Project Approval

Section 75J of the Environmental Planning and Assessment Act 1979

I, the Minister for Planning, approve the project referred to in Schedule 1, subject to the conditions in Schedule 2.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the project.

Tamp Kelly

The Hon Tony Kelly MLC Minister for Planning

Sydney	17 DEC 2009 2009	File No: 09/00606		
SCHEDULE 1				
Application No:	09_0073			
Proponent:	NSW Roads and Traffic Aut	hority		
Approval Authority:	Minister for Planning	1		
Land:	between Franklins Road a	ity of the existing Pacific Highway and Eight Mile Lane at Glenugie, afton, in the Clarence Valley local		
Project:	kilometre four lane divided	peration of an approximately 7 carriageway upgrade of the Pacific referred to as the Pacific Highway to Iluka Road - Glenugie Upgrade		
Major Project:	75B(1)(b) of the Environme	d a major project under section ental Planning and Assessment Act r made by the Minister for Planning per 2006.		
Critical Infrastructure:	section 75C of the Enviro	to be critical infrastructure under <i>nmental Planning and Assessment</i> n order made by the Minister for 5 December 2006.		

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SCHEDULE 2

Act, the	Environmental Planning and Assessment Act 1979	
Ancillary Facility	Temporary facility for construction, including for example an office and amenities compound, construction compound, batch plant (concrete or bitumen), materials storage compound, maintenance workshop, testing laboratory or material stockpile areas.	
Conditions of Approval	The Minister's conditions of approval for the project.	
Construction	Includes all work in respect of the project other than survey; acquisitions; fencing; investigative drilling or excavation; building/road dilapidation surveys; minor clearing (except where heritage, threatened species, populations or ecological communities would be affected; establishing ancillary facilities in locations meeting the criteria stated in these Conditions; or other activities determined by the Environmental Representative to have minimal environmental impact (e.g. minor access roads and adjustments to services / utilities, etc.).	
Council	Clarence Valley Council	
DECCW	NSW Department of Environment, Climate Change and Water	
Department, the	NSW Department of Planning	
DEWHA	Commonwealth Department of the Environment, Water, Heritage and the Arts	
Director General, the	Director General of the NSW Department of Planning (or delegate)	
Director General's Approval	A written approval from the Director General (or delegate). Where the Director General's approval is required under a condition, the Director General will endeavour to provide a response within one month of receiving an approval request. The Director General may ask for additional information if the approval request is considered incomplete. When further information is requested the time taken for the Proponent to respond in writing will be added to the one month period.	
EPL.	Environmental Protection Licence	
Feasible and Reasonable	Consideration of best practice taking into account the benefit or proposed measures and their technological and associated operational application in the NSW and Australian context. Feasible relates to engineering considerations and what is practical to build Reasonable relates to the application of judgement in arriving at a decision, taking into account mitigation benefits and cost of mitigation versus benefits provided, community views and nature and extent of potential improvements.	
I&I NSW	Industry and Investment NSW (includes divisions such as Agriculture Forestry, Fisheries and Minerals).	
Minister, the	Minister for Planning	
NOW	NSW Office of Water	
Operation	Means the operation of the project, but does not include commissioning trials of equipment or temporary use of parts of the project during construction.	
Project	The project that is the subject of Major Project Application 09_0073.	

Proponent	NSW Roads and Traffic Authority	
Publicly Available	Available for inspection in hard copy and/or electronic format by a member of the general public (for example available on the project website as well as at a local display site).	
Relevant Aboriginal Stakeholders	The Local Aboriginal Land Council and registered Aboriginal stakeholders.	
Sensitive Receiver	Residence, education institution (e.g. school, TAFE college), health care facility (e.g. nursing home, hospital) and religious facility (e.g. church).	

1. ADMINISTRATIVE CONDITIONS

Terms of Approval

- 1.1 The Proponent shall carry out the project generally in accordance with:
 - a) Major Projects Application 09_0073;
 - b) Upgrading the Pacific Highway Wells Crossing to Iluka Road Glenugie Upgrade Environmental Assessment (Volumes 1 and 2), prepared by the RTA and dated August 2009:
 - c) Upgrading the Pacific Highway Wells Crossing to Iluka Road Glenugie Upgrade Environmental Assessment Submissions Report, prepared by the RTA and dated October 2009, including the revised Statement of Commitments contained therein; and
 - d) the conditions of this approval.
- 1.2 In the event of an inconsistency between:
 - a) the conditions of this approval and any document listed from condition 1.1a) to 1.1c) inclusive, the conditions of this approval shall prevail to the extent of the inconsistency; and
 - b) any document listed from condition 1.1a) to 1.1c) inclusive, and any other document listed from condition 1.1a) to 1.1c) inclusive, the most recent document shall prevail to the extent of the inconsistency.
- 1.3 The Proponent shall comply with any reasonable requirement(s) of the Director General arising from the Department's assessment of:
 - a) any reports, plans or correspondence that are submitted in accordance with this approval; and
 - b) the implementation of any actions or measures contained in these reports, plans or correspondence.

Staging

- 1.4 The Proponent may elect to construct and/or operate the project in stages provided construction/ operation is consistent with the conditions of this approval. Where stages are proposed, the Proponent shall submit a Staging Report to the Director General prior to the commencement of the relevant construction or operation activities which:
 - a) describes the stages; and
 - b) identifies the relevant conditions of approval for each stage and how these will be addressed across and between the stages of the project.

Limits of Approval

1.5 This approval shall lapse ten years after the date on which it is granted, unless works the subject of any related project approval are physically commenced on or before that date.

2. SPECIFIC ENVIRONMENTAL CONDITIONS

Ecological Impacts

- 2.1 The Proponent shall not clear the vegetation in the road reserve for the:
 - a) northbound carriageway between Stations 3000 and 6400 prior to the commencement of construction of the northbound carriageway between Stations 3000 and 6400.
 - b) connection with the future Wells Crossing to Iluka Road project between Stations 9800 and 10100 prior to the commencement of construction of the corresponding section of the Wells Crossing to Iluka Road project.

This condition does not prevent the clearing of vegetation for the construction of ancillary construction facilities (where approved under condition 2.19), culverts/ fauna crossings and the stormwater, drainage and water management systems for the project.

Threatened Flora Species

- 2.2 Prior to the commencement of construction the Proponent shall develop and implement a strategy for the minimisation of impacts to the *Melaleuca irbyana* species. The strategy shall be developed in consultation with DECCW, to the satisfaction of the Director General, and include:
 - a) consideration of options for avoiding direct impacts to known individuals during detailed design of the project, including in relation to ancillary infrastructure and works;
 - b) translocation of affected individuals in consultation with DECCW, where feasible, including identification and assessment of recipient sites, monitoring and maintenance requirements after translocation, and any reporting/ recording of the translocation process; and
 - c) measures to avoid indirect impacts to known individuals in proximity to construction areas, including demarcation of construction zones and staff/ contractor education.

Implementation of the Package shall commence prior to the disturbance of any *Melaleuca irbyana* individual, unless otherwise agreed by the Director General.

- 2.3 Prior to the commencement of construction the Proponent shall develop a **Square-fruited Ironbark Offset Package** in consultation with DECCW and DEWHA, to the satisfaction of the Director General. The Package shall include one or more of the following compensatory measures:
 - a) land offsets intended for the conservation of existing *Eucalyptus tetrapleura* individuals or translocation of individuals affected by the project; and/ or
 - b) funding contributions towards the development and implementation of recovery plans for *Eucalyptus tetrapleura*; and/ or
 - c) funding contributions towards the development and implementation of research programs into *Eucalyptus tetrapleura*; and/ or
 - d) any other form of offset measure agreed by DEWHA.

Implementation of the Package shall commence prior to the disturbance of any *Eucalyptus tetrapleura* individual, unless otherwise agreed by the Director General.

Fauna Roosting and Habitat Measures

2.4 Prior to the commencement of vegetation clearing, the Proponent shall employ a suitablyqualified ecologist to undertake surveys for tree hollows within vegetation to be cleared as part of the project. Should any such hollows be located during the survey(s), the timing and number of nest boxes to be installed in an appropriate adjacent area as an alternative roosting site shall be determined by the Proponent in consultation with the DECCW and I&INSW and to the satisfaction of the Director General.

Water Quality and Hydrological Impacts

- 2.5 The Proponent shall apply all appropriate measures to prevent soil erosion and the discharge of sediments and pollutants from the project during construction and operation consistent with *Managing Urban Stormwater* Soils and Construction Vols 1 and 2, 4th Edition (Landcom, 2004) and *Managing Urban Stormwater Soils And Construction Vol 2d Main Road Construction* (DECC 2008).
- 2.6 Where available and of appropriate chemical and biological quality, the Proponent shall use stormwater, recycled water or other water sources in preference to potable water for construction activities, including concrete mixing and dust control.
- 2.7 Prior to the commencement of construction of the project, or relevant parts of the project, the Proponent shall undertake detailed design of the construction and permanent stormwater, drainage and water management systems for the project in consultation with Council, DECCW and I&INSW, to the satisfaction of the Director General. The detailed design of this infrastructure shall be developed to:

- take into account relevant Council stormwater management policies and integration a) with existing Council drainage infrastructure where relevant;
- include measures to minimise changes to afflux and flooding behaviour as a result of b) the project; and
- ensure structural integrity of the drainage network is maintained. c)

Traffic and Access

Where approved access to a property is affected by either construction or operation of the 2.8 project, unless otherwise agreed with the landowner, the Proponent shall provide an alternative access of a standard that is at least equivalent to that currently existing and meets relevant road safety standards prior to commencement of construction or opening of the project to traffic, whichever is relevant. Details for provision of altered access for both construction and operation shall be determined in consultation with the landholder.

Noise Impacts

Construction Restrictions

- Construction activities associated with the project shall only be undertaken during the 2.9 following hours:
 - 7:00 am to 6:00 pm, Mondays to Fridays, inclusive; a)
 - 8:00 am to 1:00 pm on Saturdays; and b)
 - at no time on Sundays or public holidays. c)

This condition does not apply to:

- any works that do not cause construction noise to be audible at any sensitive receiver; i) or
- for delivery of materials required outside these hours by the police or other authorities ii) for safety reasons; or
- where it is required in an emergency to avoid the loss of lives, property and/or to iii) prevent environmental harm.
- 2.10 Notwithstanding condition 2.9, certain construction activities may be allowed to occur outside the hours specified under that condition with the prior written approval of the Director General. Requests for out of hours approval will be considered for construction activities that cannot be undertaken during standard construction hours for technical or other justifiable reasons and will be considered on a case-by-case or activity-specific basis. Any request for out of hours works shall be accompanied by:
 - details of the nature and need for activities to be conducted outside standard a) construction hours;
 - written evidence to the DECCW and the Director General that activities undertaken b) outside standard construction hours are justified, appropriate consultation with potentially affected receivers and notification of the relevant Council has been undertaken, issues raised have been addressed, and all feasible and reasonable mitigation measures have been put in place; and
 - evidence of consultation with the DECCW on the proposed work outside standard C) construction hours.

For the purpose of this condition, the Director General may grant approval for out-of-hours construction works on a case-by-case or activity-specific basis that is consistent with and has been identified in the Construction Noise and Vibration Management Plan required under condition 6.2(d)(iv) of this approval.

- 2.11 Blasting associated with the project shall only be undertaken during the following hours:
 - 9:00 am to 5:00 pm, Mondays to Fridays, inclusive; a)
 - 9:00 am to 1:00 pm on Saturdays; and b)
 - at no time on Sundays or public holidays. C)

This condition does not apply in the event of a direction from police or other relevant authority for safety or emergency reasons to avoid loss of life, property loss and/or to prevent environmental harm.

Construction Limits

- 2.12 The Proponent shall implement all reasonable and feasible noise mitigation measures with the aim of achieving the construction noise management levels detailed in the *Interim Construction Noise Guideline* (DECC, 2009). Any activities that could exceed the construction noise management levels shall be identified and managed in accordance with the Construction Noise and Vibration Management Plan required under condition 6.2(d)(iv) of this approval.
- 2.13 The Proponent shall ensure that airblast overpressure generated by blasting associated with the project does not exceed the criteria specified in Table 1 when measured at the most affected residence or other sensitive receiver.

Table 1 - Airblast Overpressure Criteria

Airblast Overpressure (dB(Lin Peak))	Allowable Exceedance
115	5% of total number of blasts over a 12 month period
120	Never

2.14 The Proponent shall ensure that ground vibration generated by blasting associated with the project does not exceed the criteria specified in Table 2 when measured at the most affected residence or other sensitive receiver.

Table 2 – Peak Particle Velocity Criteria

Peak Particle Velocity Allowable Exceedance (mms ⁻¹)	
5	5% of total number of blasts over a 12 month period
10	Never

Operational Noise

2.15 Unless otherwise agreed to by the Director General, the Proponent shall submit for the approval of the Director General a review of proposed operational noise mitigation measures identified in the documents listed under condition 1.1 within six months of commencing construction. The review shall take into account the detailed design of the project and, where feasible and reasonable, and where necessary, refine the proposed measures with the objective of meeting the criteria outlined in the *Environmental Criteria for Road Traffic Noise* (NSW EPA, 1999). The review shall be undertaken in consultation with the DECCW.

Air Quality Impacts

- 2.16 The Proponent shall construct the project in a manner that minimises or prevents the emission of dust including wind blown and traffic generated dust, including but not limited to:
 - a) implementing practical measures for construction vehicles carrying loads; and
 - b) minimising tracking of material from construction sites onto public roads.

Heritage Impacts

- 2.17 This approval does not allow the Proponent to destroy, modify or otherwise physically affect human remains.
- 2.18 Prior to the commencement of construction work in proximity to the 1915 North Coast Railway branch line/ tramway alignment, the Proponent shall complete all archival recordings, including photographic recording of the item. Within six months of completing the archival recording, the Proponent shall submit a report containing the archival recordings to the Heritage Council of NSW, the local Council and the local Historic Society.

Forestry Impacts

2.19 In designing the project where it traverses Glenugie State Forest, the Proponent shall:

- a) consult with the I&INSW (Forestry division);
- b) consider the use of the timber resource use for harvestable timber; and
- c) maintain or provide alternative access of a standard that is at least equivalent to that currently existing and meets relevant road safety standards to enable continued forestry operations, fire management and recreation during both construction and operation.

Ancillary Construction Facilities

- 2.20 Unless otherwise approved by the Director General, the sites for ancillary facilities associated with the construction of the project shall:
 - a) be located more than 100 metres from a waterway;
 - b) have ready access to the road network;
 - be located in areas of low ecological and heritage conservation significance (including identified Aboriginal cultural value), and will not require any significant clearing of native vegetation beyond that already required by the project;
 - d) be located on relatively level land;
 - e) be separated from the nearest residences by at least 200 metres (or at least 250 metres for a temporary batching plant and stockpiling sites);
 - f) be above the 20 ARI flood level unless a contingency plan to manage flooding is prepared and implemented;
 - g) not unreasonably affect the land use of adjacent properties;
 - h) provide sufficient area for the storage of raw materials to minimise, to the greatest extent practical, the number of deliveries required outside standard construction hours; and
 - i) not impact on heritage sites beyond those already impacted by the project.

Ancillary sites identified within the documents listed under condition 1.1 of this approval that do not meet the above criteria should be assessed against this criteria and demonstrate how they will manage and mitigate any environmental impacts to the satisfaction of the Director General.

The location of ancillary facilities shall be identified within the relevant Construction Environmental Management Plan.

3. ENVIRONMENTAL MONITORING AND AUDITING

Noise Auditing

- 3.1 No later than one year after commencement of operation of the project, or as otherwise agreed by the Director General, the Proponent shall undertake operational noise monitoring to compare actual noise performance of the project against noise performance predicted in the review of noise mitigation measures required by condition 2.15 and prepare an Operational Noise Report. The Report shall include, but not necessarily be limited to:
 - a) noise monitoring to assess compliance with the operational noise levels predicted in the review of operational noise mitigation measures required under condition 2.15 and documents specified under condition 1.1 of this approval;
 - b) a review of the operational noise levels in terms of criteria and noise goals established in the *Environmental Criteria for Road Traffic Noise* (EPA, 1999);
 - c) methodology, location and frequency of noise monitoring undertaken, including monitoring sites at which project noise levels are ascertained, with specific reference to locations indicative of impacts on sensitive receivers;
 - d) details of any complaints and enquiries received in relation to operational noise generated by the project between the date of commencement of operation and the date the report was prepared;
 - e) any required recalibrations of the noise model taking into consideration factors such as noise monitoring undertaken and actual traffic numbers and proportions; and

- f) an assessment of the performance and effectiveness of applied noise mitigation measures together with a review and if necessary, reassessment of all reasonable and feasible mitigation measures; and
- g) any additional feasible and reasonable measures to those identified in the review of noise mitigation measures required by condition 2.15, that would be implemented with the objective of meeting the criteria outlined in the *Environmental Criteria for Road Traffic Noise* (NSW EPA, 1999), when these measures would be implemented and how their effectiveness would be measured and reported to the Director General and the DECCW.

The Proponent shall provide the Director General and the DECCW with a copy of the Operational Noise Report within 60 days of completing the operational noise monitoring referred to a) above, or as otherwise agreed by the Director General.

4. COMPLIANCE MONITORING AND TRACKING

Compliance Tracking Program

- 4.1 The Proponent shall develop and implement a program to track compliance with the requirements of this approval. The Program shall be submitted to the Director General for approval prior to the commencement of construction. The Program shall relate to both construction and operational stages of the project, and shall include, but not necessarily limited to:
 - a) provisions for periodic review of project compliance with the requirements of this approval, Statements of Commitment and documents referred to in Condition 1.1 of this approval) and reporting of compliance status to the Director General;
 - b) provisions for the notification of the Director General prior to the commencement of construction and prior to the commencement of operation of the project;
 - c) a program for independent environmental auditing in accordance with ISO 19011:2003 - Guidelines for Quality and/ or Environmental Management Systems Auditing;
 - d) mechanisms for reporting and recording incidents and actions taken in response to those incidents;
 - e) provisions for reporting environmental incidents to the Director General during construction and operation; and
 - f) procedures for rectifying any non-compliance with the documents referred to in Condition 1.1 identified during environmental auditing or review of compliance.

5. COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT Access to Information

- 5.1 Subject to confidentiality, the Proponent shall make all documents required under this approval available for public inspection on request.
- 5.2 Prior to the commencement of construction, the Proponent shall establish and maintain a new website, or dedicated pages within an existing website, for the provision of electronic information associated with the project. The Proponent shall, subject to confidentiality, publish and maintain up-to-date information on the website or dedicated pages including, but-not necessarily limited to:
 - a) a copy of the documents referred to under Condition 1.1 of this approval, and any documentation supporting modifications to this approval that may be granted from time to time;
 - b) a copy of this project approval;
 - c) a copy of each relevant environmental approval, licence or permit required and obtained in relation to the project;
 - d) a copy of each current strategy, plan, program or other document required under this approval; and
 - e) the outcomes of compliance tracking in accordance with the requirements of Condition 4.1.

Complaints and Enquiries Procedure

- 5.3 Prior to the commencement of construction, the Proponent shall ensure that the following are available for community complaints and enquiries during the construction period:
 - a) a telephone number on which complaints and enquiries about construction and operation activities may be registered;
 - b) a postal address to which written complaints and enquiries may be sent; and
 - c) an email address to which electronic complaints and enquiries may be transmitted.

The telephone number, the postal address and the email address shall be published in a newspaper circulating in the local area prior to the commencement of construction and prior to the commencement of project operation. The above details shall also be provided on the website (or dedicated pages) required by this approval.

The Proponent must prepare and implement a Construction Complaints Management System consistent with AS 4269 Complaints Handling prior to the commencement of construction activities and must maintain the System for the duration of construction activities.

Information on all complaints received, including the means by which they were addressed and whether resolution was reached and whether mediation was required or used, must be maintained by the Proponent and included in a complaints register. The information contained within the System must be made available to the Director General on request.

Community Consultation

- 5.4 The Proponent shall prepare and implement a Community Communication Strategy for the project. This Strategy shall be designed to provide mechanisms to facilitate communication between the Proponent, the Contractor, the Environmental Representative, Council and local community (broader and local stakeholders) on the detailed design, progress and the related environmental management of the project. The Strategy shall include, but not necessarily be limited to:
 - a) identification of stakeholders to be consulted as part of the Strategy, including affected and adjoining landowners;
 - b) procedures and mechanisms for the regular distribution of information to stakeholders on the progress of the project, detailed design and matters associated with environmental management;
 - c) procedures and mechanisms through which stakeholders can discuss or provide feedback to the Proponent and/or Environmental Representative in relation to the environmental management, detailed design and delivery of the project;
 - d) the formation of community-based forums (focus groups) that focus on key design and environmental management issues for the project. The Strategy shall provide detail on the structure, scope, objectives and frequency of the community-based forums;
 - e) procedures and mechanisms through which the Proponent can respond to any enquires or feedback from stakeholders in relation to the environmental management, detailed design and delivery of the project; and
 - f) procedures and mechanisms that would be implemented to resolve any issues/disputes that may arise between parties on the matters relating to environmental management and the delivery of the project. This may include the use of an appropriately qualified and experienced independent mediator.

The Proponent shall maintain and implement the Strategy throughout construction of the project. The Strategy shall be approved by the Director General prior to the commencement of any construction associated with the project.

6. ENVIRONMENTAL MANAGEMENT

Environment Representative

6.1 Prior to the commencement of construction of the project, or as otherwise agreed by the Director General, the Proponent shall nominate for the approval of the Director General a

suitably qualified and experienced Environment Representative(s) that is independent of the design and construction personnel. The Proponent shall employ the Environmental Representative(s) for the duration of construction, or as otherwise agreed by the Director General. The Environment Representative(s) shall:

- a) be the principal point of advice in relation to the environmental performance of the project;
- b) be consulted in responding to the community concerning the environmental performance of the project;
- c) monitor the implementation of all environmental management plans and monitoring programs required under this approval;
- d) monitor the outcome of all environmental management plans and advise the Proponent upon the achievement of all project environmental outcomes;
- e) have responsibility for considering and advising the Proponent on matters specified in the conditions of this approval, and all other licences and approvals related to the environmental performance and impacts of the project;
- f) ensure that environmental auditing is undertaken in accordance with the requirements
 Condition 4.1 and the project Environmental Management System(s); and
- g) be given the authority and independence to require reasonable steps be taken to avoid or minimise unintended or adverse environmental impacts, and failing the effectiveness of such steps, to direct that relevant actions be ceased immediately should an adverse impact on the environment be likely to occur.

Construction Environment Management Plan

- 6.2 Prior to the commencement of construction, the Proponent shall prepare and implement a Construction Environment Management Plan for the project. The Plan shall:
 - a) outline the environmental management practices and procedures that are to be followed during construction;
 - b) be prepared in consultation with the Department, DECCW and relevant public authorities;
 - c) be consistent with the Framework CEMP in Appendix G of the Environmental Assessment and *Guideline for the Preparation of Environmental Management Plans* (DIPNR, 2004); and
 - d) include a:
 - i) Construction Traffic Management Plan;
 - ii) Construction Flora and Fauna Management Plan;
 - iii) Construction Heritage Management Plan; and
 - iv) Construction Noise and Vibration Management Plan.

A copy of the draft plan shall be made available to the Department, DECCW and relevant public authorities for comment for a period of not less than 14 days.

The final Plan shall take into account the issues raised by the public authorities and shall be submitted to the Department prior to the commencement of construction.

Operational Environmental Management

6.3 Prior to the commencement of operation, the Proponent shall incorporate the project into its existing environmental management systems.