

Construction Environmental Management Plan

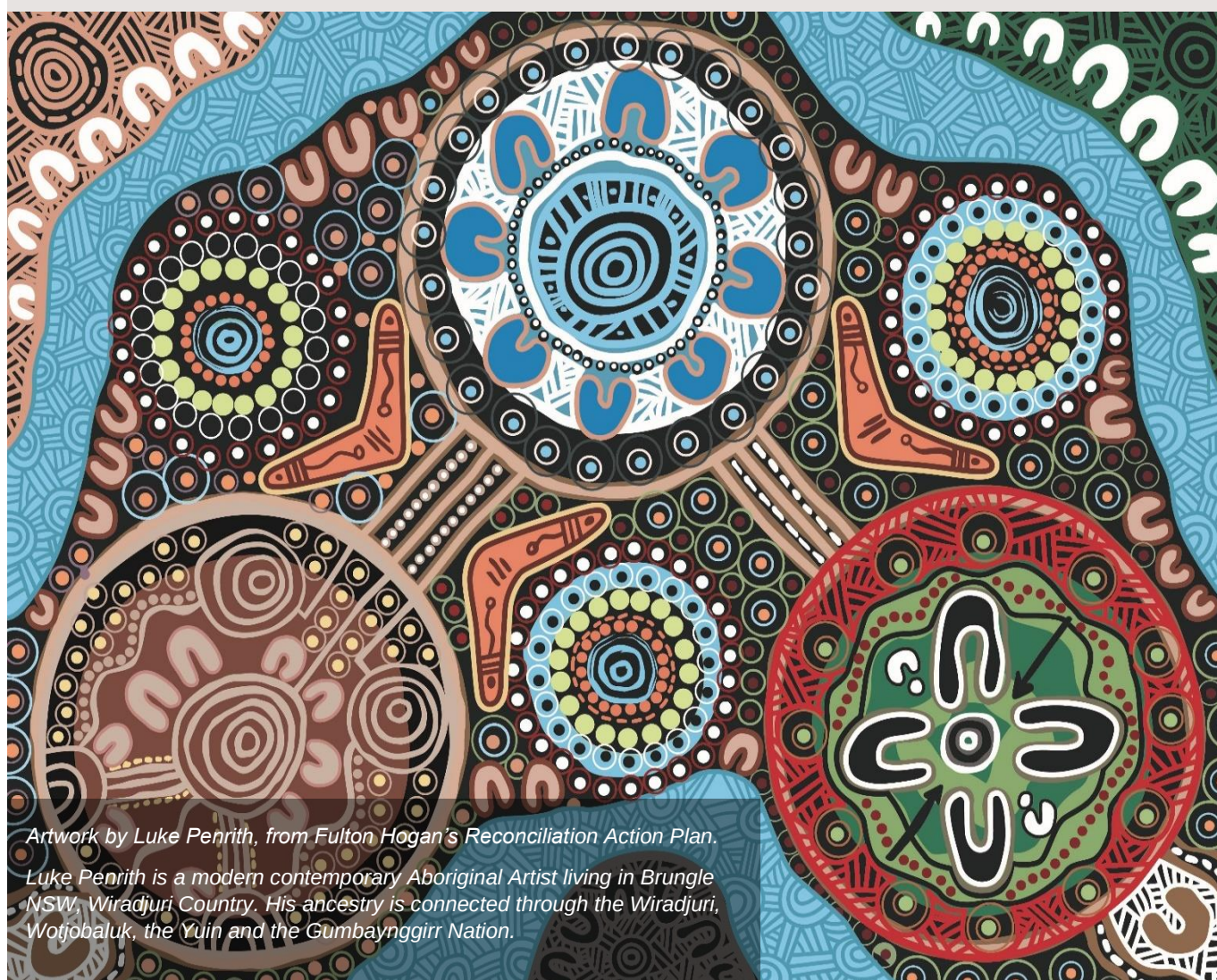
NEWCASTLE INNER CITY BYPASS – RANKIN PARK TO
JESMOND (STAGE 4 – MAIN WORKS)

ACKNOWLEDGMENT OF COUNTRY

Fulton Hogan acknowledges the Awabakal People as the Traditional Owners of the land we are working on, and pay our respect to their Elders past, present and emerging.

We recognise their deep connection to Country and value the contribution to caring for, and managing the land and water.

We are committed to pursuing genuine and lasting partnerships with Traditional Owners to understand their culture and connections to Country in the way we plan for and carry out the delivery of the Works.



Artwork by Luke Penrith, from Fulton Hogan's Reconciliation Action Plan.

Luke Penrith is a modern contemporary Aboriginal Artist living in Brungle NSW, Wiradjuri Country. His ancestry is connected through the Wiradjuri, Wotjobaluk, the Yuin and the Gumbaynggirr Nation.

Document control

This is an e-copy of the Plan and it interfaces with the other associated plans, which together describe the proposed overall project management system for the project.

The latest revision of this plan is available on the Fulton Hogan server. If any unsigned hard copies of this document are printed, they are valid only on the day of printing.

The revision number is included at the bottom of each page. When revisions occur, the entire document will be issued with the revision number updated accordingly for each owner of a controlled copy.

Attachments/Appendices to this plan are revised independently of this plan.

Revision history

REV	DATE	AUTHOR / REVISED BY	ENDORSED BY	BRIEF DESCRIPTION OF CHANGE
0	11/08/2022	R. Byrne	D. Edwards	Initial issue for TfNSW & ER review
1	16/09/2022	R. Byrne	D. Edwards	Revised in response to comments from TfNSW & the ER
2	19/10/2022	R. Byrne	D. Edwards	Revised in response to comments from TfNSW & to include consultation evidence
3	09/12/2022	R. Byrne	D. Edwards	Revised to include consultation evidence
4	19/12/2022	R. Byrne	D. Edwards	Revised in response to comments from TfNSW and the ER
5	09/02/2023	R. Byrne	D. Edwards	Revised in response to comments from DPE

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Contacts

Position	Name	Phone
Environmental Manager*	Nathan Russell	0439 365 106
Project Director	Don Edwards	0477 438 544
Construction Manager	Andrew Long	0459 075 884
Eastern Region Operations Manager – Construction	Matt Saviana	0409 243 493
Eastern Region Environment Manager – Construction	To be advised	To be advised
Lake Macquarie City Council	NA	(02) 4921 0333 Monday to Friday 8.30am - 4.30pm. (02) 4921 0333 After Hours Assistance
City of Newcastle	NA	(02) 4974 2000 Monday to Friday 8.30am – 5.00pm.
Fire and Rescue NSW	NA	000 (for pollution incidents that present an immediate threat to human health or property) 1300 729 579 (for pollution incidents that do not present an immediate threat to human health or property)
EPA pollution hotline	NA	131 555
SafeWork NSW	NA	131 050
The Ministry of Health	Hunter New England Local Health District – Eddie Pirillo, District Manager, Property	0439 600 305
WIRES Wildlife Rescue	NA	1300 094 737
24-hour community information line	NA	1800 818 433

*To be contactable by EPA and/or other public authorities on a 24-hour basis.

Glossary/ Abbreviations

Term/ abbreviation	Definition
Ancillary facility	Has the same meaning as the definition of the term in the Project Approval: A temporary facility for construction of the SSI including an office and amenities compound, construction compound, material crushing and screening plant, batch plant, materials storage compound, maintenance workshop, testing laboratory and material stockpile area. <i>Note: where an approved CEMP contains a stockpile management protocol, a material stockpile area located within the construction boundary is not considered to be an ancillary facility</i>
CEMP	Construction Environmental Management Plan
CoA	Condition of Approval
Construction	Has the same meaning as the definition of the term in the Project Approval.
Construction Boundary	Has the same meaning as the definition of the term in the Project Approval: The area physically affected by works described in documents listed in Condition A1.
D&C	Design and Construct
Department/ DPE	NSW Department of Planning and Environment
DPI	NSW Department of Primary Industries
DPE Water	Water Group of the Department and the National Resources Access Regulator
Ecologically sustainable development	Using, conserving and enhancing the community's resources so that the ecological processes on which life depends are maintained and the total quality of life now and in the future, can be increased (Council of Australian Governments, 1992).
EIS	Environmental Impact Statement
EPA	NSW Environment Protection Authority
EMS	Environmental Management System
Environmental aspect	Defined by AS/NZS ISO 14001 as an element of an organisation's activities, products or services that can interact with the environment.
Environmental impact	Defined by AS/NZS ISO 14001 as any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organisation's environmental aspects.
Environmental objective	Defined by AS/NZS ISO 14001 as an overall environmental goal, consistent with the environmental policy, that an organisation sets itself to achieve.
Environmental policy	Statement by an organisation of its intention and principles for environmental performance.
Environmental target	Defined by AS/NZS ISO 14001 as a detailed performance requirement, applicable to the organisation or parts thereof, that arises from the environmental objectives and that needs to be set and met in order to achieve those objectives.
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EPL	Environment Protection Licence

Term/ abbreviation	Definition
ER	Environmental Representative for the SSI
ERG	Environmental Review Group
ESCP	Primary Erosion and Sediment Control Plan
EWMS	Environmental Work Method Statement
HP	Hold Point: a point in the construction or verification process beyond which work may not proceed without receiving authorisation from the appropriate party.
IERP	Incident and Emergency Response Plan
Incident	Has the same meaning as the definition of the term in the Project Approval: An occurrence or set of circumstances that causes or threatens to cause material harm and which may or may not be or cause a non-compliance <i>Note: "material harm" is defined below.</i>
JHHIP	John Hunter Health and Innovation Precinct
Material harm	Has the same meaning as the definition of the term in the Project Approval: Is harm that: (a) involves actual or potential harm to the health or safety of human beings or to the environment that is not trivial, or (b) results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment)
Minister, the	NSW Minister for Planning
NA	Not applicable
NICB	Newcastle Inner City Bypass
Non-compliance	Has the same meaning as the definition of the term in the Project Approval: An occurrence, set of circumstances or development that is a breach of the Project Approval. This includes a failure to comply with the processes included within this CEMP.
Non-conformance	Failure to conform to the requirements of project or Fulton Hogan system documentation.
PESCP	Progressive Erosion and Sediment Control Plan
PIRMP	Pollution Incident Response Management Plan
Planning Secretary, the	Planning Secretary of the DPE (or nominee, whether nominated before or after the date on which the Project Approval was granted).
POEO Act	<i>Protection of the Environment Operations Act 1997 (NSW)</i>
Project, the	Newcastle Inner City Bypass Rankin Park to Jesmond
Project Approval, the	The Minister's approval for the SSI.
PV	Project Verifier
Relevant Council(s)	Has the same meaning as the definition of the term in the Project Approval: Lake Macquarie City Council and City of Newcastle, as relevant.

Term/ abbreviation	Definition
REMM	Revised Environmental Management Measure
RMS	Roads and Maritime Services (now TfNSW)
RP2J	Rankin Park to Jesmond
SPIR	Submissions and Preferred Infrastructure Report
SSD	State Significant Development, as generally described in Schedule 1 of the Development Consent, the carrying out of which is approved under the terms of the Development Consent.
SSI	State Significant Infrastructure, as generally described in Schedule 1 of the Project Approval, the carrying out of which is approved under the terms of the Project Approval.
SWTC	TfNSW Scope of Works and Technical Criteria
TfNSW	Transport for NSW (previously RMS)
Work(s)	Has the same meaning as the definition of the term in the Project Approval: All physical activities to construct or facilitate the construction of the SSI, including environmental management measures and utility works. however, does not include work that informs or enables the detailed design of the SSI and generates noise that is no more than 5 dB(A) above the rating background level (RBL) at any residence

1. Introduction

1.1. Background

Transport for NSW (TfNSW) has awarded the design and construction contract for the Rankin Park to Jesmond (RP2J) Project to Fulton Hogan. The RP2J Project comprises the design and construction of about 3.4 kilometres of new four lane divided road as part of the Newcastle Inner City Bypass (NICB) between Lookout Road, New Lambton Heights and Newcastle Road, Jesmond. In accordance with the 'Staging Report Newcastle Inner City Bypass - Rankin Park to Jesmond' (TfNSW, July 2022) the project forms Stage 4 – Main Works of the overall approved SSI (application number SSI 6888). Additional details regarding staging are provided in Section 2.2.

The purpose of the project is to complete the fifth section of NICB, an orbital road in Newcastle's road network. Sections of the NICB have opened progressively (from 1980). This project will alleviate traffic pressures on the existing route along Lookout Road, Croudace Street and Newcastle Road.

The project has been assessed under Division 5.2 (State Significant Infrastructure) of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The Department of Planning and Environment placed the 'Newcastle Inner City Bypass – Rankin Park to Jesmond Environmental impact statement' (RMS, November 2016) (EIS) on public exhibition from Wednesday 16 November 2016 until Friday 16 December 2016 (a total of 31 days). RMS prepared the 'Submissions and Preferred Infrastructure Report Newcastle Inner City Bypass Rankin Park to Jesmond' (RMS, April 2018) (SPIR) to respond to submissions and describe project design refinements.

The Minister for Planning granted project approval on 15 February 2019 (SSI 6888).

The Commonwealth determined the project to be a 'controlled action' under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), as it was considered likely that the project could have a significant impact on listed threatened species and communities and wetlands of international importance (EPBC Act referral 2015/7550). EPBC approval was granted on 5 April 2019. It is noted that the Project was approved under a bilateral agreement whereby the EPBC approval conditions and the conditions of approval contained in the project approval are directly aligned.

In May 2021, TfNSW requested modification to the project in 'Newcastle Inner City Bypass - Rankin Park to Jesmond Modification report: additional construction compounds' (TfNSW, May 2021) (Modification 1 Report). TfNSW requested additional construction compounds and changes to the compliance monitoring and reporting program conditions of approval. TfNSW prepared the 'Newcastle Inner City Bypass - Rankin Park to Jesmond Modification report: additional construction compounds Submissions report' (TfNSW, September 2021) (Modification 1 Submissions Report) to assess the potential environmental impacts and to respond to submissions. The modification application was approved on 7 February 2022. It is noted that the environmental management measures for the project were revised in Table 7.1 of the Modification 1 Submissions Report and will guide the subsequent phases of the project.

1.2. Purpose

In accordance with the requirements of CoA C1, this Construction Environmental Management Plan (CEMP) has been prepared to detail how Fulton Hogan will comply with the project approval, and implement and achieve the performance outcomes, commitments and mitigation measures specified in the EIS as amended by the SPIR and Modification 1 Submissions Report (also known as 'Revised Environmental Management Measures' (REMMs)) during construction of the project. The project must be carried out generally in accordance with the description of the project in the documents listed in CoA A1.

Additionally, this CEMP has been prepared to address the requirements of the EPBC approval, TfNSW Scope of Works and Technical Criteria (SWTC), TfNSW Specification D&C G36 Environmental Protection, TfNSW Specification D&C G38 Soil and Water Management, and TfNSW Specification D&C G40 Clearing and Grubbing. It is noted that the CEMP will be updated as required once the Environment Protection Licence (EPL) for the project is issued.

This CEMP has also been prepared having regard to the:

- AS/NZS ISO 14001 'Environmental management systems – Specification with guidance for use', and
- Environmental Management Plan Guidelines: Guidelines for Infrastructure Projects (DPIE, April 2020).

The relevant CEMP and Construction Monitoring Program conditions of approval and where they are met in this CEMP (or other documents) are set out in Table 1. As the EPBC approval directly reflects the conditions contained in the project approval (as outlined in Section 1.1), the EPBC approval is also addressed by way of addressing the project approval in Table 1.

This CEMP is the overarching document in the environmental management system (EMS) for the Project as shown Figure 6. It complies with the corporate Fulton Hogan EMS which is certified to AS/NZS ISO 14001.

For the avoidance of doubt, the CEMP relates to the construction phase only. Detailed design environmental requirements will be addressed as part of the detailed design phase, separate to the CEMP approvals process. Detailed design is generally completed about six months after CEMP approval. In addition, operational environmental requirements will be met during the operational phase (upon the completion of construction) and addressed in the Operational Environmental Management Plan (OEMP) or Environmental Management System (EMS) or equivalent as agreed with the Planning Secretary in accordance with CoA D3.

Table 1: CoA requirements specifically related to this CEMP

CoA	Requirement	Reference
CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN		
C1	A Construction Environmental Management Plan (CEMP) must be prepared to detail how the performance outcomes, commitments and mitigation measures specified in the documents listed in Condition A1 will be implemented and achieved during construction.	This CEMP Section 1.2, first paragraph Section 3.6 Relevant CEMP Sub-Plan(s)
C2	The CEMP must provide:	Section 2.1 Section 2.3 Section 2.4
	(a) a description of activities to be undertaken during construction (including the scheduling of construction);	Section 2.1 Section 2.3 Section 2.4
	(b) details of environmental policies, guidelines and principles to be followed in the construction of the SSI;	Section 3.3 Section 3.4 Section 3.5 Section 3.6
	(c) a program for ongoing analysis of the key environmental risks arising from the activities described in subsection (a) of this condition, including an initial risk assessment undertaken prior to the commencement of construction of the SSI;	Section 3.2 Appendix A3
	(d) details of how the activities described in subsection (a) of this condition will be carried out to: (i) meet the performance outcomes stated in the documents listed in Condition A1 ; and (ii) manage the risks identified in the risk analysis undertaken in subsection (c) of this condition;	Section 3.2-3.7 Appendix A1 Appendix B1-B9 (CEMP Sub-Plans)
	(e) an inspection program detailing the activities to be inspected and frequency of inspections;	Section 8.1

CoA	Requirement	Reference																								
	(f) a protocol for managing and reporting any: (i) incidents; and (ii) non-compliances with this approval or statutory requirements;	Chapter 7 Section 8.3 Chapter 10																								
	(g) procedures for rectifying any non-compliance with this approval identified during compliance reporting and auditing, incident management or at any time during construction;	Chapter 10																								
	(h) a list of all the CEMP Sub-plans required in respect of construction, as set out in Condition C4 . Where staged construction of the SSI is proposed, the CEMP must also identify which CEMP Sub-plan applies to each of the proposed stages of construction;	Section 3.1.1 Section 2.2																								
	(i) a description of the roles and environmental responsibilities for relevant employees and their relationship with the ER ;	Section 4.1 Section 4.1.2 Section 4.1.4																								
	(j) for training and induction for employees, including contractors and sub-contractors, in relation to environmental and compliance obligations under the terms of this approval; and	Chapter 5																								
	(k) for periodic review and update of the CEMP and all associated plans and programs.	Section 1.6																								
C3	The CEMP must be endorsed by the ER and then submitted to the Planning Secretary for approval no later than one month before the commencement of construction.	Section 1.4																								
C4	The following CEMP Sub-plans must be prepared in consultation with the relevant public authorities identified for each CEMP Sub-plan: Table 3: CEMP Sub-plan and relevant public authorities <table border="1"> <thead> <tr> <th></th><th>Required CEMP Sub-plan</th><th>Relevant public authorities to be consulted for each CEMP Sub-plan</th></tr> </thead> <tbody> <tr> <td>(a)</td><td>Traffic and transport</td><td>Relevant council and Health Administration Corporation</td></tr> <tr> <td>(b)</td><td>Noise and vibration</td><td>Relevant council and Health Administration Corporation</td></tr> <tr> <td>(c)</td><td>Flora and Fauna</td><td>DPI Fisheries and Relevant council</td></tr> <tr> <td>(d)</td><td>Air quality</td><td>Relevant council and Health Administration Corporation</td></tr> <tr> <td>(e)</td><td>Soil and water</td><td>Relevant council, DPI Fisheries and DPE Water,</td></tr> <tr> <td>(f)</td><td>Aboriginal cultural heritage</td><td>Heritage NSW and Registered Aboriginal Parties</td></tr> <tr> <td>(g)</td><td>Flood management</td><td>Relevant council</td></tr> </tbody> </table>		Required CEMP Sub-plan	Relevant public authorities to be consulted for each CEMP Sub-plan	(a)	Traffic and transport	Relevant council and Health Administration Corporation	(b)	Noise and vibration	Relevant council and Health Administration Corporation	(c)	Flora and Fauna	DPI Fisheries and Relevant council	(d)	Air quality	Relevant council and Health Administration Corporation	(e)	Soil and water	Relevant council, DPI Fisheries and DPE Water,	(f)	Aboriginal cultural heritage	Heritage NSW and Registered Aboriginal Parties	(g)	Flood management	Relevant council	Section 1.3
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(g)	Flood management	Relevant council																								
C5	The CEMP Sub-plans must state how: (a) the environmental performance outcomes identified in the documents listed in Condition A1 and terms of this approval will be achieved; (b) the mitigation measures identified in the documents listed in Condition A1 and terms of this approval will be implemented; (c) the relevant terms of this approval will be complied with; and (d) issues requiring management during construction, as identified through ongoing environmental risk analysis, will be managed.	Appendix B1-B9 (CEMP Sub-Plans)																								
C6	The CEMP Sub-plans must be developed in consultation with the relevant public authorities specified in Table 3 . Details of all information requested	Section 1.3																								

CoA	Requirement	Reference															
	by an authority to be included in a CEMP Sub-plan as a result of consultation, including copies of all correspondence from those authorities, must be provided with the relevant CEMP Sub-Plan .																
C7	Any of the CEMP Sub-plans may be submitted along with, or subsequent to, the submission of the CEMP but in any event, no later than one (1) month before construction for approval by the Planning Secretary.	Section 1.4															
C8	Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary, or as otherwise agreed by the Planning Secretary. The CEMP and CEMP Sub-plans , as approved by the Planning Secretary, including any minor amendments approved by the ER must be implemented for the duration of construction. Where construction of the SSI is staged, construction of a stage must not commence until the CEMP and sub-plans for that stage have been approved by the Planning Secretary.	Section 1.4															
CONSTRUCTION MONITORING PROGRAMS																	
C9	The following Construction Monitoring Programs must be prepared in consultation with the relevant public authorities identified for each to compare actual performance of construction of the SSI against the performance predicted in the documents listed in Condition A1 or in the CEMP. Table 4: Construction Monitoring and relevant public authorities <table border="1"> <thead> <tr> <th></th><th>Required Construction Monitoring Programs</th><th>Relevant public authorities to be consulted for each Construction Monitoring Program</th></tr> </thead> <tbody> <tr> <td>(a)</td><td>Surface and Ground Water Quality</td><td>DPI Fisheries, DPE Water and Relevant council</td></tr> <tr> <td>(b)</td><td>Air Quality</td><td>Relevant council and Health Administration Corporation</td></tr> <tr> <td>(c)</td><td>Noise and vibration</td><td>Relevant council and Health Administration Corporation</td></tr> <tr> <td>(e)</td><td>Flora and fauna</td><td>DPI Fisheries and Relevant council</td></tr> </tbody> </table>		Required Construction Monitoring Programs	Relevant public authorities to be consulted for each Construction Monitoring Program	(a)	Surface and Ground Water Quality	DPI Fisheries, DPE Water and Relevant council	(b)	Air Quality	Relevant council and Health Administration Corporation	(c)	Noise and vibration	Relevant council and Health Administration Corporation	(e)	Flora and fauna	DPI Fisheries and Relevant council	The Construction Monitoring Programs required under CoA C9 (a), (b) and (e) have been prepared separately to the CEMP by TfNSW and approved by the Planning Secretary. As permitted by CoA C15, the remaining Construction Monitoring Program under CoA C9(c) Noise and Vibration has been incorporated into Appendix B2 Noise and Vibration Management Sub-Plan.
	Required Construction Monitoring Programs	Relevant public authorities to be consulted for each Construction Monitoring Program															
(a)	Surface and Ground Water Quality	DPI Fisheries, DPE Water and Relevant council															
(b)	Air Quality	Relevant council and Health Administration Corporation															
(c)	Noise and vibration	Relevant council and Health Administration Corporation															
(e)	Flora and fauna	DPI Fisheries and Relevant council															
C10	Each Construction Monitoring Program must provide: (a) details of baseline data available; (b) details of baseline data to be obtained and when; (c) the parameters of the project to be monitored; (d) the frequency of monitoring to be undertaken; (e) the location of monitoring; (f) the reporting of monitoring results; (g) procedures to identify and implement additional or alternative mitigation measures where results of monitoring are unsatisfactory; and (h) any consultation to be undertaken in relation to the monitoring programs.	Refer to the Construction Monitoring Programs as outlined above.															
C11	The Construction Monitoring Programs must be developed in consultation with the relevant public authorities specified in Table 4 . Where an authority's request(s) has not been included in the Monitoring Program, the Proponent must provide justification to the Planning Secretary as to why it was not included. Details of all information requested by an authority	Refer to the Construction Monitoring Programs as outlined above.															

CoA	Requirement	Reference
	including copies of all correspondence from those authorities, must be provided with the relevant Construction Monitoring Program .	
C12	The Construction Monitoring Programs must be endorsed by the ER and then submitted to the Planning Secretary for approval at least one (1) month before the commencement of construction.	Section 1.4
C13	Construction must not commence until the Planning Secretary has approved, or as otherwise agreed by the Planning Secretary, all the required Construction Monitoring Programs , and all relevant baseline data for the specific construction activity has been collected.	Section 1.4 Construction Monitoring Programs required under CoA C9 (a), (b) and (e) Appendix B2 Noise and Vibration Management Sub-Plan.
C14	The Construction Monitoring Programs , as approved by the Planning Secretary including any minor amendments approved by the ER must be implemented for the duration of construction and for any longer period set out in the monitoring program or specified by the Planning Secretary, whichever is the greater.	Section 1.4
C15	The results of the Construction Monitoring Programs must be submitted to the Planning Secretary, and relevant public authorities for information, in the form of a Construction Monitoring Report at the frequency identified in the relevant Construction Monitoring Program . Where a relevant CEMP Sub-plan exists, the relevant Construction Monitoring Program may be incorporated into that CEMP Sub-plan .	Chapter 9 Table 4, Item No. 6.

1.3. Consultation for preparation of this CEMP

In accordance with the requirements of CoA C4 the CEMP Sub-Plans have been prepared in consultation with the relevant public authorities and parties, including:

- City of Newcastle (for the TTMP, NVMP, FFMP, AQMP, SWMP and FMP)
- DPE Water (SWMP)
- DPI Fisheries (FFMP, SWMP)
- Health Administration Corporation (NVMP, AQMP and TTMP)
- Heritage NSW (ACHMP)
- Registered Aboriginal Parties (RAPs) (ACHMP)

A summary of the key issues raised by the relevant public authorities and parties is included in Section 1.4 of the relevant Sub-Plan.

In accordance with the requirements of CoA A5, evidence of the consultation undertaken during preparation of the CEMP, including copies of all correspondence, is provided in Appendix A5.

Consultation will continue throughout the construction phase of the Project with the relevant public authorities in accordance with the Community Communication Strategy (CCS).

1.4. CEMP approval

The CEMP (including CEMP Sub-Plans) must be endorsed by the ER and then submitted to the Planning Secretary for approval no later than one month before the commencement of construction (refer CoA C3).

Any of the CEMP Sub-Plans may be submitted along with, or subsequent to, the submission of the CEMP but in any event, no later than one (1) month before construction for approval by the Planning Secretary (refer CoA C7).

In accordance with the requirements of CoA C8, construction must not commence until the CEMP (including CEMP Sub-Plans) have been approved by the Planning Secretary, or as otherwise agreed by the Planning Secretary. The CEMP (including CEMP Sub-Plans), as approved by the Planning Secretary, including any minor amendments approved by the ER must be implemented for the duration of construction. Where construction of the SSI is staged, construction of a stage must not commence until the CEMP (including CEMP Sub-Plans) for that stage have been approved by the Planning Secretary.

It is noted that the noise and vibration Construction Monitoring Program required under CoA C9(c) has been incorporated into the 'relevant CEMP Sub-Plan', being the NVMP, as permitted by CoA C15. Therefore, Planning Secretary approval of the NVMP also constitutes approval of the noise and vibration Construction Monitoring Program. The other Construction Monitoring Programs required under CoA C9 have already been prepared separately to the CEMP (by TfNSW) and approved by the Planning Secretary.

1.5. Distribution

This CEMP is available to all personnel and subcontractors via the project document control management system.

An electronic copy of this CEMP will be made available for public inspection on the Project website. Confidential information, which may include the location of threatened species, Aboriginal objects or places and personal contact details, will be removed from all documents provided or made available to the public.

The document is uncontrolled when printed. One controlled hard copy of the CEMP and supporting documentation will be maintained by the Quality Manager at the Project office.

Registered copies will be distributed to:

- TfNSW
- The ER
- The Project Verifier (PV)
- Project Director
- Environmental Manager, and
- Community Relations Manager.

1.6. Revision

A document review process is implemented to ensure that environmental documentation, including this CEMP and Sub-Plans, are updated as appropriate for the specific works occurring on site. Periodic review of the CEMP (including Sub-Plans) will be undertaken at least annually as a result of any of the following:

- The management review process described in Section 11.1
- When there is a change in the scope of the project that requires a change in environmental controls
- When there is a need to improve performance in an area of environmental impact
- At the completion of environmental audits as required, and
- As a result of changes in environmental legislation applicable and relevant to the project.

Following periodic review of the CEMP, should any issues or items within the CEMP need updating, it is the responsibility of the Environmental Manager or Environmental Coordinator to prepare the revised document(s).

The revised document will then be issued to TfNSW and the ER for approval of the changes. In accordance with CoA A26(j), the ER can approve 'minor' amendments to the CEMP and Sub-Plans. Minor amendments would typically include those that:

- Are editorial in nature e.g. typographical or cross-referencing errors, staff and agency/authority name changes, or

- Do not increase the magnitude of impacts on the environment when considered individually or cumulatively, or
- Do not compromise the ability of the Project to meet approval or legislative requirements.

Where the amendment is not 'minor', the revised CEMP/ Sub-plan(s) will be submitted to the Planning Secretary for approval.

Revised versions of the CEMP will be made available through the distribution process described in Section 1.5.

1.7. Changes to the project

Refinements to the project may result from detailed design refinement or changed circumstances throughout construction.

The Environmental Manager is responsible for incorporating any new environmental impact and/or new statutory approval requirements into the appropriate environmental management documentation.

Any design changes or changes in scope of works that may not be consistent with the approved project must be communicated to the Environmental Manager. The Environmental Manager or Environmental Coordinator will then consult with TfNSW and the ER to determine if a consistency assessment is required. Discussions may provide adequate information without the need for preparation of a consistency assessment.

In accordance with the requirements of CoA A27(b), a copy of all consistency assessments will be provided to the ER for review before commencement of the subject work.

Consistency assessments will be submitted to TfNSW for review and approval before commencement of the subject work.

Should a consistency assessment determine that a proposed change is not consistent with the approved project (i.e. the impact is of a nature and scale that it is not considered consistent with the project approval), either a modification application or a new project application will be required if the decision is made to proceed with the proposed change. If a modification is required, both TfNSW and the ER will be informed immediately and a modification application will be prepared and submitted to the Planning Secretary for determination. If a new project application is required, both TfNSW and the ER will be informed immediately and next steps discussed between the parties.

2. Project overview

2.1. Project description

The project comprises the design and construction of about 3.4 kilometres of new four lane divided road as the fifth section of the Newcastle Inner City Bypass (NICB) between Lookout Road, New Lambton Heights and Newcastle Road, Jesmond.

The project is located in the Newcastle local government area, about 11 kilometres west of the Newcastle central business district and about 160 kilometres north of Sydney. The location of the project in the region is shown in Figure 1.

Key features of the project include:

- New road with two lanes in each direction, separated by a median
- Three interchanges, consisting of:
 - Northern interchange providing access to Newcastle Road and the existing Jesmond to Shortland section of the Newcastle Inner City Bypass. The full interchange provides all movements to/from the bypass and Newcastle Road
 - Hospital interchange providing access between the John Hunter Hospital precinct and the bypass. The full interchange provides all movements to/from bypass and Newcastle Road
 - Southern interchange providing access to Lookout Road and the existing Kotara to Rankin Park section of the Newcastle Inner City Bypass. The bypass would travel under McCaffrey Drive. The half interchange provides connection in both directions on Lookout Road
- Structures along the road to allow for drainage, animal and bushwalker access
- Tie in and upgrades to connecting roads, including Lookout Road, McCaffrey Drive and Newcastle Road
- Large cut and fill embankments due to steep and undulating terrain
- Pedestrian and cycling facilities, including a shared path bridge at the Northern Interchange
- Noise barriers
- Permanent operational water quality treatment measures.

The key features of the Project are shown in Figure 2.

Construction Environmental Management Plan

Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)



Figure 1: Location of the Project in the region

Construction Environmental Management Plan

Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)

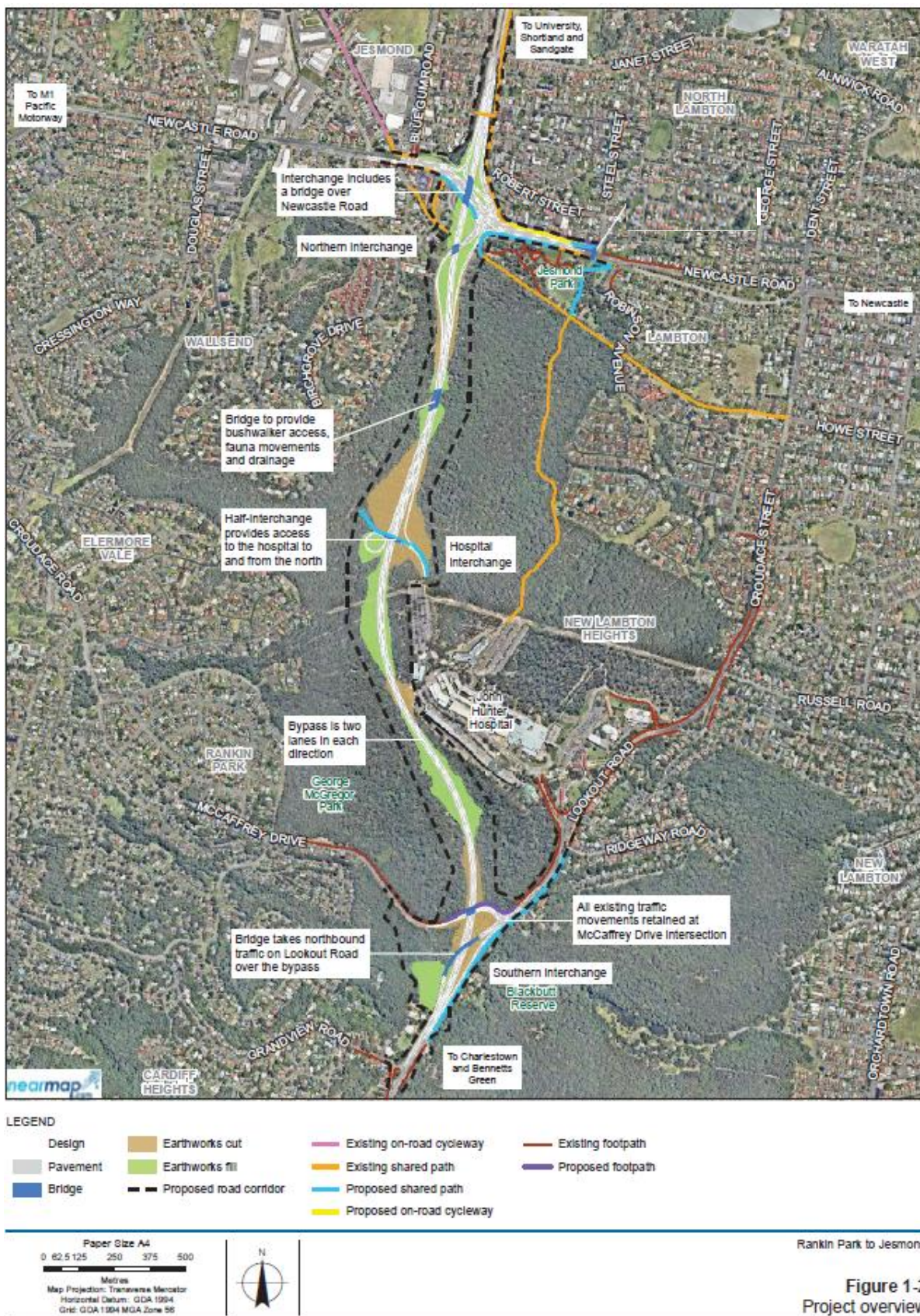


Figure 2: Key features of the Project (as amended to exclude the shared path bridge over Newcastle Road completed by another contractor as part of Stage 2) (EIS, p4)

2.2. Staging

The overall SSI 6888 is proposed to be constructed and operated in stages in the context of CoA A10 – A13.

In accordance with the 'Staging Report Newcastle Inner City Bypass - Rankin Park to Jesmond' (TfNSW, July 2022) the whole of the SSI 6888 will be constructed in two separate stages under two separate construction contracts:

- Stage 2 – Shared path bridge over Newcastle Road, and
- Stage 4 – Main works.

Stage 2 - Shared path bridge over Newcastle Road was completed by another contractor in 2021 and does not form part of the scope of this CEMP.

Stage 4 - Main works includes the project works and will be delivered by Fulton Hogan in accordance with this CEMP (including Sub-Plans). In relation to CoA C2(h), Stage 4 triggers the requirement for all Sub-Plans listed under CoA C4.

Upon approval of this Stage 4 - Main works CEMP (including Sub-Plans), all existing low impact work will become "Construction" as defined in the Project Approval and will be managed pursuant to this CEMP.

In accordance with the 'Staging Report Newcastle Inner City Bypass - Rankin Park to Jesmond' (TfNSW, July 2022), Stages 1 and 3 involve early works and the southern interchange utilities relocation respectively. The work carried out under Stages 1 and 3 does not form part of the scope of this CEMP.

2.3. Indicative program

Construction of the project is expected to start in early 2023. An indicative program (based on dry weather) is provided in Figure 3.

ID	Activity	2022			2023				2024				2025				2026		
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	Enabling Works																		
2	Relocation and Protection of Services																		
3	Site Establishment																		
4	Bulk Earthworks																		
5	Drainage Works																		
6	Bridge Construction																		
7	Pavement Works																		
8	Road Furniture																		
9	Retaining Walls, Noise Walls																		
10	Landscaping and Restoration																		
11	Finishing Works, Demobilisation																		

Figure 3: Indicative program of construction works (based on dry weather)

2.4. Indicative schedule of activities

The indicative schedule of the various activities is provided in Table 2.

Table 2: Indicative schedule of activities

Component	Typical activities
Enabling Works	- Progressive installation of environmental controls - Progressive installation of temporary and permanent fencing - Conduct pre-clearing assessments - Pre-construction surveys and inspections - Non-Aboriginal heritage salvage - Geotechnical investigations - Service investigations - Site survey - Installation of temporary traffic barriers - Adjustment of traffic control signals - Pre-condition surveys - Clearing
Relocation and Protection of Services	- Gas main protection works - Water main relocations - Sewer main relocations - Electrical relocation - Telecommunications infrastructure relocations
Site establishment	- Installation of initial environmental controls - Installation of temporary traffic barriers - Establishment of construction site facilities and access
Bulk Earthworks	- Stripping topsoil and stockpiling it for reuse in landscaping - Embankment foundation or soft soils treatments, such as the installation of bridging layers and drainage blankets - The installation of settlement monitoring devices and equipment. - Excavation of cuttings, including the processing, stockpiling, haulage of material, rock hammering and blasting activities - Stabilisation of cut batters including soil nailing and shotcreting - Construction of embankments, including foundation drainage
Drainage Works	- Installation of cross-drainage, including culverts, inlet / outlet works and scour protection works - Temporary channel diversions - Construction of subsurface drainage - Installation of longitudinal and vertical drainage in cuttings and embankments.
Bridge Construction	- Additional geotechnical works - Establishment of bridge work compounds - Installation of rock caissons or cofferdams or temporary access roads/ platforms across waterways - Installation of bridge foundations - Construction of bridge abutments and piers - Construction of bridge superstructure including deck and pavement work - Construction of scour protection within waterways
Pavement Works	- Construction of base and select layers of materials - Construction of pavement layers - Construction of pavement drainage, including kerb and gutter - Construction and adjustment of property access pavements
Road Furniture	- Installation of signage - Installation of structural signs, including piling and concrete footings - Installation of fauna crossings, including footings, posts and crossing structures - Line marking

Component	Typical activities
	- Installation and commissioning of traffic control signals - Construction of safety barriers, including concrete barriers, wire rope fencing and guardrails
Retaining walls and noise walls	- The installation of pile footings - Construction of concrete capping / footing beams - The installation of noise walls panels - The installation of pre-cast concrete panels
Landscaping and Restoration	- Reuse of topsoil - Planting of plants and seeding disturbed areas with native and cover crops species (note this will take place throughout construction as elements of the work are complete where ongoing disturbance is not anticipated).
Finishing Works, Demobilisation.	- Electrical and signage testing - Commissioning and final checks - Remove construction environmental controls - Opening of roads to traffic - Decommissioning of construction facilities - Removal of temporary site facility buildings and containers - Removal of temporary hard-stand and access pavements - Remove environmental controls - Reinstatement of disturbed areas - Post-construction surveys and inspections

2.5. Ancillary facilities

Temporary ancillary facility sites are required to support construction of the project. An ancillary facility is defined in the project approval as:

'A temporary facility for construction of the SSI including an office and amenities compound, construction compound, material crushing and screening plant, batch plant, materials storage compound, maintenance workshop, testing laboratory and material stockpile area.'

Note: where an approved CEMP contains a stockpile management protocol, a material stockpile area located within the construction boundary is not considered to be an ancillary facility'

2.5.1. Ancillary facilities identified in the EIS as amended by the documents listed in CoA A1

The EIS identified three potential locations for ancillary facilities (referred to as construction compounds A, B and C). Following exhibition of the EIS and further review of constructability issues for the project, three additional ancillary facility were proposed within the SPIR (referred to as construction compounds D, E and F). An additional three potential ancillary facilities were approved as part of the Modification 1 Submissions Report (referred to as Lookout Road site, Cardiff Road site and Peatties Road site).

The potential ancillary facilities identified in the EIS as amended by the documents listed in CoA A1 are shaded purple in Figure 4. The figure has been annotated to acknowledge that Fulton Hogan does not intend on using construction compounds A, D, and E; nor the Cardiff Road site, or Peatties Road site.

For the avoidance of doubt:

- The Astra Street site proposed as part of the Modification 1 Report was no longer proposed to be used as part of the Modification 1 Submissions Report.
- Fulton Hogan does not intend on using construction compound A. It is noted that access to construction compound A is pending works being completed in relation to the John Hunter Health and Innovation Precinct (JHHIP) (SSD 9351535). Establishment of construction compound A will be dependent on the date of handover and progress in other work areas. In the event that construction compound A is proposed to be used in the future, this CEMP (including relevant Sub-Plans) will be updated and additional consultation undertaken as required.

- Fulton Hogan does not intend on using construction compounds D and E, nor the Cardiff Road site, or Peatties Road site. As a result, the potential impacts associated with the use of these sites are no longer applicable to the delivery of the project. In the unlikely event that any of these sites are proposed to be used, this CEMP (including relevant Sub-Plans) will be updated and additional consultation undertaken as required.
- Of the nine (9) potential locations for ancillary facilities identified in the EIS as amended by the documents listed in CoA A1, four (4) are proposed for use including:
 - construction compound B – located on the eastern site of the northern interchange.
 - construction compound C – located on the western site of the northern interchange.
 - construction compound F – located at the intersection of McCaffrey Drive and Lookout Drive.
 - Lookout Road site – located to the north of the water tower, north of Grandview Avenue

Ancillary facilities will be established and managed in accordance with the Ancillary Facility Establishment Management Plan (AFEMP) required under CoA A15. The AFEMP will be submitted to the Planning Secretary for approval one (1) month before the establishment of any construction ancillary facilities.

Construction Environmental Management Plan

Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)

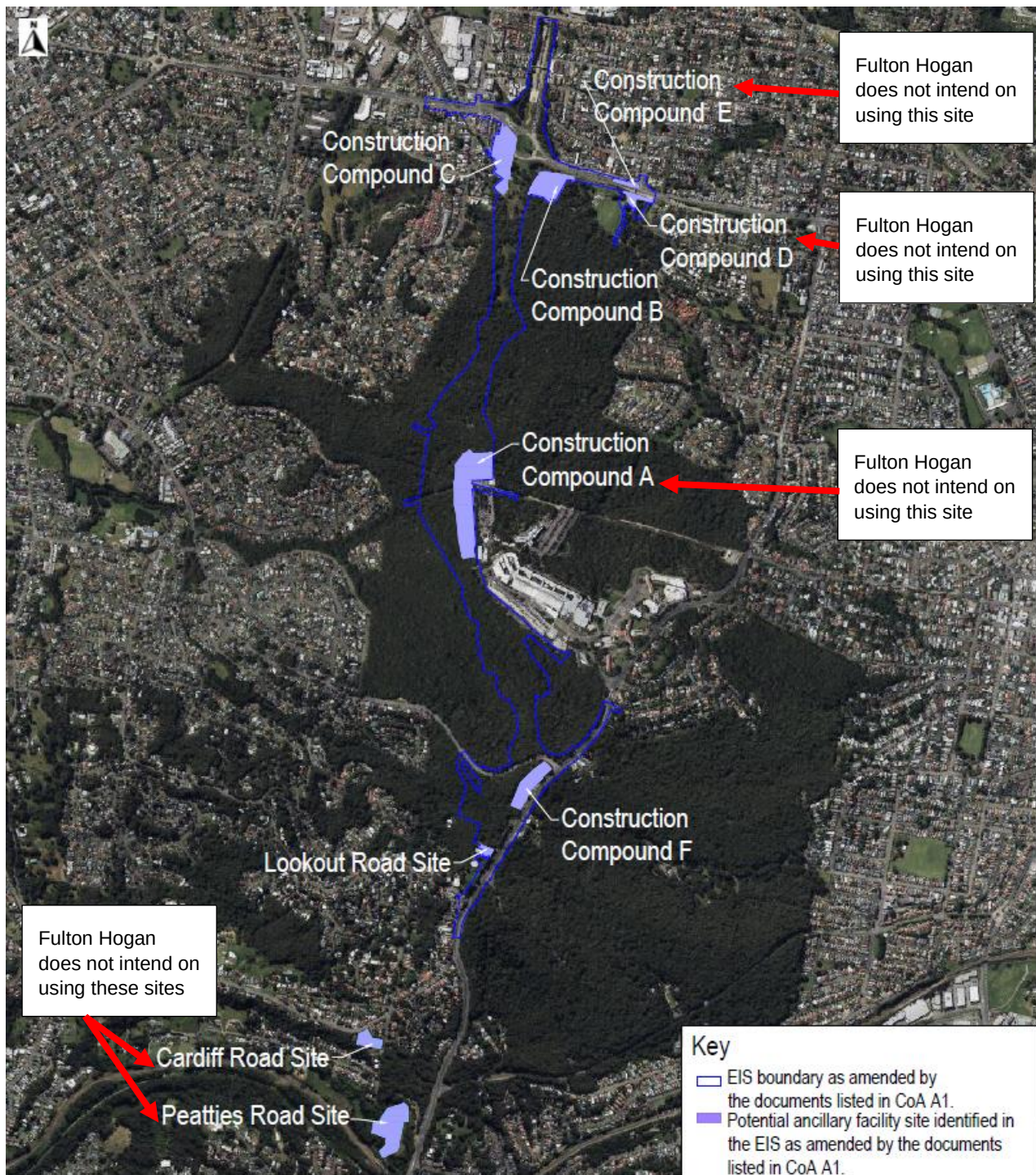


Figure 4: Potential ancillary facility sites identified in the EIS as amended by the documents listed in CoA A1

2.5.2. Ancillary facilities not identified in the EIS as amended by the documents listed in CoA A1

Ancillary facilities not identified in the EIS as amended by the documents listed in CoA A1 can only be established and used in each case if they satisfy the requirements of CoA A14(a) – (d).

Ancillary facilities will be established and managed in accordance with the Ancillary Facility Establishment Management Plan (AFEMP) required under CoA A15.

It is noted that CoA A14 does not apply to any ancillary facilities located outside of the project boundary that are permissible under a State Environmental Planning Policy (SEPP), such as SEPP (Transport and Infrastructure) 2021.

Refer to the process shown in Figure 5.

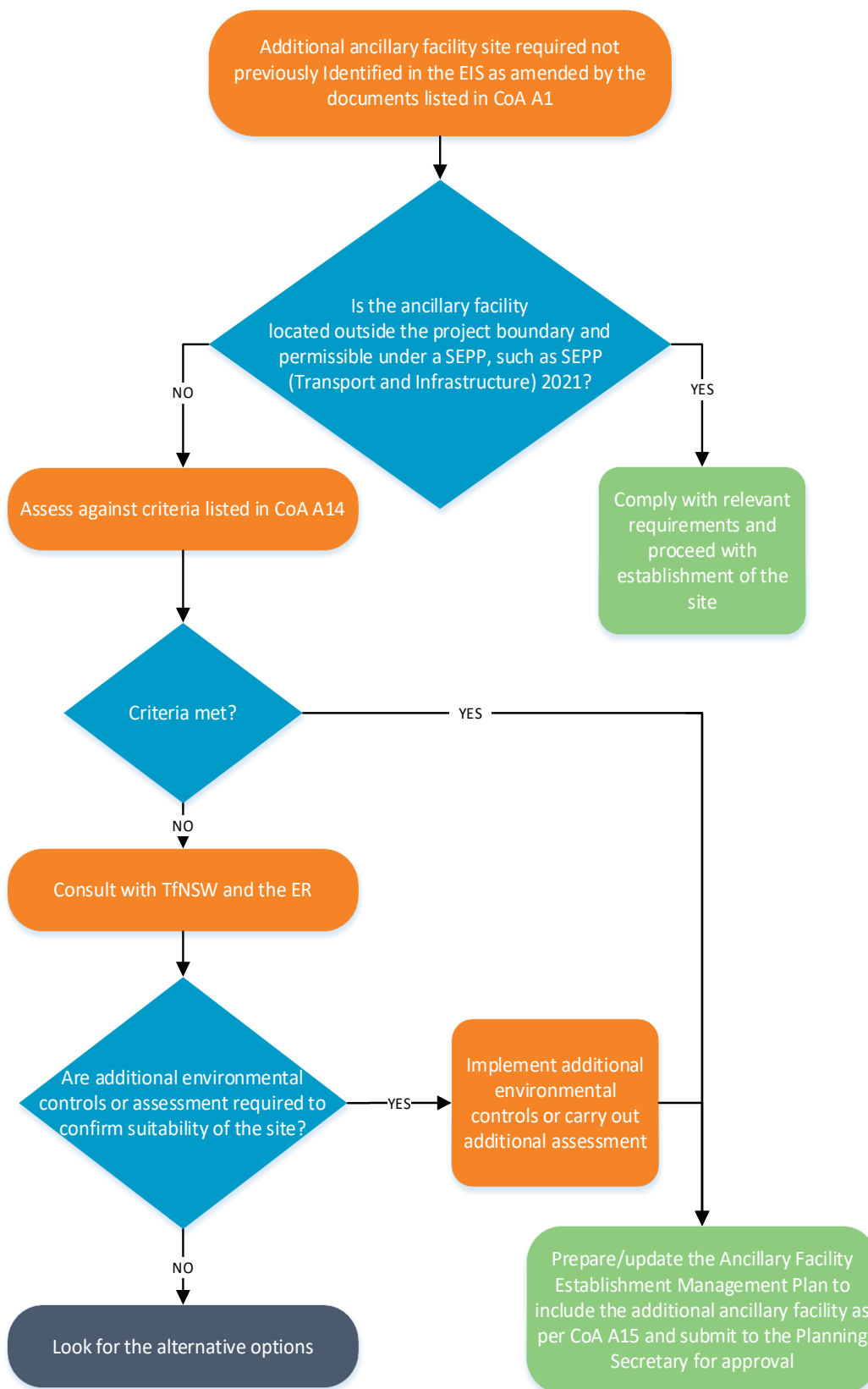


Figure 5: Process for assessment and approval of additional ancillary facility sites not identified in the EIS as amended by the documents listed in CoA A1

2.5.3. Minor ancillary facilities

A number of minor ancillary facilities, such as lunch sheds, office sheds, and portable toilet facilities, material storage, parking and the like, will also be required to support construction activities during the delivery of the Project. These will be located within the active construction zone within the approved project boundary. Since the location and nature of minor ancillary facilities is subject to frequent change throughout construction they are not included in the AFEMP. Instead, minor ancillary facilities will be managed during construction in accordance with this CEMP (including relevant Sub-Plans).

Minor ancillary facilities not identified in the EIS as amended by the documents listed in CoA A1 and which do not satisfy the criteria set out in CoA A14 must satisfy the criteria set out in CoA A19(a) and (b). Minor ancillary facilities must be assessed by the ER to comply with CoA A19(a) and (b) before establishment.

2.6. Location and management of temporary stockpile sites

Temporary stockpiles will be required during construction to store materials for construction or materials generated from within the construction site, which may include but not necessarily be limited to:

- Road base constituents
- Stripped topsoil
- Pre-cast concrete components
- Excavated material to be used in fill embankments and other design features
- Excavated material unsuitable for reuse in the formation
- Crushed rock
- Excess concrete, pavement, rock, steel and other material stored for either future use in the project or prior to removal from site, and
- Topsoil, mulch, excess timber for landscaping and revegetation works.

Stockpiles will be located and managed in accordance with the criteria contained in the Stockpile management protocol (refer to Appendix H of the SWMP). The protocol states that the mitigation measures identified in the relevant Sub-Plan(s) will be implemented to minimise or avoid impacts of stockpiles on the environment.

3. Planning

3.1. Environmental management documentation

This CEMP is the overarching management plan for a suite of environmental management documents for the project as shown in Figure 6.

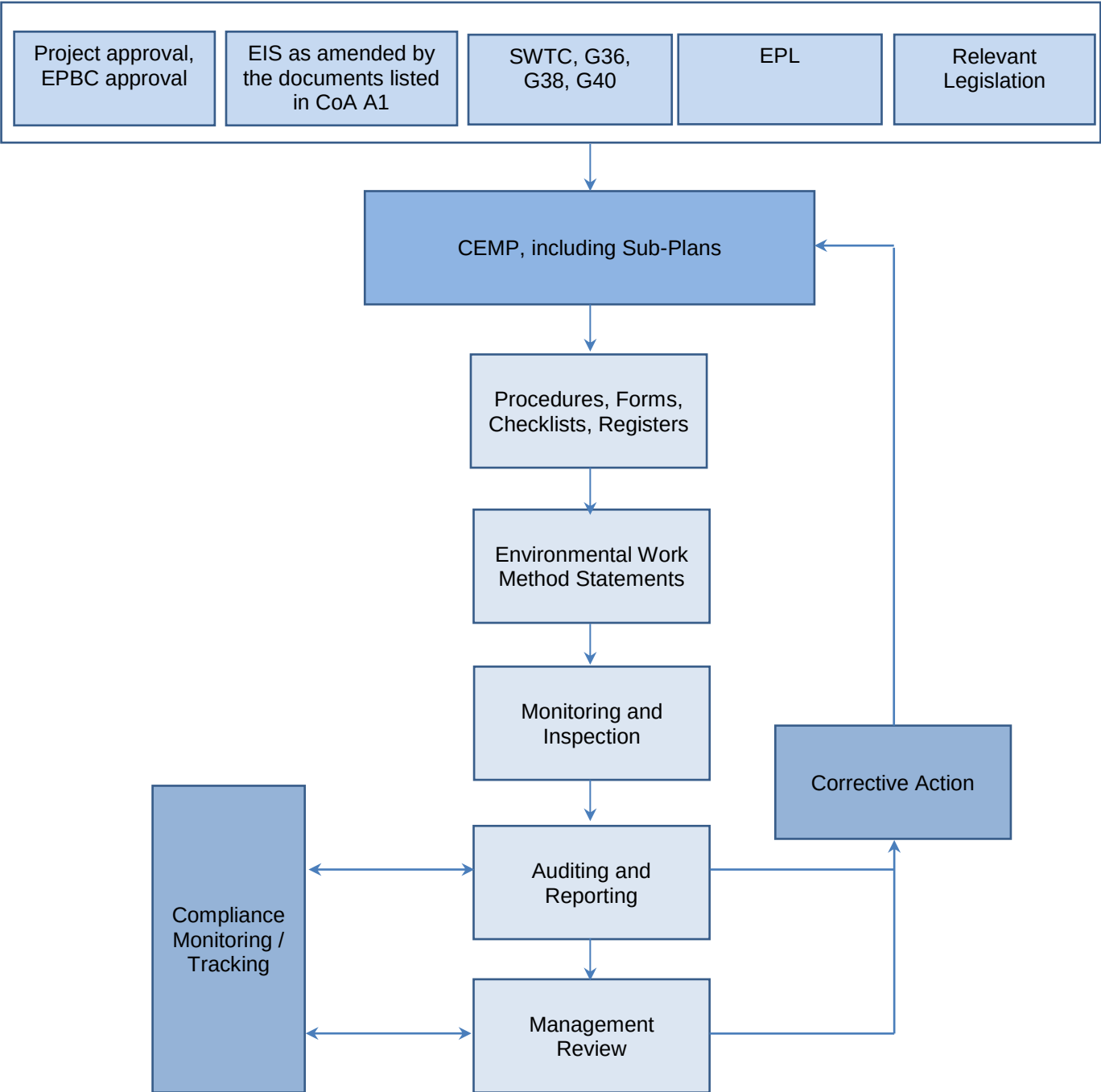


Figure 6: Environmental management system structure

3.1.1. CEMP Sub-Plans

A list of the CEMP Sub-Plans required in respect of construction is provided below.

- Appendix B1 Flora and Fauna Management Sub-Plan (FFMP)
- Appendix B2 Noise and Vibration Management Sub-Plan (NVMP)
- Appendix B3 Soil and Water Management Sub-Plan (SWMP)
- Appendix B4 Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)
- Appendix B5 Air Quality Management Sub-Plan (AQMP)
- Appendix B6 Flood Management Sub-Plan (FMP)
- Appendix B7 Waste and Energy Management Sub-Plan (WEMP)
- Appendix B8 Traffic and Transport Management Sub-Plan (TTMP)
- Appendix B9 Non-Aboriginal Heritage Management Sub-Plan (NAHMP)

It is noted that Appendix B7 Waste and Energy Management Sub-Plan and Appendix B9 Non-Aboriginal Heritage Management Sub-Plan are not required under CoA C4 and therefore do not require approval by the Planning Secretary.

3.1.2. Procedures, forms, checklists, registers and other documents

The Project's environmental management system procedures, forms, checklists, registers and other documents provide instructions and records related to environmental activities. These documents are developed and continually improved throughout the delivery of the project.

3.2. Environmental risk assessment

An initial risk assessment has been undertaken prior to commencement of construction as part of Environmental aspects and impacts and risk assessment register as outlined in Section 3.2.1. A program for ongoing analysis of the key environmental risks will occur for the duration of the project to ensure compliance with environmental protection requirements. This will occur using a range of tools, including:

- an initial environmental risk assessment undertaken once before the commencement of construction (refer Section 3.2.1)
- an environmental risk assessment workshop (refer to Section 3.2.2)
- review of the CEMP (refer to Section 1.6)
- EWMS development (refer to Section 3.7)
- environmental inspections (refer to Section 8.1)
- environmental monitoring (refer to Section 8.2)
- auditing (refer to Section 8.4), and
- compliance tracking (refer to Section 8.3).

3.2.1. Environmental aspects and impacts and risk assessment register

A risk management approach is used to determine the severity and likelihood of an activity's impact on the environment and to prioritise its significance. This process considers potential regulatory and legal risks as well as taking into consideration the concerns of the community and other key stakeholders.

The objectives of the risk assessment are to:

- Identify activities, events or outcomes that have the potential to adversely affect the local environment and/or human health/property
- Qualitatively evaluate and categorise each risk item
- Assess whether risk issues can be managed by environmental mitigation measures
- Qualitatively evaluate residual risk with implementation of mitigation measures.

An initial risk assessment has been carried out to inform the Environmental aspects and impacts and risk assessment register contained in Appendix A3. This risk assessment will be reviewed regularly and updated where there is a change of activities not covered in the risk assessment. The risk assessment will also be updated as a response to observed issues, non-conformances and corrective actions which occur as a result of construction. The risk assessment is intended to be a live document which is used to guide risk management during construction.

The risk assessment will be updated as part of the CEMP revision process outlined in Section 1.6 to ensure it remains relevant for the duration of the project. In addition, the risk assessment will be reviewed during the environmental risk assessment workshop as described below.

3.2.2. Environmental risk assessment workshop

An environmental risk assessment workshop was carried out before the start of construction on 30 August 2022 to identify the environmental risks associated with project activities. The risk assessment contained in Appendix A3 has been updated in response to the outcomes of the environmental risk assessment workshop.

3.3. Legal and other requirements

3.3.1. Register of legal and other requirements

A register of legal and other requirements for the project is contained in Appendix A1 Table A1-1. This register will be reviewed by the Environmental Manager prior to commencement of construction as part of the preparation of this CEMP and at least annually as part of management review (refer to Section 11.1), and updated with any applicable changes. Any changes made to the legal requirements register will be communicated to the wider team where necessary through toolbox talks, specific training and other methods detailed in Chapter 5 of this CEMP.

3.3.2. Approvals, permits and licences

Appendix A1 Table A1-2 contains a register of all relevant environmental licences, permits and approvals. The register will be maintained by the Environmental Manager and will be reviewed before the commencement of construction as part of the preparation of this CEMP and at least annually as part of the management review (refer to Section 11.1), and updated with any applicable changes.

3.3.3. TfNSW specifications

Appendix A1 Table A1-3 lists the requirements of the CEMP specified in G36 Annexure D and where each requirement is addressed in this CEMP. The table will be reviewed by the Environmental Manager prior to the commencement of construction as part of the preparation of this CEMP.

3.3.4. REMMs

Appendix A1 Table A1-4 lists the REMMs for the project and where each requirement is addressed in this CEMP or other project documentation. The REMMs relate to various environmental issues, including biodiversity; traffic and transport; noise and vibration; landscape character and visual impact; socio-economic, land use and property; flooding and drainage; soils, contamination and water quality; groundwater; Aboriginal heritage; non-Aboriginal heritage; air quality; resource use and waste management; hazards and risk; greenhouse gas and climate change; and cumulative impacts. The REMMs addressed in other project documentation generally include those related to landscape character and visual impact; socio-economic, land use and property; and hazards and risk. Table A1-4 will be reviewed by the Environmental Manager prior to the commencement of construction as part of the preparation of this CEMP.

Compliance with the abovementioned requirements will be undertaken through regular inspections, monitoring and auditing as described in Chapter 8.

3.4. Environmental policy, sustainability policy and environmental performance standards

The Environmental Policy describes Fulton Hogan's commitment to continual improvement in environmental performance and compliance with applicable legal requirements.

The Sustainability Policy describes the overall intentions and direction of Fulton Hogan related to its sustainability performance.

The environmental performance standards specify the level of performance required of all personnel and subcontractors to manage the environmental aspects of the project.

The environmental and sustainability policies and environmental performance standards are contained in Appendix A2. They are also displayed on the Fulton Hogan website and at the site office, and communicated to staff and other interested parties via inductions and ongoing awareness programs.

3.5. Environmental objectives and targets

Environmental objectives and targets have been established as a means of assessing environmental performance during the construction of the project. The objectives and targets are consistent with Fulton Hogan's environmental and sustainability policies and have been developed with consideration of the key issues identified through the environmental assessment and risk assessment process.

The performance of the project against the objectives and targets will be documented as part of compliance reporting and at least annually as part of the management review (refer to Section 11.1). Environmental objectives and targets for the project are provided in Table 3.

Table 3: Environmental objectives and targets

Objective	Target	Measurement Tool
Construct the Project in accordance with environmental approvals	Full compliance with statutory approvals	Audits, construction compliance reporting, management review
Compliance with all legal requirements	No regulatory infringements (penalty infringement notices or prosecutions).	Audits, construction compliance reporting, management review
Implement an EMS that meets the requirements of AS/NZS ISO 14001	Address non-conformances and corrective actions within nominated timeframes.	Audits, management reviews
Engage with the affected community, minimise complaints and respond to any complaints within an agreed timeframe	Disseminate regular project updates and other information through the project website and other tools identified in the Community Communication Strategy (CCS) Record and respond to complaints within the timeframe specified in the CCS	Review complaints register, construction compliance report, audits
Continuously improve environmental performance	Develop and maintain a program of ongoing environmental training. Capture lessons learnt from environmental incidents to minimise repeat issues. Encourage and reward innovation and effort throughout the workforce.	Construction compliance report, management review, audits

3.6. Environmental performance outcomes specified in the EIS

The EIS as amended by the documents listed in CoA A1 established the intended outcomes to be achieved by the project, known as environmental performance outcomes. The environmental performance outcomes relate to

various environmental issues, including biodiversity; noise; soil and water; Aboriginal cultural heritage; air quality; flooding; waste and energy; traffic; and non-Aboriginal heritage. How each environmental performance outcome will be implemented and achieved is detailed in the relevant CEMP Sub-Plan(s) or other relevant project documents.

3.7. Environmental work method statements

Environmental Work Method Statements (EWMS) are prepared to ensure sound environmental practices are implemented, including for high-risk construction activities that have the potential to adversely impact the environment. EWMS will be prepared prior to the commencement of particular construction activities and will incorporate relevant mitigation measures and controls from relevant Sub-Plans.

EWMS will be prepared progressively by engineering staff in the lead up to and throughout construction in consultation with relevant members from the project team.

The Environmental Manager will consult with TfNSW and the ER to determine which EWMS are high risk and require consultation with relevant authorities prior to being approved by TfNSW.

EWMS for activities identified as having high environmental risk will undergo a period of consultation with relevant authorities before approval. The Environmental Manager will forward the EWMS to TfNSW, the ER and to any relevant Authorities (for high risk activities), for review at least twenty (20) working days prior to commencement of the relevant activity. Proposed changes to EWMS will be advised to TfNSW, the ER and relevant authorities at least twenty (20) working days before being implemented, to allow adequate time for review. EWMS will be submitted to TfNSW and the ER under a hold point.

EWMS will be prepared for:

- Activities assessed as having residual high environmental risk (refer to Section 3.2.1 above) , including those identified through the environmental risk assessment workshop (refer to Section 3.2.2 above)
- Clearing and grubbing
- Topsoil stripping and earthworks, including handling, storage and disposal of excavated materials
- Service Works
- Working in or near waterways, including ephemeral creeks. Work is “near” a waterway when it occurs within 15 metres or less of the closest bank of the waterway.

The requirements of G36 Clause 4.13 regarding work in environmentally sensitive areas will be embedded into the abovementioned EWMS.

All construction personnel and subcontractors will be trained in the relevant EWMS, and will acknowledge that they have read and understood their obligations by signing an attendance record prior to commencing work.

Regular monitoring, inspections and auditing of compliance with the EWMS will be undertaken by project management and environment personnel to ensure that controls are implemented and any non-conformances are recorded and corrective actions are implemented.

3.8. Primary erosion and sediment control plan

The primary erosion and sediment control plan (ESCP) provides an overview of site conditions known at the time of preparation and the fundamental principles that will be followed in the planning and implementation of erosion and sediment control measures for the project. Only major primary controls are shown on the primary ESCP. The primary ESCP is intended as a preliminary, overarching, conceptual plan.

The primary ESCP for the project is contained in Appendix B3 Soil and Water Management Sub-Plan (SWMP).

3.9. Progressive erosion and sediment control plans

Progressive Erosion and Sediment Control Plans (PESCPs) are used in addition to the overarching primary ESCP (refer to Section 3.8) to identify the approximate location of erosion and sediment control structures within the

project site. They are produced for construction stages from initial vegetation clearing to rehabilitation, when erosion and sediment controls are no longer required and are removed. PESCPs will be developed and implemented prior to commencing activities at all works areas where there is a risk of erosion and sediment loss.

PESCPs may be produced in conjunction with EWMS to provide more detailed site-specific environmental mitigation measures.

PESCPs will be developed by Project Engineers and reviewed and approved by the Environmental Manager. The effectiveness of PESCPs will be reviewed during environmental inspections (refer to Section 8.1.1). For additional details, refer to the SWMP.

3.10. Sensitive area plans

The project traverses environmentally and socially sensitive areas. To assist pre-construction planning and on-site construction management, these areas are consolidated on a series of map-based sheets that extend the length of the project. Sensitive area plans may include the following information:

- Sensitive receivers, shown with an aerial view
- Flora and fauna features, including threatened species and threatened ecological communities
- Aboriginal and non-Aboriginal heritage sites, where relevant, and
- Local waterways.

The Sensitive Area Plans are included in Appendix A6. They are a working element of the CEMP and will be revised throughout construction to reflect true ground conditions and the most up-to-date information available on sensitive sites. Sensitive area plans will be used in conjunction with EWMS to help identify key risk areas and to promote ongoing communication to construction personnel during the project.

4. Implementation and operation

4.1. Resources, roles, responsibilities and authority

The key Fulton Hogan environmental management roles and responsibilities for the construction phase of the project and their relationship with the ER are described below. The structure of these roles is shown in Figure 7.

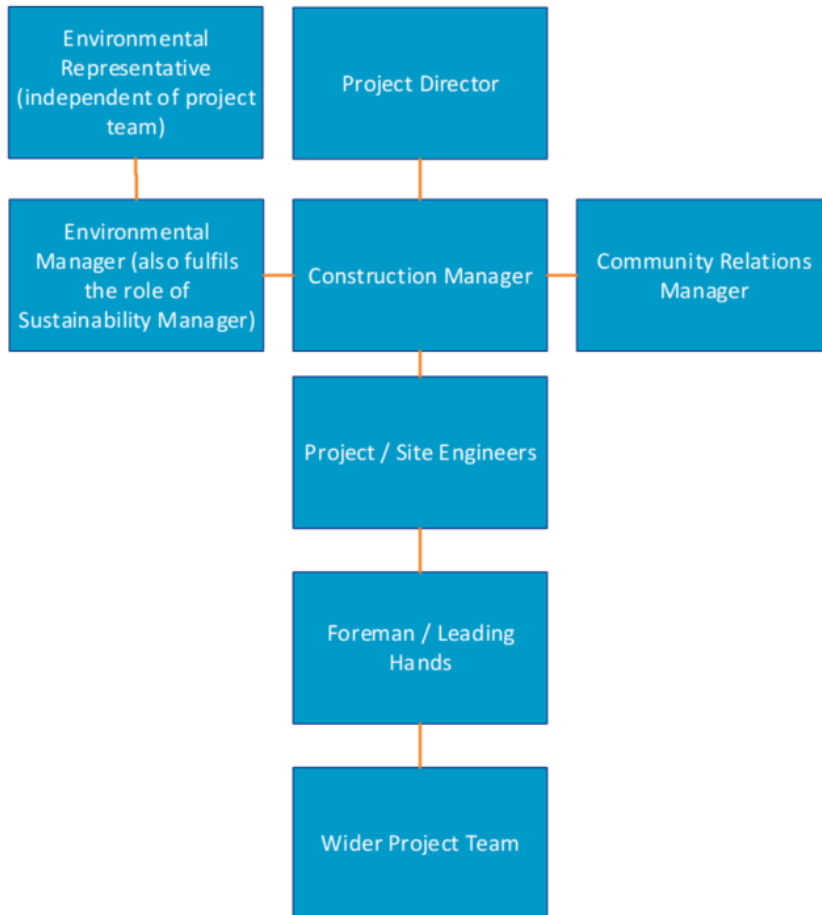


Figure 7: Project environmental management team structure and relationship with the ER

4.1.1. Environmental Representative

The environmental responsibilities of the ER as detailed in CoA A26 include:

- Receive and respond to communication from the Planning Secretary in relation to the environmental performance of the SSI
- Consider and inform the Planning Secretary on matters specified in the terms of the project approval
- Consider and recommend to TfNSW and Fulton Hogan any improvements that may be made to work practices to avoid or minimise adverse impacts to the environment and to the community
- Review documents identified in CoA C1, C4 and C9 and any other documents that are identified by the Planning Secretary, to ensure they are consistent with requirements in or under the project approval and make a written statement to this effect to the Planning Secretary
- Regularly monitor the implementation of the documents listed in CoA C1, C4 and C9 to ensure implementation is being carried out in accordance with the document and the terms of the project approval

- As may be requested by the Planning Secretary, help plan, attend or undertake audits of the SSI commissioned by DPE including scoping audits, programming audits, briefings and site visits, but not independent environmental audits required under CoA A35 of the project approval
- As may be requested by the Planning Secretary, assist DPE in the resolution of community complaints
- Assess the impacts of minor ancillary facilities as required by CoA A19 of the project approval
- Undertake the functions as required under the terms of the project approval
- Consider any minor amendments to be made to the CEMP, CEMP Sub-plans and monitoring programs that comprise updating or are of an administrative nature and are consistent with the terms of the project approval and the CEMP, CEMP Sub-plans and monitoring programs approved by the Planning Secretary and, if satisfied such amendment is necessary, approve the amendment. This does not include any modifications to the terms of this approval, and
- Prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, an Environmental Representative Monthly Report providing the information set out in the Environmental Representative Protocol under the heading “Environmental Representative Monthly Reports.” The Environmental Representative Monthly Report must be submitted within seven days following the end of each month for the duration of the ER’s engagement for the SSI.

4.1.2. Project Director

The environmental responsibilities of the Project Director include:

- Ensure all works comply with relevant regulatory and project requirements
- Ensure the requirements of this CEMP are fully implemented, and in particular, that environmental requirements are not secondary to other construction requirements
- Endorse and support the environmental and sustainability policies
- Liaise with the ER, TfNSW and other government authorities as required
- Participate and provide guidance in the regular review of this CEMP and supporting documentation
- Provide adequate resources (personnel, financial and technological) to ensure effective development, implementation and maintenance of this CEMP
- Provide suitable resources to carry out all licensed activities (where relevant) in a competent manner.
- Ensure that all personnel receive appropriate induction training, including details of the environmental and community requirements
- Ensure that complaints are investigated and issues raised resolved in accordance with the Community Communication Strategy (CCS)
- Direct that works be stopped immediately where there is an actual or potential risk of harm to the environment.

4.1.3. Construction Manager

The environmental responsibilities of the Construction Manager include:

- Plan construction works in a manner that avoids or minimises impact to environment
- Ensure the requirements of this CEMP are fully implemented
- Ensure construction personnel manage construction works in accordance with statutory and approval requirements
- Ensure environmental management procedures and protection measures are implemented
- Ensure all Project personnel attend an induction prior to commencing works
- Liaise with TfNSW and other government authorities as required
- Direct that works be stopped immediately where there is an actual or potential risk of harm to the environment.

4.1.4. Environmental Manager

The environmental and sustainability responsibilities of the Environmental Manager (EM) include:

- Advise on environmental and sustainability matters specified in the project approval, TfNSW specifications and SWTC

- Lead liaison with the ER, TfNSW and with all relevant authorities on sustainability and environmental matters, including inspection requirements and responding to any issues raised
- Maintain a register of all environmental management documents
- Ensure that the CEMP is established, implemented and maintained in compliance with the project approval and TfNSW specifications
- Overall responsibility for the establishment, management, monitoring and maintenance of erosion and sediment controls within the project area
- Responsibility for achieving the Infrastructure Sustainability Rating (IS Rating)
- Responsibility for the implementation of the Sustainability Strategy required under CoA E61 and SWTC
- Carry out regular inspections in accordance with the requirements of TfNSW Environmental Inspection Procedure and auditing of the works to ensure that environmental safeguards are being followed
- Identify where the implemented sustainability and environmental measures are not meeting the targets set, and identifying areas where improvement can be achieved
- Prepare monthly reports in accordance with the requirements set out in section 3.9.1 of G36, outlining the works that have been undertaken and the achievements that have been met, as well as identifying those areas where improvements were made, and detailing environmental and sustainability performance
- Facilitate environmental induction and toolbox talks for all site personnel
- Specific authority to stop work on any activity where the Environmental Manager deems it necessary to prevent environmental nonconformities
- Notify the relevant parties of any environmental incidents.

4.1.5. Community Relations Manager

The environmental responsibilities of the Community Relations Manager include:

- Ensure that all community consultation activities are carried out in accordance with the project requirements
- Report any environmental issues raised by stakeholders or members of the community to the Environmental Manager
- Communicate environment-related project progress, performance, mitigation measures and issues to stakeholders and the community
- Maintain the 24-hour complaints hotline.

4.1.6. Project /Site Engineers

The environmental responsibilities of the Project/Site engineers include:

- Provide input into the preparation of environmental planning documents as required
- Ensure instructions and information relating to project environmental risks are provided to staff
- Ensure that the works are carried out in accordance with the requirements of the CEMP and supporting documentation, including the implementation of all environmental controls
- Identify environmental risks and communicate them to the Environmental Manager
- Identify resource needs for implementation of CEMP requirements and related documents
- Ensure that environment related complaints are investigated to ensure effective resolution
- Take action in the event of an environmental incident or potential environmental incident and allocate the required resources to minimise environmental impact
- Report any activity that has resulted, or has the potential to result, in an environmental incident immediately to the Construction Manager and Environmental Manager

4.1.7. Foreman/ Leading Hands

The environmental responsibilities of the Foreman/ Leading Hands include:

- Undertake environmental duties as defined by the Construction Manager or Project/ Site Engineers
- Control field works and implement/maintain effective environmental controls

- Where required, undertake environmental risk assessment of works prior to commencement
- Ensure site activities comply with EWMS and relevant records are kept
- Ensure all site workers are site inducted prior to commencement of works
- Attend to any spills or environmental incidents that may occur on site
- Immediately report to the Construction Manager any activity that has resulted, or has the potential to result, in an environmental incident
- Stop activities where there is an actual or potential risk of harm to the environment and advise the Construction Manager, or Environmental Manager.

4.1.8. Wider Project Team

The environmental responsibilities of the Wider Project Team include:

- Comply with the relevant requirements of the CEMP and other environmental documentation
- Participate in the project/site induction program
- Report any environmental incidents to the Foreman immediately or as soon as practicable if reasonable steps can be adopted to control the incident
- Undertake remedial action as required to ensure environmental controls are maintained in good working order
- Stop activities where there is an actual or potential risk of harm to the environment and advise the Project Director, Construction Manager or Environmental Manager.

4.2. Subcontractor management

Subcontractors' environmental requirements and responsibilities will be addressed in the contract documentation. As part of the selection process, consideration will also be given to their past environmental performance.

The Environmental Manager, or delegate, will participate in the tender assessment and selection process where it is deemed necessary due to associated environmental risks. All subcontractors will be required to complete a subcontractor questionnaire or similar to record their capabilities and past environmental performance.

All subcontractors are required to work in accordance with the approved CEMP.

All subcontractors will be required to attend project and site inductions where the requirements and obligations of the CEMP will be communicated. A record of all subcontractors inducted will be maintained as part of the project induction and training register.

The Environmental Inspection Checklist will be used to assess the:

- Subcontractor's general work practices
- Effectiveness of the subcontractor's environmental protection measures
- Subcontractor's compliance with the requirements of this CEMP
- Maintenance of environmental measures.

5. Competence, training and awareness

The Project Director has overall responsibility for ensuring the requirements of this CEMP are fully implemented. The Environmental Manager will coordinate environmental training in conjunction with other training and development activities.

5.1. Environmental induction

All personnel (excluding short-term and temporary visitors) are required to attend a compulsory site induction that includes an environmental component prior to commencement on site.

Short-term visitors carrying out inspections/ entering the site (such as regulators) will be required to carry out a visitor's induction and be accompanied by inducted personnel at all times. The visitor's induction will include an environmental component.

Temporary visitors for purposes such as deliveries will be required to be accompanied by inducted personnel at all times.

The Environmental Manager (or delegate) will conduct the environmental component of the site induction. The environmental component will include an overview of:

- purpose and objectives of the CEMP
- requirements of due diligence and duty of care
- conditions of environmental licences, permits and approvals
- potential environmental emergencies on the project and the emergency response procedures, locations and training in the use of emergency spill kits for spills on water and on land
- reporting, notification and management requirements for pollution, contamination and other environmental incidents, and for damage and maintenance to environmental controls
- responsibilities regarding interactions with the public including complaints
- high-risk activities and associated environmental safeguards
- working in or near environmentally sensitive areas

Refresher environmental awareness training will be undertaken as required based on environmental risk assessment and turnover of project personnel.

A record of all environment inductions will be maintained and kept on site. The Environmental Manager may authorise amendments to the induction at any time. Changes to the induction may be required to address project modifications, legislative changes or amendments to this CEMP or related documentation.

5.2. Toolbox talks, training and awareness

Toolbox talks will be one method used to raise awareness and educate personnel on construction related environmental issues. The Toolbox talks will be used to ensure environmental awareness continues during construction.

Toolbox talks will include details of EWMS for relevant personnel. Toolbox talks will also be tailored to specific environmental issues relevant to upcoming works, including for example:

- Working in or near waterways, including ephemeral creeks
- Erosion and sedimentation control
- Site preparation before heavy rainfall and flood events
- Hours of work
- Emergency and spill response
- Aboriginal and non-Aboriginal heritage
- Threatened species, threatened ecological communities, clearing controls and vegetation protection
- Weed management
- Construction noise
- Housekeeping and waste
- Concrete washout
- Dewatering
- Project and clearing limits
- Dust control
- Night works, including measures to reduce potential noise and light spill impacts.

Toolbox talk attendance is mandatory and attendees of toolbox talks are required to sign an attendance form. Records of Toolbox talk attendance will be maintained.

Targeted environmental awareness training will be provided to individuals or groups of workers with a specific authority or responsibility for environmental management or those undertaking an activity with a high risk of environmental impact. Topics covered may include those detailed above, or others deemed necessary in the lead up to or during construction.

Another way to inform construction personnel will be through the development and distribution of awareness notes. These will typically take the form of a poster, booklet or similar and will be distributed to engineers, leading hands, foremen and others with a responsibility for managing specific work locations or activities. This documentation will be used to inform the broader workforce at daily pre-start meetings (see Section 5.3) or made available in worker crib sheds/ break facilities.

5.3. Daily pre-start meetings

The pre-start meeting is a tool for informing the workforce of the day's activities, safe work practices, environmental protection practices, EWMS for a particular area of work, work area restrictions, activities that may affect the works, coordination issues with other trades, hazards and other information that may be relevant to the day's work.

The Foreman, or other appropriate site staff member, will conduct a daily pre-start meeting for the site workforce before the commencement of work each day (or shift) or where changes occur during a shift. Pre-start meetings may be project-wide and/or held for specific work areas. Pre-start meetings are generally succinct in nature and take about ten (10) minutes to deliver.

The environmental component of pre-start meetings will be determined by the relevant foreman and environmental personnel and will include any environmental issues that could potentially be impacted by, or impact on, the day's activities. All attendees will be required to sign on to the pre-start and acknowledge their understanding of the issues explained.

Pre-start topics, dates delivered and a register of attendees will be recorded and the records maintained.

6. Communication

6.1. Internal communication

The environmental team will meet regularly to discuss any issues with on-site environmental management, amendments to plans that might be required, or any new/ changes to construction activities.

Regular meetings may also be scheduled with TfNSW to communicate ongoing environmental performance and to discuss issues to be addressed.

The environment team members will participate regularly in toolbox talks to communicate to the wider project personnel on environmental performance including sensitive environmental matters for future work areas, and to receive feedback from on-site personnel.

Further internal communication about environmental issues and aspects will be through toolbox talks and daily pre-start meetings as described in Sections 5.2 and 5.3 respectively.

6.2. External communication

6.2.1. Communication with the EPA and public authorities

The Environmental Manager will be the main point of contact for external and public authorities regarding project-specific environmental issues.

The following two project team members are nominated as 24 hour contacts for environmental regulatory authorities, with the authority to take immediate action to shut down any activity, or to implement any additional pollution control measures:

- Nathan Russell (Environmental Manager), 0439 365 106
- Don Edwards (Project Director), 0477 438 544

Refer to Chapter 7 for how Fulton Hogan communicates with public authorities about pollution incidents that cause or threaten material harm to the environment.

In the event of any visit to site by the EPA or other regulatory authority (other than for arranged site inspections), TfNSW, the ER and the PV will be immediately verbally notified and a report prepared which notifies of the purpose and outcome of the visit, and all actions taken by Fulton Hogan in response to the visit. The report will be submitted to TfNSW and the ER within one (1) working day of the site visit. Refer to Chapter 9 (Table 4, Item No. 4) for reporting requirements.

6.2.2. Community communications

A Community Communication Strategy (CCS) has been developed to provide an approach to stakeholder and community communications in accordance with the requirements of CoA B1. The CCS provides mechanisms to facilitate communication between TfNSW, the ER, the project team, relevant public authorities and the local community on construction-related and environmental matters. The CCS also addresses the key construction issues that are likely to affect community such as traffic, property access, noise and vibration, and landscaping.

6.2.3. Complaints and enquiries management

A Complaints Management System has been developed for the Project by TfNSW in accordance with the requirements of CoA B6.

All community enquiries and complaints related to the construction activities will be referred to the 24-hour community information line (1800 818 433). A postal address and email address has been provided for receipt of complaints and enquiries:

Fulton Hogan

PO BOX 186

Waratah, NSW 2298

Email: RP2JCommunity@fultonhogan.com.au

In accordance with CoA B9 information on all complaints received, including the means by which they were addressed and whether resolution was reached, with or without mediation, will be recorded in TfNSW's established "Consultation Manager" database. The Complaints Register will be provided to the Planning Secretary upon request.

The Environmental Manager (or delegate) will apply an adaptive approach to ensure that corrective actions are applied in consultation with the appropriate construction staff members to allow modifications and improvements in the management of any environmental issues which have resulted in community complaints.

7. Incidents and emergencies

All environmental incidents and emergencies will be managed in accordance with the Incident and Emergency Response Plan (IERP). Pollution incident response management plan (PIRMP) legislative requirements are met within the IERP.

Reporting of environmental incidents will be undertaken in accordance with the TfNSW 'Environmental Incident Procedure', TfNSW 'Environmental Event Report' and the IERP.

All environmental incidents (including those notified to the EPA under Part 5.7 of the POEO Act) will be notified to the Planning Secretary via the Major Projects website and TfNSW immediately after Fulton Hogan becomes aware of the incident. The notification to the Planning Secretary will identify the SSI application number, the name of the SSI, and set out the date, location and nature of the incident in accordance with the requirements of CoA A37.

Subsequent notification will be given to the Planning Secretary via the Major Projects website and TfNSW by the Environmental Manager and reports submitted in accordance with the requirements set out in Appendix B of the project approval.

Upon becoming aware of a pollution incident that causes or threatens material harm to the environment, the Environmental Manager will consult the Eastern Region Environment Manager and the Eastern Region Operations Manager, and notify the Planning Secretary via the Major Projects website, TfNSW, and the ER and each relevant authority immediately via the appropriate telephone number. The relevant authorities to be notified under Part 5.7 of the POEO Act include:

- The EPA (via the EPA pollution line 131 555)
- Ministry of Health (via the local Public Health Unit)
- SafeWork NSW
- Relevant council(s), including Lake Macquarie City Council and City of Newcastle, as relevant, and
- Fire and Rescue NSW.

For telephone numbers, refer to the Contacts List on page vi of this CEMP.

8. Inspections, monitoring and auditing

8.1. Environmental inspections

Informal inspection will be undertaken by Fulton Hogan staff as required. This may include daily inspections of work areas by Supervisors or task specific inspections by members of the environmental team. Corrective actions will be undertaken as required. Formal inspections are detailed below.

8.1.1. Weekly and post rainfall site inspections

The Environmental Manager (or delegate) will ensure all erosion and sediment control measures on the project are inspected and works undertaken to repair and/or maintain these controls:

- weekly during standard construction hours
- daily during periods of rainfall potentially causing runoff (if safe to do so), and
- within 24 hours of cessation of a rainfall event potentially causing runoff to occur on or from the project (if safe to do so).

Results of the inspections will be recorded in the Environmental Inspection Checklist. Alternatively, a mobile software application may be used, such as 'iAuditor'.

If any maintenance and/or deficiencies in environmental controls or in the standard of environmental performance are observed, they will be recorded on the checklist form or using the mobile software application. Records will also include details of any maintenance required, the nature of the deficiency, any actions required and an implementation priority.

8.1.2. ER, TfNSW and environmental review group (ERG) inspections

The ER, TfNSW environment personnel and members of the ERG will undertake regular inspections of work sites during construction. Inspections will typically occur on a fortnightly basis depending on the complexity of the work and anticipated environmental risks associated with the construction activities. ERG inspections will typically be less frequent, on a monthly basis depending on the level of project activity and associated risks.

A member of the Project's environment team will participate in all ER, TfNSW and ERG inspections and will ensure records are maintained. Deficiencies and required actions will be analysed and prioritised at the completion of the inspection and timeframes for implementation of corrective actions agreed. Refer to Chapter 10 for further details about non-conformances/ non-compliances.

8.2. Environmental monitoring

Monitoring will be carried out to enable comparison of the actual construction performance against the predicted performance (where relevant), to measure the effectiveness of environmental controls and implementation of this CEMP, and to address approval requirements.

Environmental monitoring required during construction specific to a particular environmental aspect is described in the relevant Construction Monitoring Program prepared separately to the CEMP (by TfNSW) or Sub-Plan. Any non-conformance with these monitoring requirements will be reported to the ER and TfNSW by the Environmental Manager in the monthly report.

Where a non-conformance is detected or monitoring results are outside the expected range and are directly attributable to the project (i.e. are influenced by factors under the direct control of the project, such as noise from construction equipment), the process described in Chapter 10 will be implemented. Steps in the process will typically include:

- An analysis of the results by the Environmental Manager to determine possible causes for the non-conformance
- A site inspection by the Environmental Manager or delegate
- Advising relevant personnel of the problem
- Identifying and agreeing on actions to resolve or mitigate the non-conformance
- Implementing actions to rectify or mitigate the non-conformance.

The timing for any improvement will be agreed between the relevant engineer/ Construction Manager and Environmental Manager based on the level of risk (e.g. a significant risk will require immediate action).

Environmental monitoring equipment will be maintained and calibrated according to the manufacturer's specifications and appropriate records kept.

8.3. Compliance monitoring/ tracking during construction

A Compliance Monitoring and Reporting Program has been developed for the project as prescribed in CoA A29 (by TfNSW).

In accordance with the commitment made in Table 2-1 of the Compliance Monitoring and Reporting Program (TfNSW, August 2019), a Pre-Construction Compliance Report (PCCR) must be submitted to the Planning Secretary one month prior to commencement of construction of the project. Refer to Chapter 9 (Table 4, Item No. 5).

In addition, compliance with environmental requirements during construction will be monitored/ tracked six monthly from the date of commencement of construction as part of Construction Compliance Reports (CCRs). Refer to Chapter 9 (Table 4, Item No. 7).

The PCCR and CCRs will be prepared and carried out in accordance with the Compliance Reporting – Post Approval Requirements (DPE 2018).

8.4. Auditing

8.4.1. Internal audits

A comprehensive environmental risk-based internal audit program will be carried out by suitably qualified and experienced Fulton Hogan personnel not directly associated with the project every twelve (12) months or in response to emerging environmental risks. The first audit will occur no longer than three (3) months after commencement of construction. Internal audit frequency may change in response to the management review process described in Section 11.1.

These audits will verify compliance with environmental requirements, specifically:

- The CEMP
- Approval requirements (CoAs, REMMs)

- Relevant legal and other requirements (e.g. licenses, permits, regulations, TfNSW contract documentation/specifications).

Internal audits will be focussed on those activities occurring on site with the highest potential risk.

8.4.2. External independent audits

In accordance with CoA A35, external independent audits of the project will be carried out in accordance with the Independent Audit Program prepared in accordance with the Independent Audit – Post Approval Requirements (DPE 2018), meaning annually.

Submission of the Independent Audit Report and the response to the audit findings will be submitted to DPE. Furthermore, each Independent Audit Report and response to it will be made publicly available and DPE will be notified in writing when this has occurred as per CoA A36.

In addition, the ER may be requested by the Planning Secretary to help plan, attend or undertake audits of the SSI commissioned by DPE including scoping audits and programming audits but not independent audits under CoA A35.

9. Reporting

Various reports will be prepared by Fulton Hogan during construction to fulfil TfNSW and other reporting needs, and requirements under the project approval. Table 4 sets out the general reporting requirements for the project, frequency of the reporting, who is responsible for managing preparation of the reports and the intended recipient(s).

In addition, reporting requirements specific to a particular environmental aspect are set out in the relevant Sub-Plan (e.g. noise reporting requirements are set out in the NVMP).

Table 4: Types of reports

No.	Report	Requirement	Frequency	Responsibility	Recipient
1	Monthly Environmental Report	For incorporation in Project Monthly Reports including environmental statistics (i.e. incidents, regulatory action, complaints on environmental issues, non-compliance and actions taken to address non-compliance), environmental monitoring data, out of hours works completed, predicted out of hours works for the following four months, environmental performance, key environmental issues and any other information required by G36 Clause 3.9.1.	Within one (1) week of the completion of the reporting month	Environmental Manager	TfNSW ER
2.	EPL Monthly Report (where	Details of all non-compliances with conditions of EPL, measures taken to prevent recurrence, and	Within 10 working days of the end of	Environmental Manager	EPA

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No.	Report	Requirement	Frequency	Responsibility	Recipient
	required by the EPL)	details of discharges from sediment basins where water quality results exceed EPL conditions. Detail of any complaints received will also be reported.	each calendar month.		
3.	EPL Annual Return	Report on compliance with EPL and complaints	Within 60 days of the anniversary of the EPL	Environmental Manager	EPA
4.	EPA or other regulatory authority inspection report, other than for arranged inspections	Report on the purpose, outcome and actions pertaining to the visit as per G36 Clause 3.7.1.	Within one working day of the EPA or other regulatory authority visit, other than for arranged inspections	Environmental Manager	TfNSW ER
5.	Pre-Construction Compliance Report (PCCR)	Pre-construction, construction compliance reporting as per the Compliance Monitoring and Reporting Program (TfNSW, August 2019).	Once, one month prior to commencement of construction of the project.	Environmental Manager	The Planning Secretary
6.	Construction Monitoring Report	Report on construction monitoring results and analysis against relevant criteria as documented in the Construction Monitoring Programs for Surface and Ground Water Quality, Air Quality, Noise and Vibration and Flora and Fauna required under CoA C9.	As identified in the relevant Construction Monitoring Program	Environmental Manager	The ER, the Planning Secretary and relevant public authorities (in accordance with CoA C15).
7.	Construction Compliance Report (CCR)/ Compliance Tracking Report	Construction Compliance Reports (CCRs) as per the Compliance Monitoring and Reporting Program (TfNSW, August 2019). Report on compliance, environmental performance, monitoring results, inspections, internal audits, complaints, non-compliances and any other	Six (6) monthly from the date of commencement of construction, providing details for the preceding six months as per G36 Clause 3.9.2	Environmental Manager	TfNSW ER To be made publicly available on the project website for the duration of construction as per the Compliance Monitoring and Reporting

No.	Report	Requirement	Frequency	Responsibility	Recipient
		information required by G36 Clause 3.9.2.			Program (TfNSW, August 2019).
8.	Incident Report	Report on an incident in accordance with the requirements set out in Appendix B of the project approval.	Within thirty (30) days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary.	Environmental Manager	The Planning Secretary and any relevant public authorities (as determined by the Planning Secretary).
9.	Pre-ERG Report (initial)	Report on the information set out in SWTC section 2.5.3(b).	No fewer than five (5) working days prior to any ERG meeting.	Environmental Manager	TfNSW
10.	Pre-ERG Report (approved)	Report on the information set out in SWTC section 2.5.3(b).	Following approval of the initial report (from TfNSW) and prior to any ERG meeting.	Environmental Manager	TfNSW ER DPE EPA City of Newcastle Soil conservationist

10. Non-conformance/ non-compliance, corrective and preventative actions

Any member of the project team may raise a non-conformance/ non-compliance or improvement opportunity. The Quality Management Plan describes the process for managing non-conforming/ non-complying work practices and initiating corrective/ preventative actions or system improvements.

The ER or TfNSW may also raise a non-conformance/ non-compliance or improvement opportunity using the same process.

A non-compliance is defined as an occurrence, set of circumstances or development that is a breach of the Project Approval. This includes a failure to comply with the processes included within this CEMP. If the non-compliance constitutes an environmental incident, the management and notification outlined in IERP as per Chapter 7 of this CEMP will be implemented, this determination will be made by the Environmental Manager in consultation with TfNSW and the ER as required.

A non-conformance is defined as a failure to conform to the requirements of project or Fulton Hogan system documentation.

For each identified non-conformance/ non-compliance identified, a corrective/ preventative action(s) must be implemented. In addition, any environmental management improvement opportunities can be initiated as a result of incidents or emergencies, monitoring and measurement, audit findings or other reviews. Improvement opportunities may also result in the implementation of corrective/ preventative actions.

Corrective/ preventative actions and improvement opportunities will be entered into the Fulton Hogan quality system database and will include details of the issue, action required, timing and responsibilities. The record will be updated with date of close out and any necessary notes. The database will be reviewed regularly to ensure actions

are closed out as required. Prioritisation of corrective/ preventative actions will be commensurate with the risk of harm associated with the non-conformance/ non-compliance. Failure to implement corrective actions identified to rectify a non-conformance is also considered to be a non-compliance.

Non-conforming/ non-complying activities may be stopped, if necessary, by the Environmental Manager or Project/ Site Engineer following consultation with the Construction Manager or delegate. The works will not recommence until a corrective/ preventative action has been closed out. In such circumstances a non-conformance report must be prepared in accordance with the Quality Management Plan.

11. Review and improvement

11.1. Management review

Management review will be undertaken as part of the continual improvement process. The management review will consist of either group, or executive reviews as detailed in Sections 11.1.1 and 11.1.2 respectively.

The outcomes of the group and executive reviews could include amendments to this CEMP and associated Sub-Plans and programs, review of the Environmental aspects and impacts and risk assessment register, re-evaluation of the project objectives and targets as well as input into other project documents. For further details on the CEMP revision process, refer to Section 1.6.

11.1.1. Group review

A group review is initiated by the Environmental Manager and includes relevant project team members and stakeholders. The environment team meet quarterly, or at other pre-determined periods, to review environmental management issues for the project. The environment team meeting may be undertaken in conjunction with a wider group meeting if the Environmental Manager deems it appropriate.

The environment group meetings include:

- a review of the Environmental aspects and impacts and risk assessment register (Appendix A3 of the CEMP), legal register (Appendix A1 of the CEMP) and environmental induction
- consideration of monitoring, inspection and audit results
- consideration of incidents and any lessons learnt
- consideration of any new regulatory issues
- a review of the effectiveness of erosion and sediment controls
- consideration of changes in operational needs such as resourcing
- feedback from management reviews.

11.1.2. Executive review

An executive review will involve the management team. This review will be held annually and will include a review of:

- effectiveness of environmental management documentation implementation
- management effectiveness
- potential improvements to the environmental management documentation
- adequacy of resources
- findings of audits
- environmental objectives and targets
- environmental performance
- compliance with legal and other requirements
- critical non-conformance or repeated non-conformances
- organisation changes
- effectiveness of training and inductions.

12. Documentation

12.1. Environmental records

The Environmental Manager is responsible for maintaining all environmental management documents and records so that they are always current at the point of use. Types of documents and records include:

- Monitoring, inspection and compliance reports/records
- Correspondence with public authorities
- Induction and training records
- Reports on environmental incidents, other environmental non-conformances, complaints and follow-up action
- Community engagement information
- Minutes of CEMP and construction environmental management system review meetings and evidence of any action taken.
- CEMP (including Sub-Plans)
- EWMS

All environmental management documents are subject to ongoing review and continual improvement. This includes times of change to scheduled activities or to legislative or licensing requirements.

Only the Environmental Manager, or delegate, has the authority to change any of the environmental management documentation.

12.2. Document control

The Environmental Manager, or TfNSW where relevant, will coordinate the preparation, review and distribution, as appropriate, of the environmental documents and records listed above in Section 12.1. During construction, the environmental documents and records will be stored at the main site compound.

The document control procedure will be implemented to control the flow of documents. The procedure will ensure that documentation is:

- Developed, reviewed and approved prior to issue
- Issued for use
- Controlled and stored for the legally required timeframe
- Removed from use when superseded or obsolete
- Archived.

A register and distribution list will identify the current revision of particular documents, records or data.

Appendix A1: Legal and other requirements

Table A1-1: Register of legal and other requirements

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
General				
<i>Environmental Planning and Assessment Act 1979</i>	All	Comply with the Minister for Planning's approval for the project. Obtain the Minister's approval for any project modifications that are not consistent with the planning approval.	S5.25	Yes
<i>Protection of the Environment Operations Act 1997</i>	Harming the environment	Do not risk harming the environment by wilfully or negligently: Disposing of waste unlawfully Causing any substance to leak, spill or otherwise escape (whether or not from a container) Emitting an ozone depleting substance.	S115 S116 S117	Yes
	Licensing	Do not carry out activities listed in Schedule 1 unless an EPL is in place that authorises that activity to be carried on at those premises.	S48	Yes
<i>Protection of the Environment Operations Act 1997</i>	Control equipment	Properly and efficiently maintain and operate any installed pollution control equipment (including monitoring devices).	S167	Yes
<i>Protection of the Environment Operations Act 1997</i>	Notification of pollution incidents	Notify the EPA immediately of pollution incidents where material harm to the environment is caused or threatened.	S148	Yes
<i>Protection of the Environment Operations (General) Regulation 2009</i>	Collection of data from reporting facilities	Subject to Part 4, the occupier of each reporting facility is to provide the EPA with the following information if a reporting threshold for a substance is exceeded in a reporting period: supporting data for the facility, substance identity information and emission data, estimated in accordance with Part 3, for each substance for which the reporting threshold is exceeded in the period,	S65	Yes

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
		the type and mass of fuel or waste burned in the reporting period any other information that may be required to assess the integrity of the emission data, substance identity information and mandatory transfer data for each substance for which a category 1, category 1b or category 3 reporting threshold is exceeded in the period, any information that may be required to assess the integrity of the mandatory transfer data, a statement, signed by the occupier or a person authorised by the occupier for that purpose, that the occupier has exercised due diligence in gathering.		
<i>Environmentally Hazardous Chemicals Act 1985</i>	Hazards and risks	Obtain a licence to undertake prescribed activities involving environmentally hazardous chemicals or declared chemical wastes.	S28	Yes
<i>Dangerous Goods (Road and Rail Transport) Act 2008</i>	Hazards and risks	Ensure that dangerous goods are transported in a safe manner.	S9	Yes
<i>Pesticides Act 1999</i>	Hazards and risks	Must not possess an unregistered pesticide unless the person is authorised to do so by a permit, and complies with the permit. Use pesticides in an environmentally sensitive manner. Do not use an unregistered pesticide without a permit. Read the label or permit for the pesticide. Must not, keep a registered pesticide in a container that does not have an approved label attached to the container. Use registered pesticides in accordance with instructions on the label. Do not use or possess any restricted pesticide unless authorised by a certificate of competency or a pesticide control order under the Act. Compliance with pesticide codes of practice is required.	S12 S13 S14 S15 S16 S17	Yes

Construction Environmental Management Plan

Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)



Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
<i>National Greenhouse and Energy Reporting Act, 2007</i>	Greenhouse gas emissions	Accounting and reporting of greenhouse gases produced and energy consumed during construction. Applicability dependent on thresholds.	-	Yes
Water/ Flood				
<i>Water Management Act 2000</i> With the exception of controlled activity approvals, the <i>Water Management Act 2000</i> (WM Act) only applies in relation to those water sources covered by operational water sharing plans – these areas cover most of the State's major regulated river systems.	Water access and use	Do not take water from a water source (a lake, river or estuary or place where water occurs naturally on or below the surface of the ground, and includes coastal waters) without an access licence. Do not use of water on land (unless supplied by a water utility, irrigation corporation etc. or in accordance with basic landholder rights) without a water use approval.	S56 S60A S89 S91A	No, TfNSW is exempt.
<i>Water Management Act 2000</i>	Water management works	Do not construct/use a water supply work, drainage work or flood work without the appropriate approval.	S90 S91B S91C S91D	No, TfNSW is exempt.
<i>Water Management Act 2000</i>	Waterfront land	Do not deposit material, excavate, or remove material within a watercourse bank, shore or bed, or on land 40 metres inland, or interfere with the likely flow of water to such a body, without a controlled activity approval.	S91	No, public authorities are exempt from the need to obtain a controlled activity approval. Water Management (General)

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
				Regulation 2004 (cl.39A)
<i>Protection of the Environment Operations Act 1997</i>	Water pollution	Do not cause water pollution.	S120 S122	Yes
<i>Environmental Protection and Biodiversity Conservation Regulations 2000 (as amended)</i>	Dumping of waste	Do not discharge, dispose of, release or leave domestic or industrial waste if the discharge, disposal, release or leaving of the waste is likely to pollute the air, soil, water or watercourse.	Part 12.14A	Yes
<i>Water Management (General) Amendment (Aquifer Interference) Regulation 2011</i>	Water discharge	Do not use water contrary to a notice from a water supply authority that regulates or restricts any of the following: (a) the purposes for which water may be used, (b) the times when water may be used, (c) the quantities of water that may be used, (d) the means or methods by which water may be used. Do not contravene a condition of a discharge approval. A person must not cause or allow anything (including stormwater) to be discharged, whether directly or indirectly, into a water supply authority's sewerage system otherwise than in accordance with a discharge approval.	S136 S145 S149	Yes
Noise				
<i>Protection of the Environment Operations Act 1997</i>	Plant maintenance and operation	Do not operate plant if it emits noise caused by poor maintenance or operation.	S139	Yes
<i>Protection of the Environment Operations Act 1997</i>	Materials management	Do not cause noise by failing to properly and efficiently deal with materials.	S140	Yes

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
<i>Protection of the Environment Operations (Noise Control) Regulation 2017</i>	Noise emissions from vehicles	A person must not cause or permit a motor vehicle to be used on a road or road related area if the motor vehicle is capable of emitting noise at a level in excess of the level specified in Schedule 1 for that type of motor vehicle as determined in accordance with Part 6 (the "prescribed noise level"). A person must not cause a motor vehicle to be used in a place (other than on a road or road related area) in such a manner that it emits offensive noise. A person must not cause or permit a motor vehicle that is not a heavy vehicle to be driven or used on a road or road related area if the motor vehicle has a temporary noise reduction device fitted that-- - was not fitted by the vehicle manufacturer, or - is not an equivalent replacement for any such device fitted by the vehicle manufacturer, or - is not a plate, baffle or other device that is part of a muffler, resonator or the like and that is fitted to a motor cycle.	S5 S6 S17	Yes
Contaminated material				
<i>Protection of the Environment Operations Act 1997</i>	Land pollution	Do not cause or permit land pollution other than under authority of a licence or regulation. (However it is not a land pollution offence to place virgin excavated natural material or lawful pesticides and fertilisers on land, or by placing matter on land that has been notified to the EPA as an unlicensed landfill and which is operated in accordance with the regulations.)	S142A – S142E	Yes
<i>Contaminated Land Management Act 1997</i>	Reporting contamination	Notify the EPA if: Contaminants exceed thresholds contained in guidelines or the regulations where contamination has entered or will foreseeably enter neighbouring land, the atmosphere, groundwater or surface water.	S60	Yes

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
		Contaminants in soil are equal to or exceed guideline levels with respect to the current or approved use of the land. Contamination meets other criteria that may be prescribed by the regulations.		
<i>National Environment Protection (Assessment of Site Contamination) Measure 1999 (as amended) (Cth)</i>	Prevention	There should be no noticeable or measurable change in the characteristics of soil, or associated ground or surface waters.	Part 3	Yes
	Regulatory control of site contamination	Contaminated soil and associated ground and surface waters should be categorised by the nature and concentration of contaminants and subject to appropriate controls over their use, storage, transport and ultimate disposal. The on-site and off-site impacts of contaminants should be appropriately managed to prevent adverse impacts, particularly impacts relating to air emissions, surface water and groundwater.	Part 6.4 Part 12	Yes
Biodiversity				
<i>Biosecurity Act 2015</i>	Weed control	The Biosecurity Act provides the framework to protect our community from the adverse effects from animal and plant pests, diseases and weeds to maintain market access.	-	Yes
<i>Fisheries Management Act 1994</i>	Dredging or reclamation	Provide the Minister for Primary Industries 28 days' notice of planned dredging or reclamation work.	S199	No
<i>Fisheries Management Act 1994</i>	Mangroves, seagrasses and marine vegetation	Do not harm any mangroves, seagrasses or other marine vegetation on public water land protected by the regulations without a permit.	S205	No
<i>Fisheries Management Act 1994</i>	Fish passage	Do not block fish passage without a permit	S219	No

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth) (EPBC Act)	Flora and fauna conservation	Do not kill, injure or take a member of a listed threatened species without a permit.	Part 13	Yes
		Comply with the terms of any EPBC Act approval for the project.		Yes
<i>Biodiversity Conservation Act 2016</i> (BC Act)	Biodiversity credits	Creation of biodiversity credits	S6.17	Yes
	Protection of plants and animals	Do not harm or attempt to harm an animal that is of a threatened species, or part of a threatened ecological community, or a protected animal. Do not pick a plant that is of a threatened species, or part of a threatened ecological community, or a protected plant. Do not damage a declared area of outstanding biodiversity value. Do not damage any habitat of a threatened species or threatened ecological community. Do not liberate, without authority, any animal (other than a captured protected animal) in New South Wales. Do not liberate, without authority, liberates a captured protected animal in a place other than the place of its capture.	S2.1 S2.2 S2.3 S2.4 S2.6	Yes
<i>Biosecurity Regulation 2017</i>	Dealings with invasive species	(1) A person must not engage in any of the following dealings with an animal to which this clause applies— (a) have possession of the animal, (b) move the animal, (c) release the animal from captivity.	S17B	Yes

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
		(2) This clause applies to the following animals— <i>Axis axis</i> - Spotted deer/Chital (wild/feral) <i>Axis porcinus</i> - Hog deer (wild/feral) <i>Camelus dromedaries</i> - One-humped camel/Dromedary (wild/feral) <i>Cervus elaphus</i> - Red deer/Wapiti/Elk (wild/feral) <i>Cervus timorensis</i> - Rusa deer (wild/feral) <i>Cervus unicolor</i> - Sambar deer (wild/feral) <i>Dama dama</i> - Fallow deer (wild/feral) <i>Oryctolagus cuniculus</i> - European rabbit (wild/feral) <i>Sus scrofa</i> - Pig (wild/feral) <i>Vulpes vulpes</i> - European red fox		
Waste				
<i>Protection of the Environment Operations Act 1997</i>	Littering	Do not litter in a public place or an open private place. Do not litter from a vehicle. Only deposit advertising material in receptacles provided for mail or newspapers or under the door of the premises. Do not deposit advertising material on or in vehicles.	Part 5.6A	Yes
<i>Protection of the Environment Operations Act 1997</i>	Waste and transportation	Do not undertake a scheduled waste activity unless in accordance with an environment protection licence. A licence must be obtained when construction and demolition wastes are applied to land under certain circumstances. This includes the reincorporation of crushed road base material back into roads and the placing of excess fill material onto properties. A licence is not required if the material: ☐ Is VENM. ☐ Does not exceed 200 tonnes in the Sydney, Newcastle and Wollongong areas, or 20,000 tonnes outside these areas.	Part 3.2 Schedule 1	Yes

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
		☐ Is covered by a “general exemption”. Current exempted materials are ENM, recycled aggregates and raw mulch. These exemptions are conditional and require some chemical testing of materials before they are placed onto land. A licence must be obtained if more than 2,500 tonnes (or cubic metres) is stored on a stockpile site at any one time, or more than 30,000 tonnes of waste is received per year from off site.		
		Only transport waste to a facility that can lawfully accept the waste.	S143	Yes
		Do not dispose of waste in a manner that harms or is likely to harm the environment.	S115	Yes
<i>Protection of the Environment Operations (Waste) Regulation 2005</i>	Waste and transportation	Comply with general requirements for the transport of waste. For example, any vehicle used by the person to transport waste must be kept in a clean condition and be maintained so as to prevent spillage of waste. For some wastes only licensed transporters can be used.	Regulation cl.49	Yes
		Comply with record keeping requirements in relation to the transport of certain types of waste.	Regulation Part 3	Yes
<i>Environmentally Hazardous Chemicals Act 1985</i>	Orders relating to chemical waste	A person who, in contravention of a chemical control order, carries on a prescribed activity in relation to a chemical or a declared chemical waste is guilty of an offence against this Act	S26	Yes
<i>Energy Efficiency Opportunities Act 2006 (EEO Act)</i>	Energy efficiency	Reporting about Energy Efficiency Opportunities Assessments	Part 7	Yes
<i>Waste Avoidance and Resource Recovery Act 2001 (WARR Act)</i>	Industry waste reduction	Compliance with implementation and operation of extended producer responsibilities schemes as directed by the regulations.	Part 4	Yes

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
Heritage				
<i>Heritage Act 1977</i>	Heritage	Do not undertake an activity that will affect a place, building, work, relic, moveable object or precinct which is subject to an Interim Heritage Order or is listed on the State Heritage Register without approval from OEH (Heritage Division).	S56-57	Yes
		Do not disturb or excavate land with knowledge or reasonable cause to suspect that the disturbance or excavation will or is likely to result in a relic being discovered, exposed, moved, damaged or destroyed; or Do not disturb or excavate land on where a relic has been discovered or exposed.	S139	No
		Notify OEH (Heritage Division) on discovery of a relic	S146	Yes
<i>National Parks and Wildlife Act 1974</i>	Aboriginal places and objects	Do not harm or desecrate an Aboriginal object or Aboriginal place without consent.	S90	No
		Notify the NPWS within reasonable time of becoming aware of the location or discovery of certain Aboriginal objects.	S89A	Yes
<i>Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cth)</i>	Protection of areas and objects	Report any discovery of Aboriginal remains to the Federal Minister for the Environment and Heritage.	S20	Yes
		Comply with the provisions of any declaration in relation to a significant Aboriginal area or object.	S22	Yes
<i>Environment Protection Biodiversity Conservation Act 1999 (EPBC Act) (Commonwealth)</i>	Management of World and National Heritage Sites	The management and protection of listed World and National Heritage Sites.	Part 15	No
<i>Coroners Act 2009</i>	Reporting of Deaths	This section applies to any person who has reasonable grounds to believe that a death or suspected death of another person is a reportable death or occurred in circumstances that would be examinable under Division 2 of	S35	Yes

Legislation	Activity/aspect	Requirement	Reference	Division 5.2 Applicability
		Part 3.2, and has not been reported in accordance with subsection. A person to whom this section applies must report the death or suspected death concerned to a police officer, a coroner or an assistant coroner as soon as possible after becoming aware of the grounds referred to in subsection		
Air Quality				
<i>Protection of the Environment Operations (Clean Air) Regulation 2010 (NSW)</i>	Burning	A person who burns anything in the open or in an incinerator must do so by such practicable means as are necessary to prevent or minimise air pollution. A person who burns anything in the open or in an incinerator must do so by such practicable means as are necessary to prevent or minimise air pollution.	S10 S11	Yes
	Use and maintenance of motor vehicles	Maintenance of vehicles and use of anti-pollution device.	Division 4	Yes

Table A1-2: Licences, permits and approvals

Type	Relevant legislation	Required?	Issuing agency
LICENCES			
Environment Protection Licence	Chapter 3 and Schedule 1 <i>Protection of the Environment Operations Act 1997</i>	Yes.	EPA
Surface water licence for water extraction (e.g. by pump) from waterways (including a stream or river)	Water Management Act 2000	No. Under Water Regulation 2018 Section 41 as a public authority TfNSW is exempt.	DPE Water
Groundwater licence for installation and extraction via any type of bore, well, spear point or groundwater interception scheme	Water Management Act 2000	No. Under Water Regulation 2018 Section 41 as a public authority TfNSW is exempt.	DPE Water
PERMITS			
Temporarily or permanently obstructing fish passage (by e.g. weir, causeway, dam)	Part 7 Fisheries Management Act 1994	No	DPI Fisheries
Harming (e.g. cutting, removing, trimming, pulling up, gathering, shading) marine vegetation (e.g. saltmarsh, mangroves, seagrasses, seaweeds)	Part 7 Fisheries Management Act 1994	No. The project area does not support marine vegetation.	DPI Fisheries
Using explosives or electrical devices in a waterway	Part 2 Fisheries Management Act 1994	No. No explosives or electrical devices will be used in waterways.	DPI Fisheries
Aboriginal Heritage Impact Permit (AHIP)	Section 90D(5), 90C(4) National Parks and Wildlife Act 1974	No.	Heritage NSW
To carry out activities to an item listed on the State Heritage register (SHR) or to which an interim heritage order (IHO) applies.	Section 60 Heritage Act 1977	No.	Heritage NSW
Excavation Permit to disturb or excavate sites not listed on the State Heritage Register	Section 139 Heritage Act 1977	Only in the event an unexpected heritage item is discovered during construction.	Heritage NSW
APPROVALS			
Determination in accordance with sections 5.11, 5.12 and 5.13	<i>Environmental Planning and Assessment Act 1979</i> (EP&A Act)	Yes	DPE

Table A1-3: TfNSW G36 requirements for the CEMP¹

G36 clause	Requirement	Relevant section of CEMP or supporting documentation
3.1	CEMP for Contractor's Activities, including Sub-Plans, Environmental Policy and issue-specific Plans	This CEMP, Section 3.4, Sub-Plans (Appendices B1 – B9)
3.9.2	Compliance tracking report	Section 8.3
3.2.3	Environmental objectives and targets	Section 3.5
3.2.4	Environmental Work Method Statements	Section 3.7
3.3	Names, responsibilities and authority of site management personnel, including EM, with responsibility for implementing CEMP. Where applicable, the relationship between Environmental Representative and ESR	Section 4.1
3.4	Procedures to ensure subcontractor compliance	Section 4.2
3.5	Environmental induction and training plan	Chapter 5
3.6	Procedure for notifying the Principal and all relevant Authorities in advance of any proposed extension to working hours	Appendix B2 - NVMP
3.7	Details of processes for external and internal communication in relation to environmental aspects of work	Chapter 6
3.8	Emergency planning and response procedures	Chapter 7
3.9	Procedure(s) to monitor and measure environmental management performance and to evaluate compliance	Chapter 8, Appendix A3, Issue-specific Sub-Plans (Appendices B1 – B9)
3.9	Environmental monitoring and auditing program	Sections 8.2, 8.3, 8.4 Sub-Plans (Appendices B1 – B9)
4.1	Soil and Water Management Sub-Plans (refer TfNSW D&C G38)	Appendix B3 - SWMP
4.2	Contamination Management Plan and Remediation Action Plan	Appendix B3 - SWMP
4.3	Procedure(s) for spill prevention and response	Chapter 7, Appendix B3 – SWMP
4.3	Procedures for controlling and removing chemical, fuel and lubricant spillage on the Site and adjoining areas	Chapter 7, Appendix B3 – SWMP
4.4	Air Quality Management Sub-Plan and procedures for effective dust control, including dust monitoring and reporting procedures	Appendix B5 - AQMP
4.5	Bushfire Management Plan	Incident and Emergency Response Plan (IERP) Appendix B5 – AQMP regarding no burning off.
4.6 & 4.7	Construction Noise and Vibration Management Sub-Plan	Appendix B2 – NVMP

G36 clause	Requirement	Relevant section of CEMP or supporting documentation
4.7	Blast Management Strategy	To be prepared separately to this CEMP and submitted to the Planning Secretary no later than one (1) month before the commencement of blasting, about mid-2023.
4.8	Flora and Fauna Management Sub-Plan and EWMS for clearing and grubbing	Appendix B1 – FFMP
4.9	Aboriginal Cultural Heritage Management Sub-Plan and procedure for the management of unexpected potential archaeological relics	Appendix B4 – ACHMP
4.10	Non-Aboriginal Heritage Management Sub-Plan and procedure for the management of unexpected potential archaeological relics	Appendix B9 – NAHMP
4.11	Resource and Waste Management Sub-Plan and Waste Management Register	Appendix B7 – WEMP
4.13	Sensitive Areas Maps and EWMS for working in or near environmentally sensitive areas	Sections 3.7, 3.10, Appendix A6
4.14	Environmental events reporting and investigation procedure Pollution Incident Response Management Plan	Chapter 7
	Ancillary Facility Establishment Management Plan	Ancillary Facility Establishment Management Plan (AFEMP), prepared separately to this CEMP and submitted to the Planning Secretary one (1) month before the establishment of any construction ancillary facilities under CoA A15.
4.17	Flood Risk Management Plan	Appendix B6 – FMP
4.18	Coal Seam Gas Management Plan	Coal Seam Gas Management Plan, prepared separately to this CEMP as part of the Work Health and Safety Management Plan.

¹ In accordance with Annexure G36/D – Planning Documents

Table A1-4: REMMs for the project

REMM ID	Relevant CEMP document or other project documentation
Biodiversity	
BD01 – BD24	Appendix B1 – FFMP
Traffic and transport	
TT01 – TT11	Appendix B8 – TTMP
Noise and vibration	
NV01 – NV17	Appendix B2 – NVMP
Landscape character and visual impact	
LC01 – LC04	Detailed Design
LC05	Appendix B1 – FFMP Chapter 6 mitigation measure ID FFMM22, FFMM27.
LC06	Appendix B2 – NVMP Appendix C, ATTACHMENT 1 under 'OTHER CONSIDERATIONS'.
LC07	Operational Environmental Management Plan (OEMP) or Environmental Management System (EMS) or equivalent as agreed with the Planning Secretary in accordance with CoA D3.
Socio-economic, land use and property	
SL01	Community Communication Strategy (CCS)
SL02 – SL10	Detailed Design
SL11	CCS
SL12	CCS Appendix B8 – TTMP Chapter 7 mitigation measure TTMM20.
SL13	Appendix B8 – TTMP Section 5.4
SL14	Appendix B8 – TTMP Section 4.6
Flooding and drainage	
FD01 – FD07	Appendix B6 – FMP
Soils, contamination and water quality	
SW01 – SW20	Appendix B3 – SWMP
Groundwater	
GW01 – GW07	Appendix B3 – SWMP
Aboriginal heritage	
AH01 – AH04	Appendix B4 – ACHMP
Non-Aboriginal heritage	
HH01 – HH04	Appendix B9 – NAHMP
Air quality	

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REMM ID	Relevant CEMP document or other project documentation
AQ01 – AQ02	Appendix B5 – AQMP
Resource use and waste management	
RW01 – RW04	Appendix B7 – WEMP
Hazards and risk	
HR01	Incident and Emergency Response Plan (IERP) Appendix B5 – AQMP regarding no burning off.
HR02	CCS
HR03	Detailed Design
HR04	Detailed Design
HR05	Mine Remediation Management Plan, prepared separately to this CEMP.
HR06	Coal Seam Gas Management Plan, prepared separately to this CEMP as part of the Work Health and Safety Management Plan.
Greenhouse gas and climate change	
GH01 – GH05	Appendix B5 – AQMP
Cumulative impacts	
CU01	CEMP Section 3.2

Appendix A2: Environmental policy, sustainability policy and environmental performance standards



Environmental Policy

Fulton Hogan Group Policy June 2022

Protect our planet

We care for the planet, not only for ourselves, but also for future generations. We seek to reduce our impact on the environment and partner with others to lift the standards of our industry.

We will:

- Reduce our carbon emissions
- Minimise our impact on the environmental footprint through innovation and being energy and resource efficient
- Always consider how to reduce, reuse and recycle
- Respect and care for our environment, encompassing diverse aspects including flora, fauna, water, community and cultural interests
- Work with our subcontractors and suppliers to help them meet our expectations
- Consider the environment when we design, plan and deliver our work
- Make proactive use of our environmental management systems
- Set measurable objectives and targets to ensure continual improvement



CW Bruyn
Managing Director



Sustainability Policy

Fulton Hogan Group Policy June 2022

Doing the right thing now and for the long term

As we deliver good work for our customers, we must do our part to address climate change, loss of biodiversity within our environment, and to enhance social outcomes. Our approach to sustainability is consistent with our purpose of creating, connecting, and caring for communities, and our family values.

We will:

People

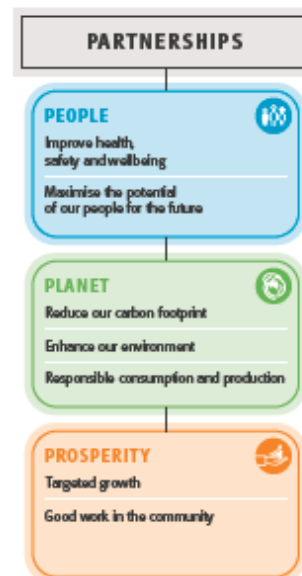
- Always put the health, safety and wellbeing of people first
- Value a performance culture, based on leadership, great people and personal development
- Live our REAL values (Respect, Energy & Effort, Attitude and Leadership) and behaviours to ensure we make sustainable decisions
- Harness and value diversity and inclusion

Planet

- Contribute towards and protect our natural environment
- Reduce our carbon emissions and impact on the environment in which we work and live, always actively seeking ways to minimise our environmental footprint
- Seek out and promote the use of products and services that use sustainable materials and reduce the carbon footprint
- Apply innovation, life-cycle thinking and effective planning to drive sustainable performance

Prosperity

- Provide long term value to our shareholders by building our reputation as a market leading business, whilst continuing to reinvest in the future growth of the company
- Share our sustainability journey with our partners, stakeholders and the broader community
- Through developing an understanding of their key priorities, build long term relationships with our communities and stakeholders
- Give back to the communities we live and work in



CW Bruyn
Managing Director

ENVIRONMENTAL PERFORMANCE STANDARDS

"OUR GREEN RULES"

**KEEP ALL
WORK INSIDE
THE BOUNDARY**



**REPORT ALL
INCIDENTS AND
UNEXPECTED FINDS**



**APPROVAL
TO WORK
OUT OF HOURS**

**FOLLOW
THE PERMIT
SYSTEM**



Permit to
discharge water



Permit to remove
vegetation and trees,



Permit to work
in waterways



Permit to apply
bitumen seal



**MUST HAVE A PLAN TO
MANAGE SITE WATER**

MANAGE NOISE & DUST AT THE WORK LOCATION.



Manage noise at
the work site



Manage dust at
the work site



Respect
our neighbors



**LAWFULLY
MANAGE WASTE**

Appendix A3: Environmental aspects and impacts and risk assessment register

Construction Environmental Management Plan

Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)



The environmental aspects and impacts and risk assessment register has been prepared by Fulton Hogan to supplement the Environmental Risk Analysis conducted as part of the EIS.

The identification of significant construction activities and associated impacts that could eventuate during construction of the Project is central to the selection of appropriate environmental mitigation measures.

The risk management process involved an assessment of all specific project activities/ aspects and resulted in the development of a list of environmental risks (effects and impacts). Once these were identified, risk levels were assigned and the appropriate risk mitigation measures allocated from the relevant Sub-Plans. Risk levels were assessed before and after implementation of indicative mitigation measures.

The identification of risks included a review of the proposed works, the CoA, and review of the environmental risks identified by the EIS as amended by the documents listed in CoA A1.

The Fulton Hogan HSQE Operational Risk Matrix used to evaluate the risk level for each potential environmental impact is provided below and overleaf, followed by the environmental aspects and impacts and risk assessment register.

HSQE Operational Risk Matrix

To be used during any required risk assessments for all Fulton Hogan activities including: SWMS, CAMs Cases, Aspects & Impacts Assessments, Workplace Risk Assessments, etc.

Step 1 - Assess the potential consequence of the unwanted event (or what could have occurred for an incident):

		Potential Consequence				
		Insignificant	Minor	Significant	Major	Catastrophic
Risk Type	Health and Safety	No treatment required	First Aid Treatment Injury	Medical Treatment Injury (MTI) OR Restricted Work Injury OR Lost Time Injury (LTI) 3 days or less	Lost Time Injury (LTI) 4 days or more OR Hospitalisation	Fatality OR Permanent disability
	Environment	No impact on or off site	On-site impact requiring routine internal remediation	Off-site impact requiring internal remediation OR on-site impact requiring substantial internal remediation	Impact on- or off-site requiring specialist external remediation	Impact on- or off-site with long term effect OR requiring immediate external response
	Quality	Accept as is OR Audit Recommendation	Minor Audit Finding (NCR)	Major Audit Finding (NCR)	Critical Audit Finding (NCR) OR Accreditation warning	Loss of accreditation
	Cost (Remedials, Plant or Property)	Less than \$1000	\$1,000 to \$10,000	\$10,000 to \$25,000	\$25,000 to \$100,000	Greater than \$100,000
	Community & Reputation	No community complaints	Isolated community complaint	Repeat community complaints OR negative local media	Frequent community complaints OR negative regional media OR Negative Social Media	Organized community opposition OR negative national media OR Viral Negative Social Media
	Regulatory	Notified / no response or Verbal directive	Verbal Warning / No Response Required	Written Warning / Cost Recovery / Response Required / Improvement Notice	Abatement Notice / Infringement Notice / Prohibition Notice	Prosecution / Enforcement Order
	Business Interruption	No interruption to work	Work interrupted	Temporary site closure (less than a day)	Temporary site closure (more than a day)	Permanent site closure or eviction

Step 2- Using the Potential Consequence, decide on the likelihood of occurrence to categorise the incident or hazard risk rating.

		Potential Consequence Level				
		Insignificant	Minor	Significant	Major	Catastrophic
Potential Likelihood Level	Almost Certain <i>The potential consequence is expected to occur in most circumstances</i>	Med 11	High 16	High 20	Ext 23	Ext 25
	Likely <i>The potential consequence will probably occur in most circumstances</i>	Med 7	Med 12	High 17	High 21	Ext 24
	Possible <i>The potential consequence is expected to occur at some time</i>	Low 4	Med 8	Med 13	High 18	High 22
	Unlikely <i>The potential consequence could occur at some time</i>	Low 2	Low 5	Med 9	Med 14	High 19
	Rare <i>The potential consequence may occur in exceptional circumstances</i>	Low 1	Low 3	Low 6	Med 10	Med 15

RISK LEVELS	SCORES	PARAMETERS
EXTREME	23 – 25	If the post-control risk is EXTREME the activity MUST NOT proceed. Elimination, substitution, isolation and/or engineering controls must be put in place to reduce the risk rating to LOW or MEDIUM
HIGH	16 – 22	If the post-control risk is High the activity MUST NOT proceed. Alternate controls must be put in place to reduce the risk rating to LOW or MEDIUM
MEDIUM	7 – 15	The activity can proceed so long as the highest level and most appropriate risk control measures have been identified and implemented
LOW	1 – 6	Activity may proceed with normal supervision after implementing control measures

Table A3-1: Environmental aspects and impacts and risk assessment register

Project: Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J)

ACTIVITY BEING UNDERTAKEN <i>(What am I doing?)</i>	HAZARD/SOURCE OF IMPACT	IMPACT ON ENVIRONMENT <i>(What can wrong?)</i>	PRE-CONTROL RISK			MITIGATION MEASURES (ID provided under 'Environmental mitigation measures' in the relevant Sub-Plan)	POST-CONTROL RISK		
			CONSEQUENCE	LIKELIHOOD	RISK RATING		CONSEQUENCE	LIKELIHOOD	RISK RATING
Aboriginal Cultural Heritage									
Earthworks (topsoil, new and existing concrete, fill), including vegetation clearing	Ground disturbance, clearing, vibration from plant and equipment, non-adherence to exclusion zones, vehicle movement.	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	ACHMM1, ACHMM3 - ACHMM7	Significant	Unlikely	Med 9
		Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	ACHMM2	Significant	Unlikely	Med 9
Stockpiling, ancillary facility site/site compound use, loading and haulage	Ground disturbance, over-clearing, vibration from plant and equipment, non-adherence to exclusion zones, vehicle movement.	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	ACHMM1, ACHMM3 - ACHMM7	Significant	Unlikely	Med 9
		Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	ACHMM2	Significant	Unlikely	Med 9
Utility adjustments (existing services, electricity, telecommunications, water and sewer, gas, traffic signals)	Ground disturbance, vibration, non-adherence to exclusion zones, vehicle movements	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	ACHMM1, ACHMM3 - ACHMM7	Significant	Unlikely	Med 9
		Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	ACHMM2	Significant	Unlikely	Med 9
Piers/piling	Ground disturbance, over-clearing, vibration from plant and equipment, non-adherence to exclusion zones, vehicle movement.	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	ACHMM1, ACHMM3 - ACHMM7	Significant	Unlikely	Med 9
		Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	ACHMM2	Significant	Unlikely	Med 9
Non-Aboriginal Heritage									
Earthworks (topsoil, new and existing concrete, fill), including vegetation clearing	Ground disturbance, clearing, vibration from plant and equipment, non-adherence to exclusion zones, vehicle movement.	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	NAHMM1, NAHMM3 - NAHMM7	Significant	Unlikely	Med 9
		Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	NAHMM2	Significant	Unlikely	Med 9
Stockpiling, ancillary facility site/site compound use, loading and haulage	Ground disturbance, over-clearing, vibration from plant and equipment, non-adherence to exclusion zones, vehicle movement.	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	NAHMM1, NAHMM3 - NAHMM7	Significant	Unlikely	Med 9
		Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	NAHMM2	Significant	Unlikely	Med 9
Utility adjustments (existing services, electricity,	Ground disturbance, vibration, non-adherence to exclusion zones, vehicle	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	NAHMM1, NAHMM3 - NAHMM7	Significant	Unlikely	Med 9

telecommunications, water and sewer, gas, traffic signals)	movements	Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	NAHMM2	Significant	Unlikely	Med 9
Piers/piling	Ground disturbance, over-clearing, vibration from plant and equipment, non-adherence to exclusion zones, vehicle movement.	Damage/ impacts to known heritage item/ site	Significant	Likely	High 17	NAHMM1, NAHMM3 - NAHMM7	Significant	Unlikely	Med 9
		Damage/ impacts to unknown heritage item/ site	Significant	Possible	Med 13	NAHMM2	Significant	Unlikely	Med 9
Flora and Fauna									
Earthworks, including vegetation clearing	Sediment laden runoff from disturbed area Vehicular movements Vegetation clearing occurs outside the clearing limits	Loss of unexpected threatened ecological community/species	Major	Likely	High 21	FFMM3 - FFMM5	Major	Unlikely	Med 14
		Loss of native vegetation/ fauna habitat	Significant	Unlikely	High 17	FFMM1, FFMM2, FFMM6 - FFMM15	Minor	Unlikely	Low 5
		Terrestrial fauna mortality / injury	Significant	Likely	High 17	FFMM16 - FFMM17	Significant	Unlikely	Med 9
		Invasion of weeds or spread of pathogens, including Phytophthora, Myrtle Rust and Chytrid fungus.	Significant	Possible	Med 13	FFMM21 - FFMM25	Significant	Unlikely	Med 9
		Reduced water quality in local waterways and loss of fish	Major	Likely	High 21	FFMM26 - FFMM28	Major	Unlikely	Med 14
Stockpiling	Sediment laden runoff from disturbed area Vehicular movements Stockpiling occurs outside allowable areas	Loss of unexpected threatened ecological community/species	Major	Likely	High 21	FFMM3 - FFMM5	Major	Unlikely	Med 14
		Loss of native vegetation/ fauna habitat	Major	Possible	High 18	FFMM1, FFMM2, FFMM6 - FFMM15	Major	Unlikely	Med 14
		Invasion of weeds or spread of pathogens, including Phytophthora, Myrtle Rust and Chytrid fungus.	Significant	Possible	Med 13	FFMM21 - FFMM25	Significant	Unlikely	Med 9
		Reduced water quality in local waterways and loss of fish	Major	Likely	High 21	FFMM26 - FFMM28	Major	Unlikely	Med 14
Night Works	Light spill	Disturbance to surrounding habitat	Significant	Possible	Med 13	FFMM29	Significant	Unlikely	Med 9
Air Quality									
Earthworks, including vegetation clearing, materials processing	Mud tracking Wind erosion Poorly maintained equipment Dust impact on road users	Loss of reusable material, such as top soil and backfill material	Major	Likely	High 21	AQMM1, AQMM2, AQMM3, AQMM9	Significant	Possible	Med 13
		Mud tracking on public roads resulting in road safety issues and community complaints	Major	Likely	High 21	AQMM1, AQMM2, AQMM7, AQMM9, AQMM10	Significant	Possible	Med 13
		Amenity impacts to sensitive receivers when dust is deposited on surfaces resulting in community complaints	Major	Possible	High 18	AQMM1 - AQMM13	Major	Unlikely	Med 14
		Reduced water quality in local waterways when dust is deposited in waterways.	Major	Possible	High 18	AQMM1 - AQMM13	Major	Unlikely	Med 14
		Health and environmental impacts due to poorly maintained equipment	Minor	Possible	Med 8	AQMM14 - AQMM19	Major	Unlikely	Low 5

Stockpiling, material loading and material haulage	Mud tracking Wind erosion Poorly maintained equipment	Mud tracking on public roads resulting in road safety issues and community complaints	Major	Likely	High 21	AQMM1, AQMM2, AQMM7, AQMM9, AQMM10	Significant	Possible	Med 13
		Amenity impacts to sensitive receivers when dust is deposited on surfaces resulting in community complaints.	Major	Possible	High 18	AQMM1 - AQMM13	Major	Unlikely	Med 14
		Reduced water quality in local waterways when dust is deposited in waterways	Major	Possible	High 18	AQMM1 - AQMM13	Major	Unlikely	Med 14
		Health and environmental impacts due to poorly maintained equipment	Minor	Possible	Med 8	AQMM14 - AQMM19	Minor	Unlikely	Low 5
Noise and Vibration									
Earthworks	Noise and vibration generated during earthworks	Noise from earthworks causes disturbances and leads to community complaints	Major	Likely	High 21	NVMM1 - NVMM31	Significant	Possible	Med 13
		Vibration from excavation or compaction works causes disturbanc or damage to structures and leads to community complaints	Major	Possible	High 18	NVMM32 - NVMM45	Major	Unlikely	Med 14
Utilities / Diversion	Noise and vibration from utilities and diversion works	Noise from works causes disturbance and leads to community complaints	Major	Likely	High 21	NVMM1 - NVMM31	Significant	Possible	Med 13
		Vibration from excavation or compaction works causes disturbanc or damage to structures and leads to community complaints	Major	Possible	High 18	NVMM32 - NVMM45	Major	Unlikely	Med 14
Paving / roadworks	Noise and vibration from pavement construction	Noise from paving works causes disturbance and leads to community complaints	Major	Likely	High 21	NVMM1 - NVMM31	Major	Unlikely	Med 14
		Vibration from paving works causes disturbance or damage to structures and leads to community complaints	Major	Possible	High 18	NVMM32 - NVMM45	Major	Unlikely	Med 14
Rehabilitation / landscaping	Noise and vibration from rehabilitation / landscaping works	Noise from works causes disturbance and leads to community complaints	Major	Possible	High 18	NVMM1 - NVMM31	Significant	Possible	Med 13
		Vibration from works causes disturbance or damage to structures and leads to community complaints	Major	Possible	High 18	NVMM32 - NVMM45	Major	Unlikely	Med 14
Out of Hours works	Noise outside of standard construction hours and extended hours	Noise from works carried out outside of the standard construction hours, including critical OOHw, results in community complaints	Major	Likely	High 21	NVMM1	Major	Unlikely	Med 14
			Major	Possible	High 18	NVMM32	Major	Unlikely	Med 14
Bridge works (including piling)	Noise and vibration generated during bridge works	Noise from bridge works causes disturbance and leads to community complaints	Major	Likely	High 21	NVMM1 - NVMM31	Major	Unlikely	Med 14
			Major	Likely	High 21	NVMM32 - NVMM44	Major	Unlikely	Med 14
Stockpiling and other activities associated with the operation of ancillary facilities.	Noise and vibration from plant operations.	Extended operations of noise intensive activities at ancillary activities results in complaints	Major	Likely	High 21	NVMM1 - NVMM31	Significant	Possible	Med 13

		Vibration generated by compaction works or other vibration intensive works results in complaints	Major	Possible	High 18	NVMM32 - NVMM45	Major	Unlikely	Med 14
Erosion, sedimentation and water quality									
Vegetation clearing and topsoil stripping	Sediment laden runoff from disturbed areas Diesel/fuel spills	Reduced water quality in local waterways due to increased turbidity and sediment loading	Significant	Possible	Med 13	SWMM1 - SWMM47, SWMM72 - SWMM76	Insignificant	Possible	Low 4
		Contamination of surface water by petroleum hydrocarbons	Minor	Possible	Med 8	SWMM53 - SWMM61	Minor	Unlikely	Low 5
Earthworks	Sediment laden runoff from disturbed areas Diesel/fuel spills Mud tracking Groundwater seepage in excavations	Reduced water quality in local waterways due to increased turbidity and sediment loading	Major	Almost Certain	Ext 23	SWMM1 - SWMM47, SWMM72 - SWMM76	Significant	Possible	Med 13
		Contamination of surface and groundwater by petroleum hydrocarbons or contaminated land	Minor	Possible	Med 8	SWMM53 - SWMM61, SWMM63 - SWMM69	Minor	Unlikely	Low 5
		Mud tracking on public roads resulting in road safety issues and community complaints	Major	Almost Certain	Ext 23	SWMM27	Insignificant	Possible	Low 4
		Uncontrolled discharges of potentially acidic groundwater and altered groundwater flows	Significant	Unlikely	Med 9	SWMM67 - SWMM71	Minor	Rare	Low 3
Site Access	Overclearing in riparian areas Fines from rock fill Mud tracking Diesel/fuel spills	Reduced water quality in local waterways due to increased turbidity and sediment loading	Major	Almost Certain	Ext 23	SWMM1 - SWMM47, SWMM72 - SWMM76	Significant	Possible	Med 13
		Adverse impact on aquatic ecosystems	Significant	Likely	High 17	SWMM34 - SWMM39	Minor	Possible	Med 8
		Contamination of surface water by petroleum hydrocarbons	Minor	Possible	Med 8	SWMM53 - SWMM61	Minor	Unlikely	Low 5
Culvert and drainage works	Sediment laden runoff Diesel/fuel spills Concrete slurry spills Groundwater seepage in excavations	Reduced water quality in local waterways due to increased turbidity and sediment loading	Major	Almost Certain	Ext 23	SWMM1 - SWMM47, SWMM72 - SWMM76	Significant	Possible	Med 13
		Contamination of surface and groundwater by petroleum hydrocarbons	Minor	Possible	Med 8	SWMM53 - SWMM61	Minor	Unlikely	Low 5
		Contamination of surface water by concrete slurry	Minor	Possible	Med 8	SWMM48 - SWMM52	Insignificant	Possible	Low 4
		Uncontrolled discharges of potentially acidic groundwater and altered groundwater flows	Significant	Unlikely	Med 9	SWMM67 - SWMM71	Minor	Rare	Low 3
Services/utilities relocation	Sediment laden runoff Diesel/fuel spills Groundwater seepage in excavations	Reduced water quality in local waterways due to increased turbidity and sediment loading	Major	Almost Certain	Ext 23	SWMM1 - SWMM47, SWMM72 - SWMM76	Significant	Possible	Med 13
		Contamination of surface and groundwater by petroleum hydrocarbons	Minor	Possible	Med 8	SWMM53 - SWMM61	Minor	Unlikely	Low 5
		Uncontrolled discharges of potentially acidic groundwater and altered groundwater flows	Significant	Unlikely	Med 9	SWMM67 - SWMM71	Minor	Rare	Low 3

Materials stockpiling – mulch, topsoil.	Tannin leachate runoff Sediment laden runoff Acidic surface or groundwater Dust	Contamination of surface water by tannins	Significant	Likely	High 17	SWMM29	Significant	Unlikely	Med 9
		Negative impact on aquatic ecosystems, i.e. habitat degradation, fish kills and weed invasion	Significant	Likely	High 17	SWMM34 - SWMM39	Minor	Possible	Med 8
		Reduced water quality in local waterways due to increased turbidity and sediment loading from unstabilised stockpiles	Major	Almost Certain	Ext 23	SWMM22, SWMM25, SWMM42, SWMM72 - SWMM76	Significant	Possible	Med 13
Paving activities	Hydrocarbon spills Impact on water quality	Contamination of surface water by petroleum hydrocarbons	Major	Possible	High 18	SWMM53 - SWMM56	Minor	Unlikely	Low 5
Waste and energy									
Demolition	Demolition waste including structures, pipe work and pavements.	Inappropriate disposal of waste	Significant	Possible	Med 13	WEMM1, WEMM6, WEMM7, WEMM8, WEMM9, WEMM10, WEMM19.	Significant	Unlikely	Med 9
		Greenhouse gas emissions due to consumption of energy from non-renewable resources, such as diesel.	Insignificant	Almost Certain	Med 11	WEMM21, WEMM22, WEMM25, WEMM26.	Insignificant	Likely	Med 7
		Cross-contamination of waste	Significant	Likely	High 17	WEMM11, WEMM19.	Significant	Possible	Med 13
Clearing and grubbing	Green waste Garbage in the median	Inappropriate disposal of waste	Significant	Possible	Med 13	WEMM1, WEMM6, WEMM7, WEMM8, WEMM9, WEMM10, WEMM19.	Significant	Unlikely	Med 9
		Waste received on site unlawfully	Significant	Likely	High 17	WEMM3	Insignificant	Likely	Med 7
		Greenhouse gas emissions due to consumption of energy from non-renewable resources, such as diesel.	Insignificant	Almost Certain	Med 11	WEMM21, WEMM22, WEMM25, WEMM26.	Insignificant	Likely	Med 7
Site establishment and general construction works, including at ancillary facility sites	Surplus material. Packaging materials from items delivered to the site, such as pallets, crates. General office wastes generated by onsite personnel, such as paper, cardboard, beverage containers and food wastes. Effluent generated at site amenities during construction. Operation of site compounds and lighting.	Inappropriate disposal of waste	Significant	Possible	Med 13	WEMM1, WEMM6, WEMM7, WEMM8, WEMM9, WEMM10, WEMM11, WEMM16, WEMM19, WEMM20.	Significant	Unlikely	Med 9
		Litter	Minor	Likely	Med 12	WEMM2 WEMM11.	Minor	Possible	Med 8
		Excessive packaging on products delivered to site.	Minor	Likely	Med 12	WEMM1, WEMM5.	Minor	Possible	Med 8
		Excessive paper use.	Minor	Likely	Med 12	WEMM1 - WEMM18	Minor	Unlikely	Low 5
		Paper from office cross-contaminated with food waste.	Minor	Likely	Med 12	WEMM16	Minor	Unlikely	Low 5
		Over-ordering of materials resulting in waste.	Minor	Likely	Med 12	WEMM4	Minor	Unlikely	Low 5
		Greenhouse gas emissions due to consumption of energy from non-renewable resources.	Insignificant	Almost Certain	Med 11	WEMM21, WEMM23, WEMM24	Insignificant	Likely	Med 7
		Waste received on site unlawfully	Significant	Likely	High 17	WEMM3	Insignificant	Likely	Med 7
		Cross-contamination of waste	Significant	Likely	High 17	WEMM11, WEMM16, WEMM19	Significant	Possible	Med 13
Earthworks	Soil and rock, unable to be reused within the Project. Exposure of contaminated soils.	Inappropriate disposal of waste	Significant	Possible	Med 13	WEMM1, WEMM6, WEMM7, WEMM8, WEMM9, WEMM10, WEMM15.	Significant	Unlikely	Med 9
		Inefficient use of available resources.	Minor	Likely	Med 12	WEMM13, WEMM14	Minor	Unlikely	Low 5
		Greenhouse gas emissions due to consumption of energy from non-renewable resources.	Insignificant	Almost Certain	Med 11	WEMM21, WEMM22, WEMM25, WEMM26	Insignificant	Likely	Med 7
		Waste received on site unlawfully	Significant	Likely	High 17	WEMM3	Insignificant	Likely	Med 7
		Increased greenhouse gas emissions due to the purchase of non-local products/services.	Insignificant	Almost Certain	Med 11	WEMM23	Insignificant	Unlikely	Low 2

		Spread of contaminated waste	Significant	Unlikely	Med 9	WEMM6, WEMM7, WEMM8, WEMM9, WEMM10.	Significant	Rare	Low 6
Traffic and transport									
All construction activities	Construction vehicles movements, deliveries of construction materials and access restrictions for pedestrians and cyclists	Construction impacts on highway traffic and local roads	Significant	Likely	High 17	TTMM1 - TTMM4, TTMM6 - 13, TTMM15 - TTMM25	Significant	Possible	Med 13
		Construction impacts on pedestrians and cyclists	Significant	Likely	High 17	TTMM2, TTMM5, TTMM6, TTMM12, TTMM14, TTMM20 - TTMM23	Significant	Possible	Med 13
Flooding									
Installation of temporary construction ancillary facilities, erosion and sediment controls, or construction hoarding	Interruption of overland flow paths and impacts to existing drainage network	Impacts on flood behaviour and overland flows during construction	Major	Possible	High 18	FMM2, FMM3, FMM4, FMM5, FMM6	Major	Unlikely	Med 14
	Evacuation process	Failure to safely evacuate/ remove or secure loose material, remove plant and equipment etc.	Significant	Possible	Med 13	FMM1	Significant	Unlikely	Med 9

Appendix A4: Not used

Appendix A5: Consultation evidence from public authorities and RAPs

Correspondence evidence is provided in the following order:

Traffic and Transport Management Sub-Plan (TTMP)

1. *City of Newcastle*
2. *Health Administration Corporation*
3. *Emergency Service Providers*
 - a. *Fire & Rescue*
 - b. *Newcastle District Police*

Noise and Vibration Management Sub-Plan (NVMP)

1. *City of Newcastle*
2. *Health Administration Corporation*

Flora and Fauna Management Sub-Plan (FFMP)

1. *DPI Fisheries*
2. *City of Newcastle*

Air Quality Management Sub-Plan (AQMP)

1. *City of Newcastle*
2. *Health Administration Corporation*

Soil and Water Management Sub-Plan (SWMP)

1. *City of Newcastle*
2. *DPI Fisheries*
3. *DPE Water*

Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)

1. *Heritage NSW*
2. *Registered Aboriginal Parties, including:*
 - a. *Awabakal Local Aboriginal Land Council*
 - b. *Wattaka Wonnarua Cultural Consultancy Services*
 - c. *Awabakal Traditional Owners Aboriginal Corporation*
 - d. *Kerrie Brauer & Ors on behalf of the Awabakal and Guringai People (Awabakal and Guringai People)*
 - e. *Hunter Valley Cultural Surveying*
 - f. *Aboriginal and Native Title Corporation (Valley ELM Corp)*

- g. Kevin Duncan*
- h. Wonnarua Elder LHWCS*
- i. Widescope Indigenous Group*
- j. Amanda Hickey Cultural Services*
- k. A1 Indigenous Services*
- l. Lower Hunter Aboriginal Incorporated*
- m. Wonn1 (Entity of Kauwul Pty Ltd)*
- n. Didge Ngunawal Clan*
- o. Murra Bidgee Mullangari Aboriginal Corporation Cultural Heritage*
- p. Yinarr Cultural Services*
- q. Awabakal Descendants Traditional Owners*

Flood Management Sub-Plan (FMP)

- 1. City of Newcastle*

TTMP

City of Newcastle



PROJECT NO FH_RP2J
PROJECT Newcastle Inner City Bypass - Rankin Park to Jesmond
COMPANY

PHONE 02 8346 9400
FAX 02 8346 9444
REF EML:FH-FH#0016

Incoming Email

STATUS INITIATED

ISSUED 8-NOV-22 12:57 PM			DUE 15-NOV-22 12:55 PM		
AUTHOR	COMPANY	ADDRESS	PHONE	FAX	MOBILE
COLLABORATORS	ACTION				
INFO					
Rebekah Byrne Fulton Hogan Construction Level 3, 90 Bourke Rd, Alexandria, NSW 2015			02 8346 9400	02 8346 9444	0403 089 028

FW: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

Email

From: Peter R. McMurray[prmcsmurray@ncc.nsw.gov.au]
Date: Tuesday, November 8, 2022 12:55:53 PM
To: FH_RP2J@au.itwocx.com
CC: BYRNE, Rebekah; Robyn Muller

Hi Dell

I have reviewed the comments below and confirm they have been satisfactorily addressed.

No issues with progressing with the CEMP/TTMP approval process.

Regards

Peter

Peter R. McMurray | Asset Services Manager

City of Newcastle | City Infrastructure

Assets & Facilities | Asset Services

E: prmcsmurray@ncc.nsw.gov.au | T: +61249742613 | M: +61435084271

Newcastle is a liveable, sustainable, inclusive global city.

Cooperation | Respect | Excellence | Wellbeing

City of Newcastle acknowledges the Traditional Custodians of the land
of the Newcastle LGA, the Awabakal and Worimi peoples.

From: SIMPSON, Dell
Sent: Friday, 4 November 2022 3:09 PM
To: Robyn Muller
Cc: Peter R. McMurray ; BYRNE, Rebekah
Subject: RE: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

[EXTERNAL] This email originated from outside of the organisation.

Hi Robyn,

Thank you for providing details on specific infrastructure dilapidation requirements for CoN. The provision of this information is noted by FH, noting that FH have previously corresponded with Peter McMurray from CoN with regards to Dilapidation reporting.

Additionally the following sections of the TTMP confirm that dilapidation and maintenance will be undertaken in consultation and cooperation with City of Newcastle.

Section 5.10
Section 5.11

I have updated the provided comment register to document your comment and the FH response.

Could CoN please confirm the comments have been satisfactorily addressed? This will allow Fulton Hogan to progress with the CEMP/TTMP approvals process.

If you have any queries, feel free to contact me on 0499 211 173.

Dell Simpson | Senior Project Engineer | **Fulton Hogan** | Level 3, 90 Bourke Road, Alexandria, NSW, 2015 | PO Box 6099, Alexandria, NSW, 2015 | Tel: 0499 211 173 | www.fulthoghan.com

From: Robyn Muller <rmuller@ncc.nsw.gov.au>
Sent: Friday, 4 November 2022 11:50 AM
To: SIMPSON, Dell <Dell.Simpson@fulthoghan.com.au>; BYRNE, Rebekah <Rebekah.Byrne@fulthoghan.com.au>
Cc: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>
Subject: FW: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

Good Afternoon Dell

We have completed final review of the Traffic and Transport Management Sub-Plan.

Please see our further comments:

Dilapidation of street trees given traffic movements
Dilapidation surveys are to include Closed Circuit Television (CCTV) digital recordings and reporting of all piped drainage road crossings within local roads that are not identified as heavy vehicle routes. CCTV recordings and reporting to be in accordance with Appendix 11 of City of Newcastle's (CN) Stormwater and Water Efficiency for Development Technical Manual. Contact CN to obtain asset IDs prior to performing CCTV surveys. All pre and post construction recordings and reports are to be submitted to CN. If the CCTV and database is non-compliant, it will be rejected by CN and must be completed again. Identified damage must be repaired and the remediation technique must be approved by CN prior to undertaking any works.

Regards

Robyn Muller | Assets Support Officer

City of Newcastle | City Infrastructure

Assets & Facilities | Asset Services

E: rmuller@ncc.nsw.gov.au | T: +61249742670

Newcastle is a liveable, sustainable, inclusive global city.

Cooperation | Respect | Excellence | Wellbeing

City of Newcastle acknowledges the Traditional Custodians of the land

of the Newcastle LGA, the Awabakal and Worimi peoples.

From: SIMPSON, Dell <Dell.Simpson@fultonhogan.com.au>
Sent: Friday, 28 October 2022 3:35 PM
To: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>; BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Cc: Anton.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>
Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

[EXTERNAL] This email originated from outside of the organisation.

Hi Peter,

Re: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

Please find attached Revision 3 of the Traffic and Transport Management Sub-Plan (TTMP) and the comment register including response to City of Newcastle (CoN) comments on the TTMP.

<https://fultonhogan.sharefile.com/d-s02e9a926b2294a8c840527e15bc1a57d>

Following review of the TTMP responses, could CoN please confirm the comments have been satisfactorily addressed. This will allow Fulton Hogan to progress with the CEMP/TTMP approvals process.

If you have any queries, feel free to contact me on 0499 211 173.

Dell Simpson | Senior Project Engineer | **Fulton Hogan** | Level 3, 90 Bourke Road, Alexandria, NSW, 2015 | PO Box 6099, Alexandria, NSW, 2015 | Tel: 0499 211 173 | www.fultonhogan.com

From: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>
Sent: Friday, 23 September 2022 8:50 AM
To: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Cc: Anton.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>; SIMPSON, Dell <Dell.Simpson@fultonhogan.com.au>
Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

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Thanks Rebekah

I have submitted documents for internal review and comment with a 10 day turnaround for submission back to me.

I aim to have all comments back to you by CoB Friday 7 October 2022.

Regards

Peter

Peter R. McMurray | Asset Services Manager

City of Newcastle | Infrastructure & Property

Assets & Projects | Asset Services

E: prmcurray@ncc.nsw.gov.au | T: +61249742613 | M: +61435084271

Newcastle is a liveable, sustainable, inclusive global city.

Cooperation | Respect | Excellence | Wellbeing

City of Newcastle acknowledges the Traditional Custodians of the land

of the Newcastle LGA, the Awabakal and Worimi peoples.

From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Sent: Wednesday, 21 September 2022 5:03 PM
To: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>
Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>; SIMPSON, Dell <Dell.Simpson@fultonhogan.com.au>
Subject: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

[EXTERNAL] This email originated from outside of the organisation.

Hi Peter,

Re: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

Please find Revision 2 of the Traffic and Transport Management Sub-Plan (TTMP) for your review and comment at the link below. Please include your comments in the Comment Register provided at the same link.

Citrix Attachments		Expires March 20, 2023
CEMP - Comment Register 210922.xlsx		35.9 KB
RP2J-TTMP [REV2] 210922.pdf		11 MB
Download Attachments		

Citrix Attachments

Expires March 20, 2023

Salar Aga uses Citrix Files to share documents securely.

In accordance with condition C4 of the project approval, we are required to consult with City of Newcastle during the preparation of our TTMP.

Please note - this is not the only opportunity you will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the TTMP.

It would be appreciated if you could please provide your comments on the TTMP by Friday 7 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | Fulton Hogan | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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ATTACHMENTS

THUMBS LIST

Select All



COMMENTS

[show changes](#)

Peter R. McMurray (FH-805305)

8-NOV-22 12:57 PM

INITIATED

FW: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment : Initiated: By email: prmcurray@ncc.nsw.gov.au

CEMP COMMENT REGISTER - Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)

REVIEWERS RESPONSE AGREEMENT STATUS
C Closed
CT Closed and transferred to new comment
CS Closed SUBJECT TO additional action / information

REVIEWERS RESPONSE AGREEMENT STATUS
C Closed
CT Closed and transferred to new comment
CS Closed SUBJECT TO additional action / information

[illegible]

TTMP

Health Administration Corporation

SIMPSON, Dell

From: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Sent: Thursday, 10 November 2022 11:39 AM
To: SIMPSON, Dell; BYRNE, Rebekah
Subject: Fwd: Traffic & Transport Sub-Plan (TTMP) for the RP2J Project – For review and comment
Attachments: CEMP - Comment Register 221012 - JHH - FH 03.11_APP COMMENT 221110.xlsx

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FYI

Comments close out for TTMP.

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From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Thursday, 10 November 2022, 11:17 am
To: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Cc: Antonn Russek <antonn.russek@transport.nsw.gov.au>; Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Traffic & Transport Sub-Plan (TTMP) for the RP2J Project – For review and comment

CAUTION: This email is sent from an external source. Do not click any links or open attachments unless you recognise the sender and know the content is safe.

Morning Lawson

See attached acceptance of comments – we note the importance of the consultation of the fire trails wrt final configuration of future fire trails and bushwalking tracks interfacing with the JHH Campus and this will be discussed at interface and PCG meetings.

Scott Liddell

Project Director
Northern Region

Health Infrastructure

M 0417 285 262 **E** scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065
Locked Bag 2030, St Leonards NSW 1590

As we work flexibly at HI I am emailing at a time that suits me.

My working days are:

Monday to Thursday

Every second Friday (wk 2 and 4 of the month)

I respect your choice of working hours and don't expect a response outside of them.



I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

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Please consider the environment before printing this email.

From: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Sent: Thursday, 10 November 2022 9:05 AM
To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Cc: Antonn Russek <anton.n.russek@transport.nsw.gov.au>; Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Traffic & Transport Sub-Plan (TTMP) for the RP2J Project – For review and comment

Hi Scott,

Just wanted confirm if HAC is satisfied with the responses on the TTMP?

We're looking to submit to DPE in the next few days.

Thanks,

Lawson Gill

Senior Environment and Sustainability Officer
Environment and Sustainability
Safety, Environment and Regulation

Transport for NSW

M +61 448 768 382 **E** lawson.gill@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

Please consider the environment before printing this email.

From: Lawson Gill
Sent: Monday, 7 November 2022 4:46 PM
To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Cc: Antonn Russek <antonn.russek@transport.nsw.gov.au>; Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Traffic & Transport Sub-Plan (TTMP) for the RP2J Project – For review and comment

Hi Scott,

Sorry in the delay getting back to you, I had a few days off last week.

Please find attached FH responses to HAC's comments on the TTMP. The comments noted below have been consolidated into the attached comments register.

After review can you confirm acceptance of the responses. If you have any comments or queries on the responses we're happy to facilitate a meeting to discuss in further detail.

Regards,

Lawson Gill
Senior Environment and Sustainability Officer
Environment and Sustainability
Safety, Environment and Regulation
Transport for NSW

M +61 448 768 382 **E** lawson.gill@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

Please consider the environment before printing this email

From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Wednesday, 2 November 2022 12:11 PM
To: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Cc: Antonn Russek <antonn.russek@transport.nsw.gov.au>; Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Traffic & Transport Sub-Plan (TTMP) for the RP2J Project – For review and comment

CAUTION: This email is sent from an external source. Do not click any links or open attachments unless you recognise the sender and know the content is safe.

Afternoon Lawson

Thanks for sharing the response to comments – our team has reviewed further and note:

- **Item 6, 18** – Suggest that any changes to the fire trails/ walking tracks leading into the JHHIP site are presented to HI/ LHD/ APP/ Multiplex via the JHHIP/ RP2J Project Control Group for comment and/or support with the respective Fire Authorities?
- **Item 10** – Noting there are no vehicle movements proposed through the JHH Precinct, we still request that a copy of their pre-commencement dilapidation report is provided. There is some overlap between the two projects (e.g. both projects will utilise Lookout Road in front of the hospital) and should therefore be covered in both dilapidation surveys. The project have provided the MPX developed Dilapidation report as part of our pre-commencement requirements;
- **Item 13** – We still believe would be worth including reference to the JHHIP RP2J Control Group in the actual TMP. This Control Group is important forum for communication and governance support on all interface matters for the project including traffic management.
- **Item 14** –At the meeting held last Friday (28/10), Fulton Hogan confirmed that dust monitors would be installed along the eastern boundary of their project (against the western boundary of the JHHIP site).

CEMP Sub-Plan	TTMSP and AQMP
Revision	3
Date Issued	03/11/2022

CEMP COMMENT REGISTER - Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)

COMPLIANCE STATUS
O Observation/Comment
N Non-Compliant
I Incorrect

REVIEWERS RESPONSE AGREEMENT STATUS
C Closed
CI Closed and transferred to new comment
CS Closed SUBJECT TO additional action / information

REVIEWERS RESPONSE AGREEMENT STATUS
C Closed
CI Closed and transferred to new comment
CS Closed SUBJECT TO additional action / information

REVIEWER								FULTON HOGAN				REVIEWER				FULTON HOGAN								REVIEWER			
Item	Reviewer	Organisation	Date	Document Reference	Reviewer Comments	Contract Ref.	Compliance Status	Fulton Hogan Response	By	Amendments to Documentation	Response Status	Additional Action	New Comment Reference ID	Date Closed	Fulton Hogan Response	By	Amendments to Documentation	Response Status	Additional Action	New Comment Reference ID	Date Closed						
1	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 3.4 Table 3 TT01	Fulton Hogan to confirm that the JHH Road Network is not proposed to be used for construction access including light vehicle movements, deliveries and movements of construction equipment.	n/a	O	Section 5.2.2 updated to clarify: <i>For the avoidance of doubt the John Hunter Health Road Network is not proposed for use for any construction access (inclusive of light vehicles)</i>	DS	Completed	C	No additional action		2/11/2022													
2	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 3.4 Table 3 TT02	Fulton Hogan to confirm that there will be no impacts to property access to any of the facilities located within the JHH Precinct during the works.	n/a	O	Section 5.2.2 updated to clarify: <i>In addition, Fulton Hogan will consult with, and address any concerns raised by NSW Health and emergency service providers if any aspect of the construction activities is likely to affect access to John Hunter Hospital and emergency services operations or traffic prior to the access being affected. For the avoidance of doubt, property access via the John Hunter Health Road Network will not be affected.</i>	DS	Completed	C	No additional action		2/11/2022													
3	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 3.4 Table 3 TT04	Fulton Hogan to consult with HI prior to any changes to public transportation routes/ bus stops servicing the JHH Precinct.	n/a	O	Section 5.7 updated: <i>Notification of changes to transport routes / bus stops will also be provided to John Hunter Hospital.</i>	DS	Completed	C	No additional action		2/11/2022													
4	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 3.4 Table 3 TT06	Fulton Hogan to ensure that the Shared Path located between the JHH Precinct (north) and Roberts Circuit is maintained for the duration of the RP2J works.	n/a	O	Section 4.6 updated to clarify: <i>For the avoidance of doubt, the Shared path located between the JHH Precinct (north) and Roberts Circuit will be maintained for the duration of works.</i>	DS	Completed	C	No additional action		2/11/2022													
5	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 4.4	Fulton Hogan to provide details of how they are proposing to ensure that the JHH Precinct car parks will not be utilised for construction parking during the RP2J Project. Fulton Hogan to provide details of proposed ancillary construction parking areas via the RP2J JHHIP Control Group.	n/a	O	Section 4.4 and relevant section 5.8 additional wording added: <i>For the avoidance of doubt, construction personnel will not utilise the John Hunter Precinct parking during the project .</i>	DS	Completed	C	No additional action		2/11/2022													
6	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 4.7	Fulton Hogan to provide details and consult with HI in regards to the alternate fire trails being constructed	n/a	O	Alternate fire trails are being developed in consultation with relevant fire authorities.	DS	Completed	CS	Suggest that any changes to the fire trails/ walking tracks leading into the JHHIP site are presented to HI/		2/11/2022	In accordance with CoA E74 fire trails are to be provided and implemented in consultation with the relevant fire authorities. As detailed within the TTMP this is being undertaken by FH as part of detailed design works. This comment falls	FH	Not Required	C	Noted. However, HAC would appreciate the opportunity to be consulted with respect to the final		10/11/2022						
7	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 5.1 & Section 5.1.2	Fulton Hogan to consult with HI prior to any changes to existing traffic conditions on Lookout Road in the vicinity of the JHH Precinct, including any proposed 'traffic switches'	n/a	O	Noted, additional documentation requests can be carried out separate to the CEMP approvals process via the RP2J JHHIP Control Group as required. Update to Section 5.2.2 as follows: In addition, Fulton Hogan will consult with, and address any concerns raised by NSW Health and emergency service providers if any aspect of the construction activities is likely to affect access to John Hunter Hospital and emergency services operations or traffic prior to the access being affected.	DS	Not Required	C	No additional action		2/11/2022													
8	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 5.1.1	Fulton Hogan to provide details of proposed staging plans via the RP2J JHHIP Control Group, where works impact on the JHH Precinct.	n/a	O	Noted, additional documentation requests can be carried out separate to the CEMP approvals process via the RP2J JHHIP Control Group as required. Update to Section 5.2.2 as follows: In addition, Fulton Hogan will consult with, and address any concerns raised by NSW Health and emergency service providers if any aspect of the construction activities is likely to affect access to John Hunter Hospital and emergency services operations or traffic prior to the access being affected.	DS	Completed	C	No additional action		2/11/2022													
9	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Appendix B8	Fulton Hogan to provide details of the proposed Compound A compound via RP2J JHHIP Control Group	n/a	O	Noted, additional documentation requests can be carried out separate to the CEMP approvals process via the RP2J JHHIP Control Group as required. In addition Construction Compound A is currently not proposed for use by FH.	DS	Not Required	C	No additional action		2/11/2022													
10	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 5.10	HI requests that a copy of the Dilapidation Survey be provided via the RP2J JHHIP Control Group.	n/a	O	As detailed in Section 5.2.2 - no HV movements are planned through the JHH Precinct.	DS	Not Required	CS	Noting there are no vehicle movements proposed through the JHH Precinct, we		2/11/2022	In accordance with CoA E68, dilapidation reports are required before use of Local roads by Heavy Vehicles. The TTMP has addressed that no local roads in the JHH	FH	Not Required	C	Feedback is noted, nonetheless HAC still consider that due diligence		10/11/2022						
11	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 8.4	HI requests that a copy of any findings or summaries from the Traffic Management Risk Assessment Workshop be provided via the RP2J JHHIP Control Group.	n/a	O	Noted, additional documentation requests can be carried out separate to the CEMP approvals process via the RP2J JHHIP Control Group as required.	DS	Not Required	C	No additional action		2/11/2022													
12	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	TTMSP Rev.2 Section 9	HI requests that any updates to the TTMSB be provided via the RP2J JHHIP Project Control Group.	n/a	O	Noted, additional documentation requests can be carried out separate to the CEMP approvals process via the RP2J JHHIP Control Group as required. Update to Section 5.2.2 as follows: In addition, Fulton Hogan will consult with, and address any concerns raised by NSW Health and emergency service providers if any aspect of the construction activities is likely to affect access to John Hunter Hospital and emergency services operations or traffic prior to the access being affected.	Dell	Not Required	C	No additional action		2/11/2022													
13	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	General comment	Suggest that some discussion of the JHHIP Project and the RP2J JHHIP Project Control Group is included in the TTMSB.	n/a	O	Discussion about interface management can be carried out separate to the CEMP approvals process via the RP2J JHHIP Control Group as required. JHHIP noted as relevant party in TTMM7	Dell	Not Required	CS	We still believe would be worth including reference to the JHHIP RP2J Control Group in the		2/11/2022	This comment falls outside the scope of the TTMP approval and HAC consultation process. Discussions about other contractual interface issues between Fulton Hogan, ARP and Multiplex can be	FH	Not Required	C	Noted.		10/11/2022						

TTMP

Emergency Service Providers – Fire & Rescue

SIMPSON, Dell

From: Brian Smart <Brian.Smart@fire.nsw.gov.au>
Sent: Wednesday, 12 October 2022 7:45 AM
To: SIMPSON, Dell
Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

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Hi Dell,

I can confirm that at this stage there are no comments or feedback on the TTMP from members of the Newcastle Bushfire Management Committee or Fire & Rescue NSW.

Regards

Brian.



SUPERINTENDENT BRIAN SMART
ZONE COMMANDER MN1
NEWCASTLE / LAKE MACQUARIE

M: 0488 248 058
E: brian.smart@fire.nsw.gov.au
www.fire.nsw.gov.au



From: SIMPSON, Dell <Dell.Simpson@fultonhogan.com.au>
Sent: Wednesday, 12 October 2022 7:10 AM
To: Brian Smart <Brian.Smart@fire.nsw.gov.au>
Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

CAUTION: This email originated from outside of Fire and Rescue NSW. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Hi Brian,
As discussed yesterday, can you please advise any comments on the TTMP?

Please note - this is not the only opportunity you will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the

environmental documents. This will be subject to a separate consultation process to that required for preparation of the TTMP.

Additionally I will also be forwarding our Traffic Safety Management Plan for consultation in the coming week for review.

Kind Regards,

Dell Simpson | Senior Project Engineer | **Fulton Hogan** | Level 3, 90 Bourke Road, Alexandria, NSW, 2015 | PO Box 6099, Alexandria, NSW, 2015 | Tel: 0499 211 173 | www.fultonhogan.com

From: SIMPSON, Dell

Sent: Wednesday, 28 September 2022 8:57 AM

To: 'brian.smart@fire.nsw.gov.au' <brian.smart@fire.nsw.gov.au>

Cc: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>; RUSSELL, Nathan

<Nathan.Russell@fultonhogan.com.au>; CARLIN, Scott <Scott.Carlin@fultonhogan.com.au>; BAARTZ, Kate

<Kate.Baartz@fultonhogan.com>

Subject: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

Hi Brian,

Re: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

Thank you for your time on the phone yesterday. As discussed please find Revision 2 of the Traffic and Transport Management Sub-Plan (TTMP) for your review and comment at the link below. Please include your comments in the Comment Register provided at the same link

<https://fultonhogan.sharefile.com/d-s9eec074d38aa48edb9fb6efbe8939ef5>

Please note - this is not the only opportunity you will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the TTMP.

It would be appreciated if you could please provide your comments on the TTMP by Friday 7 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0499 211 173

Kind regards

Dell Simpson | Senior Project Engineer | **Fulton Hogan Construction Pty Ltd** |

Level 3, 90 Bourke Rd Alexandria NSW 2015 | GADIGAL LAND | Phone: 0499 211 173 |

Email: dell.simpson@fultonhogan.com.au



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TTMP

Emergency Service Providers – Newcastle District Police

SIMPSON, Dell

From: Michael Sheehan <shee2mic@police.nsw.gov.au>
Sent: Monday, 31 October 2022 7:47 AM
To: SIMPSON, Dell
Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment [SEC=OFFICIAL]

Hi Dell

We have no objections with the documentation provided to-date.

Regards



Mick Sheehan

Senior Constable - Traffic & Operations

Newcastle City Police District

30 Harriet Street Waratah, NSW 2298

E: shee2mic@police.nsw.gov.au P: (02) 4926 6534 E: 60534

From: SIMPSON, Dell <Dell.Simpson@fultonhogan.com.au>
Sent: Friday, 28 October 2022 4:57 PM
To: Michael Sheehan <shee2mic@police.nsw.gov.au>
Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment [SEC=OFFICIAL]

Hi Michael,
As part of our TTMP consultation process, could Newcastle City Police District confirm that your comments have been satisfactorily addressed. This will allow Fulton Hogan to progress with the CEMP/TTMP approvals process.

If you have any additional queries, feel free to contact me on 0499 211 173.

Dell Simpson | Senior Project Engineer | **Fulton Hogan** | Level 3, 90 Bourke Road, Alexandria, NSW, 2015 | PO Box 6099, Alexandria, NSW, 2015 | Tel: 0499 211 173 | www.fultonhogan.com

From: SIMPSON, Dell
Sent: Tuesday, 11 October 2022 4:20 PM
To: 'Michael Sheehan' <shee2mic@police.nsw.gov.au>
Cc: CARLIN, Scott <Scott.Carlin@fultonhogan.com.au>
Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment [SEC=OFFICIAL]

Hi Michael,
Thank you for your response.

I am hoping that I will be able to transmit our Traffic Safety Management Plan to you for consultation in the coming days (awaiting approval from TfNSW) – to assist in demonstrating our proposed processes (and the actual impacts to roads).

Below is a high level summary of our proposed ongoing consultation with Newcastle City Police District that is detailed in the Traffic Safety Management Plan.

It would be fantastic if you could nominate points of contact (if not yourself) for each of these ongoing deliverables:

- ❑. Traffic Switch Briefings – FH will undertake a Traffic Switch Briefings with Newcastle City Police District and Emergency Services
- ❑. Consultation for opening traffic – FH will consult with Newcastle City Police District and Emergency Services prior to opening traffic onto new infrastructure
- ❑. Liaison with Newcastle City Police District/Highway Patrol to establish communication protocols for the passage of over-dimension heavy vehicles through all road occupancies
- ❑. Road Occupancy / Speed Zone Authorisations will be provided to Newcastle City Police District upon approval from CNC
- ❑. Special Events – FH is to cooperate with CNC, TfNSW, City of Newcastle, the Newcastle City Police District, and other relevant stakeholders to facilitate traffic and pedestrian flows on the existing road network or adjacent to construction sites

Project contacts that we will provide to you:

- ❑. Traffic Manager Contact Details (available at all times to Newcastle City Police District receive and answer traffic/incident related enquiries)
- ❑. Nominated Personnel for attendance at Traffic Incidents

I will be in touch shortly to transmit the TSMP for your review.

Thanks, Dell

Dell Simpson | Senior Project Engineer | **Fulton Hogan** | Level 3, 90 Bourke Road, Alexandria, NSW, 2015 | PO Box 6099, Alexandria, NSW, 2015 | Tel: 0499 211 173 | www.fultonhogan.com

From: Michael Sheehan <shee2mic@police.nsw.gov.au>

Sent: Tuesday, 11 October 2022 3:32 PM

To: SIMPSON, Dell <Dell.Simpson@fultonhogan.com.au>

Subject: RE: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment [SEC=OFFICIAL]

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Hi Dell

Thank you for providing the documentation for review. At this stage Newcastle City Police District has no objections with the proposed works. We would ask that when works are proposed that are likely to have significant impact on roads (such as lane narrowing, lane closures, partial/full road closures, etc) that we are informed so that information can be provided to our response vehicles to ensure that alternative routes can be utilised. Also where there are full road closures, we would ask for a contact on-site (if possible) should there be a need for us to access an area for an emergency that may be subject to a road closure.

Regards



Mick Sheehan

Senior Constable - Traffic & Operations

Newcastle City Police District

30 Harriet Street Waratah, NSW 2298

E: shее2mic@police.nsw.gov.au P: (02) 4926 6534 E: 60534

From: SIMPSON, Dell <Dell.Simpson@fultonhogan.com.au>

Sent: Wednesday, 5 October 2022 4:16 PM

To: Michael Sheehan <shее2mic@police.nsw.gov.au>

Subject: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

Hi Michael,

Re: Traffic and Transport Management Sub-Plan (TTMP) for the RP2J Project – For review and comment

I have tried calling the Waratah Station over the last week to try and have a quick chat with you in regards to our Traffic and Transport Management Sub-Plan. Unfortunately the line keeps on disconnecting before being answered.

In accordance with our project approvals, we are required to consult with emergency services during the preparation of our TTMP. We will also be issuing a more detailed management plan (Traffic Safety Management Plan) which will provide additional traffic management measures beyond the scope of the TTMP.

Please find Revision 2 of the Fulton Hogan Traffic and Transport Management Sub-Plan (TTMP) for your review and comment at the link below. Please include your comments in the Comment Register provided at the same link

<https://fultonhogan.sharefile.com/d-s9eec074d38aa48edb9fb6efbe8939ef5>

Please note - this is not the only opportunity you will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the TTMP.

It would be appreciated if you could please provide your comments on the TTMP by Friday 12 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0499 211 173

Kind regards

Dell Simpson | Senior Project Engineer | Fulton Hogan Construction Pty Ltd |

Level 3, 90 Bourke Rd Alexandria NSW 2015 | GADIGAL LAND | Phone: 0499 211 173 |

Email: dell.simpson@fultonhogan.com.au



NVMP

City of Newcastle

BYRNE, Rebekah

From: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>
Sent: Monday, 5 December 2022 10:09 AM
To: BYRNE, Rebekah
Cc: Robyn Muller
Subject: FW: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For confirmation CoN comment satisfactorily addressed
Attachments: CEMP - Comment Register 071122 with FH Response 011222.xlsx

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Hi Rebekah

Good to hear you are OK and back on board.

Yes, to confirm, I have reviewed the submission sent back by FH on the NVMP and confirm the issues raised by CN have been satisfactorily addressed.

Please contact me should you require any further information.

Regards

Peter

Peter R. McMurray | Asset Services Manager

City of Newcastle | City Infrastructure

Assets & Facilities | Asset Services

E: prmcurray@ncc.nsw.gov.au | T: +61249742613 | M: +61435084271



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Cooperation | Respect | Excellence | Wellbeing

City of Newcastle acknowledges the Traditional Custodians of the land of the Newcastle LGA, the Awabakal and Worimi peoples.



Learn more on the *Local Social Strategy 2030*, that places people at the centre of its vision of a socially just and inclusive place for all.



From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>

Sent: Thursday, 1 December 2022 1:02 PM

To: Robyn Muller <rmuller@ncc.nsw.gov.au>; Peter R. McMurray <prmcurray@ncc.nsw.gov.au>

Cc: RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>

Subject: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For confirmation CoN comment satisfactorily addressed

[EXTERNAL] This email originated from outside of the organisation.

Hi Robyn and Peter,

Sorry for the delay in getting back to you, I have been away on unplanned leave but am back now.

Please find our response to CoN's comment on the Noise and Vibration Management Sub-Plan (NVMP) in the attached Comment Register.

We confirm we will undertake Pre and Post dilapidation surveys (also known as Building and Structure Condition Surveys) of structures and utilities identified as being at risk of damage from works associated with the project as outlined in Table 36 (last row) of the NVMP.

Could you please confirm CoN's comment on the NVMP has been satisfactorily addressed by Monday 5 December 2022.

If you have any queries, please feel free to contact me on 0403 089 028.

Thank you,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: Robyn Muller <rmuller@ncc.nsw.gov.au>

Sent: Wednesday, 23 November 2022 4:21 PM

To: RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>

Cc: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>

Subject: FW: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

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Good Afternoon Nathan

City or Newcastle comments attached.

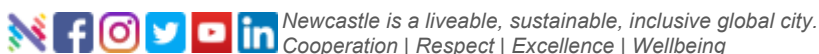
Regards

Robyn Muller | Assets Support Officer

City of Newcastle | City Infrastructure

Assets & Facilities | Asset Services

E: rmuller@ncc.nsw.gov.au | T: +61249742670



City of Newcastle acknowledges the Traditional Custodians of the land of the Newcastle LGA, the Awabakal and Worimi peoples.



Learn more on the *Local Social Strategy 2030*, that places people at the centre of its vision of a socially just and inclusive place for all.



From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>

Sent: Tuesday, 8 November 2022 8:07 AM

To: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>

Subject: FW: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

[EXTERNAL] This email originated from outside of the organisation.

Hi Peter,

Thanks for the call this morning.

As discussed, could CoN please provide their comments on the NVMP by Wednesday 16 November 2022. If possible, this would be greatly appreciated.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Monday, 7 November 2022 4:21 PM

To: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>

Cc: Anton.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>

Subject: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Hello Peter,

Re: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

As you know, Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

Please refer to the Sharefile link below for Revision 2 of the Noise and Vibration Management Sub-Plan (NVMP) for your review and comment. Please include your comments in the provided Comment Register.

<https://fultonhogan.sharefile.com/d-sa679195d3dc743dea58e7eb5041475e8>

In accordance with conditions C4 and C9 of the project approval, we are required to consult with City of Newcastle during the preparation of the NVMP and Noise and Vibration Construction Monitoring Program respectively. Please note that the Noise and Vibration Construction

Monitoring Program has been incorporated into the NVMP, as permitted by condition C15 of the project approval.

Key points:

- . This is not the only opportunity City of Newcastle will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the NVMP.
- . The Blast Management Strategy will be prepared separately to this NVMP and submitted to the Planning Secretary no later than one (1) month before the commencement of blasting in about mid-2023.

It would be appreciated if you could please provide your comments on the NVMP by Monday 21 November 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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NVMP

Health Administration Corporation

BYRNE, Rebekah

From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Friday, 9 December 2022 3:40 PM
To: Antonn Russek; Jack Madden
Cc: Clark, Ethan; Lawson Gill
Subject: RE: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

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Thanks Antonn

We are satisfied with these responses associated with the supplementary unattended noise and vibration monitoring

Scott Liddell

Project Director
Northern Region
Health Infrastructure

M 0417 285 262 **E** scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065
Locked Bag 2030, St Leonards NSW 1590

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I respect your choice of working hours and don't expect a response outside of them.



I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

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From: Antonn Russek <antonn.russek@transport.nsw.gov.au>
Sent: Friday, 9 December 2022 3:22 PM
To: Jack Madden <Jack.Madden@app.com.au>; Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Cc: Clark, Ethan <ethan.clark@app.com.au>; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Subject: RE: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Hi Scott and Jack,

We have reviewed the outstanding comments with Fulton Hogan regarding the RP2J noise and Vibration plan, and will make amendments to the plan to satisfy the noise and vibration monitoring comments received on 07 December.

Please see attached response comment from Fulton Hogan to address the remaining 3 comments from HAC.

If you could please let me know at your earliest convenience that this is acceptable, and the comments closed so we can update the plan and submit to DPE for their review.

Thanks very much for your time and efforts on this,

Antonn

From: Jack Madden <Jack.Madden@app.com.au>
Sent: Wednesday, 7 December 2022 12:08 PM
To: Antonn Russek <antonn.russek@transport.nsw.gov.au>
Cc: Ethan Clark <ethan.clark@app.com.au>; Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Subject: FW: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

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Hi Antonn,

Further to discussion at yesterday's JHHIP / RP2J PCG Meeting, please see attached HAC's additional commentary in response to FH's return correspondence.

Happy to discuss/workshop with FH as required.

Regards,

Jack Madden
Project Manager



0421 161 808 | app.com.au

Awabakal Country | Level 2, 426 King Street, Newcastle NSW 2300



Shaping progress,
for organisations and the
communities they serve.

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APP Corporation Pty Limited, ABN 29 003 764 770.

From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>

Sent: Friday, 2 December 2022 6:34 AM

To: Jack Madden <Jack.Madden@app.com.au>

Cc: Ethan Clark <ethan.clark@app.com.au>

Subject: FW: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

EXTERNAL

Morning Jack

Ref the email below – are you able to review again the amended plan – which as advised has been updated to reflect our comments – TfNSW are request our acceptance by 6 Dec 22

Have saved this package under the Delivery/TfNSW folder.

Thanks

Scott Liddell

Project Director

Northern Region

Health Infrastructure

M 0417 285 262 **E** scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065

Locked Bag 2030, St Leonards NSW 1590

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From: Antonn Russek <antonn.russek@transport.nsw.gov.au>

Sent: Thursday, 1 December 2022 3:45 PM

To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>

Cc: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>

Subject: RE: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Hi Scott,

Re: Noise and Vibration Management Sub-Plan (NVMP) for the RP2J Project – For resubmission and confirmation comments satisfactorily addressed

Please find Revision 3 of the Noise and Vibration Management Sub-Plan (NVMP) at the Sharefile link below. The plan has been amended in response to HAC's 8 comments as outlined in the Comment Register provided at the same link.

<https://fultonhogan.sharefile.com/d-s54973e37ae4d4a4badac779441aa7aa0>

Could you please confirm HAC's comments have been satisfactorily addressed by Tuesday 6 December 2022. This will allow us to progress with the CEMP/NVMP approvals process.

If you have any queries, feel free to contact me on 0409 286 061.

Thanks and regards,

Antonn Russek
A/Senior Project Manager
NICB – Rankin Park to Jesmond

Northern Project Office



From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Thursday, 24 November 2022 3:50 PM
To: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; Antonn Russek <antonn.russek@transport.nsw.gov.au>
Cc: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>; Melissa Mayfield-smith <Melissa.MAYFIELD-SMITH@transport.nsw.gov.au>; Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

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Afternoon Lawson

Please find attached rtn comments on the NVMP – happy to discuss in detail with the wider team.

Scott Liddell

Project Director
Northern Region
Health Infrastructure

M 0417 285 262 E scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065
Locked Bag 2030, St Leonards NSW 1590

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I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

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From: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>

Sent: Friday, 18 November 2022 8:54 AM

To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>; Antonn Russek <antonn.russek@transport.nsw.gov.au>

Cc: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>; Melissa Mayfield-smith <Melissa.MAYFIELD-SMITH@transport.nsw.gov.au>

Subject: RE: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Hi Scott,

Just wanted to check to see how the review is progressing and if we can still expect comments back by Monday?

Happy to work through any comments or queries.

Thanks,

Lawson Gill

Senior Environment and Sustainability Officer
Environment and Sustainability
Safety, Environment and Regulation
Transport for NSW

M +61 448 768 382 **E** lawson.gill@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



**Transport
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Tuesday, 8 November 2022 4:06 PM
To: Antonn Russek <antonn.russek@transport.nsw.gov.au>
Cc: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Subject: RE: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

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Thanks Antonn

Note rtn comments by Monday 21 November 2022

Scott Liddell

Project Director
Northern Region
Health Infrastructure

M 0417 285 262 **E** scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065
Locked Bag 2030, St Leonards NSW 1590

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From: Antonn Russek <antonn.russek@transport.nsw.gov.au>
Sent: Tuesday, 8 November 2022 9:45 AM
To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Cc: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Subject: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Hi Scott,

Re: Noise and Vibration Management Sub-Plan (NVMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

As you are aware, Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

Revision 2 of the Noise and Vibration Management Sub-Plan (NVMP) is available for your review and comment at the Sharefile link below. Please include your comments in the provided Comment Register.

<https://fultonhogan.sharefile.com/d-sa679195d3dc743dea58e7eb5041475e8>

In accordance with conditions C4 and C9 of the project approval, we are required to consult with Health Administration Corporation during the preparation of the NVMP and Noise and Vibration Construction Monitoring Program respectively. Please note that the Noise and Vibration Construction Monitoring Program has been incorporated into the NVMP, as permitted by condition C15 of the project approval.

Key points:

- ☐ This is not the only opportunity Health Administration Corporation will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the NVMP.
- ☐ Discussion about contractual interface issues between Fulton Hogan, APP and Multiplex can be discussed and addressed separately to the CEMP approvals process via the RP2J John Hunter Health and Innovation Precinct (JHHIP) Project Control Group (PCG).
- ☐ Section 4.1.1 of the NVMP outlines the vibration sensitive areas within the John Hunter Hospital precinct due to the presence of sensitive equipment. This is based on the information provided by APP on 17 October 2022 in the JHHIP RP2J Construction Interface Overview document (p3-4).
- ☐ The Blast Management Strategy will be prepared separately to this NVMP and submitted to the Planning Secretary no later than one (1) month before the commencement of blasting in about mid-2023.

It would be appreciated if you could please provide your comments on the NVMP by Monday 21 November 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0409 286 061.

Regards,

Antonn Russek
A/Senior Project Manager
NICB – Rankin Park to Jesmond

Northern Project Office
Regional Project Delivery
Infrastructure and Place
Transport for NSW

M 0409 286 061
Level 7, 6 Stewart Avenue, Newcastle West NSW 2302, Awabakal



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CEMP/ Sub-Plan	NVMP
Revision	2
Date Issued	07/11/22

CEMP COMMENT REGISTER - Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)

COMPLIANCE STATUS
O Observation/Comment
N Non-Compliant
I Incorrect

REVIEWERS RESPONSE AGREEMENT STATUS
C Closed
CT Closed and transferred to new comment
CS Closed SUBJECT TO additional action/ information

REVIEWERS RESPONSE AGREEMENT STATUS
C Closed
CT Closed and transferred to new comment
CS Closed SUBJECT TO additional action/ information

REVIEWER								FULTON HOGAN				REVIEWER				FULTON HOGAN				REVIEWER			
Item	Reviewer	Organisation	Date	Document Reference	Reviewer Comments	Contract Ref.	Compliance Status	Fulton Hogan Response	By	Amendments to Documentation	Response Status	Additional Action	New Comment Reference ID	Date Closed	Fulton Hogan Response	By	Amendments to Documentation	Response Status	Additional Action	New Comment Reference ID	Date Closed		
1	Jack Madden	The APP Group	23/11/2022	NVMP Section 4.1.1	We note that the intent of the JHHIP / RP2J Bypass interface document has been considered with respect to sensitive equipment. HAC would also like to see the following areas noted as critical working areas requiring the same level of background noise and compliance testing completed: - Nexus Child and Adolescent Mental Health Unit (NEXUS); - NSW Health Pathology (Forensic Medicine); - Main NSW Pathology Building		O	As noted by APP, the areas with sensitive equipment identified in Section 4.1.1 of the NVMP (Revision 2) is consistent with the information previously provided by APP on 17 October 2022 in the JHHIP RP2J Construction Interface Overview document (p3-4). APP has advised that HAC 'would also like to see' 3 additional areas identified in Section 4.1.1 (of the NVMP) as critical working areas. Fulton Hogan notes that the John Hunter Health and Innovation Precinct (JHHIP) Main Works Construction Noise and Vibration Management Sub-Plan (Revision 0 dated 30/08/2022) does not appear to identify the same 3 critical working areas with respect to the JHHIP Main Works. Nevertheless, the 3 additional critical working areas have been included in Section 4.1.1 of the NVMP (Revision 3): - Nexus Child and Adolescent Mental Health Unit (NEXUS); - Forensic Medicine - Main NSW Pathology Building, meaning Hunter Area Pathology Service (HAPS). As a result of the additional critical working areas, additional vibration monitoring locations have also been included in Section 9.4.3 (Locations V5 and V6).	RB	Completed		Noted.		6/12/2022									
2	Jack Madden	The APP Group	23/11/2022	Overarching Comment	In review, it appears that FH are proposing to undertake unattended noise and vibration monitoring. Please confirm how the cumulative thresholds associated with noise and vibration will be managed at the interface zones with the JHHIP Project?		O	The NVMP does not contain any proposal to undertake unattended noise monitoring during construction. In terms of vibration, the only time unattended vibration monitoring may be conducted is as stated in Section 9.4.2 of the NVMP 'unattended monitoring may be conducted in situations where there is a requirement to work within safe working distances and attended monitoring has demonstrated that there is a reasonable risk of exceeding the established vibration criteria at sensitive receivers or structures.' Potential impacts (including cumulative impacts) will be managed through regular inspections, monitoring and auditing as described in Chapter 9 of the NVMP. This will ensure that issues requiring management (including cumulative impacts) are appropriately managed. It is also noted that any contractual interface issues between Fulton Hogan, APP and Multiplex can be discussed and addressed separately to the Fulton Hogan/TNSW CEMP approvals process via the established RP2J JHHIP Project Control Group (PCG) meetings to assist with the successful delivery of both contracts.	RB	Completed		Similarly to comments below, monthly 15min interval testing is not deemed sufficient to manage the cumulative impacts of Noise and Vibration across both RP2J and JHHIP.		6/12/2022	See response below.	RB	Completed						
3	Jack Madden	The APP Group	23/11/2022	Overarching Comment	MPX have implemented unattended noise monitoring for the JHHIP Project, considering comment at item 2 above, please confirm how FH intend to substantiate any noise or vibration exceedances if picked up in MPX monitoring?		O	Spot checks of noise intensive plant and equipment will be undertaken as per the commitment made in Table 35 4th row. If vibration intensive plant is to be used within the safe working distances for sensitive equipment and cosmetic damage, works would not proceed until attended vibration measurements are first undertaken (as per Chapter 8 mitigation measure ID NVMM40). The proposed attended monitoring is a proactive approach to determine the noise and vibration levels resulting from Fulton Hogan's construction activities. A benefit of the established RP2J JHHIP Project Control Group (PCG) meetings is for APP, Multiplex and Fulton Hogan to collaborate to minimise interface impacts.	RB	Completed		Appreciate that attended noise monitoring will be implemented when there is risk associated with Noisy and Vibration works that could cause cosmetic damage. Comments refers however to the regularity of monthly 15min testing intervals not being sufficient to manage the cumulative noise and vibration impacts across the site. Appreciate the ability to escalate to PCG, however the overarching ability for FH to substantiate what works are being undertaken when an exceedance is identified on the JHHIP unattended monitors, needs to be resolved/confirmed and expectations aligned between RP2J and JHHIP.		6/12/2022	Attended monitoring may be supplemented with continuous unattended monitoring to manage cumulative impacts in consultation with HAC if deemed necessary during the ongoing RP2J JHHIP Project Control Group (PCG) meetings. The NVMP will be revised to include an additional row within Table 35 and Table 36 to address this commitment.	RB	Completed						
4	Jack Madden	The APP Group	23/11/2022	Overarching Comment	There are no construction vehicles allowed within the John Hunter Health Precinct for road access and carparking - those attending for noise monitoring will need to coordinate this activity with the LHD/HAC.		O	Noted.	RB	Completed		Noted.		6/12/2022									
5	Mat Watson	The APP Group	23/11/2022	Figure 3 & 7	HMRI sensitive areas to encapsulate the full building, currently shown as only part of the building.		O	Amended Figures 3 and 7 so the HMRI area encapsulates the full building (rather than part of the building).	RB	Completed		Noted.		6/12/2022									
6	Mat Watson	The APP Group	23/11/2022	9.4.3 / Table 35	Monthly attended monitoring at L11 and L12 appears insufficient. Noise monitoring should also be provided immediately west of the Forensic Medicine Building, as the construction site is very close at this location. This also notes "Monitoring period should be sufficient such that the measured noise levels are representative of the noise over a 15-minute period". Please provide further detail on minimum timings this will be attended for. Please also confirm how this can be used to provide a general understanding of noise? Increased unattended monitoring is requested.		O	The monthly attended noise monitoring locations are representative for the RP2J project. As per Section 9.4.3, L11 and L12 are in the same locations where previous representative baseline monitoring was undertaken for the EIS. No additional monthly attended monitoring locations are considered necessary. Noise is measured continuously for 15 minutes, it is widely accepted that 15 minutes is a representative monitoring period for construction activities. Any isolated noise issues will be dealt with on a case by case basis.	RB	Not Required		In consideration of the scale and size of the project, monthly 15 minute intervals of attended noise monitoring does not appear sufficient. How does FH intend to deal with issues on a case by case basis if no data logging the noise impacts is available to substantiate that the threshold levels on the RP2J site were not exceeded?		6/12/2022	Attended monitoring may be supplemented with continuous unattended monitoring to manage cumulative impacts in consultation with HAC if deemed necessary during the ongoing RP2J JHHIP Project Control Group (PCG) meetings. The NVMP will be revised to include an additional row within Table 35 and Table 36 to address this commitment.	RB	Completed						

7	Mat Watson	The APP Group	23/11/2022	9.4.3 / Table 36	Due to the high risk of vibration sensitive equipment at the JHH, longer duration unattended vibration monitoring is requested.		O	Updated Table 36 (second last row) to also refer to 'sensitive equipment' and 'Table 32' as follows: 'Continuous (unattended) vibration monitoring will be undertaken where an activity may occur within safe working distances for sensitive equipment or cosmetic damage (specified in Table 32) for a period of more than one day continuously'.	RB	Completed		Noted.		6/12/2022							
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FFMP

DPI Fisheries

BYRNE, Rebekah

From: Sarah Conacher <sarah.conacher@dpi.nsw.gov.au>
Sent: Thursday, 10 November 2022 1:31 PM
To: Melissa Mayfield-smith; BYRNE, Rebekah; Lawson Gill
Subject: Rankin Park to Jesmond (RP2J) Project

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Hi Melissa, Rebekah and Gill,

I'm sorry I haven't been contactable. We've lost additional staff at Fisheries and I'm spread extremely thin at the moment.

I can confirm that Fisheries has no objections or comments to make in relation to the Flora & Fauna Sub-Plan or the Soil & Water Management Sub-Plan for the Rankin Park to Jesmond (RP2J) Project.

Kind regards,
Sarah

Sarah Conacher | Senior Fisheries Manager – Coastal Systems Unit
NSW Department of Primary Industries | Fisheries
12 Shirley Rd, Wollstonecraft NSW
ALL MAIL TO: DPI Fisheries, Attn: M.Coughran, 1243 Bruxner Hwy, Wollongbar NSW 2477
T: 02 8437 4981 | M: 0419 314 437 | E: sarah.conacher@dpi.nsw.gov.au

PERMIT APPLICATION FORMS & FISH HABITAT POLICIES AVAILABLE AT:
<https://www.dpi.nsw.gov.au/fishing/habitat/protecting-habitats/toolkit>

Submit permit applications via email to: ahp.central@dpi.nsw.gov.au

Turnaround times: from date of receipt of application, please allow up to 28 days for Land Owners Consent, Permits and Consultations. Please allow up to 40 days for Integrated Development Applications.



DPI Fisheries acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for Elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Thursday, 3 November 2022 6:33 AM
To: sarah.conacher@dpi.nsw.gov.au; ahp.central@dpi.nsw.gov.au
Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; RUSSELL, Nathan; Lawson.Gill@transport.nsw.gov.au
Subject: RE: Flora and Fauna Management Sub-Plan (FFMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Hi Sarah,

Further to my email below, I called yesterday (2/11/22 at 9:47 AM) and left a voicemail message but did not receive a return phone call or email.

Unfortunately we have not received your comments in regard to Revision 2 of the Flora and Fauna Management Sub-Plan (FFMP).

Given the time elapsed since originally providing the FFMP for comment (on 18/10/22, over two weeks ago), it is Fulton Hogan's intention to submit the FFMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

In the event comments are received after CEMP approval, Fulton Hogan will work with you to address those comments at that point in time.

Please do not hesitate to call me on 0403 089 028 if you would like to discuss this matter, or if you have any update on when comments will be provided.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 2 November 2022 7:08 AM
To: sarah.conacher@dpi.nsw.gov.au; ahp.central@dpi.nsw.gov.au
Subject: RE: Flora and Fauna Management Sub-Plan (FFMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Good morning Sarah,

Unfortunately we have not received your comments in regard to Revision 2 of the Flora and Fauna Management Sub-Plan (FFMP). The comment period closed yesterday, Tuesday 1 November 2022.

I understand DPI Fisheries is experiencing some resourcing challenges. I'll call you later today in case it is easier to advise me of any comments you may have over the phone.

If we do not hear back from you, it is our intention to submit the FFMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Tuesday, 18 October 2022 7:35 AM

To: sarah.conacher@dpi.nsw.gov.au; ahp.central@dpi.nsw.gov.au

Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au;

Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>

Subject: Flora and Fauna Management Sub-Plan (FFMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Good morning Sarah,

Re: Flora and Fauna Management Sub-Plan (FFMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

I am happy to advise that Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

Please find attached Revision 2 of the Flora and Fauna Management Sub-Plan (FFMP) for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with DPI Fisheries during the preparation of our FFMP.

Key points:

- All aquatic habitats within the project area are ephemeral and the watercourses are classified as Class 4 – unlikely fish habitat.
- This is not the only opportunity DPI Fisheries will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached FFMP.
- The Flora and Fauna Construction Monitoring Program (FFCMP) required under Condition of Approval (CoA) C9(e) has been prepared separately to the FFMP (by TfNSW) and approved by the Planning Secretary. Consultation with DPI Fisheries in relation to the FFCMP was undertaken as part of that process.

It would be appreciated if you could please provide your comments on the FFMP by Tuesday 1 November 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: [Melissa Mayfield-smith](#)
To: Sarah.Conacher@dpi.nsw.gov.au
Cc: [Lawson Gill](#)
Subject: RE: Transport: DPI meeting summary 20 October 2022
Date: Tuesday, 1 November 2022 10:58:17 AM
Attachments: [image001.png](#)
[image004.png](#)
[image005.png](#)
[image003.png](#)

Hi Sarah,

I have just heard from our contractor for Rankin Park to Jesmond that they intend on submitting the Soil and Water Management plan tomorrow and Flora and Fauna Management Plan later. I know from our meeting and previous discussions that you didn't have any concerns due to the lack of any key fish habitat in the project area, but do you mind confirming that via a return email. That would just form evidence of consultation for Department of Planning and Environment.

We have passed on how under resourced you are at the moment and our contractors has also said that if you have any comments later on they are happy to incorporate as well.

Feel free to contact either myself or Lawson if you have any questions or would like to discuss further.

Thank you,

Melissa Mayfield-Smith

Senior Manager Environment and Sustainability
Safety, Environment and Regulation Division
Transport for NSW

M 0408 199 626

E Melissa.mayfield-smith@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



**Transport
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

Please consider the environment before printing this email.

From: Melissa Mayfield-smith

Sent: Friday, 28 October 2022 11:38 AM

To: Sarah.Conacher@dpi.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; Elle Hutchinson <Elle.Hutchinson@transport.nsw.gov.au>; Renae Martin <Renae.MARTIN@transport.nsw.gov.au>

Cc: Melissa Sawatske <Melissa.Sawatske@transport.nsw.gov.au>

Subject: Transport: DPI meeting summary 20 October 2022

Hi All,

Thank you for meeting on 20 October. Below is a summary:

Rankin Park to Jesmond – Lawson Gill - <https://roads-waterways.transport.nsw.gov.au/projects/newcastle-inner-city-bypass/rankin-park-to-jesmond.html>

- Rankin Park to Jesmond (RP2J) is a State Significant Infrastructure project in Newcastle
- The project only contains first order ephemeral watercourses with no key fish habitat
- Previous consultation has been completed with DPI Fisheries on the environmental monitoring programs with no comments
- Transport are required to consult with DPI Fisheries under the Conditions of Approval for the following plans:
 - Flora and Fauna Management Sub-plan
 - Soil and Water Management Sub-plan
- These plans have been submitted to DPI Fisheries by our contractor (Rebekah Byrne - Fulton Hogan)

Action: Sarah to provide a response with any comments.

Note: Soil and Water Management sub-plan sent on 5 October and Flora and Fauna Management Sub-plan sent on 18 October.

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

Let me know if there is anything to add to this summary. Renae may send a separate summary of what she ran through.

Regards

Melissa Mayfield-Smith

Senior Manager Environment and Sustainability
Safety, Environment and Regulation Division
Transport for NSW

M 0408 199 626

E Melissa.mayfield-smith@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



**Transport
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

Please consider the environment before printing this email.

OFFICIAL

FFMP

City of Newcastle

BYRNE, Rebekah

From: Robyn Muller <rmuller@ncc.nsw.gov.au>
Sent: Wednesday, 2 November 2022 11:22 AM
To: BYRNE, Rebekah
Subject: FW: Flora and Fauna Management Sub-Plan (FFMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

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Good Morning Rebekah

We have completed our review of the Flora and Fauna Management Sub-Plan and advise we have no comments.

Regards

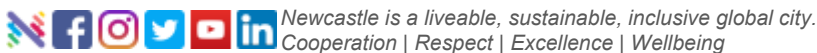
Robyn Muller
for

Sam Nearey | Acting Asset Services Manager

City of Newcastle | City Infrastructure

Assets & Facilities | Asset Services

E: snearey@ncc.nsw.gov.au | T: [+61249742645](tel:+61249742645)



City of Newcastle acknowledges the Traditional Custodians of the land of the Newcastle LGA, the Awabakal and Worimi peoples.



From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>

Sent: Tuesday, 18 October 2022 7:40 AM

To: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>

Cc: Anton.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au;

Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>

Subject: Flora and Fauna Management Sub-Plan (FFMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Good morning Peter,

Re: Flora and Fauna Management Sub-Plan (FFMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

As you know, Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

Please find attached Revision 2 of the Flora and Fauna Management Sub-Plan (FFMP) for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with City of Newcastle during the preparation of our FFMP.

Key points:

- . This is not the only opportunity City of Newcastle will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached FFMP.
- . The Flora and Fauna Construction Monitoring Program (FFCMP) required under Condition of Approval (CoA) C9(e) has been prepared separately to the FFMP (by TfNSW) and approved by the Planning Secretary. Consultation with City of Newcastle in relation to the FFCMP was undertaken as part of that process.

It would be appreciated if you could please provide your comments on the FFMP by Tuesday 1 November 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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AQMP

City of Newcastle

BYRNE, Rebekah

From: Peter R. McMurray <prmcmurray@ncc.nsw.gov.au>
Sent: Monday, 17 October 2022 7:44 AM
To: BYRNE, Rebekah
Subject: RE: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – No comments/ concerns

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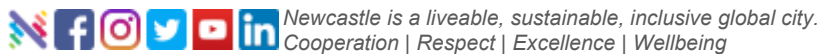
Thanks Rebekah

Peter R. McMurray | Asset Services Manager

City of Newcastle | City Infrastructure

Assets & Facilities | Asset Services

E: prmcmurray@ncc.nsw.gov.au | T: +61249742613 | M: +61435084271



City of Newcastle acknowledges the Traditional Custodians of the land of the Newcastle LGA, the Awabakal and Worimi peoples.



From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Sent: Thursday, 13 October 2022 12:39 PM
To: Peter R. McMurray <prmcmurray@ncc.nsw.gov.au>
Subject: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – No comments/ concerns

Hi Peter,

As discussed, this email confirms that City of Newcastle (CoN) has no comments/ concerns in relation to the Air Quality Management Sub-Plan (AQMP).

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 21 September 2022 3:17 PM
To: Peter R. McMurray <prmcmurray@ncc.nsw.gov.au>
Cc: Anton.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan

<Nathan.Russell@fultonhogan.com.au>

Subject: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

Hi Peter,

Re: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

Please find attached Revision 2 of the Air Quality Management Sub-Plan (AQMP) for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with City of Newcastle during the preparation of our AQMP.

Key points:

- . This is not the only opportunity you will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached AQMP.
- . The Air Quality Construction Monitoring Program required under Condition of Approval (CoA) C9(b) has been prepared separately to the AQMP (by TfNSW) and approved by the Planning Secretary. Consultation with City of Newcastle in relation to the Air Quality Construction Monitoring Program was undertaken as part of that process.

It would be appreciated if you could please provide your comments on the AQMP by Friday 7 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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<https://www.fultonhogan.com/privacy-policy/>

AQMP

Health Administration Corporation

BYRNE, Rebekah

From: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Sent: Monday, 24 October 2022 8:08 AM
To: BYRNE, Rebekah
Subject: FW: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

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FYI

From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Monday, 24 October 2022 7:12 AM
To: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; Antonn Russek <anton.n.russek@transport.nsw.gov.au>
Cc: Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

CAUTION: This email is sent from an external source. Do not click any links or open attachments unless you recognise the sender and know the content is safe.

Morning Lawson

Thanks for the responses – JHHIP does not have any further comments on the AQMP

Scott Liddell

Project Director
Northern Region
Health Infrastructure

M 0417 285 262 **E** scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065
Locked Bag 2030, St Leonards NSW 1590

As we work flexibly at HI I am emailing at a time that suits me.

My working days are:

Monday to Thursday

Every second Friday (wk 2 and 4 of the month)

I respect your choice of working hours and don't expect a response outside of them.





I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

Disclaimer: This message is intended for the addressee named and may contain confidential information. If you are not the intended recipient, please delete it and notify the sender. Views expressed in this message are those of the individual sender, and are not necessarily the views of Health Infrastructure. This email has been scanned for Health Infrastructure by the MessageLabs Email Security System. Emails and attachments are regularly monitored to ensure compliance with NSW Health's Electronic Messaging Policy.

Please consider the environment before printing this email.

From: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>

Sent: Wednesday, 19 October 2022 7:55 AM

To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>; Antonn Russek <anton.n.russek@transport.nsw.gov.au>

Cc: Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>

Subject: RE: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

Hi Scott,

I just wanted to follow up to see if HAC is happy to close out the comments raised for the AQMP.

Transport is intending to submit this plan to DPE tomorrow for review and approval.

Regards,

Lawson Gill

Senior Environment and Sustainability Officer
Environment and Sustainability
Safety, Environment and Regulation
Transport for NSW

M +61 448 768 382 **E** lawson.gill@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



**Transport
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

Please consider the environment before printing this email.

From: Lawson Gill
Sent: Monday, 17 October 2022 4:02 PM
To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>; Antonn Russek <antonn.russek@transport.nsw.gov.au>
Cc: Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

Hi Scott,

Please find attached the Comments Register from our contractor, including responses to Health Administration Corporation (HAC) comments (# 14, 15 19) on the AQMP. TTMP comment responses will follow separately.

Following HAC review of the 3 AQMP responses, could HAC please confirm the comments have been satisfactorily addressed. This will allow Fulton Hogan to progress with the CEMP/AQMP approvals process.

It is noted that the comments did not require the AQMP to be amended.

Regards,

Lawson Gill

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From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Thursday, 13 October 2022 3:52 PM
To: Antonn Russek <antonn.russek@transport.nsw.gov.au>; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Cc: Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

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Afternoon Antonn, Lawson

Please find attached review comments on both the AQMP and the TTMP following review by MPX and APP.

Can you please review – we can arrange a follow up session with these parties if we need to provide any further clarification.

Scott Liddell

Project Director
Northern Region

Health Infrastructure

M 0417 285 262 E scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065
Locked Bag 2030, St Leonards NSW 1590

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My working days are:

Monday to Thursday

Every second Friday (wk 2 and 4 of the month)

I respect your choice of working hours and don't expect a response outside of them.



I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

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Please consider the environment before printing this email.

From: Antonn Russek <antonnn.russek@transport.nsw.gov.au>

Sent: Monday, 26 September 2022 8:29 AM

To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>

Cc: Watson, Mathew <mathew.watson@app.com.au>; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Subject: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

You don't often get email from antonn.russek@transport.nsw.gov.au. [Learn why this is important](#)

Hi Scott,

Re: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

Please find attached Revision 2 of the Air Quality Management Sub-Plan (AQMP) for the TfNSW Rankin Park to Jesmond project, for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with Health Administration Corporation during the preparation of our AQMP.

Key points:

This is not the only opportunity you will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached AQMP.

The Air Quality Construction Monitoring Program required under Condition of Approval (CoA) C9(b) has been prepared separately to the AQMP (by TfNSW) and approved by the Planning Secretary. Consultation with Health Administration Corporation in relation to the Air Quality Construction Monitoring Program was undertaken as part of that process.

It would be appreciated if you could please provide your comments on the AQMP by Friday 7 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries at all please let me know.

Regards,

Antonn Russek
A/Senior Project Manager
NICB – Rankin Park to Jesmond

Northern Project Office
Regional Project Delivery
Infrastructure and Place
Transport for NSW

M 0409 286 061
Level 7, 6 Stewart Avenue, Newcastle West NSW 2302, Awabakal



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BYRNE, Rebekah

From: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>
Sent: Wednesday, 19 October 2022 12:17 PM
To: BYRNE, Rebekah
Subject: FW: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

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From: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>
Sent: Wednesday, 19 October 2022 11:47 AM
To: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; Antonn Russek <anton.n.russek@transport.nsw.gov.au>
Cc: Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>
Subject: RE: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

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Hi Lawson

Will have a response back to you today – my initial review is that the responses are fine – we are just consulting with MPX to confirm

Scott Liddell

Project Director
Northern Region
Health Infrastructure

M 0417 285 262 **E** scott.liddell@health.nsw.gov.au

www.hinfra.health.nsw.gov.au

1 Reserve Road St Leonards, NSW 2065
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Please consider the environment before printing this email.

From: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>

Sent: Wednesday, 19 October 2022 7:55 AM

To: Scott Liddell (Health Infrastructure) <Scott.Liddell@health.nsw.gov.au>; Antonn Russek <antonn.russek@transport.nsw.gov.au>

Cc: Nicholas Rayner (Health Infrastructure) <Nicholas.Rayner@health.nsw.gov.au>

Subject: RE: Air Quality Management Sub-Plan (AQMP) for the RP2J Project – For review and comment

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Key points:

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The Air Quality Construction Monitoring Program required under Condition of Approval (CoA) C9(b) has been prepared separately to the AQMP (by TfNSW) and approved by the Planning Secretary. Consultation with Health Administration Corporation in relation to the Air Quality Construction Monitoring Program was undertaken as part of that process.

It would be appreciated if you could please provide your comments on the AQMP by Friday 7 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries at all please let me know.

Regards,

Antonn Russek
A/Senior Project Manager
NICB – Rankin Park to Jesmond

Northern Project Office
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Infrastructure and Place
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CEMP Sub-Plan	TTMSP and AQMP
Revision	2
Date Issued	21/9/22

CEMP COMMENT REGISTER - Newcastle Inner City Bypass Rankin Park to Jesmond (Stage 4 – Main Works)

COMPLIANCE STATUS
O Observation/Comment
N Non-Compliant
I Incorrect

REVIEWERS RESPONSE AGREEMENT STATUS
C Closed
CT Closed and transferred to new comment
CS Closed SUBJECT TO additional action / information

REVIEWER								FULTON HOGAN			REVIEWER			
Item	Reviewer	Organisation	Date	Document Reference	Reviewer Comments	Contract Ref.	Compliance Status	Fulton Hogan Response	By	Amendments to Documentation	Response Status	Additional Action	New Comment Reference ID	Date Closed
14	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	RP2J-CEMP-AQMP[2] - AQMSP - Section 5.3.1	Section 5.3.1 indicates that highest potential for adverse impacts from dust generation is near John Hunter Hospital Precinct to north of project construction footprint. AQSMSP does not identify any measures for monitoring at this location (may be covered in Air Quality Construction Monitoring Program prepared by TNSW referenced in Section 7.4 - not witnessed)	n/a	O	Section 5.3.1 acknowledges that based on the dominant winds in the area, residential receivers to the north and the John Hunter Hospital would have the highest potential for adverse impacts during spring months when winds mostly occur from the south-west. As outlined in Section 1.4 of the AQMP the Air Quality Construction Monitoring Program has been prepared separately to the CEMP (by TNSW) and approved by the Planning Secretary. Consultation with Health Administration Corporation in relation to the Air Quality Construction Monitoring Program was undertaken as part of that process. The Air Quality Construction Monitoring Program includes a monitoring location at John Hunter Hospital (ID AQM2).	RB	Completed				
15	Multiplex/ Health Infrastructure	Multiplex/ HI	11/10/2022	RP2J-CEMP-AQMP[2] - AQMSP - Section 7.4	Fulton Hogan to provide details of proposed air monitoring along the interface of the JHHIP and RP2J Projects via the RP2J JHHIP Control Group.	n/a	O	As outlined in Section 7.4, air quality monitoring will be undertaken in accordance with the Air Quality Construction Monitoring Program prepared by TNSW and approved by the Planning Secretary. Discussion about the approved air monitoring location at John Hunter Hospital (ID AQM2) can be carried out separate to the CEMP approvals process via the RP2J JHHIP Control Group as required.	RB	Completed				
19	The APP Group / Health Infrastructure	The APP Group / Health Infrastructure	13/10/2022	RP2J-CEMP-AQMP[2] - AQMSP - General	Fulton Hogan to confirm that the requirements outlined in the HI TNSW Construction Interface Overview document have been considered in the AQMP.	n/a	O	Fulton Hogan confirms that the requirements outlined in the John Hunter Hospital Interface document have been considered in the AQMP.	RB	Completed				

SWMP

City of Newcastle

BYRNE, Rebekah

From: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>
Sent: Tuesday, 25 October 2022 4:41 PM
To: BYRNE, Rebekah
Subject: RE: FOR APPROVAL - Rankin Park to Jesmond (RP2J) - CEMP comments & status update

Hi Rebekah

After all that, a check on the review comments has indicated that while there was a lot of discussion on the sub-plan, ultimately everyone was happy with it and no comments to officially report back with.

Regards

Peter

Peter R. McMurray | Asset Services Manager

City of Newcastle | City Infrastructure

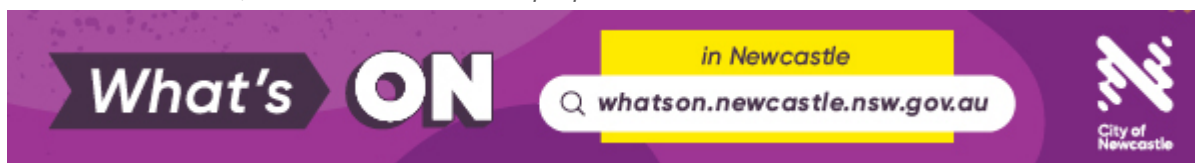
Assets & Facilities | Asset Services

E: prmcurray@ncc.nsw.gov.au | T: +61249742613 | M: +61435084271



Newcastle is a liveable, sustainable, inclusive global city.
Cooperation | Respect | Excellence | Wellbeing

City of Newcastle acknowledges the Traditional Custodians of the land of the Newcastle LGA, the Awabakal and Worimi peoples.



From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Sent: Tuesday, 25 October 2022 7:24 AM
To: Peter R. McMurray <prmcurray@ncc.nsw.gov.au>
Subject: RE: FOR APPROVAL - Rankin Park to Jesmond (RP2J) - CEMP comments & status update

[EXTERNAL] This email originated from outside of the organisation.

Good morning Peter,

Just chasing up the comments on the Soil and Water Management Sub-Plan (SWMP) due on 19/10/22. Could you please chase them up by any chance?

Thanks very much,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 7:45 AM
To: Peter R. McMurray
Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill; RUSSELL, Nathan
Subject: Soil and Water Management Sub-Plan (SWMP) for the RP2J Project – For review and comment
Attachments: RP2J-SWMP [R1] Soil and Water Management Sub-Plan_300922.pdf; CEMP - Comment Register 051022.xlsx

Good morning Peter,

Re: Soil and Water Management Sub-Plan (SWMP) for the RP2J Project – For review and comment

Please find attached Revision 1 of the Soil and Water Management Sub-Plan (SWMP) for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with City of Newcastle during the preparation of our SWMP.

Key points:

- This is not the only opportunity City of Newcastle will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached SWMP.
- The Surface and Ground Water Quality Construction Monitoring Program (SGWQCMP) required under Condition of Approval (CoA) C9(a) has been prepared separately to the SWMP (by TfNSW) and approved by the Planning Secretary. Consultation with City of Newcastle in relation to the SGWQCMP was undertaken as part of that process.

It would be appreciated if you could please provide your comments on the SWMP by Wednesday 19 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

Please note – We are aiming to send you the Noise and Vibration Management Sub-Plan (NVMP) and Flora and Fauna Management Sub-Plan (FFMP) over the next few days.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

SWMP

DPI Fisheries

BYRNE, Rebekah

From: Sarah Conacher <sarah.conacher@dpi.nsw.gov.au>
Sent: Thursday, 10 November 2022 1:31 PM
To: Melissa Mayfield-smith; BYRNE, Rebekah; Lawson Gill
Subject: Rankin Park to Jesmond (RP2J) Project

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Hi Melissa, Rebekah and Gill,

I'm sorry I haven't been contactable. We've lost additional staff at Fisheries and I'm spread extremely thin at the moment.

I can confirm that Fisheries has no objections or comments to make in relation to the Flora & Fauna Sub-Plan or the Soil & Water Management Sub-Plan for the Rankin Park to Jesmond (RP2J) Project.

Kind regards,
Sarah

Sarah Conacher | Senior Fisheries Manager – Coastal Systems Unit
NSW Department of Primary Industries | Fisheries
12 Shirley Rd, Wollstonecraft NSW
ALL MAIL TO: DPI Fisheries, Attn: M.Coughran, 1243 Bruxner Hwy, Wollongbar NSW 2477
T: 02 8437 4981 | M: 0419 314 437 | E: sarah.conacher@dpi.nsw.gov.au

PERMIT APPLICATION FORMS & FISH HABITAT POLICIES AVAILABLE AT:
<https://www.dpi.nsw.gov.au/fishing/habitat/protecting-habitats/toolkit>

Submit permit applications via email to: ahp.central@dpi.nsw.gov.au

Turnaround times: from date of receipt of application, please allow up to 28 days for Land Owners Consent, Permits and Consultations. Please allow up to 40 days for Integrated Development Applications.



DPI Fisheries acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for Elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Tuesday, 1 November 2022 2:10 PM
To: sarah.conacher@dpi.nsw.gov.au; ahp.central@dpi.nsw.gov.au
Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill; RUSSELL, Nathan
Subject: RE: Soil and Water Management Sub-Plan (SWMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Hi Sarah,

Unfortunately we have not received your comments in regard to Revision 1 of the Rankin Park to Jesmond (RP2J) Project Soil and Water Management Sub-Plan (SWMP).

Given the time elapsed since originally providing the SWMP for comment (on 05/10/22, about four weeks ago), it is Fulton Hogan's intention to submit the SWMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

In the event comments are received after CEMP approval, Fulton Hogan will work with you to address those comments at that point in time.

Please do not hesitate to call me on 0403 089 028 if you would like to discuss this matter, or if you have any update on when comments will be provided.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 7:57 AM
To: sarah.conacher@dpi.nsw.gov.au; ahp.central@dpi.nsw.gov.au
Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>
Subject: Soil and Water Management Sub-Plan (SWMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

Good morning Sarah,

Re: Soil and Water Management Sub-Plan (SWMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

I am happy to advise that Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

Please find attached Revision 1 of the Soil and Water Management Sub-Plan (SWMP) for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with DPI Fisheries during the preparation of our SWMP.

Key points:

- This is not the only opportunity DPI Fisheries will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached SWMP.
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It would be appreciated if you could please provide your comments on the SWMP by Wednesday 19 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

Please note – We are aiming to send you the Flora and Fauna Management Sub-Plan (FFMP) over the next few days.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: [Melissa Mayfield-smith](#)
To: Sarah.Conacher@dpi.nsw.gov.au
Cc: [Lawson Gill](#)
Subject: RE: Transport: DPI meeting summary 20 October 2022
Date: Tuesday, 1 November 2022 10:58:17 AM
Attachments: [image001.png](#)
[image004.png](#)
[image005.png](#)
[image003.png](#)

Hi Sarah,

I have just heard from our contractor for Rankin Park to Jesmond that they intend on submitting the Soil and Water Management plan tomorrow and Flora and Fauna Management Plan later. I know from our meeting and previous discussions that you didn't have any concerns due to the lack of any key fish habitat in the project area, but do you mind confirming that via a return email. That would just form evidence of consultation for Department of Planning and Environment.

We have passed on how under resourced you are at the moment and our contractors has also said that if you have any comments later on they are happy to incorporate as well.

Feel free to contact either myself or Lawson if you have any questions or would like to discuss further.

Thank you,

Melissa Mayfield-Smith

Senior Manager Environment and Sustainability
Safety, Environment and Regulation Division
Transport for NSW

M 0408 199 626

E Melissa.mayfield-smith@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



**Transport
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

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From: Melissa Mayfield-smith

Sent: Friday, 28 October 2022 11:38 AM

To: Sarah.Conacher@dpi.nsw.gov.au; Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; Elle Hutchinson <Elle.Hutchinson@transport.nsw.gov.au>; Renae Martin <Renae.MARTIN@transport.nsw.gov.au>

Cc: Melissa Sawatske <Melissa.Sawatske@transport.nsw.gov.au>

Subject: Transport: DPI meeting summary 20 October 2022

Hi All,

Thank you for meeting on 20 October. Below is a summary:

Rankin Park to Jesmond – Lawson Gill - <https://roads-waterways.transport.nsw.gov.au/projects/newcastle-inner-city-bypass/rankin-park-to-jesmond.html>

- Rankin Park to Jesmond (RP2J) is a State Significant Infrastructure project in Newcastle
- The project only contains first order ephemeral watercourses with no key fish habitat
- Previous consultation has been completed with DPI Fisheries on the environmental monitoring programs with no comments
- Transport are required to consult with DPI Fisheries under the Conditions of Approval for the following plans:
 - Flora and Fauna Management Sub-plan
 - Soil and Water Management Sub-plan
- These plans have been submitted to DPI Fisheries by our contractor (Rebekah Byrne - Fulton Hogan)

Action: Sarah to provide a response with any comments.

Note: Soil and Water Management sub-plan sent on 5 October and Flora and Fauna Management Sub-plan sent on 18 October.

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

Let me know if there is anything to add to this summary. Renae may send a separate summary of what she ran through.

Regards

Melissa Mayfield-Smith

Senior Manager Environment and Sustainability
Safety, Environment and Regulation Division
Transport for NSW

M 0408 199 626

E Melissa.mayfield-smith@transport.nsw.gov.au

transport.nsw.gov.au

Level 6, 6 Stewart Street
Newcastle West NSW 2302



**Transport
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

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OFFICIAL

SWMP

DPE Water

BYRNE, Rebekah

From: DPIE Water Assessments Mailbox <water.assessments@dpie.nsw.gov.au>
Sent: Wednesday, 19 October 2022 1:06 PM
To: BYRNE, Rebekah
Subject: RE: DPE Water response - NICB - Rankin Park to Jesmond SWMP

Hi Rebekah,

Thanks for your email and clarifying comments. These are adequate to address DPE Water's comments.

Regards
Tim

Tim Baker
Senior Project Officer
Water Assessments
Department of Planning and Environment—Water
T 0428162097 | E tim.baker@dpie.nsw.gov.au

From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Sent: Tuesday, 18 October 2022 3:25 PM
To: DPIE Water Assessments Mailbox <water.assessments@dpie.nsw.gov.au>
Cc: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>
Subject: RE: DPE Water response - NICB - Rankin Park to Jesmond SWMP

Dear Tim,

Thank you for your response to the SWMP for the project. For your convenience, DPE Water's response is snipped below, followed by Fulton Hogan's response.

DPE Water Response to the SWMP for the project:

The Department of Planning and Environment- Water has reviewed the Soil and Water Management Plan (SWMP). The following recommendations are provided:

- That the plan includes the requirement to meter groundwater inflows that may occur due to the project, and this be reported on within regular reporting updates. It is noted there is a reference to a Groundwater Management Plan and Dewatering Procedure however metering and reporting on groundwater take could not be identified.
- That works within waterfront land be carried out in accordance with the Guidelines for Controlled Activities on Waterfront Land (NOW 2012).

Fulton Hogan Response:

- . As stated in Section 1.4 of the Soil and Water Management Sub-Plan (SWMP), the Surface and Ground Water Quality Construction Monitoring Program (SGWQCMP) required under CoA C9(a) was prepared separately to the CEMP (by TfNSW) and approved by the Planning Secretary. Consultation with DPE Water in relation to the SGWQCMP was undertaken as part of that process. Section 4.2.5 of the SGWQCMP explains that as none of the cuts intersect the regional groundwater table, groundwater inflows are expected to be low to negligible and dependent on rainfall recharge. Therefore, consistent with the EIS and SGWQCMP, it is not considered necessary to include an additional requirement to meter groundwater inflows within the SWMP. Groundwater monitoring and reporting will be undertaken during construction in accordance with the SGWQCMP prepared by TfNSW and approved by the Planning Secretary.

- . Section 3.2 of the SWMP will be amended to refer to:
 - 'NSW Office of Water (NOW) Guidelines for controlled activities on waterfront land (2012)' instead of 'NSW Department of Primary Industries (Water) Guidelines for controlled activities on waterfront land – Riparian corridors (2018).'

Please confirm whether DPE Water's comments have been satisfactorily addressed. This will allow Fulton Hogan to progress with the CEMP/SWMP approvals process.

Should you have any queries, please do not hesitate to call me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: DPIE Water Assessments Mailbox <water.assessments@dpie.nsw.gov.au>
Sent: Tuesday, 18 October 2022 9:22 AM
To: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Subject: DPE Water response - NICB - Rankin Park to Jesmond SWMP

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Dear Rebekah,

Please see attached response to the SWMP for this project.

Regards

Tim

Tim Baker
Senior Project Officer
Water Assessments
Department of Planning and Environment—Water
T 0428162097 | E tim.baker@dpie.nsw.gov.au

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BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 8:09 AM
To: water.assessments@dpie.nsw.gov.au
Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill; RUSSELL, Nathan
Subject: Soil and Water Management Sub-Plan (SWMP) for the Rankin Park to Jesmond (RP2J) Project – For DPE Water review and comment
Attachments: RP2J-SWMP [R1] Soil and Water Management Sub-Plan_300922.pdf; CEMP - Comment Register 051022.xlsx

Good morning,

Re: Soil and Water Management Sub-Plan (SWMP) for the Rankin Park to Jesmond (RP2J) Project – For review and comment

I am happy to advise that Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

Please find attached Revision 1 of the Soil and Water Management Sub-Plan (SWMP) for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with DPE Water during the preparation of our SWMP.

Key points:

- This is not the only opportunity DPE Water will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached SWMP.
- The Surface and Ground Water Quality Construction Monitoring Program (SGWQCM) required under Condition of Approval (CoA) C9(a) has been prepared separately to the SWMP (by TfNSW) and approved by the Planning Secretary. Consultation with DPE Water in relation to the SGWQCM was undertaken as part of that process.

It would be appreciated if you could please provide your comments on the SWMP by Wednesday 19 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

Department of Planning and Environment

Our ref: OUT22/18225

Rebekah Byrne

Fulton Hogan

Email: Rebekah.Byrne@fultonhogan.com.au

18 October 2022

Subject: **Newcastle Inner City Bypass – Rankin Park to Jesmond (Stage 4)– Soil and Water Management Plan (SSI-6888)**

Dear Rebekah Byrne

I refer to your request for advice sent on 5 October 2022 to the Department of Planning and Environment (DPE) Water about the above matter.

The Department of Planning and Environment- Water has reviewed the Soil and Water Management Plan (SWMP). The following recommendations are provided:

- That the plan includes the requirement to meter groundwater inflows that may occur due to the project, and this be reported on within regular reporting updates. It is noted there is a reference to a Groundwater Management Plan and Dewatering Procedure however metering and reporting on groundwater take could not be identified.
- That works within waterfront land be carried out in accordance with the Guidelines for Controlled Activities on Waterfront Land (NOW 2012).

Should you have any further queries in relation to this submission please do not hesitate to contact DPE Water Assessments at water.assessments@dpie.nsw.gov.au

Yours sincerely,



Tim Baker

Senior Project Officer, Assessments, Knowledge Division

Department of Planning and Environment: Water

ACHMP

Heritage NSW

BYRNE, Rebekah

From: Kym McNamara <Kym.McNamara@environment.nsw.gov.au>
Sent: Wednesday, 19 October 2022 10:55 AM
To: BYRNE, Rebekah
Cc: Lawson Gill; RUSSELL, Nathan
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Good morning Rebekah,
Thank you for your response below. Heritage NSW are satisfied with the proposed changes to address our comments.

Kind Regards
Kym

Kym McNamara
Manager Assessments
Heritage NSW
Department of Planning and Environment
T (02) 6229 7028 M 0437 418 124 E kym.mcnamara@environment.nsw.gov.au

dpie.nsw.gov.au

Level 3
11 Farrer Place
Queanbeyan NSW 2620

Working days Monday to Friday



I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

Please consider the environment before printing this email.

From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Sent: Wednesday, 19 October 2022 10:38 AM
To: Kym McNamara <Kym.McNamara@environment.nsw.gov.au>
Cc: Lawson Gill <Lawson.Gill@transport.nsw.gov.au>; RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hi Kym,

Thank you for your comments.

Please confirm our response in blue below satisfactorily addresses your comments. Once we hear back from you, we will proceed with issuing the plan to DPE/ the Planning Secretary for review and approval.

- . Section 7.2 – it is suggested that the site induction training also include an element of Aboriginal cultural awareness training that is prepared with input by the registered Aboriginal parties for the project.

Fulton Hogan Response: Section 7.2 will be amended to include an additional dot point that site induction training will include 'Aboriginal archaeological sites and areas of cultural sensitivity'.

Separate to the CEMP approvals process, Fulton Hogan will prepare an Aboriginal cultural awareness video prepared with input by the RAPs, similar to the approach taken on the APRB and Nowra Bridge projects.

- . Clarification needs to be provided around the size of the stop work area. The term 'vicinity' may be interpreted to be a very small area that could lead to additional impacts to suspected human remains if works continue.

Fulton Hogan Response: Chapter 6 mitigation measure ID ACHMM2 will be amended to note 'vicinity' means within 5 metres of the unexpected heritage find determined in consultation with the Project Archaeologist.

Thank you,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: Kym McNamara <Kym.McNamara@environment.nsw.gov.au>

Sent: Tuesday, 18 October 2022 9:55 PM

To: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>

Cc: RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>; Melissa Mayfield-Smith <melissa.mayfield-smith@transport.nsw.gov.au>

Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

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Good evening. I apologise profusely for the delay in getting back to you on this request. Thank you for the opportunity to review the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the Rankin Park to Jesmond (RP2J) Project.

The following brief comments are provided as our response

- . Section 7.2 – it is suggested that the site induction training also include an element of Aboriginal cultural awareness training that is prepared with input by the registered Aboriginal parties for the project.
- . Clarification needs to be provided around the size of the stop work area. The term 'vicinity' may be interpreted to be a very small area that could lead to additional impacts to suspected human remains if works continue.

Please don't hesitate to contact me if you have any questions about my comments.

Kind Regards

Kym

Kym McNamara

Manager Assessments

Heritage NSW

Department of Planning and Environment

T (02) 6229 7028 M 0437 418 124 E kym.mcnamara@environment.nsw.gov.au

dpie.nsw.gov.au

Level 3
11 Farrer Place
Queanbeyan NSW 2620

Working days Monday to Friday



I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

Please consider the environment before printing this email.

From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Sent: Thursday, 13 October 2022 6:59 PM
To: Kym McNamara <Kym.McNamara@environment.nsw.gov.au>
Cc: RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hi Kym,

Welcome back from leave, I bet you have a tonne of emails!

I'll give you a call tomorrow as we are keen to progress the ACHMP/CEMP approval process. Is there any chance you could let me know if you have any comments tomorrow?

Talk soon,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 9:55 AM
To: Kym McNamara <Kym.McNamara@environment.nsw.gov.au>
Cc: RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hi Kym,

Just wondering if you have any comments on the ACHMP?

Regards,

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 10:14 AM

To: Kym McNamara <Kym.McNamara@environment.nsw.gov.au>; HERITAGE Mailbox (HERITAGEMailbox@environment.nsw.gov.au) <HERITAGEMailbox@environment.nsw.gov.au>

Cc: RUSSELL, Nathan <Nathan.Russell@fultonhogan.com.au>

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hi Kym,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – For your review and comment

Please find attached Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for your review and comment. Sorry the plan is a week later than previously advised.

In accordance with condition C4 of the project approval, we are required to consult with Heritage NSW during the preparation of our ACHMP.

As you know, the salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community for the project. As a result, the focus of the ACHMP is on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

It would be appreciated if you could please provide your comments by Wednesday 21 September 2022. Alternatively, if you have no comments, please send me an email to say the same.

Also for your information – I sent the ACHMP to the 17 Registered Aboriginal Parties (RAPs) for review and comment this morning as well.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Friday, 12 August 2022 10:16 AM

To: Kym McNamara <Kym.McNamara@environment.nsw.gov.au>

Subject: Rankin Park to Jesmond (RP2J) - Aboriginal Heritage Management Sub-Plan (AHMP) - Status Update

Hi Kym,

Thanks for taking my call.

As discussed, I am planning to send you the RP2J Aboriginal Heritage Management Sub-Plan (AHMP) for review and comment the week commencing Monday 29 August 2022. I just wanted to give you a heads up as I'm hearing a lot of agencies are very busy.

When I send the plan I will also send it to heritagemailbox@environment.nsw.gov.au.

Feel free to call me anytime on 0403 089 028.

Kind regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria
NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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ACHMP

Registered Aboriginal Parties

ACHMP - RAP

Awabakal Local Aboriginal Land Council

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Monday, 17 October 2022 7:26 AM
To: ceo@awabakallalc.com.au; culture@awabakallalc.com.au
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Rob,

We have not received your comments in regard to Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Given the time elapsed since originally providing the ACHMP for comment (on 7/9/21, over five weeks ago), it is Fulton Hogan's intention to submit the ACHMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

In the event comments are received after CEMP approval, Fulton Hogan will work with you to address those comments at that point in time.

Please do not hesitate to call me on 0403 089 028 if you would like to discuss this matter, or if you have any update on when comments will be provided.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 14 October 2022 7:47 AM
To: ceo@awabakallalc.com.au; culture@awabakallalc.com.au
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Rob

Unfortunately I do not have your phone number and that is the reason why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 2:15 PM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – Comments

We have not received your comments in regard to Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Although the comment period closed on Wednesday 28 September 2022, I'll call you early next week in case you would prefer to advise me of any comments you may have over the phone.

Enjoy your weekend.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – For your review and comment

Further to my email below, please find attached Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for your review and comment.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties during the preparation of our ACHMP.

As you may be aware, the salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community for the project. As a result, the focus of the ACHMP is on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

It would be appreciated if you could please provide your comments by Wednesday 28 September 2022. Alternatively, if you have no comments, please send me an email or give me a call to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

Hello,

Re: Aboriginal Heritage Management Sub-Plan (AHMP) for the Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

For those of whom I was unable to contact via phone on Monday 15/8/22, I am happy to advise that Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties (RAPs) during the preparation of the Aboriginal Heritage Management Sub-Plan (AHMP) for the project. As salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community, the AHMP will focus on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

We are currently preparing the AHMP and expect to email it to you for review and comment in late August 2022.

In addition, Fulton Hogan Construction together with Transport for NSW will be hosting an Industry Participation session, located at the Souths Leagues Club, 46 Llewellyn Street, Merewether NSW 2291:

Date: Thursday 25 August 2022

Time: 4pm to 5pm

You are more than welcome to come along and meet the Fulton Hogan Construction team and to ask any questions about Aboriginal heritage management during the delivery of the project. A copy of the draft AHMP will be available on the day. Nathan Russell, RP2J Environmental Manager will be available to answer any questions about the AHMP. Andrew Craig, Workforce Participation and Training Manager will also be available to discuss potential employment and training opportunities.

Feel free to contact me on 0403 089 028 if you have any queries. Alternatively, if you would like general information about the project please contact the project information line on 1800 818 433.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

ACHMP - RAP

Wattaka Wonnarua Cultural Consultancy Services

BYRNE, Rebekah

From: Des Hickey <deshickey@bigpond.com>
Sent: Wednesday, 5 October 2022 4:13 PM
To: BYRNE, Rebekah
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - No comments

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Hi Rebekah

You are correct I do not have any comments on the (ACHMP) due to my group was not selected to be involved in a paid capacity for the cultural heritage works, I can't give you an accurate cultural response to your report, I need to be out on site and involved from the very start of the project. I do understand that consultation do not guarantee employment for RAP's however the proponents should always seek out the knowledge holders of the project areas for the cultural works.

The RAP's that were involved out in the field or on site have a cultural obligation to respond to the ACHMP.

Thanks'
Des Hickey
WATTAKA Pty Ltd

From: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Sent: Wednesday, 5 October 2022 3:00 PM
To: deshickey@bigpond.com
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - No comments

Hi Des,

Thank you for taking my phone call. Based on our discussion I understand you have no comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Kind regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 2:15 PM
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – Comments

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Although the comment period closed on Wednesday 28 September 2022, I'll call you early next week in case you would prefer to advise me of any comments you may have over the phone.

Enjoy your weekend.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hello,

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As you may be aware, the salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community for the project. As a result, the focus of the ACHMP is on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

It would be appreciated if you could please provide your comments by Wednesday 28 September 2022. Alternatively, if you have no comments, please send me an email or give me a call to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

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Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Date: Thursday 25 August 2022
Time: 4pm to 5pm

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<https://www.fultonhogan.com/privacy-policy/>

ACHMP - RAP

Awabakal Traditional Owners Aboriginal Corporation

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Thursday, 13 October 2022 11:56 AM
To: Kerrie Brauer
Subject: RP2JP - ACHMP

Hi Kerrie,

Thanks very much for just taking my call, especially since you're off on leave.

This email confirms our discussion that:

- Fulton Hogan has sent the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) to all 17 Registered Aboriginal Parties (RAPs).
- As salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community, the ACHMP focuses on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.
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BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Wednesday, 12 October 2022 7:40 AM
To: Kerrie Brauer
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Good morning Kerrie,

I am writing to ask whether you had a chance to review the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) and have any comments?

Many thanks,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Tuesday, 4 October 2022 7:54 AM
To: Kerrie Brauer <kerrie@awabakal.com.au>
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Good morning Kerrie,

No worries at all, thanks for letting me know. I look forward to receiving your reply this week.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: Kerrie Brauer <kerrie@awabakal.com.au>
Sent: Friday, 30 September 2022 5:47 PM
To: BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au>
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

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Hi Rebekah,

Thank you for the reminder as we have been a bit flat out and will read it over the weekend and reply next week if that's ok.

Many thanks,
Kerrie Brauer



Kerrie Brauer | Director | Administration | Awabakal Traditional Owners Aboriginal Corporation
M: 04 12 86 63 57 | E: kerrie@awabakal.com.au | www.awabakal.com.au
PO Box 122 Rutherford NSW 2320 Australia

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ACHMP - RAP

Kerrie Brauer & Ors on behalf of the Awabakal and Guringai People (Awabakal and Guringai People)

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Kerrie Brauer | Director | Administration | Awabakal Traditional Owners Aboriginal Corporation
M: 04 12 86 63 57 | E: kerrie@awabakal.com.au | www.awabakal.com.au
PO Box 122 Rutherford NSW 2320 Australia

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ACHMP - RAP

Hunter Valley Cultural Surveying

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Monday, 17 October 2022 7:38 AM
To: microlith99@gmail.com
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Luke,

I hope you are well.

On 14 October 2022 I sent a text message to ask whether you have any comments on the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP). Unfortunately, I received no response.

Given the time elapsed since originally providing the ACHMP for comment (on 7/9/21, over five weeks ago), it is Fulton Hogan's intention to submit the ACHMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

In the event comments are received after CEMP approval, Fulton Hogan will work with you to address those comments at that point in time.

Please do not hesitate to call me on 0403 089 028 if you would like to discuss this matter, or if you have any update on when comments will be provided.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 3:17 PM
To: microlith99@gmail.com
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Luke,

I just left a voicemail on your mobile but it said it would be converted to text message, so thought I'd better follow up with an email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to let me know?

Alternatively feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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Luke >

Text Message
Friday 8:50 am

ABORIGINAL CULTURAL
HERITAGE MANAGEMENT
SUB-PLAN (ACHMP) for the
RANKIN PARK TO JESMOND
PROJECT

Hi Luke,

Just writing to ask if you have
any comments on the ACHMP?
Reply 'Yes' to confirm you have
comments and I'll call to
discuss.

Reply 'No' to confirm no
comments

Reply 'Stop' to opt-out.

Thanks,

Rebekah

Fulton Hogan



Text Message



ACHMP - RAP

Aboriginal and Native Title Corporation (Valley ELM Corp)

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 3:38 PM
To: valleyelmcorp@bigpond.com
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - No comments

Hi Irene,

Thank you for taking my phone call. As per our discussion, I understand that you have no comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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Further to my email below, please find attached Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for your review and comment.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties during the preparation of our ACHMP.

As you may be aware, the salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community for the project. As a result, the focus of the ACHMP is on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

It would be appreciated if you could please provide your comments by Wednesday 28 September 2022. Alternatively, if you have no comments, please send me an email or give me a call to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

Hello,

Re: Aboriginal Heritage Management Sub-Plan (AHMP) for the Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

For those of whom I was unable to contact via phone on Monday 15/8/22, I am happy to advise that Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties (RAPs) during the preparation of the Aboriginal Heritage Management Sub-Plan (AHMP) for the project. As salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community, the AHMP will focus on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

We are currently preparing the AHMP and expect to email it to you for review and comment in late August 2022.

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Date: Thursday 25 August 2022

Time: 4pm to 5pm

You are more than welcome to come along and meet the Fulton Hogan Construction team and to ask any questions about Aboriginal heritage management during the delivery of the project. A copy of the draft AHMP will be available on the day. Nathan Russell, RP2J Environmental Manager will be available to answer any questions about the AHMP. Andrew Craig, Workforce Participation and Training Manager will also be available to discuss potential employment and training opportunities.

Feel free to contact me on 0403 089 028 if you have any queries. Alternatively, if you would like general information about the project please contact the project information line on 1800 818 433.

ACHMP - RAP

Kevin Duncan

BYRNE, Rebekah

From: Kevin Duncan <kevin.duncan@bigpond.com>
Sent: Wednesday, 5 October 2022 4:47 PM
To: BYRNE, Rebekah
Subject: Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

CAUTION: This email is from outside our organisation. Do not click links or attachments unless you recognise the sender email address and know the content is safe. [[Click here to report this email as spam.](#)]

Hi Rebecca at this stage I don't have any comments sorry for the late reply, Kevin

Sent from my iPhone

On 5 Oct 2022, at 3:48 pm, BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au> wrote:

Hi Kevin,

Unfortunately I do not have your phone number and that is the reason why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 2:15 PM
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – Comments

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Although the comment period closed on Wednesday 28 September 2022, I'll call you early next week in case you would prefer to advise me of any comments you may have over the phone.

Enjoy your weekend.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – For your review and comment

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Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

Hello,

Re: Aboriginal Heritage Management Sub-Plan (AHMP) for the Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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Fulton Hogan may collect, use and disclose personal information about you so we can perform our business activities and functions and provide quality customer services. You can view our Privacy Statement at <https://www.fultonhogan.com/privacy-policy/>

ACHMP - RAP

Wonnarua Elder LHWCS

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Friday, 14 October 2022 9:45 AM
To: tn.miller@southernphone.com.au
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Tom,

We have not received your comments in regard to Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Given the time elapsed since originally providing the ACHMP for comment (on 7/9/21, over five weeks ago), it is Fulton Hogan's intention to submit the ACHMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

In the event comments are received after CEMP approval, Fulton Hogan will work with you to address those comments at that point in time.

Please do not hesitate to call me on 0403 089 028 if you would like to discuss this matter, or if you have any update on when comments will be provided.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 3:58 PM
To: tn.miller@southernphone.com.au
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Tom,

Unfortunately the number (0402 636 521) I have to reach you is 'not connected' and that is why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively, feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Friday, 30 September 2022 2:15 PM

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Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

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Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Re: Aboriginal Heritage Management Sub-Plan (AHMP) for the Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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ACHMP - RAP

Widescope Indigenous Group

BYRNE, Rebekah

From: WIDESCOPE . <widescope.group@live.com>
Sent: Thursday, 6 October 2022 4:47 PM
To: BYRNE, Rebekah
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

CAUTION: This email is from outside our organisation. Do not click links or attachments unless you recognise the sender email address and know the content is safe. [[Click here to report this email as spam.](#)]

Hi Rebekah,

I support the recommendation out lined in the ACHMP

Regards
Steven Hickey
0425230693

From: [BYRNE, Rebekah](#)
Sent: Wednesday, 5 October 2022 4:06 PM
To: widescope.group@live.com
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Steven,

Unfortunately I do not have your phone number and that is the reason why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively, feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 2:15 PM
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – Comments

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Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

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Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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ACHMP - RAP

Amanda Hickey Cultural Services

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Monday, 17 October 2022 7:47 AM
To: amandahickey@live.com.au
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Amanda,

Unfortunately we have not received your comments in regard to Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

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Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 4:14 PM
To: amandahickey@live.com.au
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Amanda,

I hope you are well.

I just left a voicemail message on your mobile to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

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Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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ACHMP - RAP

A1 Indigenous Services

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Monday, 17 October 2022 8:02 AM
To: Cazadirect@live.com
Subject: FW: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Carolyn,

Unfortunately we have not received your comments in regard to Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

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Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – For your review and comment

Further to my email below, please find attached Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for your review and comment.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties during the preparation of our ACHMP.

As you may be aware, the salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community for the project. As a result, the focus of the ACHMP is on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

It would be appreciated if you could please provide your comments by Wednesday 28 September 2022. Alternatively, if you have no comments, please send me an email or give me a call to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

Hello,

Re: Aboriginal Heritage Management Sub-Plan (AHMP) for the Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

For those of whom I was unable to contact via phone on Monday 15/8/22, I am happy to advise that Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties (RAPs) during the preparation of the Aboriginal Heritage Management Sub-Plan (AHMP) for the project. As salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community, the AHMP will focus on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

We are currently preparing the AHMP and expect to email it to you for review and comment in late August 2022.

In addition, Fulton Hogan Construction together with Transport for NSW will be hosting an Industry Participation session, located at the Souths Leagues Club, 46 Llewellyn Street, Merewether NSW 2291:

Date: Thursday 25 August 2022
Time: 4pm to 5pm

You are more than welcome to come along and meet the Fulton Hogan Construction team and to ask any questions about Aboriginal heritage management during the delivery of the project. A copy of the draft AHMP will be available on the day. Nathan Russell, RP2J Environmental Manager will be available to answer any questions about the AHMP. Andrew Craig, Workforce Participation and Training Manager will also be available to discuss potential employment and training opportunities.

Feel free to contact me on 0403 089 028 if you have any queries. Alternatively, if you would like general information about the project please contact the project information line on 1800 818 433.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

ACHMP - RAP

Lower Hunter Aboriginal Incorporated

BYRNE, Rebekah

From: Lower Hunter Aboriginal Incorporated <lowerhunterai@gmail.com>
Sent: Wednesday, 5 October 2022 4:41 PM
To: BYRNE, Rebekah
Subject: Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

CAUTION: This email is from outside our organisation. Do not click links or attachments unless you recognise the sender email address and know the content is safe. [[Click here to report this email as spam.](#)]

Hi Rebekah
I have no further comments to add.

On Wed, 5 Oct 2022 at 4:39 pm, BYRNE, Rebekah <Rebekah.Byrne@fultonhogan.com.au> wrote:

Hi David,

Unfortunately the number (0421 329 520) I have to reach you is 'not connected' and that is why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively, feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, [90 Bourke Road Alexandria NSW 2015](#) | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 2:15 PM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – Comments

We have not received your comments in regard to Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Although the comment period closed on Wednesday 28 September 2022, I'll call you early next week in case you would prefer to advise me of any comments you may have over the phone.

Enjoy your weekend.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, [90 Bourke Road Alexandria NSW 2015](#) | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – For your review and comment

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Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, [90 Bourke Road Alexandria NSW 2015](#) | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Re: Aboriginal Heritage Management Sub-Plan (AHMP) for the Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Date: Thursday 25 August 2022

Time: 4pm to 5pm

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Participation and Training Manager will also be available to discuss potential employment and training opportunities.

Feel free to contact me on 0403 089 028 if you have any queries. Alternatively, if you would like general information about the project please contact the project information line on 1800 818 433.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, [90 Bourke Road Alexandria NSW 2015](#) | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

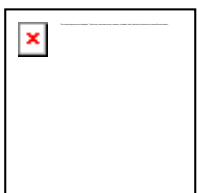
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Fulton Hogan may collect, use and disclose personal information about you so we can perform our business activities and functions and provide quality customer services. You can view our Privacy Statement at <https://www.fultonhogan.com/privacy-policy/>

--
Thank You David Ahoy
Sites Manager
LHAI
Mobile 0431764850

Lower Hunter Aboriginal Incorporated

ABN: 8192 4628 138
Email: lowerhunterai@gmail.com



This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed.
If you have received this email in error please notify the sender immediately.

ACHMP - RAP

Wonn1 (Entity of Kauwul Pty Ltd)

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Friday, 14 October 2022 2:31 PM
To: wonn1sites@gmail.com; arthur.c.fletcher@gmail.com
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Arthur,

Thank you for calling me back. As just discussed, I understand you have no objections to Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) and we can move forward with the project.

Enjoy your weekend.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 4:55 PM
To: wonn1sites@gmail.com; arthur.c.fletcher@gmail.com
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Arthur,

I hope you are well.

I just left a voicemail message on your mobile (0402 146 193) to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively, feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 2:15 PM
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – Comments

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Enjoy your weekend.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

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It would be appreciated if you could please provide your comments by Wednesday 28 September 2022. Alternatively, if you have no comments, please send me an email or give me a call to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Feel free to contact me on 0403 089 028 if you have any queries. Alternatively, if you would like general information about the project please contact the project information line on 1800 818 433.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

ACHMP - RAP

Didge Ngunawal Clan

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Friday, 14 October 2022 10:25 AM
To: didgengunawalclan@yahoo.com.au
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Paul and Lilly,

Unfortunately we have not received your comments in regard to Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Given the time elapsed since originally providing the ACHMP for comment (on 7/9/21, over five weeks ago), it is Fulton Hogan's intention to submit the ACHMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

In the event comments are received after CEMP approval, Fulton Hogan will work with you to address those comments at that point in time.

Please do not hesitate to call me on 0403 089 028 if you would like to discuss this matter, or if you have any update on when comments will be provided.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 4:58 PM
To: didgengunawalclan@yahoo.com.au
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Paul and Lilly,

Unfortunately I do not have your phone number and that is the reason why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively, feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Friday, 30 September 2022 2:15 PM

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From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

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Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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ACHMP - RAP

Murra Bidgee Mullangari Aboriginal Corporation Cultural Heritage

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Monday, 17 October 2022 8:06 AM
To: murrabidgeemullangari@yahoo.com.au
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Darleen,

I hope you are well.

On 14 October 2022 I sent a text message to ask whether you have any comments on the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP). Unfortunately, I received no response.

Given the time elapsed since originally providing the ACHMP for comment (on 7/9/21, over five weeks ago), it is Fulton Hogan's intention to submit the ACHMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

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Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 5:07 PM
To: murrabidgeemullangari@yahoo.com.au
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Darleen,

I hope you are well.

I just left a voicemail message on your mobile (0490 051 102) to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively, feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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Sent: Friday, 30 September 2022 2:15 PM
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Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444



Darleen >



iMessage
Friday 10:29 am

ABORIGINAL CULTURAL
HERITAGE MANAGEMENT
SUB-PLAN (ACHMP) for the
RANKIN PARK TO JESMOND
PROJECT

Hi Darleen

Just writing to ask if you have
any comments on the ACHMP?
Reply 'Yes' to confirm you have
comments and I'll call to
discuss.

Reply 'No' to confirm no
comments

Reply 'Stop' to opt-out.

Thanks,

Rebekah

Fulton Hogan

Delivered



iMessage



ACHMP - RAP

Yinarr Cultural Services

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Friday, 14 October 2022 10:34 AM
To: dontminemeay@gmail.com; yinarrculturalservices@gmail.com
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Kathie,

Unfortunately we have not received your comments in regard to Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Given the time elapsed since originally providing the ACHMP for comment (on 7/9/21, over five weeks ago), it is Fulton Hogan's intention to submit the ACHMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

This will allow the Construction Environmental Management Plan (CEMP) approvals process to progress, without delaying the commencement of the project.

In the event comments are received after CEMP approval, Fulton Hogan will work with you to address those comments at that point in time.

Please do not hesitate to call me on 0403 089 028 if you would like to discuss this matter, or if you have any update on when comments will be provided.

Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 5:12 PM
To: dontminemeay@gmail.com; yinarrculturalservices@gmail.com
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Kathie,

Unfortunately the number (0475 436 589) I have to reach you is 'not connected' and that is why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

Alternatively, feel free to call me on 0403 089 028.

Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Friday, 30 September 2022 2:15 PM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – Comments

We have not received your comments in regard to Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Although the comment period closed on Wednesday 28 September 2022, I'll call you early next week in case you would prefer to advise me of any comments you may have over the phone.

Enjoy your weekend.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 7 September 2022 9:52 AM

Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - For your review and comment

Hello,

Re: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for the RP2J Project – For your review and comment

Further to my email below, please find attached Revision 2 of the Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) for your review and comment.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties during the preparation of our ACHMP.

As you may be aware, the salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community for the project. As a result, the focus of the ACHMP is on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

It would be appreciated if you could please provide your comments by Wednesday 28 September 2022. Alternatively, if you have no comments, please send me an email or give me a call to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

Hello,

Re: Aboriginal Heritage Management Sub-Plan (AHMP) for the Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

For those of whom I was unable to contact via phone on Monday 15/8/22, I am happy to advise that Fulton Hogan Construction has been awarded the design and construct contract for the RP2J Project for Transport for NSW.

In accordance with condition C4 of the project approval, we are required to consult with the Registered Aboriginal Parties (RAPs) during the preparation of the Aboriginal Heritage Management Sub-Plan (AHMP) for the project. As salvage operations have already been completed by Transport for NSW in consultation with the Aboriginal community, the AHMP will focus on the implementation of the Transport for NSW Unexpected Heritage Finds and Human Remains Procedure.

We are currently preparing the AHMP and expect to email it to you for review and comment in late August 2022.

In addition, Fulton Hogan Construction together with Transport for NSW will be hosting an Industry Participation session, located at the Souths Leagues Club, 46 Llewellyn Street, Merewether NSW 2291:

Date: Thursday 25 August 2022

Time: 4pm to 5pm

You are more than welcome to come along and meet the Fulton Hogan Construction team and to ask any questions about Aboriginal heritage management during the delivery of the project. A copy of the draft AHMP will be available on the day. Nathan Russell, RP2J Environmental Manager will be available to answer any questions about the AHMP. Andrew Craig, Workforce Participation and Training Manager will also be available to discuss potential employment and training opportunities.

Feel free to contact me on 0403 089 028 if you have any queries. Alternatively, if you would like general information about the project please contact the project information line on 1800 818 433.

Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

ACHMP - RAP

Awabakal Descendants Traditional Owners

BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Friday, 14 October 2022 10:38 AM
To: peterleven@y7mail.com
Subject: RE: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Peter,

Unfortunately we have not received your comments in regard to Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP).

Given the time elapsed since originally providing the ACHMP for comment (on 7/9/21, over five weeks ago), it is Fulton Hogan's intention to submit the ACHMP to the Planning Secretary of the Department of Planning and Environment (DPE) for approval.

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Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah
Sent: Wednesday, 5 October 2022 5:14 PM
To: peterleven@y7mail.com
Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

Hi Peter,

Unfortunately I do not have your phone number and that is the reason why I'm sending you another email.

I am writing to ask whether you have any comments on Revision 2 of the Rankin Park to Jesmond (RP2J) Project Aboriginal Cultural Heritage Management Sub-Plan (ACHMP)?

If you do not have any comments, could you please send me a quick email to say 'no comments'?

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Thank you,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

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Subject: Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) - Rankin Park to Jesmond (RP2J) Project - Comments

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Sent: Wednesday, 7 September 2022 9:52 AM

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Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

From: BYRNE, Rebekah

Sent: Wednesday, 17 August 2022 9:56 AM

Subject: Aboriginal Heritage Management Sub-Plan (AHMP) - Newcastle Inner City Bypass Rankin Park to Jesmond (RP2J) Project – Status update

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Regards,

Rebekah Byrne | Environment Advisor – NSW Construction | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

FMP

City of Newcastle

BYRNE, Rebekah

From: Peter R. McMurray <prmcmurray@ncc.nsw.gov.au>
Sent: Tuesday, 18 October 2022 5:46 PM
To: BYRNE, Rebekah
Subject: RE: FOR APPROVAL - Rankin Park to Jesmond (RP2J) - CEMP comments & status update

Hi Rebekah

The Flood Management Sub-Plan (FMP) has been reviewed with no comments/concerns/changes.

Regards

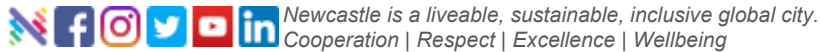
Peter

Peter R. McMurray | Asset Services Manager

City of Newcastle | City Infrastructure

Assets & Facilities | Asset Services

E: prmcmurray@ncc.nsw.gov.au | T: +61249742613 | M: +61435084271



City of Newcastle acknowledges the Traditional Custodians of the land of the Newcastle LGA, the Awabakal and Worimi peoples.



BYRNE, Rebekah

From: BYRNE, Rebekah
Sent: Wednesday, 21 September 2022 3:34 PM
To: Peter R. McMurray
Cc: Antonn.Russek@transport.nsw.gov.au; Paul.Bucan@transport.nsw.gov.au; Rebecca.Vaughan@transport.nsw.gov.au; Lawson Gill; RUSSELL, Nathan
Subject: Flood Management Sub-Plan (FMP) for the RP2J Project – For review and comment
Attachments: RP2J-FMP [R1] Flood Management Sub-Plan_200922.pdf; CEMP - Comment Register 210922.xlsx

Hi Peter,

Re: Flood Management Sub-Plan (FMP) for the RP2J Project – For review and comment

Please find attached Revision 1 of the Flood Management Sub-Plan (FMP) for your review and comment. Please include your comments in the attached Comment Register.

In accordance with condition C4 of the project approval, we are required to consult with City of Newcastle during the preparation of our FMP.

Please note - this is not the only opportunity you will have to engage with us on the project. Ongoing consultation will be undertaken during detailed design and construction of the project as required by the environmental documents. This will be subject to a separate consultation process to that required for preparation of the attached FMP.

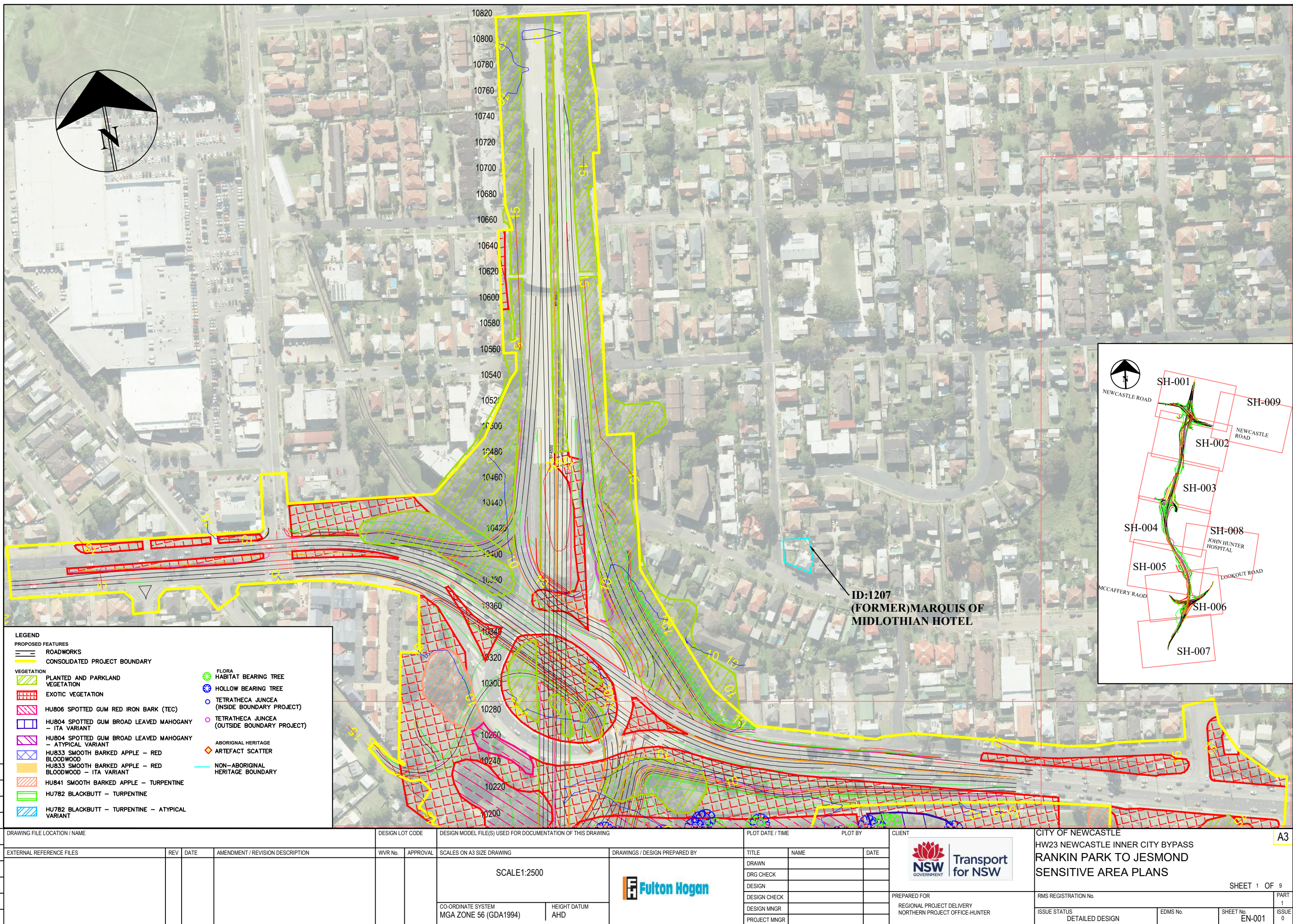
It would be appreciated if you could please provide your comments on the FMP by Friday 7 October 2022. Alternatively, if you have no comments, please send me an email to say the same.

If you have any queries, feel free to contact me on 0403 089 028.

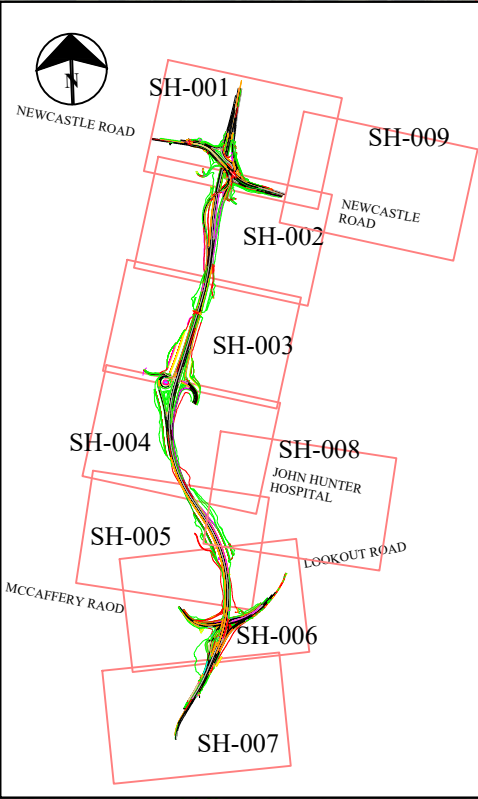
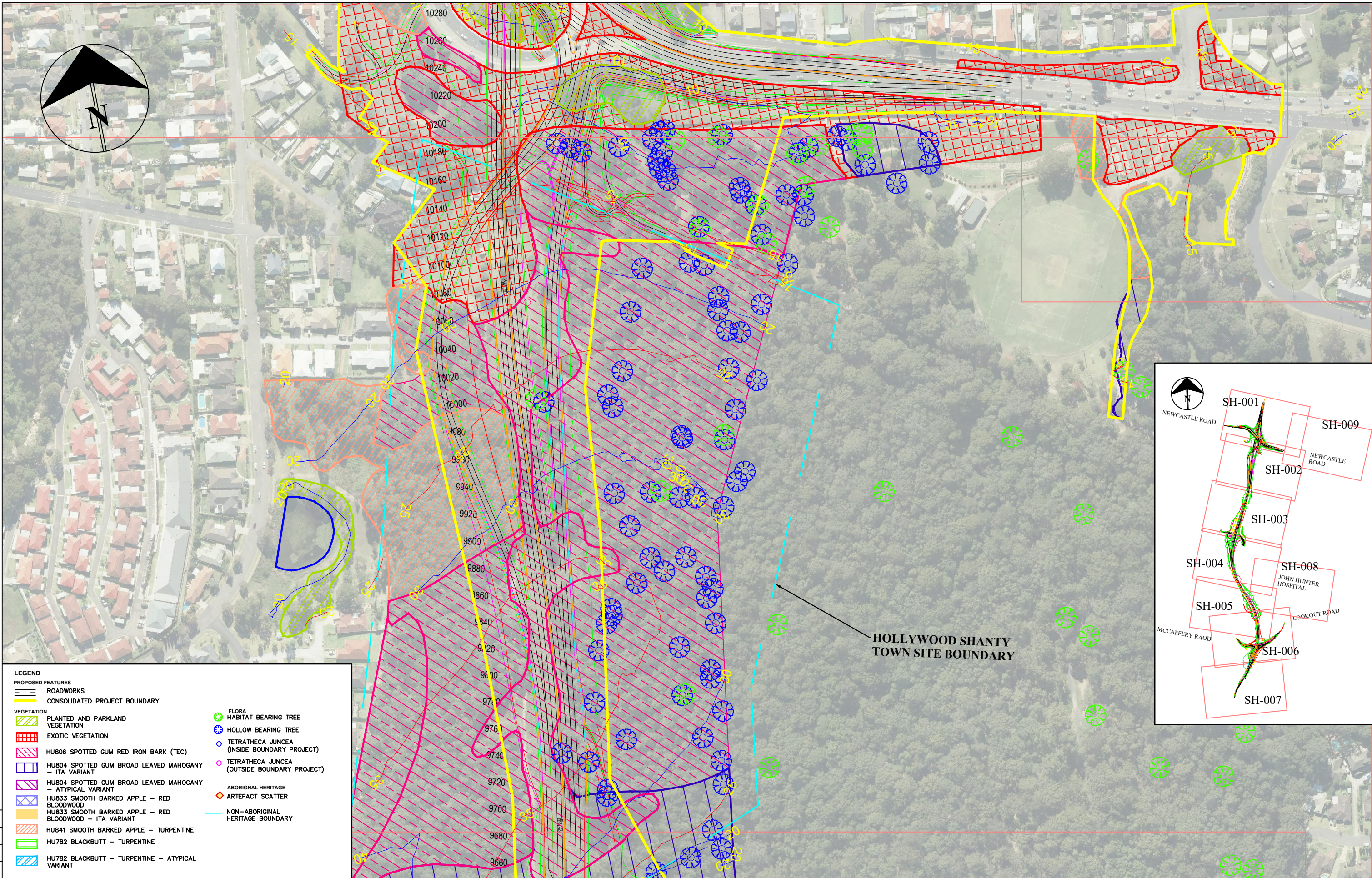
Regards,

Rebekah Byrne | **Environment Advisor – NSW Construction** | **Fulton Hogan** | Level 3, 90 Bourke Road Alexandria NSW 2015 | PO Box 6099 Alexandria NSW 2015 | Phone +61 2 8346 9400 | Fax +61 2 8346 9444

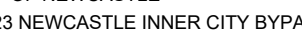
Appendix A6: Sensitive area plans

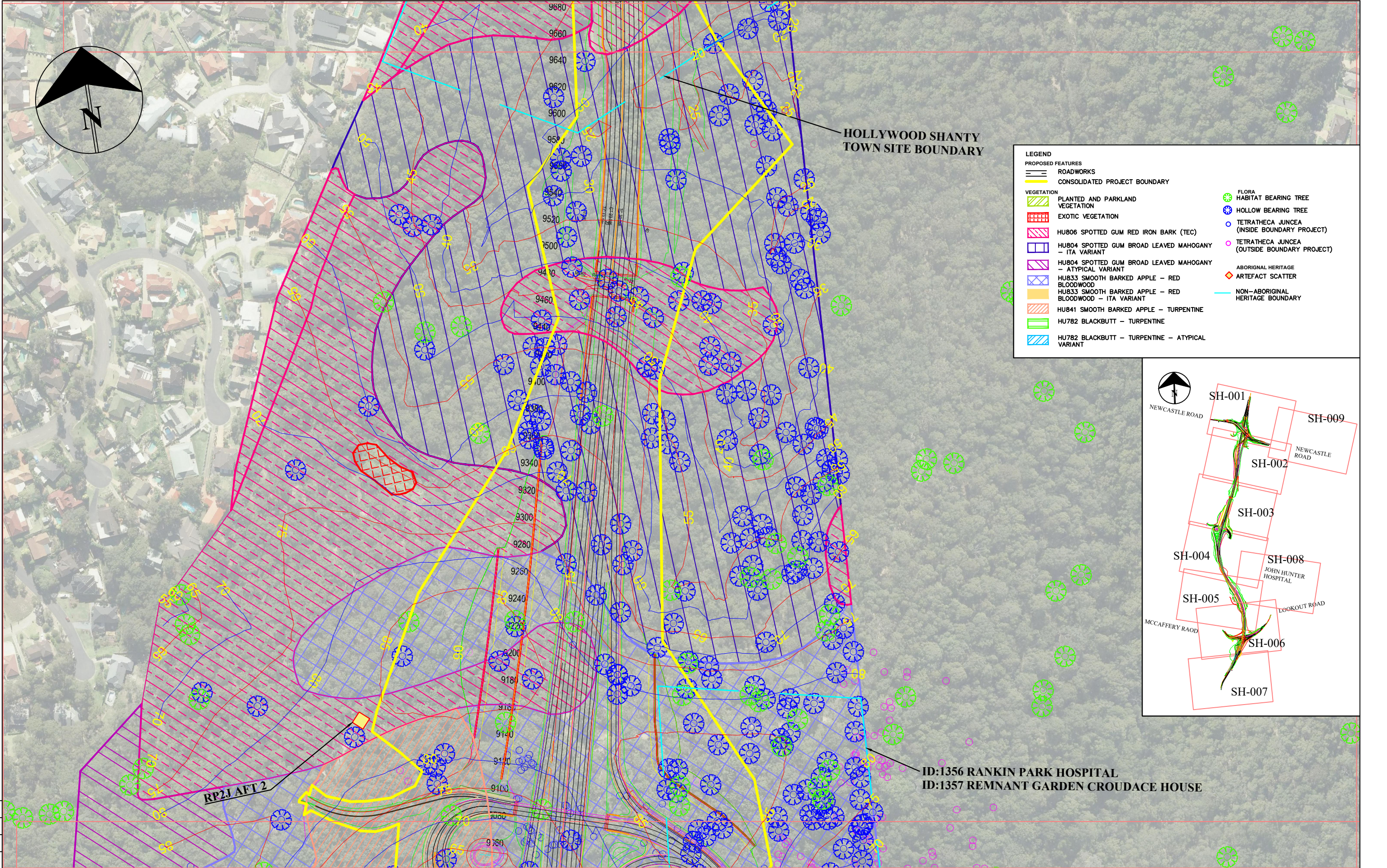


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LEGEND			
PROPOSED FEATURES			
	ROADWORKS		
	CONSOLIDATED PROJECT BOUNDARY		
VEGETATION			
	PLANTED AND PARKLAND VEGETATION		FLORA HABITAT BEARING TREE
	EXOTIC VEGETATION		HOLLOW BEARING TREE
	HU806 SPOTTED GUM RED IRON BARK (TEC)		TETRATHECA JUNCEA (INSIDE BOUNDARY PROJECT)
	HU804 SPOTTED GUM BROAD LEAVED MAHOGANY – ITA VARIANT		TETRATHECA JUNCEA (OUTSIDE BOUNDARY PROJECT)
	HU804 SPOTTED GUM BROAD LEAVED MAHOGANY – ATYPICAL VARIANT		
	HU833 SMOOTH BARKED APPLE – RED BLOODWOOD		ABORIGINAL HERITAGE
	HU833 SMOOTH BARKED APPLE – RED BLOODWOOD – ITA VARIANT		ARTEFACT SCATTER
	HU841 SMOOTH BARKED APPLE – TURPENTINE		NON-ABORIGINAL HERITAGE BOUNDARY
	HU782 BLACKBUTT – TURPENTINE		
	HU782 BLACKBUTT – TURPENTINE – ATYPICAL VARIANT		

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												ISSUE STATUS DETAILED DESIGN				EDMS No.		SHEET No. EN-002		ISSUE 0			



LEGEND

PROPOSED FEATURES

ROADWORKS

CONSOLIDATED PROJECT BOUNDARY

VEGETATION

PLANTED AND PARKLAND VEGETATION

EXOTIC VEGETATION

HU806 SPOTTED GUM RED IRON BARK (TEC)

HU804 SPOTTED GUM BROAD LEAVED MAHOGANY - ITA VARIANT

HU804 SPOTTED GUM BROAD LEAVED MAHOGANY - ATYPICAL VARIANT

HU833 SMOOTH BARKED APPLE - RED BLOODWOOD

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HU841 SMOOTH BARKED APPLE - TURPENTINE

HU782 BLACKBUTT - TURPENTINE

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FLORA HABITAT BEARING TREE

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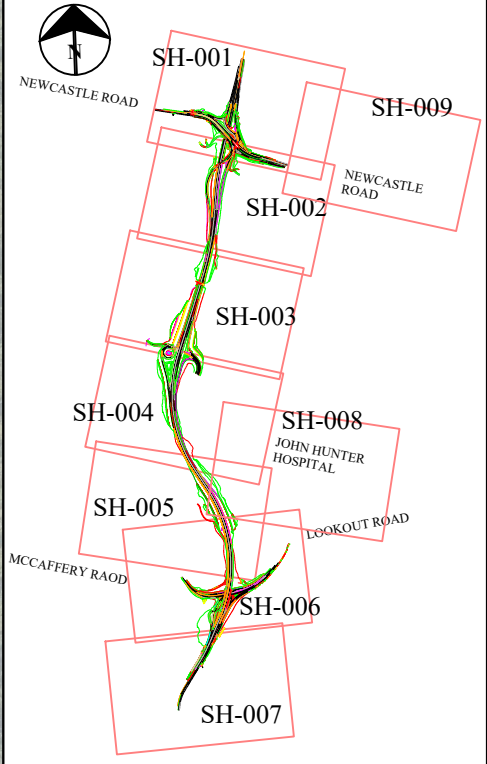
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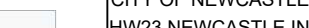
TETRATHECA JUNCEA (OUTSIDE BOUNDARY PROJECT)

ABORIGINAL HERITAGE

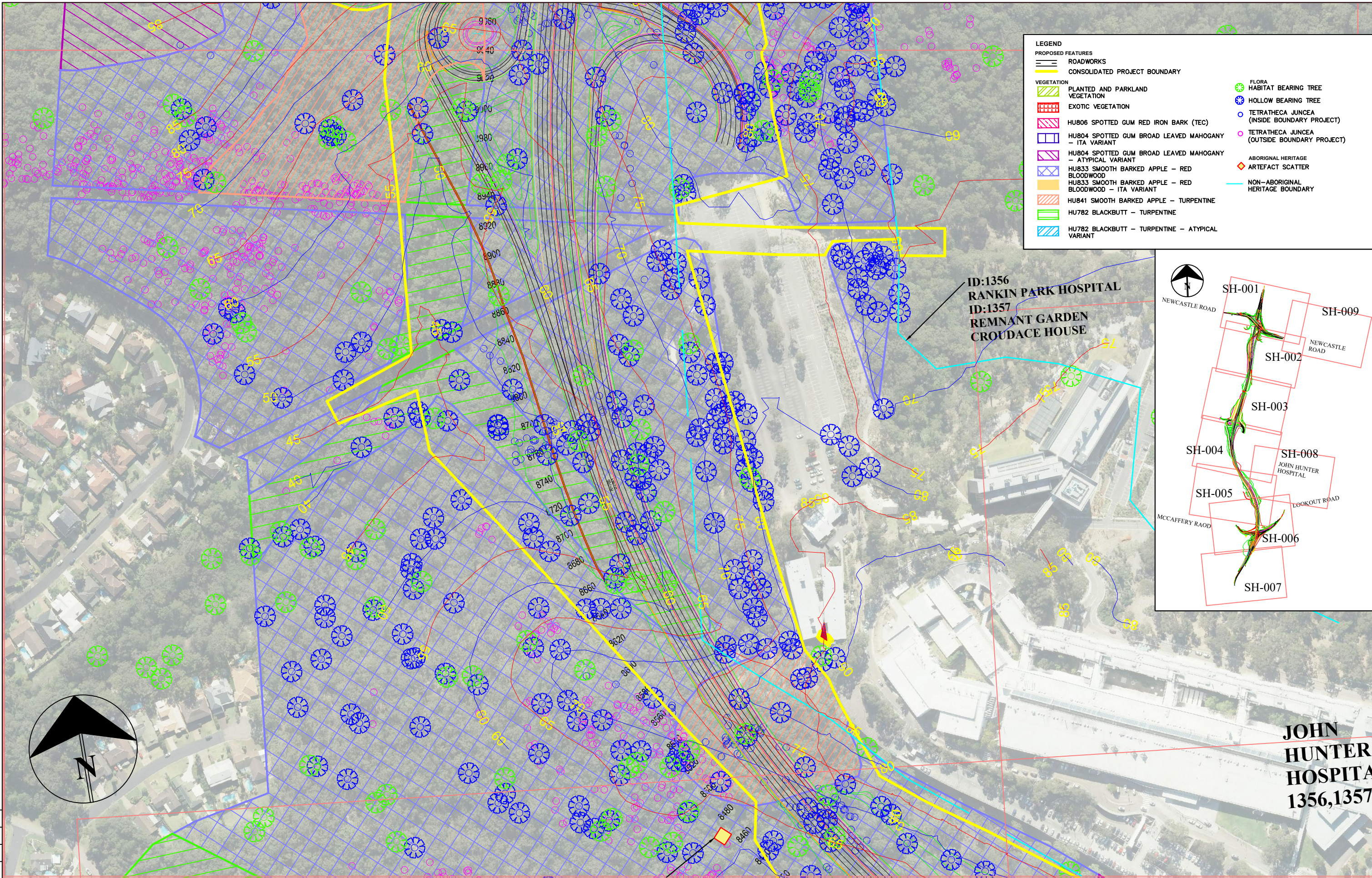
ARTIFACT SCATTER

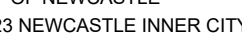
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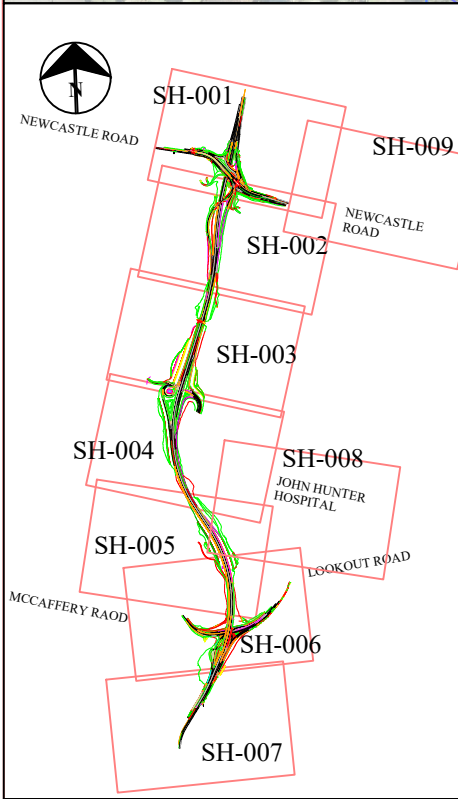
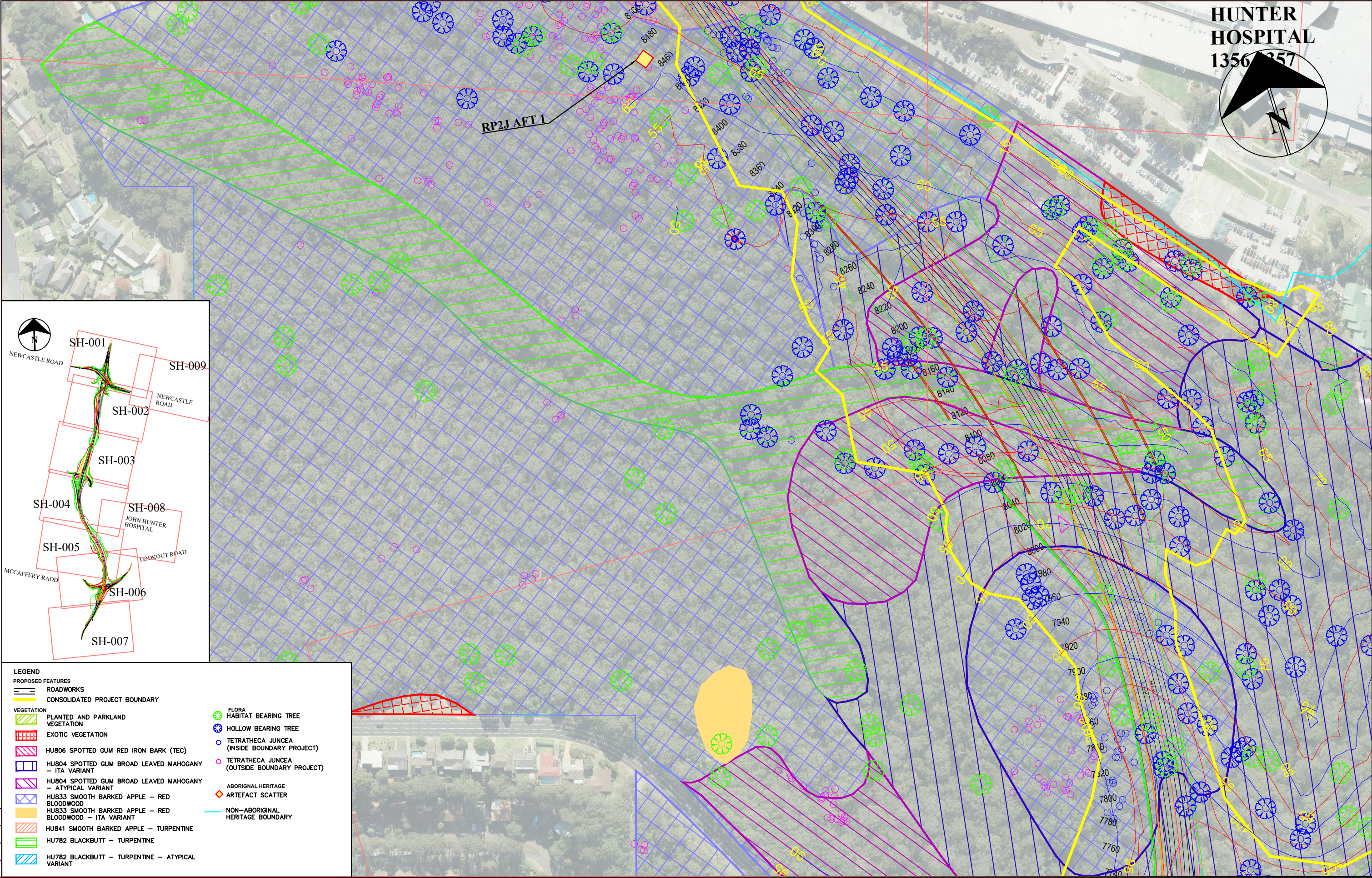


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LEGEND

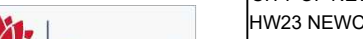
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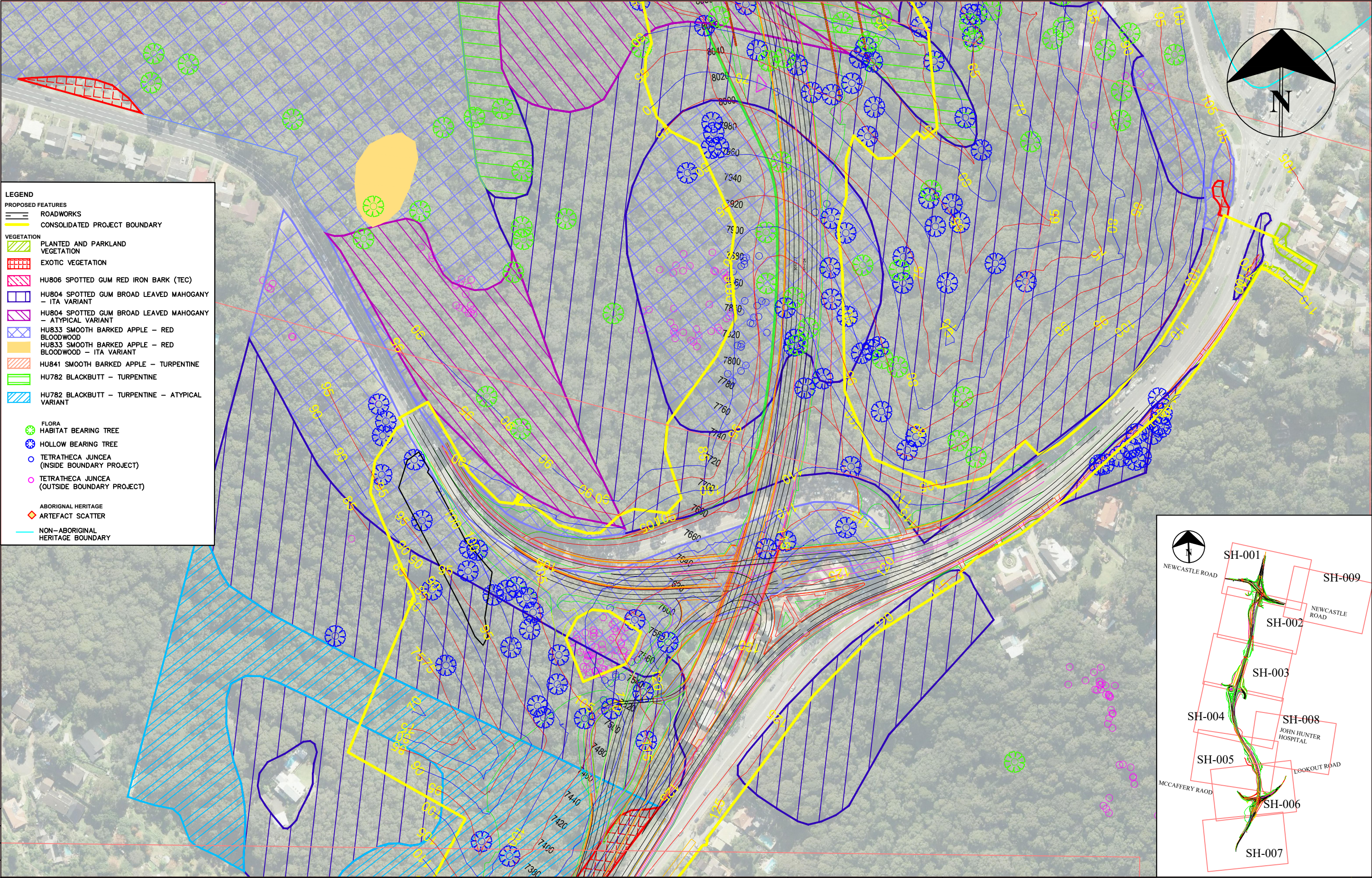
- ROADWORKS
- CONSOLIDATED PROJECT BOUNDARY

VEGETATION

- PLANTED AND PARKLAND VEGETATION
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- ABORIGINAL HERITAGE
- ARTEFACT SCATTER
- NON-ABORIGINAL HERITAGE BOUNDARY

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LEGEND

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ROADWORKS

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VEGETATION

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FLORA

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HOLLOW BEARING TREE

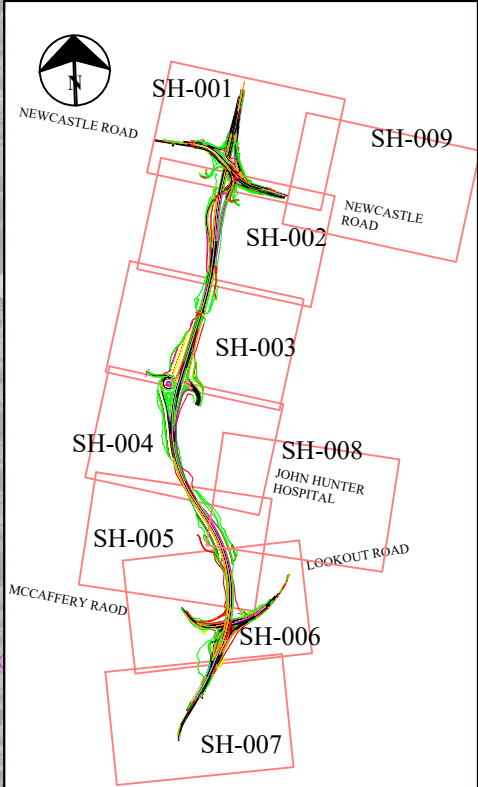
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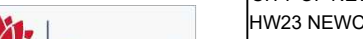
TETRATHECA JUNCEA (OUTSIDE BOUNDARY PROJECT)

ABORIGINAL HERITAGE

ARTEFACT SCATTER

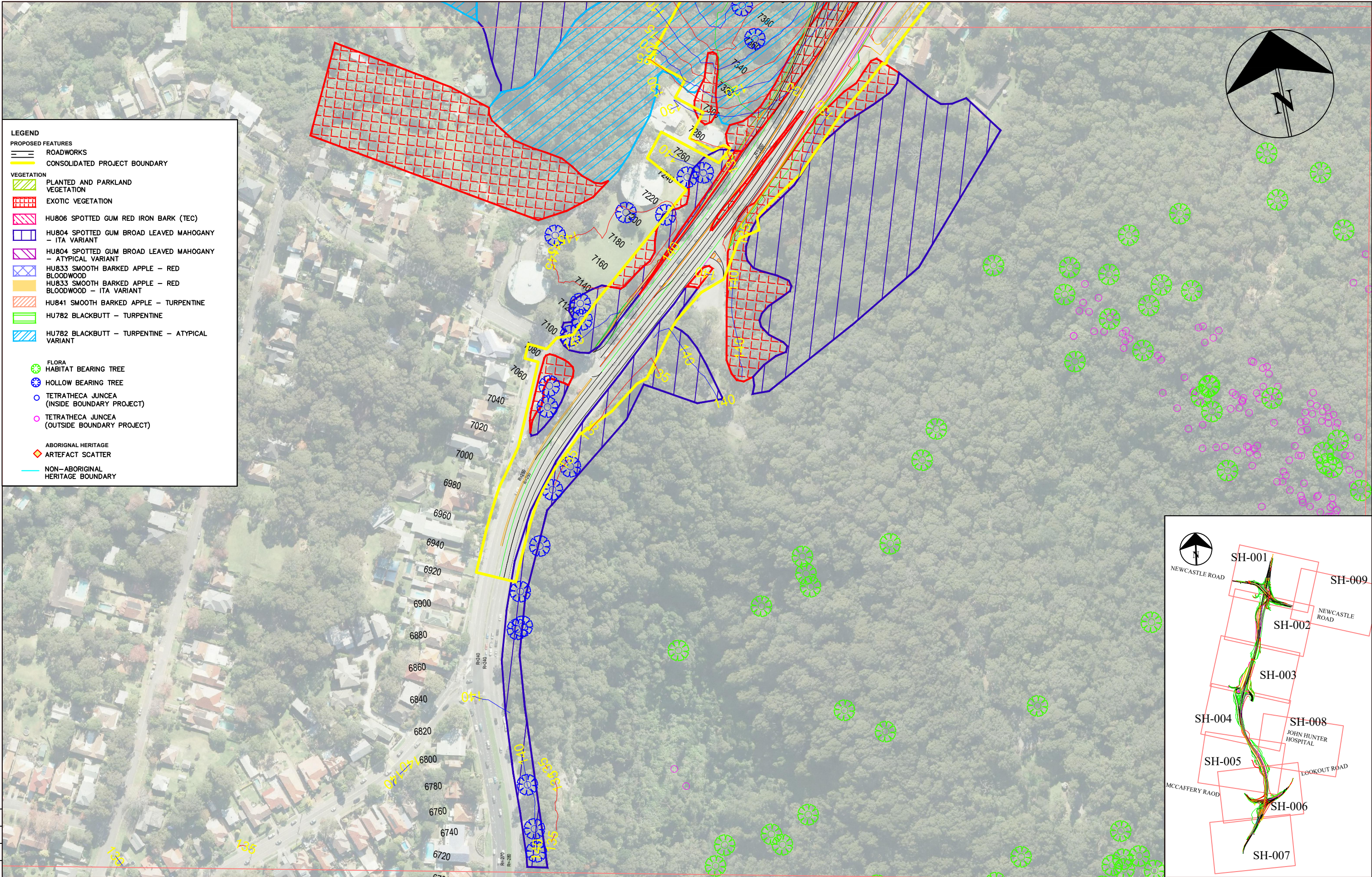
NON-ABORIGINAL HERITAGE BOUNDARY



DRAWING FILE LOCATION / NAME						DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME			PLOT BY		CLIENT		CITY OF NEWCASTLE HW23 NEWCASTLE INNER CITY BYPASS RANKIN PARK TO JESMOND SENSITIVE AREA PLANS				A3		
EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY			TITLE	NAME	DATE			SHEET 6 OF 9					
							SCALE1:2500						DRAWN												
													DRG CHECK												
													DESIGN												
													DESIGN CHECK												
							CO-ORDINATE SYSTEM MGA ZONE 56 (GDA1994)			HEIGHT DATUM AHD			DESIGN MNGR												
													PROJECT MNGR												
																PREPARED FOR		RMS REGISTRATION No.							
																		REGIONAL PROJECT DELIVERY NORTHERN PROJECT OFFICE-HUNTER		PART 1					
																		ISSUE STATUS DETAILED DESIGN			EDMS No.		SHEET No. EN-006		ISSUE 0

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150mm ON A3 SIZE ORIGINAL



LEGEND

PROPOSED FEATURES

ROADWORKS

CONSOLIDATED PROJECT BOUNDARY

VEGETATION

PLANTED AND PARKLAND VEGETATION

EXOTIC VEGETATION

HU806 SPOTTED GUM RED IRON BARK (TEC)

HU804 SPOTTED GUM BROAD LEAVED MAHOGANY - ITA VARIANT

HU804 SPOTTED GUM BROAD LEAVED MAHOGANY - ATYPICAL VARIANT

HU833 SMOOTH BARKED APPLE - RED BLOODWOOD

HU833 SMOOTH BARKED APPLE - RED BLOODWOOD - ITA VARIANT

HU841 SMOOTH BARKED APPLE - TURPENTINE

HU782 BLACKBUTT - TURPENTINE

HU782 BLACKBUTT - TURPENTINE - ATYPICAL VARIANT

FLORA HABITAT BEARING TREE

HOLLOW BEARING TREE

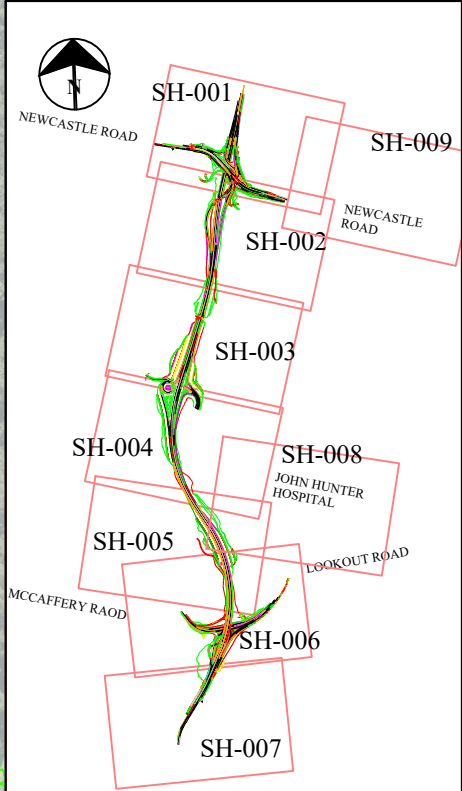
TETRATHECA JUNCEA (INSIDE BOUNDARY PROJECT)

TETRATHECA JUNCEA (OUTSIDE BOUNDARY PROJECT)

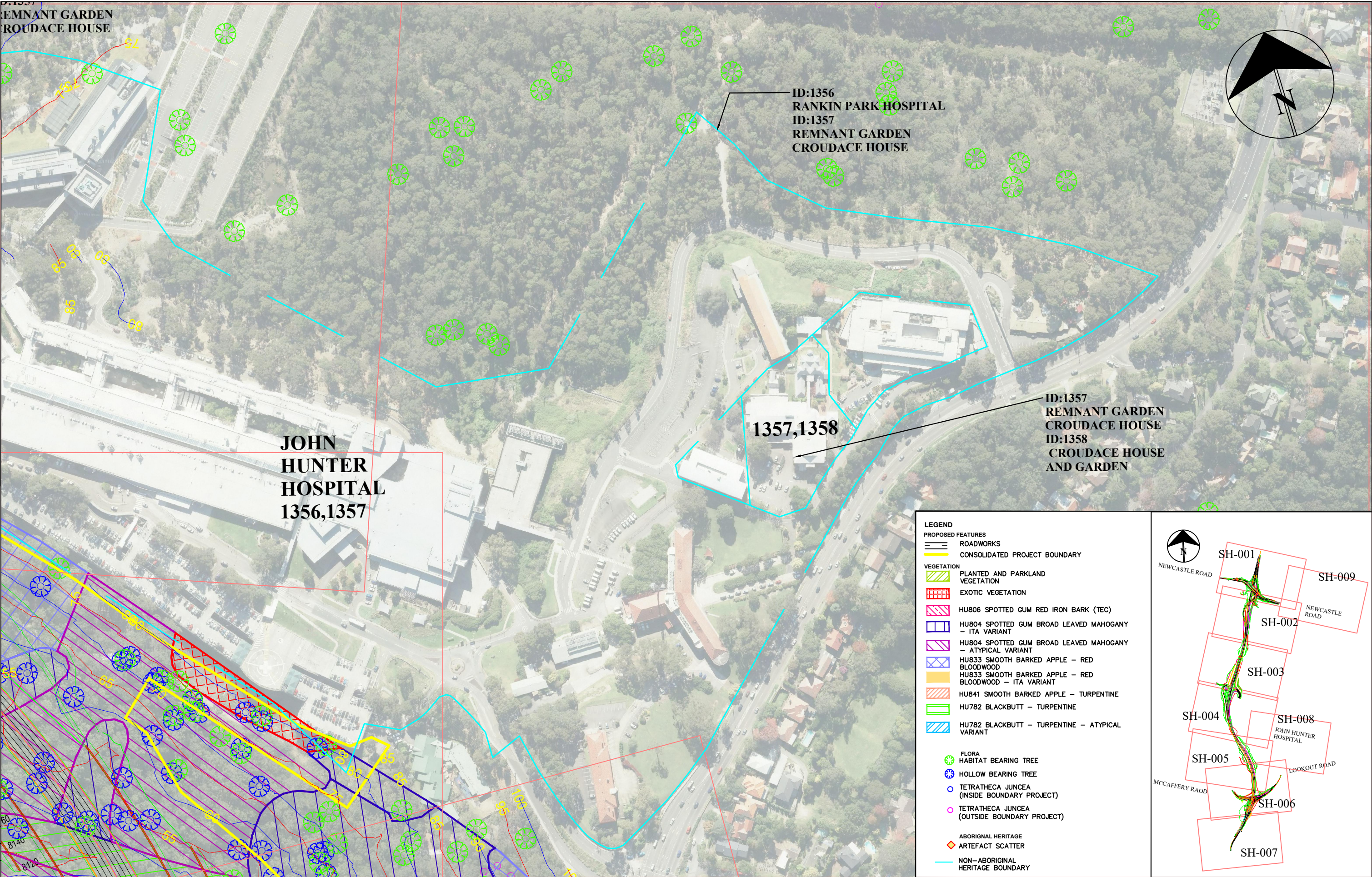
ABORIGINAL HERITAGE

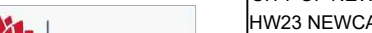
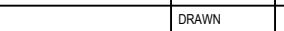
ARTEFACT SCATTER

NON-ABORIGINAL HERITAGE BOUNDARY



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EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE	NAME	DATE			SHEET 7 OF 9				
									SCALE1:2500				DRAWN									
									DRG CHECK													
									DESIGN													
									DESIGN CHECK													
									CO-ORDINATE SYSTEM MGA ZONE 56 (GDA1994)		HEIGHT DATUM AHD		DESIGN MNGR			PREPARED FOR REGIONAL PROJECT DELIVERY NORTHERN PROJECT OFFICE-HUNTER		RMS REGISTRATION No.				
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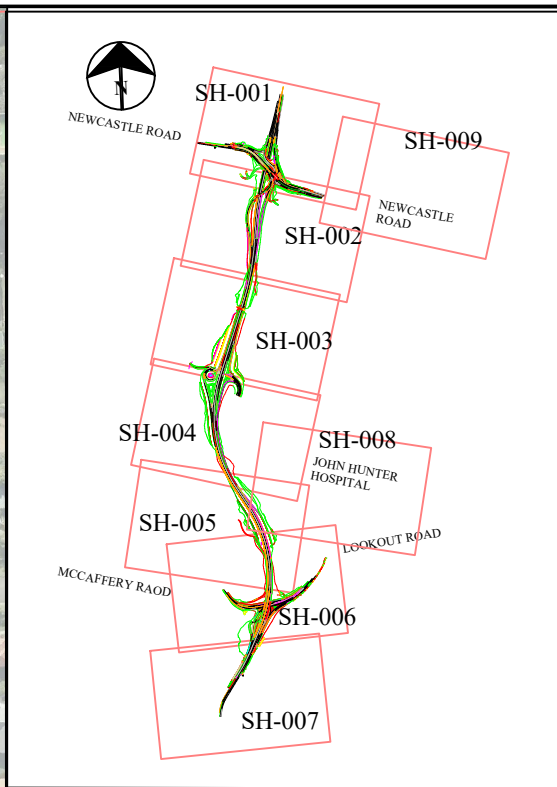


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EXTERNAL REFERENCE FILES				REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL		SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE	NAME	DATE			SHEET 8 OF 9			
								SCALE1:2500				DRAWN											
												DRG CHECK											
												DESIGN											
								CO-ORDINATE SYSTEM MGA ZONE 56 (GDA1994)		HEIGHT DATUM AHD		DESIGN CHECK											
												DESIGN MNGR											
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																		REGIONAL PROJECT DELIVERY NORTHERN PROJECT OFFICE-HUNTER		PART 1			
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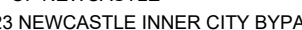
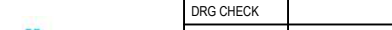
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150mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45



LEGEND	
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	CONSOLIDATED PROJECT BOUNDARY
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											SCALE1:2500						DRAWN									
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