions in Appendix D of the guideline. 	SCSC Part 10
ECONOMIC	
<ul style="list-style-type: none"> • 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; and 	1.3.5, 2.2.3, 3.3.2
<ul style="list-style-type: none"> – The costs and benefits of the project; identifying whether the development as a whole would result in a net benefit to NSW. 	6.13.3, 6.13.4
REHABILITATION	
<ul style="list-style-type: none"> • Rehabilitation objectives, methodology, monitoring programs, performance standards and proposed completion criteria; 	3.12, 3.12.6
<ul style="list-style-type: none"> • Nominated final land use, having regard to any relevant strategic land use planning or resource management plans or policies; and 	3.12.5, 3.12.9
<ul style="list-style-type: none"> • The potential for integrating this strategy with any other rehabilitation and/or offset strategies in the region. 	3.12.9
CONSULTATION	
<ul style="list-style-type: none"> • Affected landowners; 	Appendix C
<ul style="list-style-type: none"> • Community groups; 	5.1.2
<ul style="list-style-type: none"> • Shellharbour City Council; 	5.2.1
<ul style="list-style-type: none"> • Biodiversity Conservation Division within DPIE; 	5.2.1, Appendix C
<ul style="list-style-type: none"> • Heritage Branch within DPIE; 	5.2.1
<ul style="list-style-type: none"> • Environment Protection Authority; 	5.2.1
<ul style="list-style-type: none"> • Division of Resources and Geoscience within DPIE; 	5.2.1
<ul style="list-style-type: none"> • Division of Primary Industries within the Department (including NSW Forestry, Agriculture and Fisheries); 	5.2.1
<ul style="list-style-type: none"> • Crown Lands Division within the Department; 	5.2.1
<ul style="list-style-type: none"> • Water Division within DPIE; 	5.2.1
<ul style="list-style-type: none"> • South East Local Land Services; 	5.2.1
<ul style="list-style-type: none"> • Water NSW; 	5.2.1
<ul style="list-style-type: none"> • NSW Health; 	5.2.1
<ul style="list-style-type: none"> • NSW Rural Fire Service; 	5.2.1
<ul style="list-style-type: none"> • Roads and Maritime Services; and 	5.2.1
<ul style="list-style-type: none"> • The Albion Park Quarry Community Consultative Committee. 	Appendix C



Table A.2
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

Page 1 of 11

Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
GENERAL REQUIREMENTS		
Shellharbour City Council 26/09/2019	• Objectives of the proposal.	3.1.1
	• A description of the strategic need, justification, objectives and outcomes for the proposal.	1.3.5, 1.4, 2, 3.1.1, 3.1.2
	• Reasoning behind the inclusion of Stage 1- 6 under Stage 7.	3.2.1
PLANNING		
Shellharbour City Council 26/09/2019	The EIS will need to provide evidence to demonstrate that Stage 7 of the quarry meets the requirements of the Mining SEPP.	Appendix B – Table B.1
NOISE AND BLASTING		
NSW EPA 3/09/2019	• Identification and assessment of all potential noise sources associated with the development.	6.3.5.2
	• The location of all noise sensitive receivers.	Figure 6.3.1
	• Proposed hours of operation	3.8
	• Proposed noise mitigation measures	6.3.6
	• Assessment of cumulative noise impacts	6.3.7.1
	• Background noise measurements	6.3.3.2
	• Account for any low frequency noise	6.3.4.1 & SCSC Part 3 – Appendix C
	The assessment should consider vibration in accordance with NSW <i>Noise Policy for Industry and Assessing Vibration: a technical guideline</i> (DEC, 2006) for assessing vibration.	6.3.7.3
Shellharbour City Council 26/09/2019	The assessment must include specific consideration of impacts to receivers (educational).	6.1.1, 6.2.8.1, 6.3.4.1, 6.4.2, SCSC Part 3
AIR QUALITY		
NSW EPA 3/09/2019	Include a detailed description of the proposal. All processes that could result in air emissions must be identified and described.	3, 6.2.4
	• Describe the receiving environment in detail.	
	– meteorology and climate	6.1.2
	– topography	6.1.1
	– surrounding land-use	2.3.3
	– receptors	Figure 6.2.1
	– ambient air quality	6.2.3.2
	• Account for cumulative impacts.	6.2.8
• Assess the risk associated with potential discharges of fugitive and point source emissions for all stages of the proposal.	6.2.5, 6.2.8, 6.2.9	
• Describe any proposed emission control techniques, monitoring and management measures.	6.2.7	



Table A.2 (Cont'd)

Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
AIR QUALITY (Cont'd)		
NSW EPA 3/09/2019 (Cont'd)	<ul style="list-style-type: none"> Assess opportunities to minimise Vehicle Kilometres Travelled and measures to minimise the potential for air quality impacts associated with truck movements. 	3.4.4, 6.2.6, 6.2.7
	<ul style="list-style-type: none"> Demonstrate the proposal's ability to comply with the relevant regulatory framework, specifically the <i>POEO Act 1997</i> and the <i>POEO (Clean Air) Regulation 2002</i>. 	6.2.5, 6.2.8
	The AQIA must be prepared in accordance with the EPA's " <i>Approved Methods and Guidance for the Modelling & Assessment of Air Pollutants in NSW</i> ". The AQIA must describe the methodology used and any assumptions made to predict the impacts. Air pollutant emission rates, ambient air quality data and meteorological data used in the assessment must be clearly stated and justified.	6.2.3, 6.2.6, SCSC Part 1
	A site-specific Best Management Practice determination be prepared as part of the AQIA.	6.2.6, SCSC Part 1
Shellharbour City Council 26/09/2019	Dust reduction measures and management to prevent impact on adjoining properties during and after operation.	3.12.6, 6.2.7
WATER		
DPIE Water 22/08/2019	<ul style="list-style-type: none"> The identification of an adequate and secure water supply for the life of the project. This includes confirmation that water can be sourced from an appropriately authorised and reliable supply. This is also to include an assessment of the current market depth where water entitlement is required to be purchased. 	6.9.2.4, 6.10.5.4
	<ul style="list-style-type: none"> A detailed and consolidated site water balance. 	6.9.3.3
	<ul style="list-style-type: none"> Assessment of impacts on surface and ground water sources (both quality and quantity), related infrastructure, adjacent licensed water users, basic landholder rights, watercourses, riparian land, and groundwater dependent ecosystems, and measures proposed to reduce and mitigate these impacts. 	6.9.4, 6.9.5, 6.10.5, 6.10.6
	<ul style="list-style-type: none"> Proposed surface and groundwater monitoring activities and methodologies. 	6.9.6, 6.10.6
DPIE – Biodiversity & Conservation Division 5/09/2019	Must map the following features relevant to water	
	<ul style="list-style-type: none"> Rivers, streams, wetlands, estuaries (as described in s4.2 of the Biodiversity Assessment Method). 	Figure 6.9.1, Figure 6.9.2,
	<ul style="list-style-type: none"> Wetlands as described in s4.2 of the Biodiversity Assessment Method. 	Figure 6.10.2
	<ul style="list-style-type: none"> Groundwater. 	Figure 6.10.1, Figure 6.10.2, Figure 6.10.3
	<ul style="list-style-type: none"> Groundwater dependent ecosystems. 	Figure 6.10.2
	<ul style="list-style-type: none"> Proposed intake and discharge locations. 	Figure 6.9.2
	Describe background conditions	
<ul style="list-style-type: none"> Existing surface and groundwater. 	6.9.2, 6.10.2	
<ul style="list-style-type: none"> Hydrology, including volume, frequency and quality of discharges at proposed intake and discharge locations. 	6.9, 6.10	



Table A.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
WATER (Cont'd)		
DPIE – Biodiversity & Conservation Division 5/09/2019 (Cont'd)	<ul style="list-style-type: none"> Water Quality Objectives including groundwater as appropriate that represent the community's uses and values for the receiving waters. 	6.9.2.2, SCSC Part 7, SCSC Part 8
	<ul style="list-style-type: none"> Indicators and trigger values/criteria for the environmental values identified in accordance with the ANZECC (2000) Guidelines for Fresh and Marine Water Quality and/or local objectives, criteria or targets endorsed by the NSW Government. 	6.9.5, 6.9.6,
	<ul style="list-style-type: none"> The nature and degree of impact on receiving waters for both surface and groundwater, demonstrating how the project protects the Water Quality Objectives where they are currently being achieved, and contributes towards achievement of the Water Quality Objectives over time where they are currently not being achieved. This should include an assessment of the mitigating effects of proposed stormwater and wastewater management during and after construction. 	6.9.3.1, 6.9.5, 6.10.2.4, 6.10.5
	<ul style="list-style-type: none"> Identification of proposed monitoring of water quality or required changes to existing monitoring programs. 	6.9.6, 6.10.6
	<p>The project's impact on hydrology, including:</p> <ul style="list-style-type: none"> Water balance including quantity, quality and source. 	6.9.3, 6.9.5, 6.10.5.1-6.10.5.3
	<ul style="list-style-type: none"> Effects to downstream rivers, wetlands, estuaries, marine waters and floodplain areas. 	6.9.3.1
NSW EPA 3/09/2019	<ul style="list-style-type: none"> Details on the existing stormwater management system, its performance and whether it needs to be upgraded to meet current contemporary standards. This should include water management associated with: <ul style="list-style-type: none"> open stockpiles 	6.9.2.3
	<ul style="list-style-type: none"> unsealed/sealed areas 	6.9.2.3
	<ul style="list-style-type: none"> extraction areas 	6.9.2.1, 6.9.2.3
	<ul style="list-style-type: none"> haul roads 	6.9.2.3
	<ul style="list-style-type: none"> Provide a description of the receiving waters including surface and groundwater. 	6.9.2, 6.10.2
	<ul style="list-style-type: none"> Provide information on any water discharges including location, volumes, water quality, monitoring programs and frequency of discharge. 	6.9.2, 6.10.6
	<ul style="list-style-type: none"> Describe the nature and degree of any likely impacts that the proposed project may have on the receiving environment. 	6.9.3.1
	<ul style="list-style-type: none"> Demonstrate that all practical options to avoid discharge have been implemented and environmental impact minimised where discharge is necessary. 	6.9.3.3
	<ul style="list-style-type: none"> Describe how stormwater will be managed. 	6.9.4
	<p>The EIS should demonstrate how the stormwater management system will satisfy <i>Managing Urban Stormwater - Soils and Construction - Volume 2E Mines and Quarries</i> (DECC June 2008).</p>	6.9.2.3



Table A.2 (Cont'd)

Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
WATER (Cont'd)		
Shellharbour City Council 26/09/2019	<ul style="list-style-type: none"> Impacts on watercourses and surface water flows, quality, quantity, availability and users (commercial and residential), with particular reference to any likely impacts on surrounding water bodies and their catchments 	6.9.3.1, 6.9.5,
	<ul style="list-style-type: none"> An assessment of operational water quality impacts. 	6.9.5, 6.10.5
	<ul style="list-style-type: none"> assessment of waterways to be modified as a result of the proposal 	6.9.3.1
	<ul style="list-style-type: none"> identifying potential impacts of the development on acid sulfate soils 	NA
FLOODING AND COASTAL HAZARDS		
DPIE – Biodiversity & Conservation Division 5/09/2019	Not applicable.	Noted
WASTE MANAGEMENT		
NSW EPA 3/09/2019	Any waste generated at the site should be assessed and classified in accordance with the <i>Waste Classification Guidelines</i> and documented in the EIS.	3.6.5
	The EIS should detail the type and quantity of any chemical substances to be used or stored at the site and describe arrangements for their safe use and storage	3.6.5
CONTAMINATED LAND MANAGEMENT		
NSW EPA 3/09/2019	Whether the land is contaminated.	3.6.5
LAND AND EXTRACTIVE RESOURCES		
DPIE – Division of Resources and Geoscience 28/08/2019	Include a resource assessment which: <ul style="list-style-type: none"> Document the size and quality of the resource and demonstrates that both have been adequately assessed; and 	3.3.2
	<ul style="list-style-type: none"> Document the methods used to assess the resource and its suitability for the intended applications. 	3.3.3
	Should any biodiversity conservation measures become necessary, the Division requests early consultation to ensure there is no consequent reduction in access to prospective land for mineral exploration, or potential for sterilisation of mineral or extractive resources.	Noted
BIODIVERSITY		
DPIE – Biodiversity & Conservation Division 5/09/2019	<ul style="list-style-type: none"> Biodiversity impacts related to the proposed project are to be assessed in accordance with the Biodiversity Assessment Method and documented in a Biodiversity Development Assessment Report (BDAR). 	6.5.2.1, SCSC Part 4
	<ul style="list-style-type: none"> The BDAR must document the application of the avoid, minimise and offset framework including assessing all direct, indirect and prescribed impacts in accordance with the Biodiversity Assessment Method. 	6.5.4, 6.5.3, SCSC Part 4
	<ul style="list-style-type: none"> The BDAR must include details of the measures proposed to address the offset obligation. 	3.13.4



Table A.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
BIODIVERSITY (Cont'd)		
Shellharbour City Council 26/09/2019	<ul style="list-style-type: none"> • Threatened flora species also recommended for targeted survey includes <i>Rhodamnia rubescens</i> (Scrub Turpentine) and <i>Solanum celatum</i>. • EPBC referral for all EPBC listed matters recorded or considered likely to be impacted by the proposal including, Illawarra - Shoalhaven Subtropical Rainforest of the Sydney Basin Bioregion. • Address potential impacts upon Illawarra Subtropical Rainforest, Illawarra Zieria, Scrub Turpentine, Illawarra Socketwood and Melaleuca tall Shrubland EEC. <p>Council recommends measures to avoid and minimise impacts including:</p> <ul style="list-style-type: none"> • A reduction of the extraction area to keep disturbance to above the top of the slope above large continuous patch of ISTR below the south west boundary of the proposed stage 7 area. • Avoiding areas of Melaleuca Tall Shrubland EEC including Illawarra Zieria to retain all or at least some of this EEC and threatened species in situ. <p>The Stage 7 area is directly adjacent to and poses indirect impact to E2 (Environmental Conservation) zoned land. Assessment must ensure that the proposal is in accordance with the LEP 2013;</p> <ul style="list-style-type: none"> • Objectives of Environmentally Sensitive Land as detailed in Clause 6.5; and, • Objectives of E2 (Environmental Conservation) as detailed in Clause 2.8 (Page 29). • Mitigation measures including a detailed protocol for minimising the risk of harm to native fauna during vegetation removal and the ongoing operation of the extraction. • Measures to propagate from Illawarra Zieria to be removed • Soil translocation should be considered in this regard. • Dunmore Hills Regional Biodiversity Corridor as mapped in the Illawarra Biodiversity Strategy (2011). Revegetation works must be planned strategically to restore habitat and connectivity as much as possible as well as maintain weeds and further degradation of surrounding environments in the long term. 	<p>SCSC Part 4</p> <p>3.2.3</p> <p>SCSC Part 4</p> <p>1.4, 6.5.4, Figure 1.4</p> <p>1.4, 6.5.4, Figure 1.4</p> <p>4.3.2, 7.5.2</p> <p>Appendix B – Table B.1</p> <p>4.3.2</p> <p>6.5.4</p> <p>6.5.4</p> <p>6.5.4, 6.8.4</p> <p>3.13</p>
DAWE – Department of Agriculture, Water and Environment 11/03/2021	<p>3. The Applicant must undertake an assessment of all protected matters that may be impacted by the development on listed threatened species and communities (sections 18 and 18A):</p> <ul style="list-style-type: none"> a) Illawarra-Shoalhaven Subtropical Rainforest of the Sydney Basin Bioregion – listed as Critically Endangered under the EPBC act; b) Illawarra Zieria (<i>Zieria granulata</i>) – listed as Endangered under the EPBC Act; and c) Grey-headed Flying-fox (<i>Pteropus poliocephalus</i>) – listed as Vulnerable under the EPBC Act. 	<p>6.5, SCSC Part 4</p> <p>6.5.5, 6.5.6</p> <p>6.5.2.2, 6.5.3, 6.5.6</p> <p>SCSC Part 4</p>



Table A.2 (Cont'd)

Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
BIODIVERSITY (Cont'd)		
DAWE – Department of Agriculture, Water and Environment 11/03/2021 (Cont'd)	4. The Applicant must consider the protected matters under the triggered controlling provisions that may be impacted by the action. Note that this may not be a complete list and it is the responsibility of the Applicant to undertake an analysis of the relevant impacts and ensure all protected matters that are likely to be impacted are assessed for the Commonwealth Minister's consideration.	4.3.3.3, 6.5.2.2
	Relevant Regulations	
	5. The Environmental Impact Statement (EIS) must address the matters outlined in Schedule 4 of the EPBC Regulations and the matters outlined below in relation to the controlling provisions.	This EIS
	Project Description	
	6. The title of the action, background to the action [and the current status of the action].	Section 1
	7. The precise location and description of all works to be undertaken (including associated offsite works and infrastructure), structures to be built or elements of the action that may have impacts on Matters of National Environmental Significance (MNES).	6.5.5, Figures 1.1, 1.3, 3.4 to 3.7, 3.9 to 3.11
	8. How the action relates to any other actions that have been, or are being taken in the region affected by the action.	1.3.4, 2.3.3, 3.6.1, Section 6
	9. How the works are to be undertaken and design parameters for those aspects of the structures or elements of the action that may have relevant impacts on MNES.	3.6.2, 6.5.4
	Impacts	
	10. The EIS must include an assessment of the relevant impacts of the action on the matters protected by the controlling provisions, including:	
	i. a description and detailed assessment of the nature and extent of the likely direct, indirect and consequential impacts, including short term and long term relevant impacts;	6.5.5
	ii. a statement whether any relevant impacts are likely to be unknown, unpredictable or irreversible;	6.5.5
	iii. analysis of the significance of the relevant impacts; and	6.5.5
	iv. any technical data and other information used or needed to make a detailed assessment of the relevant impacts.	6.5.5
	Avoidance, mitigation and offsetting	
11. For each of the relevant matters protected that are likely to be significantly impacted by the action, the EIS must provide information on proposed avoidance and mitigation measures to manage the relevant impacts of the action including:	6.5.5	
i. a description, and an assessment of the expected or predicted effectiveness of the mitigation measures,	6.5.5	
ii. any statutory policy basis for the mitigation measures;	Section 4	
iii. the cost of the mitigation measures;	3.13	



Table A.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)	
BIODIVERSITY (Cont'd)			
DAWE – Department of Agriculture, Water and Environment 11/03/2021 (Cont'd)	iv. an outline of an environmental management plan that sets out the framework for continuing management, mitigation and monitoring programs for the relevant impacts of the action, including any provisions for independent environmental auditing;	6.5.4	
	v. the name of the agency responsible for endorsing or approving each mitigation measure or monitoring program.	6.5.4	
	12. Where a significant residual adverse impact to a relevant protected matter is considered likely, the EIS must provide information on the proposed offset strategy, including discussion of the conservation benefit associated with the proposed offset strategy.	3.13	
	13. For each of the relevant matters likely to be impacted by the action the EIS must provide reference to, and consideration of, relevant Commonwealth guidelines and policy statements including any:	SCSC Part 4	
	i. conservation advice or recovery plan for the species or community,	SCSC Part 4	
	ii. relevant threat abatement plan for the species;	SCSC Part 4	
	iii. wildlife conservation plan for the species; and	SCSC Part 4	
	iv. any strategic assessment.	SCSC Part 4	
	Assessment Requirements		
	14. For each of the EPBC Act listed species predicted to occur in the project site, and each of the EPBC Act listed ecological communities likely to be significantly impacted, the EIS/Biodiversity Development Assessment Report (BDAR) must provide:	SCSC Part 4	
	a) survey results, including details of the scope, timing and methodology for studies or surveys used and how they are consistent with (or justification for divergence from) published Commonwealth guidelines and policy statements and/or the NSW Biodiversity Assessment Method (BAM);	SCSC Part 4	
	b) a description and quantification of habitat in the study area (including suitable breeding habitat, suitable foraging habitat, important populations and habitat critical for survival), with consideration of, and reference to, any relevant Commonwealth guidelines and policy statements including listing advices, conservation advices and recovery plans, threat abatement plans and wildlife conservation plans; and	SCSC Part 4	
	c) maps displaying the above information (specific to each EPBC protected matter) overlaid with the proposed action.	Figure 6.5.1	
15. The EIS/BDAR must describe the nature, geographic extent, magnitude, timing and duration of any likely direct, indirect and consequential impacts on any relevant EPBC Act listed species and communities. It must clearly identify the location and quantify the extent of all impact areas to each relevant EPBC Act listed species or community.	6.5.3, SCSC Part 4		



Table A.2 (Cont'd)

Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
BIODIVERSITY (Cont'd)		
DAWE – Department of Agriculture, Water and Environment 11/03/2021 (Cont'd)	16. For each of the EPBC Act listed species and communities likely to be impacted by the development, the EIS/BDAR must provide information on proposed avoidance and mitigation measures to deal with the impacts of the action, and a description of the predicted effectiveness and outcomes that the avoidance and mitigation measures will achieve.	6.5.4, SCSC Part 4
	17. The EIS/BDAR must identify each EPBC Act listed species and community likely to be significantly impacted by the proposed action. Where a significant impact is likely, the EIS must provide information on the proposed offset strategy, including discussion of the conservation benefit, how offsets will be secured, and timing of protection.	3.13, 6.5.3, 6.5.4
ABORIGINAL CULTURAL HERITAGE		
DPIE – Biodiversity & Conservation Division 5/09/2019	<ul style="list-style-type: none"> The EIS must identify and describe the Aboriginal cultural heritage values that exist across the whole area that will be affected by the project and document these in the EIS. 	6.6.5, SCSC Part 5
	<ul style="list-style-type: none"> Where Aboriginal cultural heritage values are identified, consultation with Aboriginal people must be undertaken and documented in accordance with the Aboriginal cultural heritage consultation requirements for proponents 2010 (DECCW). 	6.6.3.2, SCSC Part 5
	<ul style="list-style-type: none"> The significance of cultural heritage values for Aboriginal people who have a cultural association with the land must be documented in the EIS. 	6.6.5
	<ul style="list-style-type: none"> The EIS must demonstrate attempts to avoid impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the EIS must outline measures proposed to mitigate impacts. Any objects recorded as part of the assessment must be documented and notified to B & CD. 	6.6.6
	<ul style="list-style-type: none"> The assessment of cultural heritage values must include a surface survey undertaken by a qualified archaeologist in areas with potential for subsurface Aboriginal deposits. 	6.6.3.3
	<ul style="list-style-type: none"> The EIS must outline procedures to be followed if Aboriginal objects are found at any stage of the life of the [development/project] to formulate appropriate measures to manage unforeseen impacts. 	6.6.6
	<ul style="list-style-type: none"> The EIS must outline procedures to be followed in the event Aboriginal burials or skeletal material is uncovered during construction to formulate appropriate measures to manage the impacts to this material. 	6.6.6
DAWE – Department of Agriculture, Water and Environment 11/03/2021	<p>Indigenous Community Consultation</p> <p>The NSW assessment process includes a public consultation phase, in which any third parties can comment on the proposed action. Indigenous communities should also be consulted during the assessment process. The Department recommends that the EIS include:</p> <p>a) Identification of all the Aboriginal people that have been consulted on the proposal and the processes used to ensure they understand the proposal and potential impacts (and proposed actions to mitigate impacts on Indigenous heritage values).</p>	SCSC Part 5



Table A.2 (Cont'd)
Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
ABORIGINAL CULTURAL HERITAGE (Cont'd)		
DAWE – Department of Agriculture, Water and Environment 11/03/2021 (Cont'd)	b) Concerns raised by Aboriginal people identified during consultation about the Indigenous heritage values and how they have been addressed.	SCSC Part 5
	c) Detail of any MOUs/agreements/plans (including those with confidentiality arrangements) to manage the Indigenous heritage values over the development timeframe.	6.6.3.3
	d) Written confirmation from the appropriate Registered Aboriginal Parties, including the Illawarra Local Aboriginal Land Council, that confirms the above points and providing their support or otherwise for the works in relation to the protection of their heritage values and sites.	6.6.3.2
	e) Strategies to address the handling and reporting of unforeseen heritage discoveries during works, including Indigenous and non-Indigenous archaeology and unexpected human remains. Heritage monitors should be present on site for all relevant works, including representatives of the Traditional custodians and Aboriginal people with rights or interests in the area, if there is an identified likelihood that Indigenous and non-Indigenous archaeology and unexpected human remains are likely to be encountered.	6.6.6
HISTORIC HERITAGE		
Shellharbour City Council 26/09/2019	• Outline the proposed mitigation and management measures	6.7.7
	• Include a statement of heritage impact for all heritage items/conservation areas to be impacted (including significance assessment). This should include detailed mapping of all heritage items and how they are affected by the proposal.	6.7.8
	• Include details of any proposed mitigation and management measures (architectural and landscape).	6.7.7, SCSC Part 6
HAZARDS		
NSW Rural Fire Service 3/09/2019	• The aim and objectives of Planning for Bush Fire Protection 2006;	2.3.6.3
	• Identification of potential ignition sources during construction and operation of the development;	2.3.6.3
	• Proposed bush fire protection measures for the development, including vegetation management and fire suppression capabilities;	2.3.6.3
	• Operational access for fire fighting appliance to the site; and	2.3.6.3
	• Emergency and evacuation planning.	2.3.6.3
TRAFFIC AND TRANSPORT		
NSW Roads & Maritime Services 29/08/2019	Noting the comments above RMS believes the TIS should include, but not be limited to, details on:	
	• The annual production limit for the quarry;	3.6.2.4
	• Types of vehicles to be used, their size and their associated carrying capacity, etc;	3.6.4.2
	• Road transport routes to be used between the site and the Princes Highway inclusive of the period that the Albion Park Rail bypass construction works are being undertaken;	3.6.4.2 Figure 3.8



Table A.2 (Cont'd)

Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
TRAFFIC AND TRANSPORT (Cont'd)		
NSW Roads & Maritime Services 29/08/2019 (Cont'd)	<ul style="list-style-type: none"> Details on vehicle movements that are currently allowed under the existing approval (LEC Consent No. 10639 of 2005 – including the associated modifications) as well as details on any changes to these that are being proposed as part of this application. This should include details on predicted traffic generation (i.e. maximum daily, AM and PM peaks, etc) and provide details for both light and heavy vehicles; and 	3.6.4.2
	<ul style="list-style-type: none"> Implications to the road network including the identification of suitable mitigation measures and/or infrastructure required to ameliorate any traffic impacts and safety impacts associated with the development 	6.12
	Environmental Impacts <ul style="list-style-type: none"> Should any works be required as a result of the proposed development within the road reserve areas the environmental assessment for the project will need to consider their environmental impacts of these works. 	NA
	General Comments: <ul style="list-style-type: none"> Details on how the existing approvals for the quarry which are separate approvals to this application relate to the proposed application (e.g. LEC Consent No. 10639 of 2005 that allows an annual production limit of 900,000 tonnes per annum) and how these will be treated as part of the proposed works (i.e. will these approvals be surrendered should this application be approved); 	1.3.3
	<ul style="list-style-type: none"> A Drivers' Code of Conduct that includes, but is not limited to, details on the safe driving practices and how they will be maintained by drivers transporting products to and from the development site, etc; and 	6.12.3
Shellharbour City Council 26/9/2019	<ul style="list-style-type: none"> Transport connectivity and any transport impacts of the proposal and associated management measures 	6.12
	<ul style="list-style-type: none"> Aerodrome operations 	NA
	<ul style="list-style-type: none"> Impact to the local road network 	6.12
	<ul style="list-style-type: none"> The number, frequency and size of construction-related vehicles 	3.6.4.2
	<ul style="list-style-type: none"> The nature of existing traffic movements and future forecasts (including consideration of peak traffic times and operation hours) 	6.12
SOILS		
DPIE – Biodiversity & Conservation Division 5/09/2019	Must map the following features relevant to soils. <ul style="list-style-type: none"> Acid sulfate soils (Class 1, 2, 3 or 4 on the Acid Sulfate Soil Planning Map). 	6.8.2
VISIBILITY		
Shellharbour City Council 26/09/2019	<ul style="list-style-type: none"> Consideration of impacts on views and vistas, streetscapes. 	6.4.3



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Coverage of Issues Identified by Other Government Agencies for Consideration in the EIS

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Agency / Organisation	Summary or Paraphrased Relevant Requirement	Relevant EIS Section(s)
SOCIAL		
Shellharbour City Council 26/09/2019	<ul style="list-style-type: none">Social and economic impacts to the community and businesses in the vicinity of the proposal (including agricultural businesses), associated with traffic, access, property, public domain and amenity related changes,	6.13.4, 6.14.2, SCSC Part 9, SCSC Part 10
	<ul style="list-style-type: none">A draft Community Involvement Framework identifying relevant stakeholders, procedures for distributing information and receiving/responding to feedback and resolving community complaints.	6.14.3
LICENSING		
NSW EPA 3/09/2019	The proponent should identify whether the project can comply with EPL 299 or whether a variation to EPL 299 conditions is required.	3.1.3