

**Ancillary Site Establishment
Management Plan – 1J**
Revision C - Coffs Harbour Bypass

FERROVIAL GAMUDA JOINT VENTURE

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DOCUMENT CONTROL

The current document version number and date of revision are shown in the document footer. All changes made to the Management Plan during its implementation on a live project are to be recorded in the amendment tables below.

Revision	Date	Description of changes
A	13/09/2023	Draft for TfNSW, ER, NSW EPA and City of Coffs Harbour Review
B	04/10/2023	Updated following TfNSW, ER, AA, NSW EPA and City of Coffs Harbour consultation. Issued to DPE
C	11/12/2023	Updated following comments from DPE
D		

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1	ER/AA/EPA/CoCH	A,B
2	DPE	B
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LIST OF EMERGENCY AND KEY CONTACTS

Position	Name	Phone
EPA Pollution Hotline	N/A	131 555
Fire and Rescue NSW	N/A	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)
NSW Ministry of Health	N/A	02 9391 9000 for NSW Ministry of Health 02 6589 2120 for Port Macquarie Public Health Unit
SafeWork NSW	N/A	131 050
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TERMS AND DEFINITIONS

Abbreviation	Expanded Text
ASEMP	Ancillary Site Establishment Management Plan
CEMP	Construction Environmental Management Plan
CSSI	Critical State Significant Infrastructure
DPE	Department of Planning and Environment
DPE, EESG	Department of Planning and Environment, Environment, Energy and Science Group
EIS	Environmental Impact Statement
EPA	NSW Environment Protection Authority
EPBC-CoA	Federal Conditions of Approval under the EPBC Act
Environmental aspect	Defined by AS/NZS ISO 14001:2015 as an element of an organisation's activities, products or services that can interact with the environment.
Environmental impact	Defined by AS/NZS ISO 14001:2015 as any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organisation's environmental aspects.
Environmental incident	An unexpected event that has, or has the potential to, cause harm to the environment and requires some action to minimise the impact or restore the environment.
Environmental Representative (ER)	A suitably qualified and experienced person independent of project design and construction personnel employed for the duration of construction. The principal point of advice in relation to all questions and complaints concerning environmental performance.
EP&A Act	Environmental Planning and Assessment Act 1979 (NSW)
EPL	Environment Protection Licence
EWMS	Environmental work method statement
FGJV	Ferrovial Gamuda Joint Venture
MAF	Minor Ancillary Facility
MCoA	Minister's Conditions of Approval
MOMF	Motorway Operations and Maintenance Facility
Minister, the	Minister for Planning and Public Spaces (or delegate)
PESCP	Progressive Erosion and Sediment Control Plan
PIRMP	Pollution Incident Response Management Plan
Principal, the	TfNSW
POEO Act	Protection of the Environment Operations Act 1997 (NSW)
Project, the	Coffs Harbour Bypass
REMMs	Revised Environmental Management Measures
ROL	Road occupancy licence
SAP	Sensitive Area Plan
TfNSW	Transport for NSW

1 INTRODUCTION

1.1 CONTEXT

This Ancillary Site Establishment Management Plan (ASEMP) – 1J has been developed for the Coffs Harbour Bypass (the Project) and has been prepared in accordance with the Minister's Condition of Approval (MCoA) A15.

This ASEMP has been prepared in accordance with:

- The Conditions of Approval (MCoA) granted to the project 2nd November 2020,
- The Coffs Harbour Bypass Environmental Impact Statement (EIS) 2019,
- The Coffs Harbour Bypass Submissions Report including the revised environmental management measures (REMM), June 2019; and
- All other applicable guidelines and legislation.

1.2 BACKGROUND

The Coffs Harbour Bypass EIS (ARUP 2019) assessed the impacts of construction and operation of the Project. The EIS included a description of the construction ancillary facilities within Chapter 6 and assessed the potential impacts in relation to the ancillary facilities in Chapters 8-27.

The EIS identified the potential for a range of impacts associated with the establishment of ancillary facilities. However, it concluded any potential impacts could be managed by standard mitigation and management measures.

1.3 PROJECT DESCRIPTION

As shown in Figure 1, the Project involves the construction of a 12-kilometre bypass of Coffs Harbour connecting the Pacific Highway between Englands Road to Korora Hill, and a 2-kilometre upgrade to the highway between Korora Hill and Sapphire. A more detailed Project description is provided in Section 1 of the CEMP.

The 1J ancillary facility (currently approved as a minor ancillary facility) located adjacent to the construction alignment with direct access to Englands Road will facilitate the construction of the Project through the following:

- Handling, processing and stockpiling of spoil generated from earthworks.
- Temporary construction facilities including office accommodation, lunchrooms, parking and ablutions.
- Laydown and storage of materials to support civil operations.



FIGURE 1 LOCATION OF COFFS HARBOUR BYPASS (SOURCE: FIGURE 1-2 AMENDMENT REPORT)

2 PURPOSE AND OBJECTIVES

2.1 SCOPE

The scope of this ASEMP is to describe the environmental management practices and procedures which will be implemented for the establishment of the 1J Ancillary Facility:

The key activities to be established under this Plan include the:

- General site clearance as required, site establishment works, fencing and signage,
- Establishment of temporary ancillary facilities including the site office, crib sheds and ablution block
- Progressive installation of environmental controls including temporary or permanent fencing, and erosion and sediment control measures,
- Clearing and removal of vegetation as required,
- Earthworks and site levelling; and
- Relocation, connection and/or protection of utilities.

This ASEMP is applicable to all activities required to establish the Ancillary Facility identified above. All FGJV staff and subcontractors are required to operate under the requirements of this ASEMP, over the duration of the establishment works.

Operation of this Ancillary Facilities will be undertaken in accordance with the Construction Environmental Management Plan (CEMP) and associated sub-plans.

2.2 PURPOSE

The purpose of this ASEMP is to outline the environmental management practices and procedures to be followed during establishment of the 1J Ancillary Facility. This Plan meets the requirements of MCoA A15 to prepare an ASEMP, to be endorsed by the Environment Representative (ER) before it is submitted to the Department of Planning and Environment (DPE) Secretary for approval one month before the establishment of any construction ancillary facilities.

Details of the proposed ancillary facility site establishment activities and potential environmental impacts are summarised in Sections 4 and 5. Management of these potential environmental impacts are summarised in Section 6 and will be undertaken in accordance with this ASEMP and CEMP.

Definitions relating to the ASEMP included in the Instrument of Approval are provided in Table 1.

TABLE 1 DEFINITIONS

Term	Definition
Ancillary Facility	A temporary facility for construction of the CSSI including an office and amenities compound, construction compound, material crushing and screening 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

Term	Definition
Construction	Includes all work required to build the CSSI as described in the documents listed in Condition A1, including commissioning trials of equipment and temporary use of any part of the CSSI and site demobilisation, but excluding the following low impact work which is completed prior to approval of the CEMP: (a) survey work including carrying out general alignment survey, installing survey controls (including installation of global positioning systems (GPS)), installing repeater stations, carrying out surveys of existing and future utilities and building and road dilapidation surveys; (b) investigations including investigative drilling, contamination investigations and excavation; (c) site establishment work approved under an Ancillary Site Establishment Management Plan; (d) operation of ancillary facilities if the ER has determined the operational activities will have minimal impact on the environment and community; (e) minor clearing and relocation of native vegetation (including translocation of threatened species in accordance with a plan required by the conditions of this approval), as identified in the documents listed in Condition A1; (f) installation of mitigation measures including erosion and sediment controls, temporary exclusion fencing for sensitive areas and acoustic treatments; (g) property acquisition adjustment work including installation of property fencing, and relocation and adjustments of utilities to property including water supply and electricity; (h) relocation and connection of utilities where the relocation or connection has a minor impact to the environment as determined by the ER; (i) archaeological testing under the <i>Code of practice for archaeological investigation of Aboriginal objects in NSW (DECCW, 2010)</i> or archaeological monitoring undertaken in association with [(a)]-[(h)] above to ensure that there is no impact on heritage items; (j) archaeological and cultural salvage undertaken in accordance with a strategy or salvage operation required by the conditions of this approval; (k) maintenance of existing buildings and structures required to facilitate the carrying out of the CSSI; and (l) other activities determined by the ER to have minimal environmental impact which may include but not be limited to construction of minor access roads, temporary relocation of pedestrian and cycle paths and the provision of property access. However, where heritage items (excluding those impacted by activities (i) and (j) above), or threatened species (excluding translocation of threatened species in accordance with a translocation plan developed in consultation with EESG) or threatened ecological communities. (within the meaning of the Biodiversity Conservation Act 2016 or Environment Protection and Biodiversity Conservation Act 1999) are affected or potentially affected by any low impact work, that work is construction, unless otherwise determined by the Planning Secretary in consultation with Heritage NSW, EESG (and DPI Fisheries in the case of impact upon fish, aquatic invertebrates or marine vegetation). Note: <i>The low impact work described in this definition becomes Construction with the approval of a Construction Environmental Management Plan. Where low impact work has already commenced, this is considered to remain as low impact work and is managed in accordance with the framework under which it commenced.</i>
Work	Any physical activities to construct or facilitate the construction of the CSSI, including environmental management measures and utility works. However, does not include activities that inform or enables the detailed design of the CSSI and generates noise that is no more than 5 dB(A) above the rating background level (RBL) at any sensitive land use.

3 ENVIRONMENTAL REQUIREMENTS

3.1 MINISTER'S CONDITIONS OF APPROVAL

The MCoA that explicitly relate to this document are provided in Table 2. A cross reference is included to indicate where each condition is addressed in this ASEMP or other project documents.

TABLE 2 CONDITIONS OF APPROVAL

MCoA No.	Requirement	Timing	CEMP Reference
A15 (a)	Before establishment of any construction ancillary facility (excluding minor construction ancillary facilities determined by the ER to have minimal environmental impact and those established under Condition A17), the Proponent must prepare an Ancillary Site Establishment Management Plan which outlines the environmental management practices and procedures to be implemented for the establishment of the construction ancillary facilities. The Ancillary Site Establishment Management Plan must be prepared in consultation with Council and government agencies. The Plan must be submitted to the Planning Secretary for approval one (1) month before the establishment of any construction ancillary facilities. The Plan must be endorsed by the ER before it is submitted to the Planning Secretary. The Ancillary Site Establishment Management Plan must detail the management of the construction ancillary facilities and include: a) description of activities to be undertaken during establishment of the construction ancillary facility (including scheduling and duration of work to be undertaken at the site);	Site establishment	This document Appendix D Section 4
A15 (b)	figures illustrating the proposed operational site layout;	Site establishment	Appendix A
A15 (c)	a program for ongoing analysis of the key environmental risks arising from the site establishment activities described in subsection (a) of this condition, including an initial risk assessment undertaken prior to the commencement of site establishment work;	Site establishment / Construction	Section 6.1 CEMP Section 3.4 and Appendix A2
A15 (d)	details of how the site establishment 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; and	Site establishment	Sections 6 and 7
A15 (e)	a program for monitoring the performance outcomes, including a program for construction noise monitoring consistent with the requirements of Condition C13 .	Site establishment / Construction	Sections 7.3 and 7.4
A16	The use of a construction ancillary facility for Construction must not commence until the CEMP required by Condition C1, relevant CEMP Sub-plans required by Condition C4 and relevant Construction Monitoring Programs required by Condition C13 have been approved by the Planning Secretary. This condition does not apply to the use of construction ancillary facilities as an office facility or where the ER has determined that the activities will have minimal impact on the environment and community.	Construction	Noted. The CEMP was approved 17 March 2023

MCoA No.	Requirement	Timing	CEMP Reference
A17	Lunch sheds, office sheds, portable toilet facilities, and the like, can be established and used where they have been assessed in in the documents listed in Condition A1 or where they satisfy the following criteria: (a) located within or adjacent to the construction boundary; and (b) have been assessed by the ER to have - (i) minimal amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the Interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts, and visual (including light spill) impacts, and (ii) minimal environmental impact with respect to waste management and flooding, and (iii) no impacts on biodiversity, soil and water, and heritage items beyond those already approved under other terms of this approval.	MAF site establishment	Section Error! Reference source not found. Error! Reference source not found.
A18	Boundary screening must be erected around construction ancillary facilities that are adjacent to sensitive receivers for the duration of construction of the CSSI unless otherwise agreed with affected residents, business operators or landowners.	Site establishment / Construction	Section 5 – Visual amenity and landscape
E87	Local roads proposed to be used by heavy vehicles to directly access the construction boundary that are not shown in Figure 4.5-1 Response to Submissions Report must be approved by the Planning Secretary and included in the Traffic and Transport Management Sub-plan	Site establishment / Construction	Section 5 – Access arrangements and parking

3.2 REVISED ENVIRONMENTAL MANAGEMENT MEASURES

Relevant REMM from the EIS Submissions and Amendment Reports are listed in Table 3 below. This includes reference to required outcomes, the timing of when the commitment applies, relevant documents or sections of the environmental assessment influencing the outcome and implementation.

TABLE 3 REVISED ENVIRONMENTAL MANAGEMENT MEASURES

REMM No.	Commitment	Timing	ASEMP Reference
NV08	Ancillary facilities will be designed to ensure that primary noise sources are at a maximum distance from residences (where reasonable and feasible), with solid structures (sheds, containers, etc.) placed between residences and noise sources (and as close to the noise sources as is practical).	Site establishment / Construction	Section 5 – Noise & Vibration Appendix A
FF14	Threatened species habitat will not be cleared for the purposes of ancillary facilities. These areas will be identified and limits of clearing delineated before construction in accordance with FF09.	Site establishment / Construction	Section 5 – Biodiversity
UD04	Project work sites, including construction areas and supporting facilities (such as ancillary sites) will be managed to minimise visual impacts, including appropriate storage of equipment, parking, stockpile screening and arrangements for the storage and removal of rubbish and waste materials.	Construction	Section 5 – Visual amenity and landscape
UD05	Boundary fencing that incorporates screening will be installed around all ancillary sites that are adjacent to residential areas for the duration of site establishment and construction. The boundary fencing (and screening) will be designed to minimise visual impacts on nearby sensitive receivers.	Construction	Section 5 – Visual amenity and landscape
LUP03	Ancillary sites will be rehabilitated to their pre-construction condition (where reasonable and feasible) and managed in accordance with Appendix B of Appendix J, Urban design, landscape character and visual impact assessment of the EIS.	Construction, Post-Construction	Section 5 – Visual amenity and landscape

REMM No.	Commitment	Timing	ASEMP Reference
WM02	Spoil would be beneficially reused as part of the project before alternative spoil disposal options are pursued. Any excess spoil would be managed using the following order of priorities: - Review alignment and profile refinements during detailed design - Assess opportunities to reuse excess spoil in works such as landscaping and noise barriers within the construction footprint or in adjacent land (subject to property owner agreement and/or any project approval or POEO Act requirements) - Beneficial reuse within the construction footprint for rehabilitation of ancillary sites used for the project (where it is within the requirements of the project approval) - Transfer to other nearby Roads and Maritime projects for immediate use, where possible, pending construction of other projects or for use on future projects or routine maintenance - Transfer to a Roads and Maritime approved site for reuse on concurrent private/local government projects (with appropriate approvals as required, eg a section 143 notice under section 143(3A) of the POEO Act) - Disposal at an approved materials recycling or licensed waste disposal facility.	Site establishment / Construction	Section 5 - Waste
WM03	Prior to construction, suitable areas within the ancillary sites or in other appropriate areas within the construction footprint would be allocated which provide adequate space and access for: - Separated storage of building materials - Separated storage and sorting of construction waste - Removal of construction waste for recycling, reuse or disposal - Separated storage of known previously contaminated materials and contingency for unknown contaminated materials.	Site establishment / Construction	Section 5 - Waste
CI01	Where relevant, consultation would be undertaken with proponents of other nearby developments to increase the overall awareness of project timeframes and impacts.	Site establishment / Construction	Section 8.3

3.3 ADDITIONAL APPROVALS, LICENCES, PERMITS AND REQUIREMENTS

A number of approvals, permits and licenses have and/or will be obtained for the Project, these have been identified in Section 3.3.2 of the CEMP.

An Environment Protection Licence (EPL) (#21766) was issued for the Project by the NSW EPA on 21 March 2023 and will be complied with during ancillary facility site establishment.

4 SITE ESTABLISHMENT WORKS

4.1 ANCILLARY SITE ESTABLISHMENT ACTIVITIES

The site includes an established Minor Ancillary Facility (MAF), previously assessed by the Environmental Representative (ER) in accordance with CoA A17 (Table 2). The MAF includes the following facilities:

- Hardstand pad for car parking
- Crib sheds and amenities
- Containers for minor storage of equipment / materials

Stockpiling activities (mulch and spoil) are currently being carried out within the ancillary boundary consistent with the CEMP and Stockpile Management Protocol. The definition of Ancillary Facility within Table 1 of the CoA includes the 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”.

This ASEMP applies to establishment of the area for additional activities, including:

- Materials storage
- HV / plant / large equipment parking and storage

Table 4 describes the general activities to establish the 1J Ancillary Facility. Establishment is proposed to commence early in 2024. The facility will be in operation for the duration of the Project, with decommissioning in December 2027.

Indicative layout for the Ancillary Facility is shown in Appendix A.

TABLE 4 GENERAL SITE ESTABLISHMENT ACTIVITIES

Activity	Site Establishment Works
Site preparation works	• Provision of site security where required such as temporary fencing panels, perimeter fencing and theft prevention systems i.e. video surveillance systems • Set up of traffic controls as required and controlled entry and egress points • Installation of concrete NJB/traffic barriers as separation between vehicle and pedestrian walkway • Installation of regulatory, warning, guidance, and wayfinding signage in the ancillary facility boundaries. •
Initial environmental controls	• Erosion and sediment controls • Delineation of sensitive areas and temporary fencing
Earthworks, site levelling and stockpile areas	• Site levelling, grading and compaction typically involving vibratory rollers • Setting up designated stockpile, laydown and materials storage • Stabilising and sealing of hardstand areas
Utilities - Electrical - Water - Communications	• Existing services installed as part of MAF setup
Installation of crib and amenities	• Delivery and Installation of shipping containers for storage of materials and noise attenuation • Installation of designated wash out areas (i.e. concrete slabs which will involve the use of power saws, elevated work platforms, concrete pumps / trucks)
Fit out, commissioning and install of remaining site infrastructure	• Minor storage and use of chemical and hazardous material, in accordance with AS1940 (paints, solvents, glues, sealants, cements, grease, oils and fuels) in order to facilitate set up of compound • Set up of on-site parking spaces for Project vehicles and delivery areas •

4.2 CONSTRUCTION HOURS

Standard construction hours for the establishment of ancillary facilities as set in MCoA E32 are as follows:

- 7:00am to 6:00pm Mondays to Fridays, inclusive,
- 8:00am to 1:00pm Saturdays; and
- At no time on Sundays or public holidays.

Out of hours works (OOHW) are not anticipated, however may be required to undertake utility connections or for oversized deliveries of plant and equipment. Any OOHW will be managed in accordance with the Project EPL and/or the OOHW Protocol contained in the Construction Noise and Vibration Management Plan (CNVMP).

Notwithstanding Conditions E32 variations to work hours may be permitted in the following circumstances:

- a) *for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or*
- b) *where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm; or*
- c) *where different construction hours are permitted or required under an EPL in force in respect of the CSSI; or*
- d) *work not subject to an EPL that are approved under an **Out-of-Hours Work Protocol** as required by **Condition E40**; or*
- e) *construction that causes LAeq(15 minute) noise levels:*
 - i. *no more than 5 dB(A) above the rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009), or*
 - ii. *no more than the 'Noise affected' noise management levels specified in Table 3 of the Interim Construction Noise Guideline (DECC, 2009) at other sensitive land uses, or*
- f) *continuous or impulsive vibration values, measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), or*
- g) *intermittent vibration values measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006); or*
- h) *negotiated agreements with directly affected residents and sensitive land uses*

5 ENVIRONMENTAL ASPECTS AND POTENTIAL IMPACTS

An ancillary facility is defined under the MCoA as 'a temporary facility for construction of the CSSI including an office and amenities compound, construction compound, material crushing and screening plant, materials storage compound, maintenance workshop, testing laboratory, material stockpile area and car parking facilities.

The EIS has identified site compounds adjacent to the construction alignment.

The sections below summarise the relevant environmental aspects and potential impacts relevant to the Ancillary Facility. These sections should be read in conjunction with the Sensitive Area Plans (SAPs).

5.1 1J ANCILLARY FACILITY

The site is located within the construction boundary of the project where construction activities such as clearing, bulk earthworks and drainage have commenced within the ancillary facility footprint. Therefore, environmental aspects and potential impacts have largely been removed and/or managed prior to site establishment activities. An overarching assessment of the environmental aspects and impacts has been provided Table .

TABLE 5 KEY ENVIRONMENTAL ASPECTS & IMPACTS OF THE 1J SITE

Environmental Aspect	Risk Summary	Mitigation Summary
Access arrangements and parking	Access arrangements will largely be contained within the cleared construction footprint and using public roads identified within the Project EIS and Amendment Report (refer to Appendix C). Access within site from Englands Road will be via the existing hardstand access road servicing the MAF. Upgrades to this access will not be required as part of the ancillary establishment. Where additional vehicles routes are identified that were not included in the Project EIS or Amendment Report, additional approvals will be obtained in accordance with MCoA E87. The site is currently functional as an approved Minor Ancillary Facility (MAF).	Traffic-related impacts including parking during site establishment will be managed through the implementation of the Construction Traffic and Transport Management Plan (CTTMP).
Biodiversity	Additional clearing (approx. 700m²) for establishment of 1J is required in the northern part of the site (refer Appendix A). This area does not include any mapped native vegetation and the potential for biodiversity impacts is considered low. Clearing activities will be undertaken in accordance with the TfNSW G40 Specification. Areas of retained vegetation (eg. along the southern part of site) as well as adjacent vegetation outside of the Project boundary will continue to be clearly delineated in accordance with the Project flagging and signage protocol to ensure no impacts occur.	Though the risk of biodiversity impacts is considered low, control measures will be implemented during works as required in accordance with the Construction Biodiversity Management Plan (CBMP).
Heritage	As the site is located entirely within the Project boundary where construction activities (not limited to vegetation removal and bulk earthworks) have been undertaken, heritage constraints such as Aboriginal cultural heritage sites or items (where present) have been previously salvaged. Therefore, risk to heritage items from works associated with the establishment of Ancillary Facility 1F are considered low.	Though considered unlikely, any unexpended heritage items discovered during site establishment will be managed in accordance with the Unexpected Heritage Finds and Human Remains Procedure which forms part of the Construction Heritage Management Plan (CHMP).
Flooding and hydrology	The site is not located on flood prone land, however it is located adjacent to the Newports Creek Tributary which does experience minor flooding during the 10% annual exceedance probability (AEP), and inundation during the 1% AEP and probable maximum flood (PMF) events. Flooding risk in this area will be	Any flood risks during site establishment works will be through the construction of temporary and permanent drainage as well as in

Environmental Aspect	Risk Summary	Mitigation Summary
	managed as part of the broader construction works and in accordance with the Construction Flood Management Plan.	accordance with the Construction Flood Management Plan (CFMP).
Visual amenity and landscape	Visual amenity and landscape impacts of the ancillary facility would be temporary and consistent with impacts of general construction activities approved in the EIS and Amendment Report. The access and southern perimeter of the site directly borders a sensitive receiver. Boundary screening in accordance with MCoA A18 will be installed. If required, lighting will be installed to minimise light spill in accordance with E66 and E67 by orientating site lighting into site and minimising the amount of light spill as far as is practical and safe.	Visual amenity impacts of the MAF including light spill will be regularly monitored and minimised in accordance with the CEMP.
Noise and Vibration	The site is situated in a sparsely populated areas with only one residential receiver located nearby. Noise impacts to this closest sensitive receiver are modelled to be moderately intrusive (refer to Appendix D), requiring notification and verification. Other receivers are modelled as noticeable or clearly audible.. The proposed equipment to be used in site establishment (ie. not using vibratory roller) will ensure a low risk of vibration-induced damage.	Site establishment noise impacts would be managed using the measures outlined in Construction Noise and Vibration Management Plan (CNVMP). Refer to Appendix D. Noise and/or vibration monitoring to validate predicted impacts will also be routinely undertaken in accordance with the Construction Noise and Vibration Monitoring Program.
Soils, spoil and contamination	The cut and fill spoil requirements within this site have been balanced to minimise haulage. Fill for earthworks would be sourced predominantly from within the Ancillary Facility 1F construction footprint. Site establishment would require import of aggregates from local quarries for drainage and hardstand surfaces. Contamination sources (where present) will be managed in accordance with MCoA E80. Contamination risks associated with the establishment of the site is considered low.	Though considered unlikely, in the event of encountering any unexpected contamination finds, the Unexpected Contaminated Land and Asbestos Finds Procedure will be followed. As required by the TfNSW G36 specification, Pre and Post Construction Land Condition Assessments will be completed to ensure the ancillary facility is returned to its pre-construction condition
Water	As detailed in the flooding and hydrology section above, the site is not located on flood prone land. The site will be established within areas where drainage, erosion and sediment controls have been installed. Potential water quality impacts associated with site runoff are effectively minimised and considered low through the implementation of environmental controls. Appropriate bunding and spill response materials for any hazardous substances (i.e. fuel and chemicals) will be provided on site and routinely inspected to minimise pollution impacts associated with spills.	Water quality risks will be largely minimised through the implementation of mitigation measures detailed in the Construction Soil and Water Management Plan (CSWMP) and site-specific PESCP. Actual water quality impacts and the performance of environmental safeguards will also be monitored as part of the Surface Water and Groundwater Quality Monitoring Program.
Air quality	Air quality impacts and dust generation are not anticipated to be significant. Dust control measures including water suppression	Environmental safeguards for air quality will be

Environmental Aspect	Risk Summary	Mitigation Summary
	and weather monitoring will be employed as a standard practice during site establishment. Surfaces will also be largely stabilised (hardstand) as part of site establishment which will minimise the risk of dust generation from vehicle movements.	implemented in accordance with the Construction Air Quality Management Plan (CAQMP). Most of the recommended measures are routinely employed as standard practice on construction sites. With environmental safeguards in place air quality is anticipated to have a low impact. Actual dust generation and the effectiveness of air quality controls will be monitored throughout site establishment activities in accordance with the Construction Air Quality Monitoring Program.
Waste	Resources typical of site establishment would largely be made up of construction materials (e.g. portable site offices, concrete, steel, imported materials, fuel etc), water and power. During site establishment, waste avoidance will be closely monitored to ensure material quantities are appropriate, adequate storage areas are available onsite, and recycling and waste bins are available and managed.	Waste minimisation environmental safeguards will be implemented in accordance with the Construction Waste Management Plan (CWMP).

6 ENVIRONMENTAL RISK IDENTIFICATION AND MANAGEMENT

6.1 RISK ASSESSMENT APPROACH

As detailed in Section 3.4 of the CEMP, a risk management approach will be 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 community and other key stakeholders.

Appendix A2 of the CEMP contains the Project risk assessment which includes a list of typical activities associated with the Project including the establishment of ancillary facilities, related aspects and corresponding risks. Measures to minimise the identified environmental risks are also provided.

This risk register is also supplemented with activity-specific Environmental Work Method Statement (EWMS) which include measures identified in Appendix A2 of the CEMP, and any additional mitigation measures identified during planning and throughout the works.

6.2 ENVIRONMENTAL SAFEGUARDS AND MITIGATION MEASURES

As detailed in Section 4 of the CEMP, a number of aspect-specific environmental management sub-plans have been prepared for the Project.

Each sub-plan identifies the requirements (i.e. MCoA, REMMs) as well as processes and management measures to be implemented for specific impacts or aspects during construction. These aspect-specific management measures will be implemented with during establishment of the Site 1J Ancillary Facilities.

6.3 ENVIRONMENTAL WORK METHOD STATEMENTS

EWMS will be progressively prepared for high-risk activities identified through the environmental risk assessment process described above and in Section 4.1.5 of the CEMP.

EWMS will communicate requirements, actions, processes, and controls to construction personnel and will include the relevant construction activities on site and incorporate mitigation measures and controls for all relevant environmental aspects.

Establishment of the ancillary will be undertaken in accordance with EWMS 09 – Earthworks.

6.4 EROSION AND SEDIMENT CONTROL PLAN

Progressive Erosion and Sediment Control Plans (PESCPs) will be prepared for the site establishment works and toolboxed prior to the commencement of activities. The PESCP will contain site-specific details including identifying indicative locations for sediment controls, clean and dirty water flow paths, critical drainage infrastructure, site boundary and compound areas.

Environmental personnel in consultation with the Project's Soil Conservationist, Foreman and Environment and Sustainability Manager, would prepare and update the PESCP to ensure it remains fit for purpose based on the site activities.

Refer to Section 6 and Appendix A of the CSWMP for further detail on the soil and water environmental safeguards that will be implemented for the duration of site establishment activities.

6.5 TRAFFIC CONTROL PLANS

Where required, TCPs will be prepared in accordance with the principles and measures outlined in the Traffic Management and Safety Plan (TMSP), AS1742.3-2009 and RMS' Traffic Control at Worksites Manual Version 4. TCPs and ROL's required during ancillary facility establishment may be required to facilitate the delivery of oversized items (such as plant and equipment).

Refer to Section 5 of the CTTMP for details of the traffic and transport environmental safeguards that will be implemented for the duration of the site establishment works.

7 TRAINING, AWARENESS AND COMPETENCE

To ensure that this ASEMP is effectively implemented, each level of management is responsible for ensuring that all personnel reporting to them are aware of the requirements of this ASEMP. The FGJV Environment and Sustainability Manager will coordinate the environmental training in conjunction with other training and development activities.

7.1 ENVIRONMENTAL INDUCTION

All personnel (including sub-contractors) are required to attend a compulsory site induction, which includes a cultural and environmental component. This is done to ensure all personnel involved in the project are aware of the project culture, requirements of the CEMP, and to ensure the implementation of REMMs, MCoA and other relevant project requirements.

Short-term visitors undertaking site undertaking inspections / entering the site (such as regulators) will be required to undertake a visitors induction and be accompanied by inducted personnel at all times.

Refer to Section 5.1 of the CEMP for further detail on elements of the environmental induction.

7.2 EWMS TOOLBOX

All employees (including subcontractors) will attend compulsory toolboxes on the EWMSs applicable to site establishment prior to works commencing on site.

Records of all training activities will be maintained. Records will include the name and role of the attendee with reference to the document-controlled version of the material presented. Ongoing training and awareness will enable Project personnel to competently perform their duties and meet environmental obligations.

Refer to Section 5.2 of the CEMP for further detail on toolbox talks.

7.3 DAILY PRE-START MEETINGS

The Site Supervisor will deliver a daily pre-start meeting with the site workforce before the commencement of work each day. It will target new information beyond that included in the induction, high risk issues specific to the day's activities and emerging/recurring issues. It will cover environmental protection practices, no-go zones, environmental risks and hazards specific to the day's activities. Typically, the daily pre-start meetings would take around 10-15 minutes to deliver.

Refer to Section 5.4 of the CEMP for further detail on daily pre-start meetings.

7.4 ENVIRONMENTAL MONITORING

Monitoring will be undertaken in accordance with the Construction Monitoring Programs (detailed in Table) to validate the impacts predicted for the establishment of ancillary facilities and to measure the effectiveness of environmental controls and implementation of this ASEMP.

TABLE 6 ENVIRONMENTAL MONITORING PROGRAM

Monitoring Program	Reporting	Responsibility
Noise and Vibration Monitoring Program	Six-monthly Monitoring Report EPL Monitoring Reports	Environmental personnel
Surface and Groundwater Quality Monitoring Program	Annual Monitoring Report EPL Monitoring Reports	TfNSW and environmental personnel
Air Quality Monitoring Program	Six-monthly Monitoring Report EPL Monitoring Reports	Environmental personnel

Monitoring Program	Reporting	Responsibility
Biodiversity Monitoring Program	Survey and Monitoring Reports	Project Ecologist and environmental personnel

7.5 ENVIRONMENTAL INSPECTIONS

7.5.1 WEEKLY AND RAINFALL SITE INSPECTIONS

Regular monitoring and inspections will be undertaken in the lead up to, during establishment of the Ancillary Facility. Monitoring and inspections form a fundamental aspect of ongoing project risk analysis and will include, but not be limited to:

- Weekly site inspections are to be undertaken in all project areas with FGJV Environment and Sustainability staff and area Supervisor/Foreman in attendance, action lists are to be produced to address any maintenance issues or additional controls required and compliance with implementation of EWMS and PESCPs reviewed; and
- Pre rainfall and post rainfall inspections are to be undertaken to evaluate the effectiveness of erosion and sediment controls measures. Pre rainfall inspections are to be triggered by a forecast of 50% probability of 10mm or more, and post rainfall inspections are required following a rain event of 10mm or more within the project area in a 24-hour period. Action lists are to be produced to address any maintenance requirements or additional controls required.

Refer to Section 8.1.1 of the CEMP for further detail on this inspection program.

7.5.2 ENVIRONMENTAL REPRESENTATIVE AND TfNSW INSPECTIONS

The Environmental Representative and TfNSW staff will undertake fortnightly inspections of works sites, and in particular critical activities throughout construction of the project. Inspections by the Environmental Representative and TfNSW project staff would typically occur on a weekly or fortnightly basis depending on the complexity and anticipated risks associated with the stage of construction.

Refer to Section 8.1.2 of the CEMP for further detail on this inspection program.

7.5.3 VEGETATION PRE-CLEARING INSPECTIONS

Vegetation clearing would be undertaken in accordance with Clearing Procedures in Section 6 of the CBMP and the Clear and Grub EWMS.

8 REVIEW AND IMPROVEMENT

8.1 CONTINUOUS IMPROVEMENT

Continual improvement is achieved through constant measurement and evaluation, audit and review of the effectiveness of this ASEMP. This will be through regular compliance activities, such as inspections, observations and monitoring will be undertaken throughout the site establishment of the ancillary facilities.

An internal auditing will be undertaken within the first three months, then six monthly for the duration of the project. The purpose of auditing is to verify compliance with:

- This ASEMP,
- Approval requirements (MCoA, REMMs),
- Any relevant legal and other requirements (e.g. licenses, permits, regulations, TfNSW contract documentation); and
- Implementation of EWMS and ESCPs

Subcontractors' works would also be monitored through weekly inspections, observations, monitoring and audits as appropriate.

As detailed in Section 5, environmental controls will be inspected weekly, and before and after rain events to ensure their ongoing suitability and effectiveness. Inspections will be recorded on environmental inspection checklists and communicated to the wider team via toolboxes to discuss positive or negative trends occurring onsite.

8.2 ASEMP UPDATE AND AMENDMENT

Regular monitoring will help identify specific opportunities for improvements in the environmental management system and/or this ASEMP. This plan will also be updated:

- When proposed changes as to the use or scope of the Ancillary Facilities identified within this ASEMP are required,
- To take into account changes to the environment or generally accepted environmental management practices, new risks to the environment, any hazardous substances, contamination or changes in law,
- Where requested or required by DPE or any other Authority; and
- In response to internal or external audits or quarterly management reviews.

Revisions to the ASEMP are to be approved by the Department unless approval is granted from the Department, for ER approval for relatively minor changes. A register is to be maintained detailing the new version number and the date of issue.

Any major changes to this ASEMP must be approved by DPE.

8.3 CONSULTATION AND DOCUMENT APPROVAL

This ASEMP was prepared in consultation with City of Coffs Harbour and NSW EPA in accordance with MCoA A15 (refer to Appendix D). This plan has also been prepared in coordination with the Project Director and Environment and Sustainability Manager prior to submission to DPE. Submission to DPE is required no later than one month prior to commencement of works or as otherwise agreed.

A suitably qualified and experienced Acoustics Advisor (AA), who is independent of the design and construction personnel, has been nominated and engaged for the duration of the works. The AA will consider minor amendments made to the ASEMP as relates to noise and vibration impacts.

The ER is approved by the Planning Secretary and engaged TfNSW. The ER was not involved in development of the Planning Approval documents (including the EIS) and is independent of the design and construction personnel. The roles and responsibilities of the ER as detailed in MCoA A25, includes the review and approval of the ASEMP prior to submission to DPE for review and approval.

8.4 COMMUNITY ENGAGEMENT

Prior to establishment of the Ancillary Facility, the community relations team will engage with residential and commercial properties that adjoin or are adjacent to the sites. Engagement methods will include:

- Door knocking residents and commercial properties
- Letter box drops, and
- Community updates for any resident / business identified as noise affected in noise assessments.

Any comments/feedback regarding boundary screening and noise walls will be considered by FGJV. During the site establishment phase, any comments, feedback, or complaints relating to noise, air quality and other amenity issues will be addressed in accordance with the Communication Strategy and Complaints Management System.

In accordance with MCoA B7, a 24-hour toll-free telephone number for the registration of complaints and enquires about the CSSI has been established and will be included on community notifications / letter box drops. Signs with site contact details including the telephone number, postal address and email address for the Project will be placed on site boundary fencing in accordance with MCoA B8.

9 INCIDENT REPORTING

In the event of an environmental incident, the TfNSW Environmental Incident Procedure (Appendix A5 of the CEMP) will be implemented.

All incidents will be classified, notified, and reported in accordance with the TfNSW Environmental Incident Procedure and will be classified by the FGJV Environment and Sustainability Manager (or delegate) in consultation with the TfNSW Environment Manager.

In the event of a pollution incident on or around the site, the Pollution Incident Response Management Plan (PIRMP) will be implemented, and the relevant authorities notified, as determined by the Environment and Sustainability Manager (or delegate). The circumstances where this will take place include:

- it involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
- it results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations).

In accordance with MCoA A39 and A40, FGJV will also notify the Secretary immediately upon becoming aware of an incident that causes or threatens to cause material harm and/or a non-compliance. Subsequent written notification and an incident report are required seven days after the Proponent became aware of the incident and 30 days after the date on which the incident occurred, respectively.

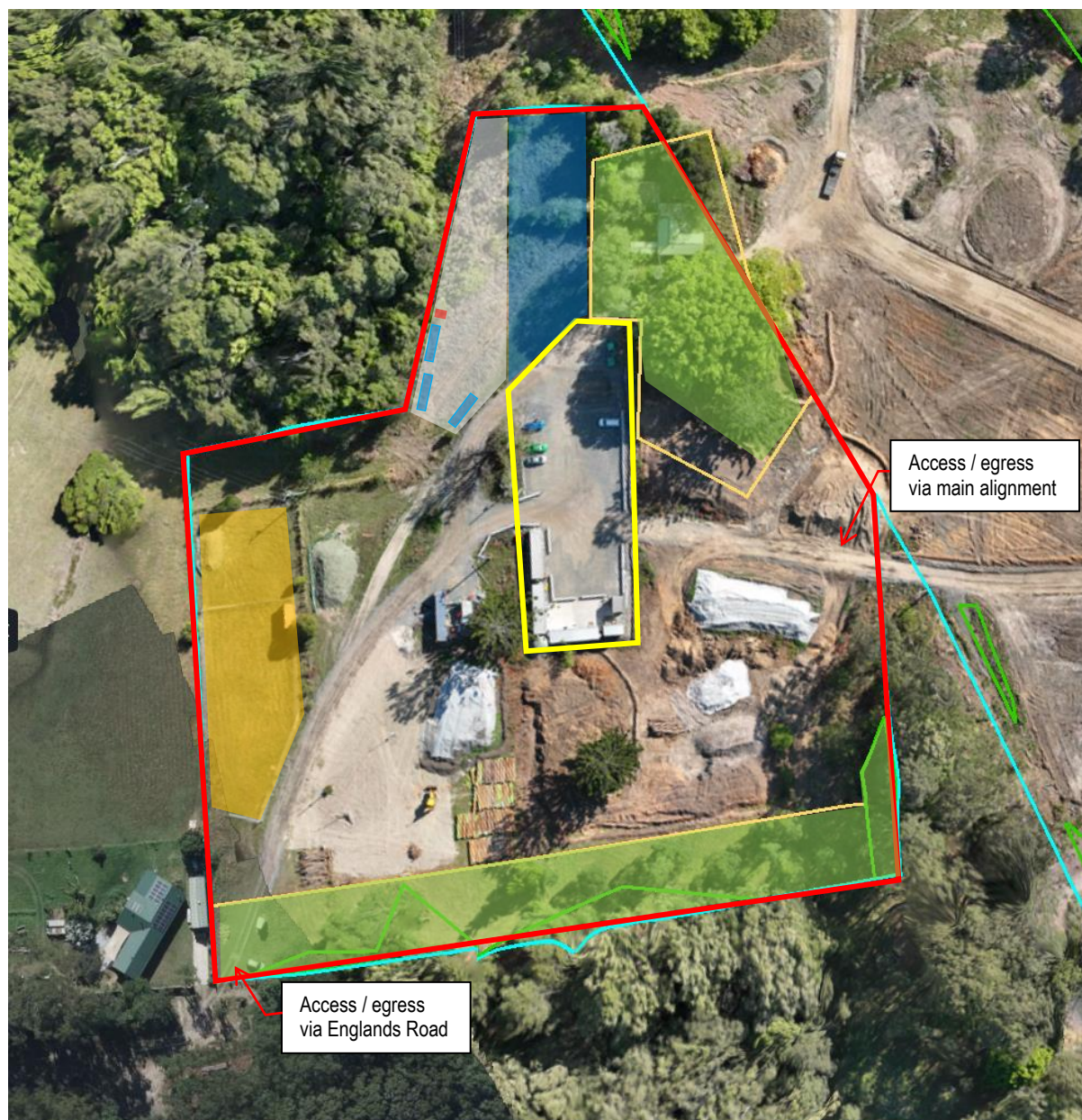
Where an incident involves a potential impact to an Aboriginal site, the OEHL and relevant Registered Aboriginal Parties will be notified, and their input sought in closing out the incident.

Refer to Section 7 of the CEMP for further detail on incident management and reporting.

APPENDICES



APPENDIX A INDICATIVE SITE LAYOUT



LEGEND	
	Ancillary boundary
	Existing MAF
	Vegetation to be retained
	Future parking
	Crib sheds
	Generator
	Hardstand (materials storage)

APPENDIX B SENSITIVE AREA PLANS



Approved Construction Boundary – EIS (ARUP, 19/12/2019 as defined in the MCoA)

Survey Cadastral Models (NKWP, 2022.10.06)

Surface water monitoring site

Design Clearing Boundary (2023.02.23)

Clearing Exclusion Area

Drainage lines

Threatened Marsdenia Longiloba (14.12.2021)

Threatened Flora Records (25.03.2021)

Hollow bearing trees

Potential Microbat roost

Culverts with high probability of Microbats

Nest box install sites (06.02.2023)

Proposed nest box sites

Threatened Species Habitat (16.06.2020)

Coastal Petaltail

Giant Barred Frog

Koala

Scrub Turpentine

Southern Myotis

Known Koala habitat

Known Koala habitat (outside construction footprint)

Threatened Ecological Communities (BC Act)

Freshwater Wetlands on Coastal Floodplains of the NSW North Coast, Sydney Basin and South East Corner bioregions

Swamp sclerophyll forest on coastal floodplains of the NSW North Coast, Sydney Basin and South East Corner bioregions

Plant Community Type (ID)

1064

1244

692

747

780

NA

Outside PIB

Archaeological Site Location (Kelleher Nightingale, 2020.03.06)

Salvage completed

Archaeological Site Area (Kelleher Nightingale, 2020.03.06)

Salvage completed

Salvage not completed

Existing groundwater bores (BoM, 1/8/2017)

Contamination

Potential extent of contamination - surface impact

Potential extent of contamination - below ground

Sensitive Receivers - Amendment Report (Arup, 2020.06.11)

Commercial

Industrial

Residential

Acid Sulphate Soil Risk

Low probability of occurrence

Disturbed Terrain

COFFS HARBOUR BYPASS

team

TITLE
Sensitive Area Maps

0 50 100m

NOTES
Xxxxxx

PROJECT
Coffs Harbour Bypass - Pacific Highway Upgrade

SCALE
1:2,500

SHEET
4 of 20

COORDINATE SYSTEM
GDA2020 MGA Zone 56

CLIENT
TfNSW

DRAWN BY
JC

REVIEW
HC

APPROVED
HC

DATE
21/03/2023

MAP #
CHB ENV CEMP M001
SAM v2

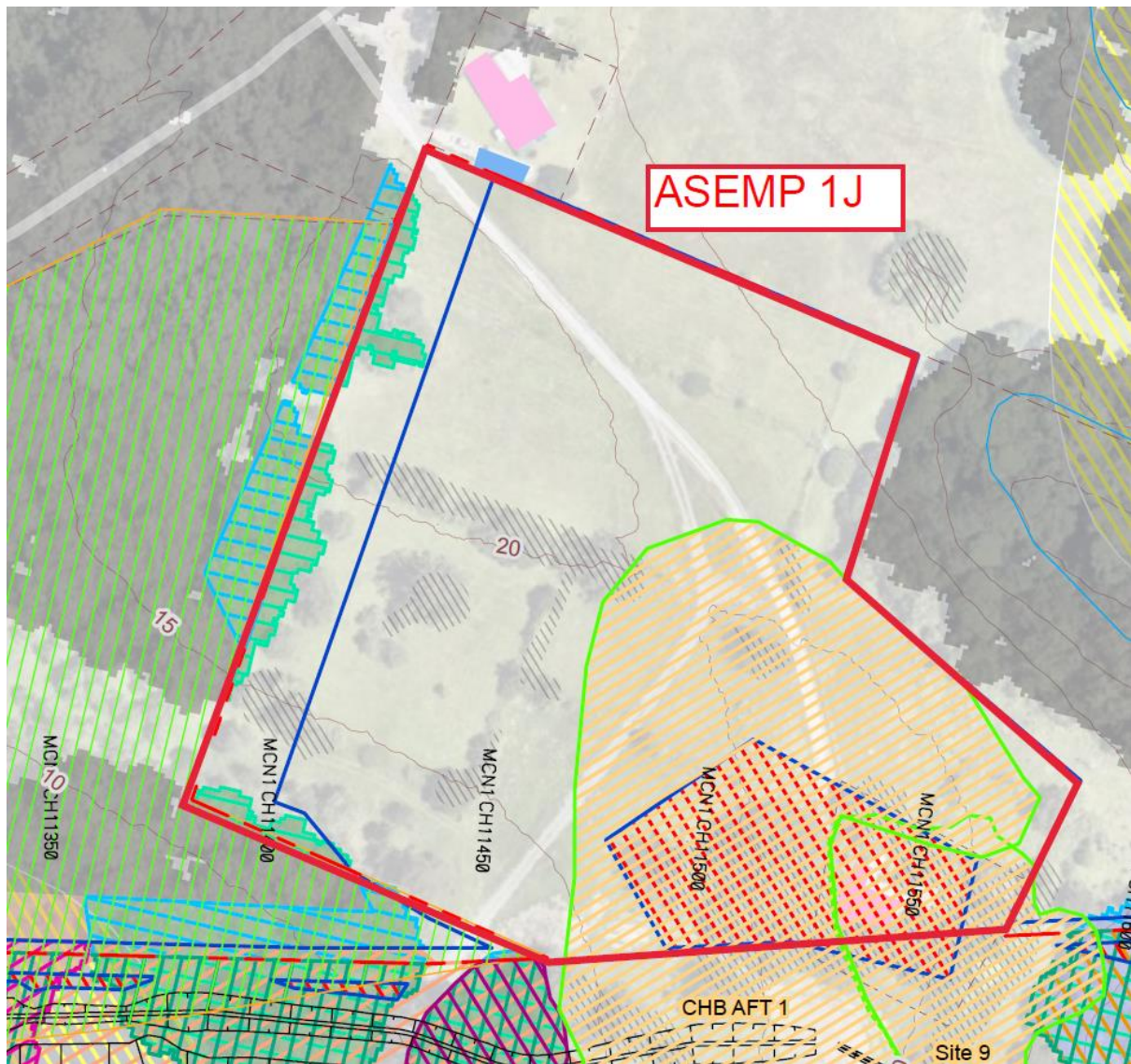
REV
2

REV
1
20.10.2022
Xxxxxx

DATE
21.03.2023
Xxxxxx

DESCRIPTION
Xxxxxx

MAPOLOGY for FGJV - GIS MAP file : CHB ENV CEMP SAP | C:\Live_Projects\chb_gis\current\maps\Environment\CHB ENV CEMP SAP.aprx



LEGEND

- Design Clearing Boundary (2023.02.23)
- Clearing Exclusion Area

Threatened Species Habitat (16.06.2020)

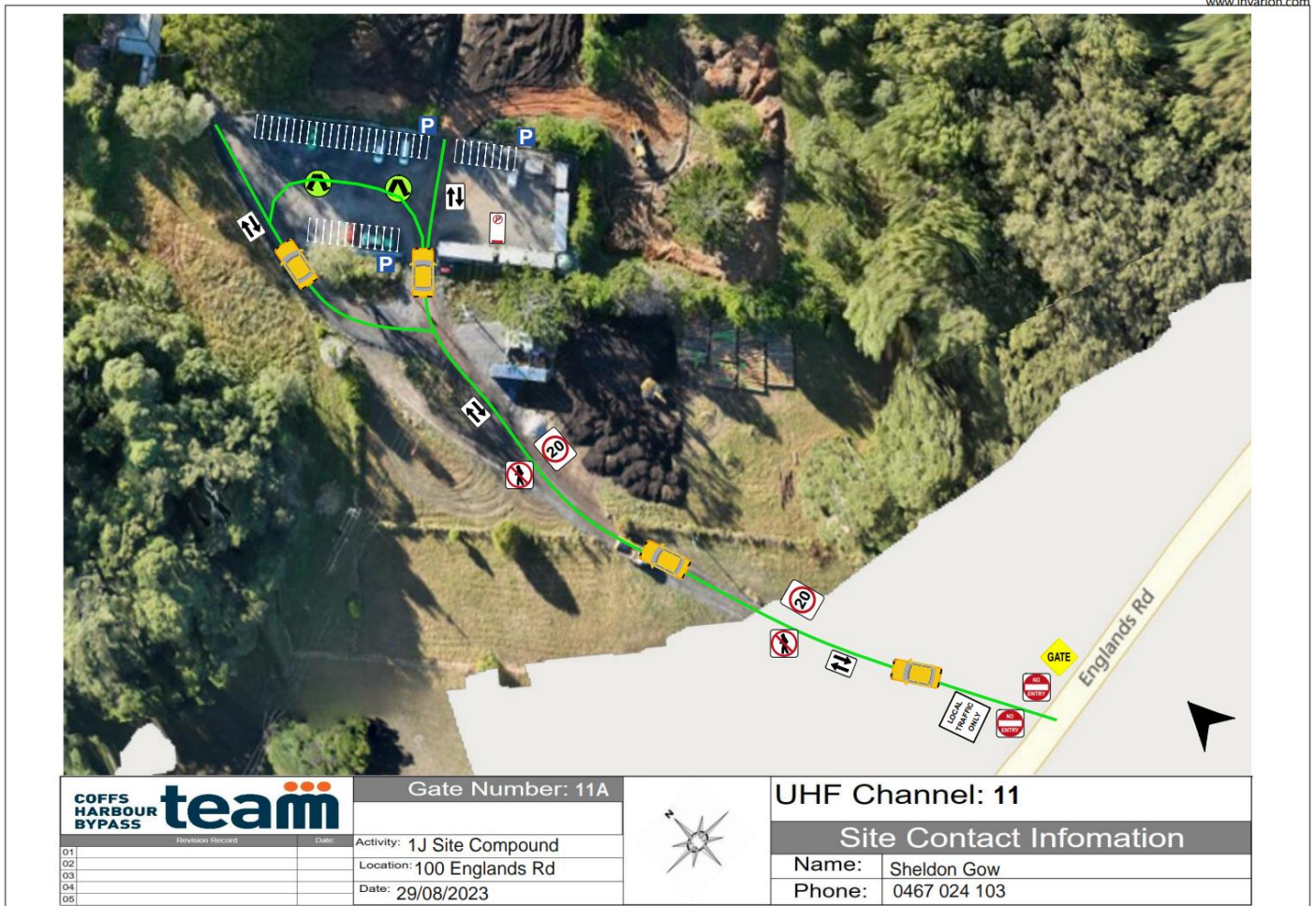
- Known Koala habitat

Archaeological Site Area (Kelleher Nightingale, 2020.03.06)

- Salvage completed

APPENDIX C PROJECT VEHICLE ROUTES

www.invarion.com



APPENDIX D NOISE ASSESSMENT

Noise Assessment Report - 1j - Site levelling, Day

Date: 04/10/23

Created by: Tim Elder

1. Introduction

This report presents a noise assessment of 1j - site levelling construction activity which is proposed to occur during the day period (RMS CNVG Standard). This report presents the proposed activities, noise prediction results, an assessment against RMS CNVG requirements and details proposed noise management and mitigation measures.

2. Method

NoiseCheck is a 'front-end' 3-D noise prediction platform which adopts a database of predictions that are generated in third party proprietary software which conforms to ISO9613 Acoustics - Attenuation of Sound During Propagation Outdoors - Part 2: General Method of Calculation implemented to ISO/TR 17534-3:2015 requirements. The predictions consider source to receiver distance and height and the noise attenuation provided by ground and air absorption, topography, surrounding buildings and other solid objects and permanent noise barriers (where applicable). The typical height of plant and equipment is 2m. The noise predictions at surrounding single and double storey properties apply at 1.5m at the most affected facade. Predictions for apartment buildings with greater than two storeys apply at the worst affected floor and facade. This assessment presents the total LAeq noise level from all activities.

3. Works description

The work activities that have been assessed are shown in Figure 1. Details of the activities are provided in Table 1. All noise levels referenced are in dBA, Leq,15minutes.

Figure 1. Location of modelled plant and equipment



Table 1. Summary of modelled plant and equipment

Name	List of equipment	Duration	Sound power	Annoyance	Mitigation	Mitigation	Notes
------	-------------------	----------	-------------	-----------	------------	------------	-------

19	Residential	102 Englands Road North Boambee Valley New South Wales 2450	7	52	72	20	Moderately intrusive	N, V
1923	Commercial		7	70	73	3	Clearly audible	-
1930	Residential	103 Englands Road North Boambee Valley New South Wales 2450	7	52	59	7	Clearly audible	-
1925	Residential	116a Englands Road North Boambee Valley New South Wales 2450	7	52	57	5	Clearly audible	-
1931	Residential	103 Englands Road North Boambee Valley New South Wales 2450	7	52	53	1	Clearly audible	-
2716	Residential	108 North Boambee Road North Boambee Valley New South Wales 2450	6	42	41	-1	Noticeable	-
2717	Residential	2 Highlander Drive North Boambee Valley New South Wales 2450	6	42	43	1	Clearly audible	-
2721	Residential	8 Highlander Drive North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2720	Residential	10 Highlander Drive North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2727	Residential	5a Highlander Drive North Boambee Valley New South Wales 2450	6	42	43	1	Clearly audible	-
2729	Residential	1 Highlander Drive North Boambee Valley New South Wales 2450	6	42	43	1	Clearly audible	-
2732	Residential	7 Highlander Drive North Boambee Valley New South Wales 2450	6	42	44	2	Clearly audible	-
2728	Residential	6 Highlander Drive North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2733	Residential	9 Highlander Drive North Boambee Valley New South Wales 2450	6	42	39	-3	Noticeable	-
2735	Residential	4 Highlander Drive North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2734	Residential	11 Highlander Drive North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2744	Residential	17 Highlander Drive North Boambee Valley New South Wales 2450	6	42	40	-2	Noticeable	-
2743	Residential	13 Highlander Drive North Boambee Valley New South Wales 2450	6	42	43	1	Clearly audible	-
2741	Residential	3 Highlander Drive North Boambee Valley New South Wales 2450	6	42	43	1	Clearly audible	-
2747	Residential	2 Jock Avenue North Boambee Valley New South Wales 2450	6	42	43	1	Clearly audible	-
2745	Residential	19 Highlander Drive North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2750	Residential	5 Jock Avenue North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2749	Residential	6 Jock Avenue North Boambee Valley New South Wales 2450	6	42	42	0	Noticeable	-
2748	Residential	8 Jock Avenue North Boambee Valley New South Wales 2450	6	42	42	0	Noticeable	-
2751	Residential	1 Jock Ave North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2753	Residential	10 Jock Avenue North Boambee Valley New South Wales 2450	6	42	42	0	Noticeable	-
2752	Residential	12 Jock Avenue North Boambee Valley New South Wales 2450	6	42	42	0	Noticeable	-
2763	Residential	3 Jock Avenue North Boambee Valley New South Wales 2450	6	42	38	-4	Noticeable	-
2827	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	43	1	Clearly audible	-
3053	Residential	North Boambee Valley	6	42	41	-1	Noticeable	-

3054	Residential	East Masterplan Urban Release Area North Boambee Valley East Masterplan Urban Release Area	6	42	41	-1	Noticeable	-
3055	Residential	14 Jock Avenue North Boambee Valley New South Wales 2450	6	42	42	0	Noticeable	-
3077	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	38	-4	Noticeable	-
3085	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	41	-1	Noticeable	-
3090	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	40	-2	Noticeable	-
3088	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	40	-2	Noticeable	-
3087	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	41	-1	Noticeable	-
3091	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	40	-2	Noticeable	-
3089	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	40	-2	Noticeable	-
3086	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	41	-1	Noticeable	-
3092	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	40	-2	Noticeable	-
3095	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	40	-2	Noticeable	-
3096	Residential	North Boambee Valley East Masterplan Urban Release Area	6	42	40	-2	Noticeable	-
3312	Residential	100 Englands Road North Boambee Valley New South Wales 2450	7	52	61	9	Clearly audible	-

Showing 44 of 44 addresses

Show 50 more

APPENDIX E CONSULTATION RECORDS

ANCILLARY SITE ESTABLISHMENT MANAGEMENT PLAN – SITE 1J

External Consultation Summary Table

In accordance with MCoA A15, Ancillary Site Establishment Management Plans (ASEMPs) must be prepared in consultation with Council and government agencies. The outcomes of consultation with government agencies in accordance with Condition A5 have been summarised in this attachment. Please also see Table 1 below for a summary.

TABLE 1 EXTERNAL CONSULTATION SUMMARY REVISION A & B

Reviewing Agency	Date document provided	Date comments received	Summary
Rev A			
Coffs Harbour Council	13/09/2023	13/09/2023	No comments.
Environmental Protection Agency	13/09/2023	14/09/2023	Comments received (refer to Attachment A).
Rev B			
Coffs Harbour Council	11/10/2023	20/10/2023	No comments.
Environmental Protection Agency	12/10/2023	12/10/2023	No comments.

Please find attached:

- a) Attachment A - Evidence of Submission and Comments receipt by email
 - 1. Coffs Harbour Council
 - 2. Environmental Protection Agency
 - 3. Environmental Representative
 - 4. Acoustic Advisor
- b) Attachment B - Environmental Representative endorsement letter
- c) Attachment C - Cumulative Consultation Comments Register

ATTACHMENT A

Elder, Tim

From: john hutchison <john@hutchisonweller.com>
Sent: Tuesday, 14 November 2023 3:25 PM
To: Elder, Tim; Duncan Thomson
Cc: Corliss, Hari
Subject: RE: ASEMP 1J

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Tim

Just an email to acknowledge the Appendix D attachment. Thanks and no further comments.



John

John Hutchison | [Acoustic Advisor](#) | MAAS, CPEng

p: 02 8969 6071 **m:** 0407 801 144 www.hutchisonweller.com
Level 1 / 357 Military Road, Mosman NSW

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Monday, October 30, 2023 4:35 PM
To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>
Cc: Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

Duncan & John

Apologies for omitting this from my previous email. Please see App D Noisecheck Report attached.

Regards

Tim

From: Duncan Thomson <duncan@geolink.net.au>
Sent: Monday, 9 October 2023 2:06 PM
To: Elder, Tim <telder@CHBteam.com.au>; john hutchison <john@hutchisonweller.com>
Cc: Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Tim, my comments listed as 1 to 7 in the spreadsheet have been adequately closed out. The Appendix D Noise Assessment was not attached to your email, so you will need to provide this so that John can review.

Thanks

Duncan Thomson
Director / Environmental Engineer

GeoLINK
P 02 6687 7666 | M 0419 237 075

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Friday, October 6, 2023 4:18 PM
To: john hutchison <john@hutchisonweller.com>; Duncan Thomson <duncan@geolink.net.au>
Cc: Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

Hi Duncan & John

Thanks for reviewing. Please see attached RevB with tracked changes and associated spreadsheet for you to check that comments have been suitably closed out.

I'm hoping to have this finalised by next Friday.

Regards

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103
telder@chbteam.com.au

 **Consider the environment. Please don't print this e-mail unless really necessary.**

From: john hutchison <john@hutchisonweller.com>
Sent: Tuesday, 26 September 2023 2:11 PM
To: Elder, Tim <telder@CHBteam.com.au>; Duncan Thomson <duncan@geolink.net.au>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Tim
Couple of comments on this one.

1. The list of establishment activities is quite long and misleading – I am not sure there will be tunnel support/water treatment plant and ventilation.
2. The noise and vibration assessment/initial risk assessment is not sufficient. Doesn't address A15d. There is a house immediately next door and the AF will be closer than the corridor. What site establishment activities need to be done to bring it up from the MAF to the AF? E.g. more clearing/earthworks/utilities? I am ok if these are quiet you need to demonstrate – not enough to say other construction works are similar.
3. Layout diagram is not detailed enough to address A15b. Where are the site sheds going? Where is the generator going? Stockpile area? Will you need hoarding to screen generator noise from the receiver? Access and egress?
4. Section 6.2 references the tunnel AF.

5. A15c isn't directly addressed. The description given in Table 2 is not providing an initial risk assessment and there is no ongoing analysis description
6. Section 6.3 suggests EWMS to be developed. How will this apply to 1J?
7. A15a not addressed: scheduling and duration of work to be undertaken at the site. It is confusing saying it is established and operating and then say there are all these activities involved in establishment.

Happy to discuss if needed.

Thanks



John

John Hutchison | Environmental Engineer | MAAS, CPEng

p: 02 8969 6071 m: 0407 801 144 www.hutchisonweller.com

Level 1 / 357 Military Road, Mosman NSW

From: Elder, Tim <telder@CHBteam.com.au>

Sent: Wednesday, September 20, 2023 4:26 PM

To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>

Subject: RE: ASEMP 1J

Thanks Duncan

I will update the doc accordingly.

Regards

Tim

From: Duncan Thomson <duncan@geolink.net.au>

Sent: Wednesday, 20 September 2023 3:04 PM

To: Elder, Tim <telder@CHBteam.com.au>; john hutchison <john@hutchisonweller.com>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>

Subject: RE: ASEMP 1J

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Hi Tim, see attached for some comments from me in tracked changes. Happy to discuss if necessary.

Thanks

Duncan

Duncan Thomson

Director / Environmental Engineer

GeoLINK

P 02 6687 7666 | M 0419 237 075

From: Elder, Tim <telder@CHBteam.com.au>

Sent: Wednesday, September 13, 2023 9:32 AM

To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>

Subject: FW: ASEMP 1J

Hi Duncan & John

Please see attached ASEMP for Ancillary 1J for review and comment by 27th Sept.

Regards

Tim

Tim Elder

Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103

telder@chbteam.com.au



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Elder, Tim

From: Duncan Thomson <duncan@geolink.net.au>
Sent: Monday, 9 October 2023 2:06 PM
To: Elder, Tim; john hutchison
Cc: Corliss, Hari
Subject: RE: ASEMP 1J

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Hi Tim, my comments listed as 1 to 7 in the spreadsheet have been adequately closed out. The Appendix D Noise Assessment was not attached to your email, so you will need to provide this so that John can review.

Thanks

Duncan Thomson
Director / Environmental Engineer

GeoLINK
P 02 6687 7666 | M 0419 237 075

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Friday, October 6, 2023 4:18 PM
To: john hutchison <john@hutchisonweller.com>; Duncan Thomson <duncan@geolink.net.au>
Cc: Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

Hi Duncan & John

Thanks for reviewing. Please see attached RevB with tracked changes and associated spreadsheet for you to check that comments have been suitably closed out.

I'm hoping to have this finalised by next Friday.

Regards

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103
telder@chbteam.com.au

 **Consider the environment. Please don't print this e-mail unless really necessary.**

From: john hutchison <john@hutchisonweller.com>
Sent: Tuesday, 26 September 2023 2:11 PM
To: Elder, Tim <telder@CHBteam.com.au>; Duncan Thomson <duncan@geolink.net.au>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

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Hi Tim
Couple of comments on this one.

1. The list of establishment activities is quite long and misleading – I am not sure there will be tunnel support/water treatment plant and ventilation.
2. The noise and vibration assessment/initial risk assessment is not sufficient. Doesn't address A15d. There is a house immediately next door and the AF will be closer than the corridor. What site establishment activities need to be done to bring it up from the MAF to the AF? E.g. more clearing/earthworks/utilities? I am ok if these are quiet you need to demonstrate – not enough to say other construction works are similar.
3. Layout diagram is not detailed enough to address A15b. Where are the site sheds going? Where is the generator going? Stockpile area? Will you need hoarding to screen generator noise from the receiver? Access and egress?
4. Section 6.2 references the tunnel AF.
5. A15c isn't directly addressed. The description given in Table 2 is not providing an initial risk assessment and there is no ongoing analysis description
6. Section 6.3 suggests EWMS to be developed. How will this apply to 1J?
7. A15a not addressed: scheduling and duration of work to be undertaken at the site. It is confusing saying it is established and operating and then say there are all these activities involved in establishment.

Happy to discuss if needed.
Thanks



John

John Hutchison | Environmental Engineer | MAAS, CPEng

p: 02 8969 6071 m: 0407 801 144 www.hutchisonweller.com
Level 1 / 357 Military Road, Mosman NSW

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, September 20, 2023 4:26 PM
To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

Thanks Duncan

I will update the doc accordingly.

Regards

Tim

From: Duncan Thomson <duncan@geolink.net.au>
Sent: Wednesday, 20 September 2023 3:04 PM
To: Elder, Tim <telder@CHBteam.com.au>; john hutchison <john@hutchisonweller.com>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

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Hi Tim, see attached for some comments from me in tracked changes. Happy to discuss if necessary.

Thanks
Duncan

Duncan Thomson
Director / Environmental Engineer

GeoLINK
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From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, September 13, 2023 9:32 AM
To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: FW: ASEMP 1J

Hi Duncan & John

Please see attached ASEMP for Ancillary 1J for review and comment by 27th Sept.

Regards

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovia Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103
telder@chbteam.com.au

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Elder, Tim

From: john hutchison <john@hutchisonweller.com>
Sent: Wednesday, 18 October 2023 2:03 PM
To: Elder, Tim; Duncan Thomson
Cc: Corliss, Hari
Subject: RE: ASEMP 1J

Follow Up Flag: Follow up
Flag Status: Flagged

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My comments closed out as per below.

Thanks

John



John Hutchison | Environmental Engineer

p: 02 8969 6071 m: 0407 801 144 www.hutchisonweller.com

Level 1 / 357 Military Road, Mosman NSW

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Friday, October 6, 2023 4:18 PM
To: john hutchison <john@hutchisonweller.com>; Duncan Thomson <duncan@geolink.net.au>
Cc: Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

Hi Duncan & John

Thanks for reviewing. Please see attached RevB with tracked changes and associated spreadsheet for you to check that comments have been suitably closed out.

I'm hoping to have this finalised by next Friday.

Regards

Tim

Tim Elder

Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103

telder@chbteam.com.au

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From: john hutchison <john@hutchisonweller.com>
Sent: Tuesday, 26 September 2023 2:11 PM
To: Elder, Tim <telder@CHBteam.com.au>; Duncan Thomson <duncan@geolink.net.au>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

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Hi Tim
Couple of comments on this one.

1. The list of establishment activities is quite long and misleading – I am not sure there will be tunnel support/water treatment plant and ventilation. **Closed**
2. The noise and vibration assessment/initial risk assessment is not sufficient. Doesn't address A15d. There is a house immediately next door and the AF will be closer than the corridor. What site establishment activities need to be done to bring it up from the MAF to the AF? E.g. more clearing/earthworks/utilities? I am ok if these are quiet you need to demonstrate – not enough to say other construction works are similar. **No Appendix D attached.**
3. Layout diagram is not detailed enough to address A15b. Where are the site sheds going? Where is the generator going? Stockpile area? Will you need hoarding to screen generator noise from the receiver? Access and egress? **Closed**
4. Section 6.2 references the tunnel AF. **Closed**
5. A15c isn't directly addressed. The description given in Table 2 is not providing an initial risk assessment and there is no ongoing analysis description **Suggest something at the end of S6.1 to cover ongoing risk analysis a little better. This is only needed where establishment activities differ from what is assessed in this ASEMP. For noise and vibe ongoing risk analysis could be as follows but you could adjust it to be more broad too.**
"The process for continuous identification and analysis of new risks associated with noise and vibration that may arise during construction will be facilitated by:
 - Construction noise and vibration monitoring program to establish actual levels of risk during establishment and implement appropriate controls.
 - Use of NoiseCheck to assess any changes to construction methods
 - Inspection of sensitive areas and activities by site personnel and implement controls as appropriate"
6. Section 6.3 suggests EWMS to be developed. How will this apply to 1J? **Closed**
7. A15a not addressed: scheduling and duration of work to be undertaken at the site. It is confusing saying it is established and operating and then say there are all these activities involved in establishment. **Section 4.1 suggests start date for establishment. How long will it take? A few weeks?**

Happy to discuss if needed.
Thanks



John

John Hutchison | Environmental Engineer | MAAS, CPEng

p: 02 8969 6071 m: 0407 801 144 www.hutchisonweller.com
Level 1 / 357 Military Road, Mosman NSW

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, September 20, 2023 4:26 PM
To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

Thanks Duncan

I will update the doc accordingly.

Regards

Tim

From: Duncan Thomson <duncan@geolink.net.au>
Sent: Wednesday, 20 September 2023 3:04 PM
To: Elder, Tim <telder@CHBteam.com.au>; john hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

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Hi Tim, see attached for some comments from me in tracked changes. Happy to discuss if necessary.

Thanks
Duncan

Duncan Thomson
Director / Environmental Engineer

GeoLINK
P 02 6687 7666 | M 0419 237 075

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, September 13, 2023 9:32 AM
To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: FW: ASEMP 1J

Hi Duncan & John

Please see attached ASEMP for Ancillary 1J for review and comment by 27th Sept.

Regards

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovia Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103
telder@chbteam.com.au

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Elder, Tim

From: Nicola Leslie <nicola.leslie@chcc.nsw.gov.au>
Sent: Friday, 20 October 2023 9:48 AM
To: Elder, Tim; Sally Whitelaw
Cc: Calin Borbeli; Tori Harvey
Subject: RE: CHB ASEMP 1J for consultation
Attachments: CCC Register - ASEMP 1J TH comments 201023.xlsx

You don't often get email from nicola.leslie@chcc.nsw.gov.au. [Learn why this is important](#)

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Good Morning Tim,

Tori Harvey our new Environmental Project Officer has reviewed and no further comments for ASEMP 1J. This can now be closed out

Kind regards,
Nicola



Nicola Leslie

Executive Assistant - Director | Executive Office City Infrastructure | City of Coffs Harbour

P: [+61266484402](tel:+61266484402)

E: nicola.leslie@chcc.nsw.gov.au **W:** www.coffsharbour.nsw.gov.au

City of Coffs Harbour would like to acknowledge the traditional custodians of the land, the Gumbaynggirr people, who have cared for this land since time immemorial. We pay our respects to their elders, past, present and emerging and commit ourselves to a future with reconciliation and renewal at its heart.

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From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, 18 October 2023 10:59 AM
To: Nicola Leslie <nicola.leslie@chcc.nsw.gov.au>; Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>
Cc: Calin Borbeli <calin.borbeli@chcc.nsw.gov.au>
Subject: RE: CHB ASEMP 1J for consultation

Thanks Nicola

I'm happy to talk with Anne if she needs any background etc.

Regards

Tim

Tim Elder

Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103

telder@chbteam.com.au

 Consider the environment. Please don't print this e-mail unless really necessary.

From: Nicola Leslie <nicola.leslie@chcc.nsw.gov.au>

Sent: Wednesday, 18 October 2023 10:08 AM

To: Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>; Elder, Tim <telder@CHBteam.com.au>

Cc: Calin Borbeli <calin.borbeli@chcc.nsw.gov.au>

Subject: RE: CHB ASEMP 1J for consultation

You don't often get email from nicola.leslie@chcc.nsw.gov.au. [Learn why this is important](#)

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Good Morning Tim and Sally,

Sally – thank you for your comments

Tim - I have forwarded this onto Anne Shearer to follow up with the team if there are any further comments and will aim to get back to you today

Kind Regards,
Nicola



Nicola Leslie

Executive Assistant - Director | Executive Office City Infrastructure | City of Coffs Harbour

P: +61266484402

E: nicola.leslie@chcc.nsw.gov.au W: www.coffsharbour.nsw.gov.au

City of Coffs Harbour would like to acknowledge the traditional custodians of the land, the Gumbaynggirr people, who have cared for this land since time immemorial. We pay our respects to their elders, past, present and emerging and commit ourselves to a future with reconciliation and renewal at its heart.

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From: Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>
Sent: Tuesday, 17 October 2023 11:17 AM
To: Elder, Tim <telder@CHBteam.com.au>
Cc: Nicola Leslie <nicola.leslie@chcc.nsw.gov.au>; Calin Borbeli <calin.borbeli@chcc.nsw.gov.au>
Subject: RE: CHB ASEMP 1J for consultation

Hi Tim,

I don't have any comment on this doc from a Biodiversity point of view. I've CC'ed in Nicola in Calin's absence as I'm unsure who else in council may have been consulted re erosion and sediment control, land contamination, air quality, noise impacts, pollution causing impacts to water quality etc.

Regards,



Sally Whitelaw
Acting Section Leader | Local Planning | City of Coffs Harbour
P: (02) 6648 4673
E: sally.whitelaw@chcc.nsw.gov.au W: www.coffsharbour.nsw.gov.au

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From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, October 11, 2023 8:56 AM
To: Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>; Calin Borbeli <calin.borbeli@chcc.nsw.gov.au>
Subject: RE: CHB ASEMP 1J for consultation

Hi Sally & Calin

Please see attached ASEMP 1J Rev B with tracked changes and associated tracking spreadsheet.

Can you please provide any additional comments by 20/10/23, or otherwise respond that you have no further comments.

Regards

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV

182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103

telder@chbteam.com.au

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From: Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>

Sent: Wednesday, 13 September 2023 11:08 AM

To: Elder, Tim <telder@CHBteam.com.au>

Cc: Calin Borbeli <calin.borbeli@chcc.nsw.gov.au>

Subject: RE: CHB ASEMP 1J for consultation

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Tim,

I don't have any comments on this document, please note that my comments only relate to biodiversity and should not be taken as comments from all areas of Council. Areas such as erosion and sediment control, land contamination, air quality, noise impacts, pollution causing impacts to water quality etc are not within my area.

If you need these areas looked at please send the document to Calin Borbeli.

Regards,



Sally Whitelaw

Team Leader Biodiversity, Coastal & Flooding | Local Planning | City of Coffs Harbour

P: (02) 6648 4673

E: sally.whitelaw@chcc.nsw.gov.au W: www.coffsharbour.nsw.gov.au

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From: Elder, Tim <telder@CHBteam.com.au>

Sent: Wednesday, September 13, 2023 9:38 AM

To: Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>

Subject: CHB ASEMP 1J for consultation

Hi Sally

Consistent with condition A15 of the project Approval please see attached the ASEMP for Ancillary Site 1G for consultation.

Please provide comments by COB Wed 27th September. Do not hesitate to call if you require clarification or have anything you would like to discuss.

Regards

Tim

Tim Elder

Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103

telder@chbteam.com.au

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Elder, Tim

From: Tegan Goodhand <tegan.goodhand@epa.nsw.gov.au>
Sent: Thursday, 12 October 2023 9:29 AM
To: Elder, Tim
Subject: RE: CHB ASEMP 1J for consultation

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Tim,

As discussed yesterday, we are satisfied that the issue raised by James Tucker has been appropriately addressed in your comments.

Thank you,

Tegan

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Friday, 6 October 2023 4:22 PM
To: Tegan Goodhand <tegan.goodhand@epa.nsw.gov.au>
Cc: Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: CHB ASEMP 1J for consultation

Hi Tegan

Please see attached RevB of this ASEMP with tracked changes (Initially reviewed by James – see below), and associated spreadsheet.

Can you please indicate if you are satisfied that comments have been suitably addressed? I am hoping to have this finalised by next Friday.

Thanks

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103
telder@chbteam.com.au

 **Consider the environment. Please don't print this e-mail unless really necessary.**

From: James Tucker <james.tucker@epa.nsw.gov.au>

Sent: Thursday, 14 September 2023 10:12 AM

To: Elder, Tim <telder@CHBteam.com.au>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>; Tegan Goodhand <tegan.goodhand@epa.nsw.gov.au>

Subject: RE: CHB ASEMP 1J for consultation

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Morning Tim,

As discussed EPA's only concern is the impacts on the residence to the West of the proposed site. Please ensure that impacts from heavy machinery and OOHWS are managed effectively in this location due to its vicinity to this sensitive receiver. Other than that EPA have no comments/issues with the proposal.

Thank you

James Tucker

Operations Officer

NSW Environment Protection Authority

james.tucker@epa.nsw.gov.au

Ph: (02) 6659 8294 **M:** 0499 488 109



www.epa.nsw.gov.au @NSW EPA

The EPA acknowledges the Traditional Custodians of the land, waters and sky where we work. As part of the world's oldest surviving cultures we pay our respect to Aboriginal Elders past and present.

I work on Gumbainggir Country.



Report pollution and environmental incidents 131 555 or +61 2 9995 5555

From: Elder, Tim <telder@CHBteam.com.au>

Sent: Wednesday, 13 September 2023 9:40 AM

To: James Tucker <james.tucker@epa.nsw.gov.au>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>

Subject: FW: CHB ASEMP 1J for consultation

Hi James

Consistent with condition A15 of the project Approval please see attached the ASEMP for Ancillary Site 1J for consultation.

Please provide comments by COB Wed 27th September. Do not hesitate to call if you require clarification or have anything you would like to discuss.

Regards

Tim

Tim Elder

Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103

telder@chbteam.com.au

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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Elder, Tim

From: john hutchison <john@hutchisonweller.com>
Sent: Tuesday, 26 September 2023 2:11 PM
To: Elder, Tim; Duncan Thomson
Cc: Stuyt, Michael; Corliss, Hari
Subject: RE: ASEMP 1J

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Hi Tim

Couple of comments on this one.

1. The list of establishment activities is quite long and misleading – I am not sure there will be tunnel support/water treatment plant and ventilation.
2. The noise and vibration assessment/initial risk assessment is not sufficient. Doesn't address A15d. There is a house immediately next door and the AF will be closer than the corridor. What site establishment activities need to be done to bring it up from the MAF to the AF? E.g. more clearing/earthworks/utilities? I am ok if these are quiet you need to demonstrate – not enough to say other construction works are similar.
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5. A15c isn't directly addressed. The description given in Table 2 is not providing an initial risk assessment and there is no ongoing analysis description
6. Section 6.3 suggests EWMS to be developed. How will this apply to 1J?
7. A15a not addressed: scheduling and duration of work to be undertaken at the site. It is confusing saying it is established and operating and then say there are all these activities involved in establishment.

Happy to discuss if needed.

Thanks



John

John Hutchison | Environmental Engineer | MAAS, CPEng

p: 02 8969 6071 m: 0407 801 144 www.hutchisonweller.com
Level 1 / 357 Military Road, Mosman NSW

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, September 20, 2023 4:26 PM
To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

Thanks Duncan

I will update the doc accordingly.

Regards

Tim

From: Duncan Thomson <duncan@geolink.net.au>
Sent: Wednesday, 20 September 2023 3:04 PM
To: Elder, Tim <telder@CHBteam.com.au>; John Hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: RE: ASEMP 1J

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Hi Tim, see attached for some comments from me in tracked changes. Happy to discuss if necessary.

Thanks
Duncan

Duncan Thomson
Director / Environmental Engineer

GeoLINK
P 02 6687 7666 | M 0419 237 075

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, September 13, 2023 9:32 AM
To: Duncan Thomson <duncan@geolink.net.au>; John Hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: FW: ASEMP 1J

Hi Duncan & John

Please see attached ASEMP for Ancillary 1J for review and comment by 27th Sept.

Regards

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



182 North Boambee Road, North Boambee Valley, NSW 2450

+61 439 763 103
telder@chbteam.com.au

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Elder, Tim

From: Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>
Sent: Wednesday, 13 September 2023 11:08 AM
To: Elder, Tim
Cc: Calin Borbeli
Subject: RE: CHB ASEMP 1J for consultation

Follow Up Flag: Follow up
Flag Status: Completed

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Hi Tim,

I don't have any comments on this document, please note that my comments only relate to biodiversity and should not be taken as comments from all areas of Council. Areas such as erosion and sediment control, land contamination, air quality, noise impacts, pollution causing impacts to water quality etc are not within my area.

If you need these areas looked at please send the document to Calin Borbeli.

Regards,



Sally Whitelaw
Team Leader Biodiversity, Coastal & Flooding | Local Planning | City of Coffs Harbour
P: (02) 6648 4673
E: sally.whitelaw@chcc.nsw.gov.au **W:** www.coffsharbour.nsw.gov.au

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From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, September 13, 2023 9:38 AM
To: Sally Whitelaw <sally.whitelaw@chcc.nsw.gov.au>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: CHB ASEMP 1J for consultation

Hi Sally

Consistent with condition A15 of the project Approval please see attached the ASEMP for Ancillary Site 1G for consultation.

Please provide comments by COB Wed 27th September. Do not hesitate to call if you require clarification or have anything you would like to discuss.

Regards

Tim

Tim Elder

Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



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Elder, Tim

From: James Tucker <james.tucker@epa.nsw.gov.au>
Sent: Thursday, 14 September 2023 10:12 AM
To: Elder, Tim
Cc: Stuyt, Michael; Corliss, Hari; Tegan Goodhand
Subject: RE: CHB ASEMP 1J for consultation

Follow Up Flag: Follow up
Flag Status: Flagged

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Morning Tim,

As discussed EPA's only concern is the impacts on the residence to the West of the proposed site. Please ensure that impacts from heavy machinery and OOHWS are managed effectively in this location due to its vicinity to this sensitive receiver. Other than that EPA have no comments/issues with the proposal.

Thank you

James Tucker

Operations Officer

NSW Environment Protection Authority

james.tucker@epa.nsw.gov.au

Ph: (02) 6659 8294 **M:** 0499 488 109



www.epa.nsw.gov.au @NSW EPA

The EPA acknowledges the Traditional Custodians of the land, waters and sky where we work. As part of the world's oldest surviving cultures we pay our respect to Aboriginal Elders past and present.

I work on Gumbainggir Country.



Report pollution and environmental incidents 131 555 or +61 2 9995 5555

From: Elder, Tim <telder@CHBteam.com.au>
Sent: Wednesday, 13 September 2023 9:40 AM
To: James Tucker <james.tucker@epa.nsw.gov.au>

Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: FW: CHB ASEMP 1J for consultation

Hi James

Consistent with condition A15 of the project Approval please see attached the ASEMP for Ancillary Site 1J for consultation.

Please provide comments by COB Wed 27th September. Do not hesitate to call if you require clarification or have anything you would like to discuss.

Regards

Tim

Tim Elder

Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



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telder@chbteam.com.au

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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Elder, Tim

From: Duncan Thomson <duncan@geolink.net.au>
Sent: Wednesday, 20 September 2023 3:04 PM
To: Elder, Tim; john hutchison
Cc: Stuyt, Michael; Corliss, Hari
Subject: RE: ASEMP 1J
Attachments: 1J AF ASEMP Rev A - ER.docx

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Tim, see attached for some comments from me in tracked changes. Happy to discuss if necessary.

Thanks
Duncan

Duncan Thomson
Director / Environmental Engineer

GeoLINK
P 02 6687 7666 | M 0419 237 075

From: Elder, Tim telder@CHBteam.com.au
Sent: Wednesday, September 13, 2023 9:32 AM
To: Duncan Thomson <duncan@geolink.net.au>; john hutchison <john@hutchisonweller.com>
Cc: Stuyt, Michael <mstuyt@CHBteam.com.au>; Corliss, Hari <hcorliss@CHBteam.com.au>
Subject: FW: ASEMP 1J

Hi Duncan & John

Please see attached ASEMP for Ancillary 1J for review and comment by 27th Sept.

Regards

Tim

Tim Elder
Environmental Lead – Coffs Harbour Bypass

Ferrovial Gamuda JV



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ATTACHMENT B

15 November 2023
Ref No: 3992-1063

Ferrovial Gamuda Joint Venture
by email: hcorliss@CHBteam.com.au

Attention: Hari Corliss

Dear Hari

**Coffs Harbour Bypass – Ancillary Site Establishment Management Plan – Ancillary Facility
1J: ER Endorsement**

In my capacity as Environmental Representative, I have reviewed the following document and endorse it as being appropriate:

- Ancillary Site Establishment Management Plan – 1J: Revision B – Coffs Harbour Bypass (Revision B, 04/10/2023, prepared by Ferrovial Gamuda Joint Venture)

Yours sincerely

GeoLINK



Duncan Thomson
Environmental Representative

ATTACHMENT C

Management Plan Document No:	CHBPW-FGJV-NWW-EN-PLN-000097
Management Plan Document Name:	Ancillary Site Establishment Management Plan - Site 1J
Comment Register Document No:	

Item	Date of review	Revision No.	Raised By	Company	Doc. (e.g., Section, Table)	Comment #1 (Please include one comment per item)	Category	FGJV Response #1	Comment #2	FGJV Response #2	Closed-Out (Y, N)
Rev A - 30/09/2021 - TfNSW, ER, EPA, Council											
1	20/09/2023	A	D. Thompson	GeoLink (ER)	Section 3.3, Page 13	Irrelevant sentence: Approval to undertake construction works outside of the Project Boundary at the MOMF site was obtained through a Consistency Assessment by TfNSW, therefore this site is now considered to be within the Construction Footprint.		Sentence deleted			Y
2	20/09/2023	A	D. Thompson	GeoLink (ER)	Section 4.1, p14	Add some words or dot points around the timing of establishment of the AF (additional to the MAF) to cover off MCoA A15a), which requires scheduling and duration. Also, include an estimated date for decommissioning (Dec 2027?)		Updated as per comments			Y
3	20/09/2023	A	D. Thompson	GeoLink (ER)	Table 4, p14	Reference to tunnel		Reference to tunnel deleted			Y
4	20/09/2023	A	D. Thompson	GeoLink (ER)	Table 5, p17	Based on the aerial photo in Appendix A and my memory of site inspections, there is still a significant amount of vegetation within the AF Site 1J boundary. So, is this sentence correct? If not, please reword. It would be fine to clear vegetation as part of establishment of 1J. However, I note that there are some mapped areas of PCT 692 / koala habitat just within the southern and south-eastern boundaries of 1J. If I understand correctly, these areas can't be cleared for an ancillary facility as per REMM FF14.		Table 5 updated accordingly			Y
5	20/09/2023	A	D. Thompson	GeoLink (ER)	Table 5, p18	Is there not a residence at 102 Englands Rd that is directly adjacent to Site 1J? Therefore, boundary screening is required?		Updated accordingly			Y
6	20/09/2023	A	D. Thompson	GeoLink (ER)	Table 5, p18	If relevant, suggest including the following words from the Coramba Rd Site 2A-2 ASEMP - As required by the TfNSW G36 specification, Pre and Post Construction Land Condition Assessments will be completed to ensure the ancillary facility is returned to its pre-construction condition		Updated as per comments			Y
7	20/09/2023	A	D. Thompson	GeoLink (ER)	Appendix A	A few suggestions regarding this figure: 1. Put a polygon around the existing MAF; 2. If more of the AF 1J site might be used in the future, it is best to allow for this now. E.g. could add a polygon to south of MAF with label 'potential material laydown and storage area'; 3. If any of the vegetation with the AF 1J boundary will be retained, suggest adding a label with 'vegetation to be retained'		Figure updated			Y
8	26/09/2023	A	J. Hutchison	Hutchison Weller (AA)	Appendix A	The list of establishment activities is quite long and misleading – I am not sure there will be tunnel support/water treatment plant and ventilation.		Updated accordingly			Y
9	26/09/2023	A	J. Hutchison	Hutchison Weller (AA)		The noise and vibration assessment/initial risk assessment is not sufficient. Doesn't address A15d. There is a house immediately next door and the AF will be closer than the corridor. What site establishment activities need to be done to bring it up from the MAF to the AF? E.g. more clearing/earthworks/utilities? I am ok if these are quiet you need to demonstrate – not enough to say other construction works are similar.		Noise model included as Appendix D			Y
10	26/09/2023	A	J. Hutchison	Hutchison Weller (AA)		Layout diagram is not detailed enough to address A15b. Where are the site sheds going? Where is the generator going? Stockpile area? Will you need hoarding to screen generator noise from the receiver? Access and egress?		Updated layout (Appendix A)			Y
11	26/09/2023	A	J. Hutchison	Hutchison Weller (AA)	Section 6.2	Section 6.2 references the tunnel AF.		Reference to tunnel deleted			Y
12	26/09/2023	A	J. Hutchison	Hutchison Weller (AA)		A15c isn't directly addressed. The description given in Table 2 is not providing an initial risk assessment and there is no ongoing analysis description		Noise model included as Appendix D. Update to Table 5, identifying notification and verification to 1 sensitive receiver for noise impact.			Y
13	26/09/2023	A	J. Hutchison	Hutchison Weller (AA)	Section 6.3	Section 6.3 suggests EWMS to be developed. How will this apply to 1J?		Establishment of the ancillary will be undertaken in accordance with EWMS 09 - Earthworks			Y
14	26/09/2023	A	J. Hutchison	Hutchison Weller (AA)		A15a not addressed: scheduling and duration of work to be undertaken at the site. It is confusing saying it is established and operating and then say there are all these activities involved in establishment.		Updated in Section 4.1			Y
15	14/09/2023	A	J. Tucker	EPA	Table 5	Ensure that impacts from heavy machinery and OOHs are managed effectively in this location due to its vicinity to the sensitive receiver (west).		Impacts to be managed in accordance with Project approvals and EPL. Sensitive receiver to be notified of establishment activities. Verification of noise model to be undertaken.			Y