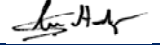
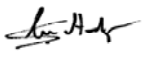


North West Rail Link Stage 1a Pre-Construction Compliance Report



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1 Introduction

1.1 Purpose of this Pre-Construction Compliance Report

This document describes the compliance status of the North West Rail Link (NWRL) prior to the commencement of construction for Stage 1a. Compliance status is assessed against those Ministers Conditions of Approval (Infrastructure Approval SSI-5100 as modified) which are determined by the NWRL project team to be applicable to Stage 1a.

1.2 Relationship to the Staging Report

The Staging Report was approved by the Department of Planning and Infrastructure (DP&I) in January 2013. This report specifies which conditions of approval are relevant to Stage 1a and to what degree compliance will be achieved.

1.3 Stage 1a – Early Works

In order to enable the commencement of major civil construction works it was identified that there is a benefit in undertaking a package of early works. These works typically have a long lead time for design approvals, procurement, construction and commissioning and could delay commencement of the major civil construction works if not undertaken prior to mobilisation of the major contractors.

Early works will be broken up into a variety of distinct activities:

- Demolition
- Road and traffic modifications
- ECRL stub interface works
- High voltage power supplies for tunnelling works (conducted under a Part 5 assessment approved by Endeavour Energy).
- Precinct preparations
- Geotechnical site investigation

TfNSW has engaged Boulderstone Pty Ltd as the Early Works Managing Contractor (EWMC) to undertake the majority of these works. The Early Works include activities that are typically short term in duration, occur in only small geographical areas and in several instances have limited impact on the environment and surrounding community. Accordingly it is not essential that the Early Works comply fully with the Conditions of Approval.

For the purposes of this Pre-Construction Compliance Report, construction is deemed to commence after the date on which the NWRL referral under the Environmental Protection and Biodiversity Conservation Act 1999 is approved and DP&I have approved the submitted project plans by the MCoA. TfNSW received approval from SEWPAC on 12 April 2013 for its commonwealth referral, and on 22 May 2013 DP&I gave approval to the submitted project Plans. As such, 22 May 2013 has been set as the construction commencement date.

2 Compliance Overview

The following 27 conditions require compliance activity to occur prior to construction commencing: B7; B9; B10; B11; C1; C8, C11; C23; C24; C28; D1; D2; D3; D4; D5; E5; E6; E9; E10; E26; E29; E32; E38; E42; E44; E45; and E46.

2.1 Compliance Status

Two types of status are used in this report to show the compliance status of pre-construction conditions of approval:

- **Pending** – Conditions which require ongoing or pending actions to achieve a compliant status
- **Compliant** – Conditions which have been successfully discharged

2.2 Conditional Construction Activities

Conditions C24; E9; E10; E26; and E42 remain **Pending**. Each of these conditions requires ongoing activities prior to achieving **Compliant** status. Certain activities are precluded by these conditions:

- Construction affecting roads, footpaths, services and utilities without dilapidation surveys or reports;
- Construction activities that will impact upon historical or indigenous heritage prior to the affected heritage items or sites being salvaged by the archaeological salvage program;
- Construction that may impact on surrounding properties at risk from damage prior to completing the requirements outlined in E26 (a-e); and
- Establishment of ancillary facilities prior to the assessment of any location against criteria in E42, or to the satisfaction of the Director General.

2.3 Summary

Appendix A provides a detailed breakdown on the status of each Pre-Construction Compliance Condition and Table 1 gives an overview of the compliance status of each.

Table 1 Compliance summary data

Compliance Status		
Number of Pre-Construction Compliance Conditions	27	
Current Status	Number	Percentage
Conditions in Compliance	22	81.5%
Pending Conditions	5	18.5%

Stage 1a Pre-Construction Compliance Report

			Stage 1a							
ED	Ref	Undertaking	Timeframe for Implementation	Target Date for Submission	Date Submitted	Approval Required by	Approval Received	Compliance Status	Evidence and References	Notes
SCHEDULE B - ADMINISTRATION CONDITIONS										
Terms of Approval										
Statutory Requirements										
IA1	B7	The Proponent shall ensure that all licences, permits and approvals are obtained as required by law and maintained as required throughout the life of the SSI. No condition of this approval removes the obligation for the Proponent to obtain, renew or comply with such licences, permits or approvals.	Throughout Stage 1a	Feb-13	Feb-13	Mar-13	Mar-13	Compliant	Baulderstone Environmental Protection Licence (#20198), Road Occupancy Licences (ROL), Works Authorisation Deed (WAD), and Asbestos removal permits.	Baulderstone Environmental Protection Licence was issued on the 8th March 2013. Maintaining approvals will be an ongoing process.
Staging										
IA1	B9	The Proponent may elect to construct and/ or operate the SSI in stages. Where staging is proposed, the Proponent shall submit a Staging Report to the Director General prior to the commencement of the first proposed stage. The Staging Report shall provide details of: (a) how the SSI would be staged, including general details of work activities associated with each stage and the general timing of when each stage would commence; and (b) details of the relevant conditions of approval, which would apply to each stage and how these shall be complied with across and between the stages of the SSI. Where staging of the SSI is proposed, these conditions of approval are only required to be complied with at the relevant time and to the extent that they are relevant to the specific stage(s). The Proponent shall ensure that an updated Staging Report (or advice that no changes to staging are proposed) is submitted to the Director General prior to the commencement of each stage, identifying any changes to the proposed staging or applicable conditions.	Prior to Commencing Construction for Stage 1a	Nov-12	Nov-12	Feb-13	Jan-13	Compliant	NWRL Staging Report v1.2 accepted by DP&I on the 09/01/2013	Acceptance was given via email correspondence on the 09/01/2013 from Diane Sarkies
IA1	B10	The Proponent shall ensure that all plans, sub-plans and other management documents required by the conditions of this approval and relevant to each stage (as identified in the Staging Report) are submitted to the Director General no later than one month prior to the commencement of the relevant stages, unless otherwise agreed by the Director General. Note: These conditions do not relate to staged infrastructure within the meaning of section 115ZD of the EP&A Act.	Prior to Commencing Construction for Stage 1a	Feb-13	Feb-13	NA	NA	Compliant	Baulderstone CEMP and sub plans initially submitted on 18/02/2013 to DP&I and approved on 22 May 2013	
IA1	B11	With the approval of the Director General, the Applicant may: (a) submit any strategy, plan, program (or the like) required by this approval on a progressive basis; and (b) combine any strategy, plan, program (or the like) required by this approval. Notes: • While any strategy, plan or program may be submitted on a progressive basis, the Applicant will need to ensure that the existing operations on site are covered by suitable strategies, plans or programs at all times; and • If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program.	Prior to Commencing Construction for Stage 1a	Feb-13	Feb-13	NA	NA	Compliant	NWRL Staging Report v1.2 accepted by DP&I on the 09/01/2013 and North West Rail Link Compliance Tracking Program	
Schedule C - ENVIRONMENT PERFORMANCE										
Ecological Monitoring										

			Stage 1a							
ED	Ref	Undertaking	Timeframe for Implementation	Target Date for Submission	Date Submitted	Approval Required by	Approval Received	Compliance Status	Evidence and References	Notes
IA1	C1	<p>An Ecological Monitoring Program shall be developed to monitor the effectiveness of the biodiversity mitigation measures implemented as part of construction of the SSI. The Program shall be developed by a suitably qualified and experienced ecologist in consultation with OEH and relevant Councils and shall include, but not necessarily be limited to:</p> <p>(a) an adaptive monitoring program to assess the effectiveness of the mitigation measures. The monitoring program shall nominate performance parameters and criteria against which effectiveness of the mitigation measures will be measured;</p> <p>(b) mechanisms for developing additional monitoring protocols to assess the effectiveness of any additional mitigation measures implemented to address additional impacts in the case of design amendments or unexpected threatened species finds during construction (where these additional impacts are generally consistent with the biodiversity impacts identified for the SSI);</p> <p>(c) provision for the assessment of the data to identify changes to habitat usage and whether this can be directly attributed to construction of the SSI;</p> <p>(d) details of contingency measures that would be implemented in the event of changes to habitat usage patterns directly attributable to the construction of the SSI; and</p> <p>(e) provision for annual reporting of monitoring results to the Director General, OEH and relevant Councils, or as otherwise agreed by those agencies.</p> <p>Monitoring shall be undertaken during construction and until such time as the effectiveness of mitigation measures can be demonstrated to have been achieved over a minimum of three successive monitoring periods, unless otherwise agreed by the Director General. The monitoring period may be reduced with the agreement of the Director General in consultation with OEH and relevant Councils depending on the outcomes of the monitoring.</p> <p>The Program shall be submitted to the Director General for approval no later than one month prior to the commencement of construction that would result in the disturbance of ecological communities, unless otherwise agreed by the Director General.</p>	Prior to Impacting on Ecological Communities	Sep-13	Apr-13	One month prior to impacting on ecological communities	May-13	Compliant	Biodiversity mitigation measures are implemented through the Biodiversity monitoring framework (Ecological Monitoring Program). This program has been prepared by EMGA Mitchell McLennan (EMM) and will be developed in consultation with OEH and local councils. The Flora and Fauna Management Plan was initially submitted to DP&I on 11 April 2013 and approved on 22 May 2013	Consultation with OEH and relevant local councils is ongoing
Flood Risk Management Plan										
IA1	C8	<p>A Stormwater and Flooding Management Plan(s) shall be prepared in consultation with the Department (Strategies and Land Release), OEH, and relevant Councils during detailed design of the SSI and prior to relevant construction, or as otherwise agreed by the Director General. The Plan shall identify actions to ensure that the SSI addresses existing flooding characteristics within the vicinity of the SSI for a full range of flood sizes up to and including the probable maximum flood. The Plan(s) shall be prepared by appropriately qualified person(s) and facilitate a holistic approach to detailed hydrologic assessment and stormwater management, which gives consideration to the impacts associated with construction and operation, and shall include but not be limited to:</p> <p>a) the design of temporary works and compensatory measures that would be implemented during construction to not worsen, to the extent that it is feasible and reasonable, existing and known future flooding characteristics;</p> <p>b) the identification of flood risks to the SSI and adjoining areas, including the consideration of local drainage catchment assessments, and climate change implications on rainfall and drainage characteristics;</p> <p>c) identification of design and mitigation measures that would be implemented to protect proposed construction activities and not worsen existing flooding characteristics during construction, including soil erosion and scouring;</p> <p>d) identify flood risk, potential for inflows, potential consequences and required mitigation measures for each tunnel entrance; and</p> <p>e) a flood / emergency response / management plan.</p> <p>For surface components of the SSI located on floodplains, flood impacts shall be confirmed in accordance with the Floodplain Development Manual (2005), and other relevant NSW Government Guidelines.</p>	Throughout stage 1a with limitations detailed in the staging report	Feb-13	Feb-13	Mar-13	May-13	Compliant	Baulderstone Soil and Water Management Plan section 4.7	Partial compliance for this stage - very limited works will be undertaken in flood prone areas, and no works likely to impact on the flooding characteristics of the area. Temporary and short term duration works may be required near watercourses and item C8(c) is incorporated into the Soil and Water Management Plan (E46(d)) while item C8(e) is captured within the Project Emergency Response Plan. Baulderstone initially submitted a Construction Soil and Water Management Plan to DP&I on the 18 February 2013 and approval was received 22 May 2013
Water Quality Monitoring Program										
IA1	C11	<p>A Water Quality Monitoring Program shall be prepared and implemented to monitor impacts on surface and groundwater quality resources and wetlands. The Program shall be developed in consultation with the EPA, DPI (Fisheries) and NOW and shall include but not necessarily be limited to:</p> <p>(a) identification of surface and groundwater quality monitoring locations which are representative of the potential extent of impacts from the SSI;</p> <p>(b) identification of the water quality parameters to be monitored at each location;</p> <p>(c) identification of works and activities during construction of the SSI, including emergencies and spill events, that have the potential to impact on surface water quality of potentially affected waterways;</p> <p>(d) presentation of parameters and standards against which any changes to water quality will be assessed, having regard to the principles of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000 (ANZECC, 2000), and identification of 'trigger points' for further investigation or action to be taken;</p> <p>(e) representative background monitoring of surface and groundwater quality parameters, to establish baseline water conditions, unless otherwise agreed by the Director General;</p> <p>(f) identification of the frequency of water sampling during background, and construction monitoring periods;</p> <p>(g) a minimum monitoring period of three years following the completion of construction or until the affected waterways and/or groundwater resources are certified by an independent expert as being rehabilitated to an acceptable condition;</p> <p>(h) contingency and ameliorative measures in the event that adverse impacts to water quality relevant to the SSI are identified; and</p> <p>(i) reporting of the monitoring results to the Department, EPA, DPI and NoW.</p> <p>The Program shall be submitted to the Director General for approval prior to the commencement of construction of the SSI, or as otherwise agreed by the Director General. A copy of the Program shall be submitted to the EPA, DPI (Fishing and Aquaculture) and NOW prior to its implementation.</p>	Throughout stage 1a with limitations detailed in the staging report	Feb-13	Feb-13	Mar-13	May-13	Compliant	Baulderstone Soil and Water Management Plan section 5.2	Full compliance for this stage to the extent that the Early Works may be in the proximity of, and have potential to impact on, surface and groundwater resources and wetlands. Baulderstone initially submitted a Construction Soil and Water Management Plan to DP&I on 18 February 2013 and approval was received 22 May 2013

			Stage 1a							
ED	Ref	Undertaking	Timeframe for Implementation	Target Date for Submission	Date Submitted	Approval Required by	Approval Received	Compliance Status	Evidence and References	Notes
Utilities and Services										
IA1	C23	Utilities, services and other infrastructure potentially affected by construction shall be identified prior to construction effecting the item, to determine requirements for access to, diversion, protection, and/or support. Consultation with the relevant owner and/or provider of services that are likely to be affected by the SSI shall be undertaken to make suitable arrangements for access to, diversion, protection, and/or support of the affected infrastructure as required. The Proponent shall ensure that disruption to any service is minimised and shall be responsible for advising local residents and businesses affected prior to any planned disruption of service.	Prior to commencing construction for stage 1a	NA	NA	NA	NA	Compliant	Consultation Management Systems record DBYD enquiries made by BPL in order to assess EW impact on existing in-ground services and BPL correspondence with the various utility service providers (letters, emails, meetings). Works Authorisation Deeds (WAD's).	Boulderstone has engaged specialist consultants to undertake Utilities, services and other infrastructure investigation design and public utility authority negotiation.
IA1	C24	The Proponent shall prepare dilapidation surveys and reports (including movement prediction studies) on the condition of roads, footpaths, services and utilities affected by construction. The Proponent shall carry out rectification work at the Proponent's expense and to the reasonable requirements of the owners.	Throughout Stage 1a	NA	NA	NA	NA	Pending	Dilapidation Reports	Boulderstone has engaged specialist consultants to undertake and prepare dilapidation surveys and reports. These surveys will be an ongoing activity and shall occur close but prior to any activities that require dilapidation surveys and reports
Transport and Access										
IA1	C28	A Traffic and Transport Liaison Group shall be established by the Proponent to inform the detail design of temporary and permanent traffic and transport measures and to inform ongoing management measures prior to and during construction of the SSI. The Group shall be chaired by the Proponent and shall comprise representatives from relevant road authorities (including the RMS and councils), transport operators, and emergency services. The Group shall be consulted on and shall inform the preparation of the Construction Traffic Management Plan (condition E46(c)) and associated plans.	Prior to commencing construction for stage 1a	NA	NA	NA	NA	Compliant	TTLG Terms of Reference and Meeting Minutes	TTLG was Established in Dec-12 and has met at a monthly frequency since this date (4 meetings)
SCHEDULE D - COMMUNITY INFORMATION, REPORTING AND AUDITING										
Community Information, Consultation and Involvement										
IA1	D1	A Stakeholder and Community Involvement Plan shall be prepared and implemented to provide mechanisms to facilitate communication between the Proponent (and its contractor(s)), the Environmental Representative (condition E44), the relevant council and community stakeholders (particularly adjoining landowners) on the construction environmental management of the SSI. The Strategy shall include, but not be limited to: (a) identification of community and business 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 community and business stakeholders on construction progress and matters associated with environmental management; (c) the formation of community/business-based forums that focus on key environmental management issues for the SSI. The Strategy shall provide detail on the structure, scope, objectives and frequency of the forums; (d) procedures and mechanisms through which community and business stakeholders can discuss or provide feedback to the Proponent and/or Environmental Representative in relation to the environmental management and delivery of the SSI; (e) procedures and mechanisms through which the Proponent can respond to enquires or feedback from community and business stakeholders in relation to the environmental management and delivery of the SSI; and (f) procedures and mechanisms that would be implemented to resolve issues/ disputes that may arise between parties on the matters relating to environmental management and the delivery of the SSI. This may include the use of an appropriately qualified and experienced independent mediator. Issues that shall be addressed through the Stakeholder and Community Involvement Plan include (but are not necessarily limited to) construction traffic and access arrangements, construction noise and vibration, impacts to local businesses, land uses and community facilities, and other construction generated impacts. The Proponent shall maintain and implement the Plan throughout construction of the SSI. The Plan shall be approved by the Director General prior to the commencement of construction, or as otherwise agreed by the Director General.	Prior to commencing construction for stage 1a	Feb-13	Dec-12	Mar-13	Mar-13	Compliant	SCR-02_NWRL Stakeholder and Community Involvement Plan	Approved by DP&I on 19 March 2013
Complaints and Enquiries Procedure										

			Stage 1a							
ED	Ref	Undertaking	Timeframe for Implementation	Target Date for Submission	Date Submitted	Approval Required by	Approval Received	Compliance Status	Evidence and References	Notes
IA1	D2	<p>Prior to the commencement of construction, or as otherwise agreed by the Director General, the Proponent shall ensure that the following are available for community enquiries and complaints for the duration of construction:</p> <p>(a) a 24 hour telephone number(s) on which complaints and enquiries about the SSI may be registered;</p> <p>(b) a postal address to which written complaints and enquiries may be sent;</p> <p>(c) an email address to which electronic complaints and enquiries may be transmitted; and</p> <p>(d) a mediation system for complaints unable to be resolved.</p> <p>The telephone number, the postal address and the email address shall be published in newspaper(s) circulating in the local area prior to the commencement of construction. This information shall also be provided on the website (or dedicated pages) required by this approval.</p>	Prior to commencing construction for stage 1a	Dec-12	Dec-12	Mar-13	Mar-13	Compliant	<p>a) 1800 019 989</p> <p>b) Mail: NWRL, PO Box K659, Haymarket, NSW 1240</p> <p>c) info@northwestrail.com.au</p> <p>d) SCR-05_NWRL Construction complaints management system</p> <p>Community notification letters, newspaper advertisements, project website (http://northwestrail.com.au/)</p>	NWRL Complaints Management System was submitted to DP&I on 20 Dec 2012, re-submitted on 12 March 2013 following comments from DP&I and is currently awaiting approval from DP&I in combination with the established project website (http://northwestrail.com.au/)
IA1	D3	<p>Prior to the commencement of construction, or as otherwise agreed by the Director General, the Proponent shall prepare and implement a Construction Complaints Management System consistent with AS 4269: Complaints Handling and maintain the System for the duration of construction and up to 12 months following completion of the SSI.</p> <p>Information on all complaints received, including the means by which they were addressed and whether resolution was reached, with or without mediation, shall be maintained in a complaints register and included in the construction compliance reports required by this approval. The information contained within the System shall be made available to the Director General on request.</p>	Prior to commencing construction for stage 1a	Dec-12	Dec-12	Mar-13	Mar-13	Compliant	SCR-05_NWRL Construction complaints management system and Consultation Manager Database	Approved by DP&I on 19 March 2013
Provision of Electronic Information										
IA1	D4	<p>Prior to the commencement of construction, or as otherwise agreed by the Director General, 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 SSI, for the duration of construction and for 12 months following completion of the SSI. 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:</p> <p>(a) information on the current implementation status of the SSI;</p> <p>(b) a copy of the documents referred to under condition B1 of this approval, and any documentation supporting modifications to this approval that may be granted from time to time;</p> <p>(c) a copy of this approval and any future modification to this approval;</p> <p>(d) a copy of each relevant environmental approval, licence or permit required and obtained in relation to the SSI;</p> <p>(e) a copy of each current strategy, plan, program or other document required under this approval;</p> <p>(f) the outcomes of compliance tracking in accordance with condition D5 of this approval; and</p> <p>(g) details of contact point(s) to which community complaints and enquiries may be directed, including a telephone number, a postal address and an email address.</p>	Throughout stage 1a with limitations detailed in the staging report	Dec-12	Dec-12	NA	NA	Compliant	<p>The NWRL Project Website has been established and Baulderstones Project Website is live. Both sites will contain all documentation as required by this condition.</p> <p>project website (http://northwestrail.com.au/)</p>	Project Plans are awaiting upload pending corrections requested by DP&I prior to publication
Compliance Monitoring and Tracking										
IA1	D5	<p>The Proponent shall develop and implement a Compliance Tracking 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 and operate for a minimum of one year following commencement of operation. The Program shall include, but not necessarily be limited to:</p> <p>(a) provisions for the notification of the Director General prior to the commencement of construction of the SSI (including prior to each stage, where works are being staged);</p> <p>(b) provisions for periodic review of the compliance status of the SSI against the requirements of this approval;</p> <p>(c) provisions for periodic reporting of compliance status to the Director General, including a Pre-Construction Compliance Report, during construction reporting, and a Post-Construction Compliance Report;</p> <p>(d) a program for independent environmental auditing in accordance with ISO 19011:2003 - Guidelines for Quality and / or Environmental Management Systems Auditing;</p> <p>(e) mechanisms for recording environmental incidents during construction and actions taken in response to those incidents;</p> <p>(f) provisions for reporting environmental incidents to the Director General and relevant public authorities during construction;</p> <p>(g) procedures for rectifying any non-compliance identified during environmental auditing, review of compliance or incident management; and</p> <p>(h) provisions for ensuring all employees, contractors and sub-contractors are aware of, and comply with, the conditions of this approval relevant to their respective activities.</p>	Prior to commencing construction for stage 1a	Feb-13	Dec-12	Mar-13	Mar-13	Compliant	North West Rail Link Stage 1 Infrastructure Approval – Compliance Tracking Program	Approved by DP&I on 14 March 2013
Schedule E - CONSTRUCTION ENVIRONMENTAL MANAGEMENT										
Biodiversity										

			Stage 1a							
ED	Ref	Undertaking	Timeframe for Implementation	Target Date for Submission	Date Submitted	Approval Required by	Approval Received	Compliance Status	Evidence and References	Notes
IA1	E5	Prior to construction, pre clearing surveys and inspections for threatened flora and fauna species and habitat features shall be undertaken. The surveys and inspections, and any subsequent relocation of species, shall be undertaken under the guidance of a qualified ecologist and the methodology incorporated into the Construction Flora and Fauna Management Plan (condition E46(f)).	Prior to commencing construction for stage 1a	NA	NA	NA	NA	Compliant	Baulderstone Construction Flora and Fauna Management plan (Attachment 2)	Baulderstone has engaged qualified Ecological Consultants to undertake pre clearing surveys and inspections for threatened flora and fauna species and habitat features. Baulderstone initially submitted a Construction Flora and Fauna Management Plan to DP&I on 18 February 2013 and was approved on 22 May 2013
IA1	E6	Prior to the commencement of construction work that would result in the disturbance of native vegetation (or as otherwise agreed by the Director General), a Nest Box Plan to provide replacement hollows for displaced fauna shall be prepared in consultation with the OEH and relevant Council(s). The Plan, to be incorporated into the Biodiversity Offset Package (condition C5), shall detail the number and type of nest boxes to be installed, which shall be justified based on the number and type of hollows removed (based on pre clearing surveys), the density of hollows in the area to be cleared and in adjacent areas, and the availability of adjacent food resources. The Plan shall also consider the relocation of any hollows removed from the site to provide for potential nesting habitat. The Plan shall also provide details of maintenance protocols for the nest boxes installed including responsibilities, timing and duration.	Prior to disturbing native vegetation	NA	NA	NA	NA	Compliant	Baulderstone Construction Flora and Fauna Management plan (Appendix D) and Nest box register detailing location, type, monitoring frequency, and installation date.	Baulderstone has engaged qualified Ecological Consultants to undertake hollow bearing tree surveys and a Nest Box Management Plan. TfNSW will integrate the results into the Biodiversity Offset package as part of meeting condition C5
Heritage										
IA1	E9	<p>Prior to the commencement of pre-construction and/ or construction activities that will impact the Aboriginal archaeological sites identified in table 7.3 of the North West Rail Link EIS: Technical Paper 4 – Indigenous Heritage, dated March 2012, the Proponent shall undertake an archaeological salvage program using a methodology prepared in consultation with the registered Aboriginal stakeholders, and to the satisfaction of the Director-General. This work shall be undertaken by an appropriately qualified archaeological heritage consultant.</p> <p>Within 2 years of completing the salvage, unless otherwise agreed by the Director General, the Proponent shall submit a report containing the findings of the salvage, including artefact analysis, and the identification of a final repository for any Aboriginal objects, prepared in consultation with the Aboriginal stakeholders and to the satisfaction of the Director-General.</p>	Prior to commencing construction for stage 1a	Mar-15	TBA	NA	NA	Pending		Baulderstone have engaged aboriginal heritage consultants to undertake an archaeological salvage program. Registered Aboriginal Parties are being consulted on the salvage methodology. Baulderstone initially submitted a Construction Heritage Management Plan including a Cultural Heritage Assessment Report to DP&I on the 18 February 2013 and was approved 22 May 2013
IA1	E10	<p>Prior to the commencement of pre-construction and/ or construction activities that will impact the historical archaeological sites identified in table 4.2 of the North West Rail Link EIS: Technical Paper 3, – European Heritage, dated March 2012, the Proponent shall undertake an archaeological excavation program in accordance with the Heritage Council of NSW Archaeological Assessments Guideline (1996) using a methodology prepared in consultation with the Heritage Council of NSW, and to the satisfaction of the Director-General. This work shall be undertaken by an appropriately qualified archaeological heritage consultant.</p> <p>Within 2 years of completing the above work, unless otherwise agreed by the Director General, the Proponent shall submit a report containing the findings of the excavations, including artefact analysis, and the identification of a final repository for any finds, prepared in consultation with the Heritage Council of NSW and to the satisfaction of the Director-General.</p>	Prior to commencing construction for stage 1a	Mar-15	TBA	NA	NA	Pending		Baulderstone has engaged qualified heritage consultants to undertake European heritage surveys. Baulderstone initially submitted a Construction Heritage Management Plan to DP&I on 18 February 2013 and was approved 22 May 2013
Property and Business Impacts										
IA1	E26	<p>The Proponent shall, prior to the commencement of construction (including demolition and excavation works), or each part of the SSI that may impact on surrounding properties at risk from damage:</p> <p>(a) where agreed with the property owner, undertake independent inspections of these properties prior to construction in accordance with AS 4349.1 'Inspection of Buildings'. This inspection shall be undertaken by appropriately qualified and experienced geotechnical and construction engineering experts, and report on property features that may be affected by construction;</p> <p>(b) contact the owners of all buildings on which property inspections are to be conducted before the inspection, or as otherwise agreed by the affected property owner, and advise of the scope and methodology for the inspection, and of the process for making a property damage claim;</p> <p>(c) provide a copy of the property inspection report to the owner of each property inspected prior to construction that could affect the property;</p> <p>(d) determine an appropriate property vibration criteria and management and protection measures to ensure that property damage (including cosmetic damage) will be avoided; and</p> <p>(e) maintain a register of all properties inspected by the Proponent, indicating whether the owner accepted or refused the property inspection offer, and provide a copy of the register to the Director General upon request.</p> <p>Reports from the geotechnical engineer advising on the risk of damage to properties shall be made available upon request to the Director General and the Independent Property Impact Assessment Panel (condition E29).</p>	Throughout stage 1a with limitations detailed in the staging report	NA	NA	NA	NA	Pending	Baulderstone Property Impact Assessment Register	Baulderstone have engaged qualified consultants (SMEC) to undertake pre-condition inspections of buildings at risk prior to the commencement of vibration intensive construction activities. SMEC have assessed which properties are at risk and conditions E26 (a-d) will be complied with for these proerties.

			Stage 1a							
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IA1	E29	<p>The Proponent shall establish an Independent Property Impact Assessment Panel prior to relevant construction or demolition works commencing. The Panel shall be approved by the Director General and comprise geotechnical and engineering experts independent of the design and construction team, unless otherwise agreed by the Director General. The Panel shall be responsible for independently verifying assessments undertaken under conditions C17 and E26, the resolution of property damage disputes and the establishment of ongoing settlement monitoring requirements.</p> <p>Either the affected property owner or the Proponent may refer unresolved disputes arising from potential and/or actual property impacts to the Panel for resolution. All costs incurred in establishing and implementing the Panel shall be borne by the Proponent.</p>	Throughout stage 1a with limitations detailed in the staging report	Apr-13	Apr-13	May-13	May-13	Compliant	IPIAP Terms of Reference and minutes and Approval letter from DP&I on 9 May 2013	Baulderstone have engaged qualified consultants to undertake pre-condition inspections of buildings at risk prior to the commencement of vibration intensive construction activities. An Independent Property Impact Assessment Panel has been approved by DP&I on 9 May 2013
IA1	E32	<p>The Proponent shall prepare and implement a Business Management Plan to minimise impacts on business adjacent to major construction sites and activities during construction of the SSI. The Plan shall include measures to minimise business related impacts, maintain vehicular and pedestrian access during business hours, and maintenance of visibility of the business appropriate to its reliance on such. The Plan shall include, but not necessarily be limited to:</p> <p>(a) a Business Consultation forum linked with the Community Construction Strategy as required by condition D1;</p> <p>(b) Business Management Strategies for each construction site (and/ or activity), identifying affected businesses and associated management strategies, including the employment of place managers and specific measures to be put in place to assist small business owners adversely impacted by the construction of the SSI;</p> <p>(c) a monitoring program to assess the effectiveness of the measures including the nomination of performance parameters and criteria against which effectiveness of the measures will be measured; and</p> <p>(d) provision for reporting of monitoring results to the Director General, as part of the Compliance Tracking Program (condition D5).</p>	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13	Compliant	Approval Letter from DP&I for the Baulderstone Business Management Plan dated 9 May 2013	Baulderstone submitted the Business Management Plan to D&PI on the 11 April 2013 and was approved 7 May 2013
Transport and Access										
	E38	<p>Upon determining the haulage route(s) for construction vehicles associated with the SSI, and prior to use of the haulage route(s) by heavy vehicles, an independent and qualified person or team shall undertake a Road Dilapidation Report on local roads from the construction access / egress point(s) to the arterial road network. The report shall assess the current condition of the road and describe mechanisms to restore any damage that may result due to traffic and transport related to the construction of the SSI, during construction. The Report shall be submitted to the relevant road authority for review prior to use of the haulage routes(s).</p> <p>Following completion of construction, a subsequent report shall be prepared to assess any damage that may have resulted from the construction of the SSI.</p> <p>Measures undertaken to restore or reinstate roads affected by the SSI shall be undertaken in a timely manner, in accordance with the reasonable requirements of the relevant road authority, and at the full expense of the Proponent.</p>	Throughout Stage 1a	Feb-13	Feb-13	Mar-13	May-13	Compliant	No current use of haulage routes	Bulk haulage will not be part of the Early Works scope. However, Baulderstone has engaged a qualified consultant to prepare road dilapidation reports for the Proponent. Baulderstone initially submitted a Construction Traffic Management Plan to DP&I on the 18 February 2013 and was approved 22 May 2013
Ancillary Facilities										
IA1	E42	<p>Unless otherwise approved by the Director General, the location of Ancillary Facilities shall:</p> <p>(a) be located more than 50 metres from a waterway;</p> <p>(b) be located within or adjacent to land where the SSI is being carried out;</p> <p>(c) have ready access to the road network;</p> <p>(d) be located to minimise the need for heavy vehicles to travel through residential areas;</p> <p>(e) be sited on relatively level land;</p> <p>(f) be separated from nearest residences by at least 200 metres (or at least 300 metres for a temporary batching plant);</p> <p>(g) not require vegetation clearing beyond that already required by the SSI;</p> <p>(h) not impact on heritage items (including areas of archaeological sensitivity) beyond those already impacted by the SSI;</p> <p>(i) not unreasonably affect the land use of adjacent properties;</p> <p>(j) be above the 20 ARI flood level unless a contingency plan to manage flooding is prepared and implemented; and</p> <p>(k) 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.</p> <p>The location of the ancillary facilities shall be identified in the Construction Environmental Management Plan (condition E46) and include consideration of the above criteria. Where the above criteria cannot be met for any proposed ancillary facility, the Proponent shall demonstrate to the satisfaction of the Director General that there will be no significant adverse impact from that facility's construction or operation. Such assessment(s) can be submitted separately or as part of the Construction Environmental Management Plan.</p>	Throughout Stage 1a	NA	NA	NA	NA	Pending	Construction Compound and Ancillary Facilities Management Plan and associated assessments of all ancillary facilities recorded in Appendix B of the CCAFMP.	This conditions remains active due to the ongoing requirement to conduct and record ancillary facility assessments
Environmental Representative										

			Stage 1a							
ED	Ref	Undertaking	Timeframe for Implementation	Target Date for Submission	Date Submitted	Approval Required by	Approval Received	Compliance Status	Evidence and References	Notes
IA1	E44	<p>Prior to the commencement of construction of the SSI, 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:</p> <p>(a) be the principal point of advice in relation to the environmental performance of the SSI;</p> <p>(b) monitor the implementation of environmental management plans and monitoring programs required under this approval and advise the Proponent upon the achievement of these plans/ programs;</p> <p>(c) have responsibility for considering and advising the Proponent on matters specified in the conditions of this approval, and other licences and approvals related to the environmental performance and impacts of the SSI;</p> <p>(d) ensure that environmental auditing is undertaken in accordance with the Proponent's Environmental Management System(s);</p> <p>(e) be given the authority to approve/ reject minor amendments to the Construction Environment Management Plan. What constitutes a "minor" amendment shall be clearly explained in the Construction Environment Management Plan (condition E46);</p> <p>(f) be given the authority and independence to advise on reasonable steps be taken to avoid or minimise unintended or adverse environmental impacts; and</p> <p>(g) be consulted in responding to the community concerning the environmental performance of the SSI where the resolution of points of conflict between the Proponent and the community is required.</p>	Prior to commencing construction for stage 1a	Oct-12	Oct-12	Mar-13	Nov-12	Compliant	Letter from DP&I - NWRL Stage 1_ Major Civil Construction Works - Nomination of Environmental Representative (Condition E44) indicating approval of Gillian Lehn as Environmental Representative for the NWRL Project on the 13/11/2012.	
CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN										
IA1	E45	<p>Prior to the commencement of construction, or as otherwise agreed by the Director General, the Proponent shall prepare and implement (following approval) a Construction Environmental Management Plan for the SSI. The Plan shall outline the environmental management practices and procedures that are to be followed during construction, and shall be prepared in consultation with the relevant government agencies and in accordance with the Guideline for the Preparation of Environmental Management Plans (DIPNR, 2004). The Plan shall include, but not necessarily be limited to:</p> <p>(a) a description of activities to be undertaken during construction of the SSI (including staging and scheduling);</p> <p>(b) statutory and other obligations that the Proponent is required to fulfil during construction, including approvals, consultations and agreements required from authorities and other stakeholders under key legislation and policies;</p> <p>(c) a description of the roles and responsibilities for relevant employees involved in the construction of the SSI, including relevant training and induction provisions for ensuring that employees, including contractors and sub-contractors are aware of their environmental and compliance obligations under these conditions of approval;</p> <p>(d) an environmental risk analysis to identify the key environmental performance issues associated with the construction phase; and</p> <p>(e) details of how environmental performance would be managed and monitored to meet acceptable outcomes, including what actions will be taken to address identified potential adverse environmental impacts (including any impacts arising from the staging of the construction of the SSI). In particular, the following environmental performance issues shall be addressed in the Plan:</p> <p>(i) Ancillary Facilities management;</p> <p>(ii) noise and vibration;</p> <p>(iii) traffic and access;</p> <p>(iv) soil and water quality and spoil management;</p> <p>(v) groundwater management and discharge;</p> <p>(vi) air quality and dust management;</p> <p>(vii) visual amenity;</p> <p>(viii) management of Aboriginal and historic heritage;</p> <p>(ix) soil contamination, groundwater contamination, hazardous material and waste management;</p> <p>(x) management of ecological impacts; and</p> <p>(xi) hazard and risk management.</p> <p>The Plan shall be submitted for the approval of the Director General no later than one month prior to the commencement of construction, or as otherwise agreed by the Director General. The Plan may be prepared in stages, however, construction works shall not commence until written approval has been received from the Director General.</p> <p>Note: The approval of a Construction Environmental Management Plan does not relieve the Proponent of any requirement associated with this SSI approval. If there is an inconsistency with an approved Construction Environmental Management Plan and the conditions of this SSI approval, the requirements of this SSI approval prevail.</p>	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13	Compliant	Boulderstone Construction Environmental Management Plan	Boulderstone initially submitted a Construction Environmental Management Plan to DP&I on the 18 February 2013 and approval was received 22 May 2013
		<p>a) As part of the Construction Environmental Management Plan for the SSI required under condition E45 the Proponent shall prepare and implement:</p> <p>A Construction Compound and Ancillary Facilities Management Plan to detail the management of Ancillary Facilities associated with the SSI. The Plan shall include but not be limited to:</p> <p>i) a description of the facility, its components and the surrounding environment;</p> <p>ii) details of the activities to be carried out at each facility, including the hours of use and the storage of dangerous and hazardous goods;</p> <p>iii) an assessment against the locational criteria outlined in condition E42;</p> <p>iv) details of the mitigation and management procedures specific to the facility that would be implemented to minimise environmental and amenity impacts and an assessment of the adequacy of the mitigation or offsetting measures;</p> <p>v) identification of the timing for the completion of activities at the facility and how the site will be decommissioned (including</p>	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13		Boulderstone Construction Compound and Ancillary Facilities Management Plan	Boulderstone initially submitted a Construction Compound and Ancillary Facilities Management Plan to DP&I on the 18 February 2013 and approval was received 22 May 2013

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ED	Ref	Undertaking	Timeframe for Implementation	Target Date for Submission	Date Submitted	Approval Required by	Approval Received	Compliance Status	Evidence and References	Notes
		<p>b) A Construction Noise and Vibration Management Plan to detail how construction noise and vibration impacts will be minimised and managed. The Plan shall be consistent with the guidelines contained in the Interim Construction Noise Guidelines (DECC, 2009). The plan shall be developed in consultation with the EPA and shall include, but not be limited to:</p> <ul style="list-style-type: none"> (i) identification of sensitive receivers and relevant construction noise and vibration goals applicable to the SSI stipulated in this approval; (ii) details of construction activities and an indicative schedule for construction works, including the identification of key noise and/or vibration generating construction activities (based on representative construction scenarios, including at ancillary facilities) that have the potential to generate noise and/or vibration impacts on surrounding sensitive receivers, particularly residential areas; (iii) identification of feasible and reasonable measures proposed to be implemented to minimise and manage construction noise impacts (including construction traffic noise impacts), including, but not limited to, acoustic enclosures, erection of noise walls (hoardings), respite periods and the limiting of truck movements during night periods; (iv) identification of feasible and reasonable procedures and mitigation measures to ensure relevant vibration and blasting criteria are achieved, including a suitable blast program, applicable buffer distances for vibration intensive works, use of low-vibration generating equipment/ vibration dampeners or alternative construction methodology, and pre- and post-construction dilapidation surveys of sensitive structures where blasting and/ or vibration is likely to result in damage to buildings and structures (including surveys being undertaken immediately following a monitored exceedence of the criteria); (v) detailing tunnelling and associated activities described in condition E14, including associated impacts, management and mitigation measures; (vi) if blasting is required, an assessment of the potential noise and vibration impacts, and a strategy to minimise and manage those impacts, including preparation of an appropriate community information program; (vii) a description of how the effectiveness of mitigation and management measures would be monitored during the proposed works, clearly indicating how often this monitoring would be conducted, the locations where monitoring would take place, how the results of this monitoring would be recorded and reported, and, if any exceedence is detected, how any non-compliance would be rectified; and (viii) mechanisms for the monitoring, review and amendment of this plan. 	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13		Baulderstone Construction Noise and Vibration Management Plan	Baulderstone initially submitted a Construction Noise and Vibration Management Plan to DP&I on the 18 February 2013 and was approved 22 May 2013
		<p>c) A Construction Traffic Management Plan to manage construction traffic and transport access impacts of the SSI. The plan shall be developed in consultation with and meet the reasonable requirements of the relevant road authority, and/or transport operator ,and shall include but not be necessarily limited to:</p> <ul style="list-style-type: none"> (i) a traffic route and haulage management plan that identifies: <ul style="list-style-type: none"> i. traffic generation from other major infrastructure developments; ii. construction traffic and haulage routes and associated traffic impacts, iii. types and volumes of construction vehicles and associated route and time restrictions, including details of oversized load movements, iv. potential traffic disruptions and temporary and permanent detours, v. management, mitigation and restoration measures; (ii) a parking management plan that identifies: <ul style="list-style-type: none"> i. parking requirements and on and offsite parking arrangements and associated impacts, ii. remote parking arrangements and associated access between sites and public transport nodes, iii. alternate parking arrangements for displaced parking, iv. communication and parking management measures; (iii) site traffic and access management plans that detail: <ul style="list-style-type: none"> i. site access and associated route and turning movements and the design and signalisation of intersections, ii. potential activities that could result in the disruption to traffic and transport networks, including pedestrian, cyclist and public transport networks and during special events, iii. the timing of works to limit disruptions to the road and transport networks, iv. the maintenance of access to and safety of transport networks, parking and property, v. service facilities and station sites, and other locations identified by the relevant road authority or transport operator, (iv) an incident response plan detailing responses to the management of an event that directly involves or impacts on traffic and transport networks; and (v) mechanisms for the monitoring, review and amendment of this plan. 	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13		Baulderstone Construction Traffic Management Plan	Baulderstone initially submitted a Construction Traffic Management Plan to DP&I on the 18 February 2013 and was approved 22 May 2013

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IA1	E46	<p>d) A Construction Soil and Water Management Plan to manage surface and groundwater impacts during construction of the SSI. The plan shall be developed in consultation with the EPA and NOW and include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> (i) details of construction activities and their locations, which have the potential to impact on water courses, storage facilities, stormwater flows, and groundwater; (ii) details of proposed extraction, use and disposal of groundwater, and measures to mitigate potential impacts to groundwater sources, incorporating monitoring, impact trigger definition and response actions for all groundwater sources potentially impacted by the SSI; (iii) surface water and groundwater impact assessment criteria consistent with the principles of the Australian and New Zealand Environment Conservation Council (ANZECC) guidelines; (iv) management measures to be used to minimise surface and groundwater impacts, including identification of water treatment measures and discharge points, details of how spoil and fill material required by the SSI will be sourced, handled, stockpiled, reused and managed; erosion and sediment control measures; salinity control measures and the consideration of flood events; (v) management measures for grouting works in the vicinity of waterway crossings, in particular Cattai Creek; (vi) a contingency plan, consistent with the Acid Sulfate Soils Manual, to deal with the unexpected discovery of actual or potential acid sulfate soils, including procedures for the investigation, handling, treatment and management of such soils and water seepage; (vii) management measures for contaminated material and a contingency plan to be implemented in the case of unanticipated discovery of contaminated material during construction; (viii) a description of how the effectiveness of these actions and measures would be monitored during the proposed works, clearly indicating how often this monitoring would be undertaken, the locations where monitoring would take place, how the results of the monitoring would be recorded and reported, and, if any exceedance of the criteria is detected how any non-compliance can be rectified; and 	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13	Compliant	Baulderstone Construction Soil and Water Management Plan	Baulderstone initially submitted a Construction Soil and Water Management Plan to DP&I on the 18 February 2013 and was approved 22 May 2013
		<p>e) A Construction Heritage Management Plan to detail how construction impacts on Aboriginal and Historic heritage will be minimised and managed. The plan shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> (i) In relation to Aboriginal Heritage: <ul style="list-style-type: none"> I. developed in consultation with registered Aboriginal stakeholders; II. details of further investigation and identification of Aboriginal cultural heritage sites impacted by and within the construction areas except where the requirements of condition E9 have been met; III. details of management measures to be carried out in relation to Aboriginal heritage, including a detailed methodology and strategies for protection, monitoring, salvage, and conservation, of sites and items associated with the SSI and the long term storage and curation of any Aboriginal objects recovered in accordance the section 85A of the National Parks and Wildlife Act; IV. procedures for dealing with previously unidentified Aboriginal objects (excluding human remains) including cessation of works in the vicinity, assessment of the significance of the item(s) and determination of appropriate mitigation measures including when works can re-commence by a suitably qualified archaeologist in consultation with the Department, OEH and registered Aboriginal stakeholders and assessment of the consistency of any new Aboriginal heritage impacts against the approved impacts of the SSI, and registering of the new site in the OEH's Aboriginal Heritage Information Management System (AHIMS) register; and V. procedures for ongoing Aboriginal consultation and involvement for the duration of the SSI; and (ii) In relation to Historic Heritage: <ul style="list-style-type: none"> I. developed in consultation with the NSW Heritage Council; II. identification of Heritage Items directly and indirectly affected by the SSI; III. details of management measures to be implemented to prevent and minimise impacts on heritage items (including further heritage investigations, archival recordings and/ or measures to protect unaffected sites during construction works in the vicinity); IV. details on how the recommendations identified in the North West Rail Link EIS: Technical Paper 3 – European Heritage, prepared by Godden Mackay Logan, dated March 2012, and Technical Paper 4 – Indigenous Heritage, prepared by Godden Mackay Logan, dated March 2012 will be implemented, including archaeological research designs for all archaeological sites except where the requirements of condition E10 have been met; V. a detailed plan for the implementation of any measures resulting from further investigations associated with potentially affected heritage items, including Glenhope, Inala School, Windsor Road and Old Windsor Road, and Mungerie House; VI. details of monitoring and reporting requirements for impacts on heritage items; and VII. procedures for dealing with previously unidentified relics, (including cessation of works in the vicinity, assessment of the significance of the item(s) and determination of appropriate mitigation measures including when works can re-commence by a suitably qualified and experienced archaeologist in consultation with the OEH and the Department, and assessment of the consistency of any new heritage impacts against the approved impacts of the SSI.. (iii) heritage training and induction processes for construction personnel (including procedures for keeping records of inductions) and obligations under the conditions of this approval including site identification, protection and conservation of Aboriginal and historic heritage; (iv) procedures for dealing with human remains, including cessation of works in the vicinity and notification of the Department, NSW Police Force, OEH and registered Aboriginal stakeholders and not recommencing any works in the area unless authorised by the NSW Police Force and/ or the Department; and (v) mechanisms for the monitoring, review and amendment of this plan. 	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13		Baulderstone Construction Heritage Management Plan	Baulderstone initially submitted a Construction Heritage Management Plan to DP&I on the 18 February 2013 and was approved 22 May 2013

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		<p>f) A Construction Flora and Fauna Management Plan to detail how construction impacts on ecology will be minimised and managed. The Plan shall be developed in consultation with the OEH and relevant Councils and shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> i. plans for impacted and adjoining areas showing vegetation communities; important flora and fauna habitat areas; locations where threatened species, populations or ecological communities have been recorded; including pre-clearing surveys to confirm the location of threatened flora and fauna species and associated habitat features; ii. the identification of areas to be cleared and details of management measures (such as fencing, clearing procedures, removal and relocation of fauna during clearing, habitat tree management and construction worker education) to avoid any residual habitat damage or loss and to minimise or eliminate time lags between the removal and subsequent replacement of habitat; iii. vegetation management plan(s) for sites where vegetation is proposed to be retained and for reaches of riparian zones which intersect with the construction footprint; iv. identification of measures to reduce disturbance to bats and nocturnal birds (and other sensitive fauna); v. rehabilitation details, including identification of flora species and sources, and measures for the management and maintenance of rehabilitated areas (including duration of the implementation of such measures); vi. weed management measures focusing on early identification of invasive weeds and effective management controls; vii. a description of how the effectiveness of these management measures would be monitored and linked to the Ecological Monitoring Program required under condition C1; viii. a procedure for dealing with unexpected EEC/ threatened species identified during construction, including cessation of work and notification of the Department, determination of appropriate mitigation measures in consultation with the OEH (including relevant re-location measures) and updating of ecological monitoring and/ or biodiversity offset requirements; and ix. mechanisms for the monitoring, review and amendment of this plan. 	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13		Baulderstone Construction Flora and Fauna Management Plan	Baulderstone initially submitted a Construction Flora and Fauna Management Plan to DP&I on the 18 February 2013 and was approved 22 May 2013
		<p>g) A Construction Air Quality Management Plan to detail how construction impacts on air quality will be minimised and managed. The Plan shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> i. the identification of potential sources of air pollutants of concern, in particular dust and PM10; ii. air quality management objectives; iii. mitigation measures to be implemented, including measures during adverse weather conditions (such as strong winds in dry weather); iv. a monitoring program to assess compliance with the identified objectives; v. mechanisms for the monitoring, review and amendment of this plan. 	Prior to commencing construction for stage 1a	Feb-13	Feb-13	Mar-13	May-13		Baulderstone Construction Air Quality Management Plan	Baulderstone initially submitted a Construction Air Quality Management Plan to DP&I on the 18 February 2013 and was approved 22 May 2013