

Appendix 5

Secretary's Requirements for Environmental Assessment



Mr Martin Hodgson
Hodgson Quarry Products Pty Ltd
PO Box 1778
GOSFORD NSW 2250

Dear Mr Hodgson

**Section 75W Modification – Secretary's Requirements
Roberts Road Quarry (DA 267-11-99 MOD 2)**

I have attached the Secretary's requirements for the preparation of an Environmental Assessment (EA) for the Roberts Road Quarry Section 75W Modification.

These requirements are based on the information you have provided to date, and have been prepared in consultation with the relevant government agencies. The agencies' comments are attached for your information (see Attachment 2).

Please note that the Department will review the EA for the modification carefully before putting it on public exhibition, and require you to submit an amended EA if it fails to adequately address these requirements.

Yours sincerely

David Kitto 29/5/14

David Kitto
Director, Mining Projects
as delegate for the Secretary

Secretary's Environmental Assessment Requirements

Section 75W of the *Environmental Planning and Assessment Act 1979*

Application Number	DA 267-11-99 MOD 2
Proposal	The modification includes: • continuing existing approved development on site for an additional 10 years (within existing disturbance areas); • modifying the approved sand extraction methods and sequence; • modifying the approved water supply dam ; and • progressively rehabilitating the site.
Location	Roberts Road, Maroota
Applicant	Hodgson Quarry Products Pty Ltd
Date of Issue	30 May 2014
General Requirements	The Environmental Assessment (EA) for the modification must include: • a full description of the development, including: – the resource to be extracted, demonstrating efficient resource recovery within environmental constraints; – the site layout and extraction plan; – processing activities; – a waste (overburden, leachate, etc.) management strategy, dealing with the EPA's requirements (see Attachment 2); – a water management strategy, dealing with the EPA's and DPIs' requirements (see Attachment 2); – a rehabilitation strategy, having regard to the key principles in the <i>Strategic Framework for Mine Closure</i>; and – the likely interactions between the development and any other existing, approved or proposed extractive industry development in the vicinity of the site; • a list of any approvals that must be obtained before the development may commence; • an assessment of the likely impacts of the development on the environment, focussing on the specific issues identified below, including: – a description of the existing environment likely to be affected by the development, <u>using sufficient baseline data</u>; – 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 mitigate and/or offset the likely impacts of the development, and an assessment of: - o whether these measures are consistent with industry best practice, and represent the full range of reasonable and feasible mitigation measures that could be implemented; - o the likely effectiveness of these measures; and - o whether contingency plans would be necessary to manage any residual risks; – a description of the measures that would be implemented to monitor and report on the environmental performance of the development if it is approved; • a consolidated summary of all the proposed environmental management and monitoring measures, identifying all the commitments in the EA;

	• consideration of the development against all relevant environmental planning instruments; and • the reasons why the development should be approved having regard to biophysical, economic and social considerations, including the principles of ecologically sustainable development. 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.
Key Issues	The EA must address the following specific matters: • Air – including an assessment of the likely air quality impacts of the development in accordance with the <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> and the EPA's additional requirements (see Attachment 2); • Noise – including: - an assessment of the likely operational noise impacts of the development (including construction noise) in accordance with the <i>NSW Industrial Noise Policy</i> and the EPA's additional requirements (see Attachment 2), and paying particular attention to cumulative noise impacts and the obligations in chapters 8 and 9 of the policy; - if a claim is made for specific construction noise criteria for certain activities, then this claim must be justified and accompanied by an assessment of the likely construction noise impacts of these activities under the <i>Interim Construction Noise Guideline</i>; and - an assessment of the likely road noise impacts of the development under the <i>NSW Road Noise Policy</i>; • Water – including: - an assessment of the likely impacts of the development on the quantity and quality of the region's surface and groundwater resources, having regard to the EPA's and DPI's requirements (see Attachment 2); and - an assessment of the likely impacts of the development on aquifers, watercourses, riparian land, water-related infrastructure, and other water users; • Land – including an assessment of 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>, and having regard to the Department of Primary Industries' requirements (see Attachment 2); • Traffic – including an assessment of the likely traffic impacts of the development on the capacity, condition, safety and efficiency of the local and State road network, having regard to the RMS's requirements (see Attachment 2); • Biodiversity – ongoing management of approved impacts on biodiversity; • Heritage – ongoing management of approved impacts on Aboriginal and historic heritage (cultural and archaeological); • Visual – including: - ongoing management of approved visual impacts; and - an assessment of any additional visual impacts of the development on private landowners in the vicinity of the development and key vantage points in the public domain; and • Social & Economic – including: - an assessment of the likely social impacts of the development (including any perceived impacts); and - an assessment of the likely economic impacts of the development, paying particular attention to: - o the significance of the resource; - o economic benefits of the project for the State and region; and - o the demand for the provision of local infrastructure and services.

Consultation	During the preparation of the EA, you must consult with relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners. The EA must describe the consultation that was carried out, identify the issues raised during this consultation, and explain how these issues have been addressed in the EA.
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ATTACHMENT 1

Environmental Planning Instruments, Policies, Guidelines & Plans

Air	
	Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (EPA)
	Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (EPA)
Noise	
	NSW Industrial Noise Policy (EPA)
	NSW Road Noise Policy (EPA)
	Interim Construction Noise Guideline (EPA)
Water	
Water Sharing Plans	Greater Metropolitan Region Groundwater Source 2011
	Greater Metropolitan Region Unregulated River Water Sources 2011
Groundwater	NSW State Groundwater Policy Framework Document (NOW)
	NSW State Groundwater Quality Protection Policy (NOW)
	NSW State Groundwater Quantity Management Policy (NOW)
	NSW Aquifer Interference Policy 2012 (NOW)
	Australian Groundwater Modelling Guidelines 2012 (Commonwealth)
	National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC)
	Guidelines for the Assessment & Management of Groundwater Contamination (EPA)
Surface Water	NSW Government Water Quality and River Flow Objectives (EPA)
	Using the ANZECC Guideline and Water Quality Objectives in NSW (EPA)
	National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Guidelines for Sewerage Systems – Effluent Management (ARMCANZ/ANZECC)
	National Water Quality Management Strategy: Guidelines for Sewerage Systems – Use of Reclaimed Water (ARMCANZ/ANZECC)
	Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (EPA)
	Managing Urban Stormwater: Soils & Construction (Landcom) and associated Volume 2E: Mines and Quarries (EPA)
	Managing Urban Stormwater: Treatment Techniques (EPA)
	Managing Urban Stormwater: Source Control (EPA)
	Technical Guidelines: Bunding & Spill Management (EPA)
	Environmental Guidelines: Use of Effluent by Irrigation (EPA)
	A Rehabilitation Manual for Australian Streams (LWRRDC and CRCCH)
	NSW Guidelines for Controlled Activities (NOW)
Traffic	
	Guide to Traffic Generating Development (RMS)
	Road Design Guide (RMS) & relevant Austroads Standards
Waste	
	Waste Classification Guidelines (EPA)
Rehabilitation	
	Mine Rehabilitation – Leading Practice Sustainable Development Program for the Mining Industry (Commonwealth)
	Mine Closure and Completion – Leading Practice Sustainable Development Program for the Mining Industry (Commonwealth)

	Strategic Framework for Mine Closure (ANZMEC-MCA)
Environmental Planning Instruments - General	
	State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007
	State Environmental Planning Policy (State and Regional Development) 2011
	State Environmental Planning Policy (Infrastructure) 2007
	The Hills Local Environment Plan (2012)
	Sydney Regional Environmental Plan No 9 – Extractive Industry
	Sydney Regional Environmental Plan No 20 – Hawkesbury-Nepean River
Development Control Plans	
	The Hills Development Control Plan (2012) Part B Section 1 – Rural
	The Hills Section 94A Contributions Plan (2013)

ATTACHMENT 2

Agency Correspondence