

# Construction Compound Plan (CCP)

## Primary Zone: Borlase Reserve Site Compound

Site Amenities & Temporary Works required to facilitate the Early Works scope at Borlase Reserve.

### North East Link Early Works

Project number:	V01026
Document number:	NEL-EW-CPB-1990-EPA-PLN-0001
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#### PLANNING AND ENVIRONMENT ACT 1987

BANYULE, BOROONDARA, MANNINGHAM, NILLUMBIK, WHITEHORSE, WHITTLESEA AND YARRA PLANNING SCHEMES

PERMIT NO. NORTH EAST LINK PROJECT INCORPORATED  
DOCUMENT, DECEMBER 2019

#### ENDORSED PLAN

SHEET 1 OF 59



SIGNED.....

MINISTER FOR PLANNING

DATE 11 / 05 / 2020.....

### Document Approval

Rev.	Date	Prepared by	Reviewed by	Approved by	Remarks
A	17/02/2020				Issued to NELP
Signature:					
B	06/03/2020				Updated to address DELWP meeting comments Issued to NELP
C	30/03/2020				Updated to address NELP comments on Rev B. Issued to IEA and NELP
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## Details of Revision Amendments

### Document Control

The Project Director is responsible for ensuring that this plan is reviewed and approved. The Project Environmental Manager is responsible for updating this plan to reflect changes to environmental, legal and other requirements, as required.

The current revision of this Plan shall be held on TeamBinder as a controlled document.

### Amendments

Any revisions or amendments must be approved by the Project Director and/or State before being distributed / implemented.

### Revision Details

Revision	Details
A	Draft first issue to NELP for review
B	Updated to reflect internal CPB comments Updated to reflect outcomes from meeting with DELWP held 02/03/20
C	Updated to address NELP comments on Rev B and DELWP comments from meeting 12/03/20 Issued to IEA and NELP
D	Revised to incorporate comments from IEA review. Issued to IEA and NELP via TeamBinder General Correspondence IEA has verified Rev D
E	Minor NELP comments on Rev D incorporated For DELWP issue

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## Definitions

Amenity trees	Planted amenity trees are trees and tree groups that are not considered to be 'Scattered Trees' nor located within Ecological Vegetation Classes (EVCs) as defined by Victoria's DELWP
Construction Environmental Management Plan (CEMP)	Overarching document which details the management of environmental aspects and impacts associated with the delivery of the works. The document has been prepared in accordance with the applicable requirements of the Incorporated Document.
Construction compound 'compound'	Long term compounds, including buildings for office, crib (meals), ablutions and washing facilities located within fixed a boundary.
Construction sites	Short term construction works areas or construction fronts including temporary storage/laydown areas that are to be undertaken throughout the Project
Early Works Package	Refers to the package of works to relocate utility services outside the alignment of the North East link Project to allow for the construction of the Primary Package, which is the main works for the North East Link Project.
Environment Effects Statement (EES)	Assessment of the potential environmental, social and business impacts associated with the proposed construction and operation of the North East Link Early Works under the Environment Effects Act 1978.
Environmental Management Framework (EMF)	The EMF is to provide a transparent framework to manage the environmental effects of the Project in order to meet statutory requirements, protect environmental values and sustain stakeholder confidence. The EMF provides clear accountabilities for the implementation of the Environmental Performance Requirements (EPRs)
Environmental Performance Requirements (EPRs)	A suite of performance-based environmental standards and outcomes that apply to the design, construction and operation of the Project. Define the minimum environmental outcomes that must be achieved during Project delivery.
Incorporated Document	North East Link Incorporated Document (GC98) - Delivery of the Project is facilitated by the Incorporated Document under the Banyule, Boroondara, Manningham, Whitehorse, Whittlesea and Yarra Planning Schemes Amendment approved December 2019.
Independent Environmental Auditor	The independent party appointed under the Contract (Managing Contractor Early Works) to undertake environmental reviews and environmental audits of project activities including assessing compliance with the EMF.
Managing Contractor	CPB Contractors Pty Limited is the Managing Contractor engaged by North East Link Project to manage the delivery of the Early Works Package in accordance with the Managing Contractor agreement.
Major Transport Infrastructure Authority	The Major Transport Infrastructure Authority (MTIA) is the proponent for the project. The MTIA is an administrative office within the Victorian Department of Transport with responsibility for overseeing major transport projects.
Minister's Assessment	Minister's Assessment of the North East Link Early Works EES as made under the Environment Effects Act 1978 dated
North East Link Project (NELP)	North East Link Project is an organization within MTIA that is responsible for developing and delivering the project on behalf of the Victorian Government.
Open Space	Land that provides outdoor recreation, leisure and/or environmental benefits and/or visual amenity.
Primary Package	North East Link Project (NELP) is divided into various packages of works. Within this CCP document the 'Primary Package' refers to the main tunnelling works for the construction of the NELP Project, which are separate to the Early Works Package.

Project	Refers to the road construction North East Link Project
Risk	Risk is measured as a combination of the magnitude of potential consequences of an event happening, and the likelihood of the event and associated impact occurring.
Scattered trees	A scattered tree is a native canopy tree that does not form part of a patch of native vegetation (as defined in DELWP's Guidelines for the removal, destruction or lopping of native vegetation)
Sensitive Uses	Sensitive uses as per Incorporated Document, include residences, open space, schools, community organisations and sporting and recreation areas.
Stakeholders	Stakeholders as specifically identified under Clause 4.9.4 of the Incorporated Document. This includes relevant Councils, affected utility service providers, Roads Corporation, Melbourne Water and Key Heritage.
Unavoidable Works	Works can only be undertaken when they are outside 'normal work hours;' where they are verified by the Independent Environmental Auditor as being 'Unavoidable Works' as defined within EPR NV3 or do not cause noise above background noise levels.

## Abbreviations and Acronyms

CEMP	Construction Environmental Management Plan
CCEP	Communication and Community Engagement Plan
CCP	Construction Compound Plan
CNVMP	Construction Noise and Vibration Management Plan
EMF	Environmental Management Framework
DELWP	Department of Land Environment Water and Planning (Vic)
EMS	Environmental Management System
EPA	Environment Protection Authority
EPBC	Environment Protection and Biodiversity Conservation Act 1999 (Cwth)
EPR	Environmental Performance Requirement
FFG	Flora Fauna Guarantee Act 1998 (Vic)
IEA	Independent Environmental Auditor
NEL	North East Link
NEL EW	North East Link Early Works
NELP	North East Link Project
PRS	Pressure Reducing Station
PSA	Planning Scheme Amendment
RAP	Registered Aboriginal Party
SCO	Special Controls Overlay
TPZ	Tree Protection Zone
UDFP	Urban Design Framework Plan
UDS	Urban Design Strategy
WEMP	Worksite Environmental Management Plan
YEMS	Yarra East Main Sewer



# 1. Introduction

## 1.1 Purpose of the Plan

The purpose of this Construction Compound Plan (**CCP**) is to comply with the requirements of clauses 4.12.1 and 4.12.2 of the North East Link Project Incorporated Document (**Incorporated Document**) and regulate the use and development of the Borlase Reserve Construction Compound.

This plan describes the proposed activities, hours of operation, potential environmental and community impacts including mitigation and management controls, associated with the construction and operation of the proposed Construction Compound (**Compound**) at Borlase Reserve, Yallambie which will be constructed as part of the Early Works Package.

A strategic and consistent approach will be undertaken to establish all Early Works construction compounds. Borlase Reserve is the first construction compound to be established for the Early Works Delivery Phase. Where the compounds have the potential to contribute to cumulative impacts this will be considered, and this aspect will be reviewed where and when additional compounds are to be established.

## 1.2 North East Link Early Works Overview

CPB Contractors (**CPB**) has been contracted by North East Link Project (**NELP**), a division of the Major Transport Infrastructure Authority, an administrative office in relation to the Department of Transport (Victoria), to provide Managing Contractor services for the North East Link - Early Works Package (**Early Works**).

The Early Works Package is to be undertaken to facilitate the relocation / protection of utility services to help minimise disruption during delivery of the North East Link Project (**Project**).

The Early Works Package comprises the design development and potential modification, relocation and/or protection of 91 Utility Services which shall be impacted by, or are in close proximity to the NEL Project (**Primary Package**). The scope also includes dilapidation assessments and procurement of an Independent Environmental Auditor (**IEA**).

The following list outlines the scope of works for the Early Works Package:

### Utilities relocations

- Power utilities relocations along Lower Plenty Road and Greensborough Road
- Communications utilities relocation along Lower Plenty Road and Greensborough Road
- Gas transmission main relocations along Greensborough road and Lower Plenty Road
- A number of utilities relocations works at Borlase Reserve, Yallambie including sewer reticulation, water mains, a pressure reducing station and Banyule Creek temporary diversion
- Replacement of a sewer main - Yarra East Main Sewer (YEMS) relocation
- Water mains replacement under the Eastern Freeway at Koonung
- Power relocations in the northern zone at Watsonia, Greensborough Road and the M80
- Communications utilities around the northern zone at Greensborough Road and the M80
- Power relocations around the eastern zone at the Eastern Freeway near Elgar Road
- Communications utilities around the eastern zone at Greensborough Road and the M80
- All works associated with the above scope

### Additional scope works

- Simpson Barracks – tree and vegetation clearing, erection of perimeter fence and fire/patrol roads (hardstand), construction of new buildings, demolition of decommissioned buildings, network communications

- Sports and recreation facilities at Ford Park, Ivanhoe and Binnak Park, Watsonia North – upgrade to turf with drainage, new pavilions, lighting, car parking, players shelters, spectator facilities, running track, fencing, demolition of decommissioned buildings and redundant infrastructure.

The Early Works have been split into three geographic zones which generally relate to the extents of the Primary Package. The three geographic zones (Primary, Northern and Eastern Zones) are shown in Figure 1.

The Primary Zone works will commence first and final designs are currently being completed for these locations.

Establishment of onsite construction compounds will occur for each Zone at one or more locations to support the construction work sites. Locations of all compounds have not yet been finalised, the currently proposed locations are shown in Table 1.

Separate CCPs will be prepared for each construction compound unless the Minister for Planning has provided prior written approval exempting the particular construction compound(s) from the requirements of the Incorporated Document.

**Table 1 - Work Zones - Early Works Package and associated compounds**

Zones	Description	Construction Compounds
1. Northern	M80 Ring Road to Somers Ave (including Greensborough Bypass)	Lenola Street, Macleod Additional to be confirmed
2. Primary	Eastern Freeway Road Reserve to Somers Avenue	Borlase Reserve, Yallambie Greensborough Rd, Bulleen Trinity Sports Complex, Bulleen Rd Simpson Barracks, off Greensborough Rd
3. Eastern	Hoddle Street to Springvale Road	To be confirmed

The work zones for Early Works are shown below.

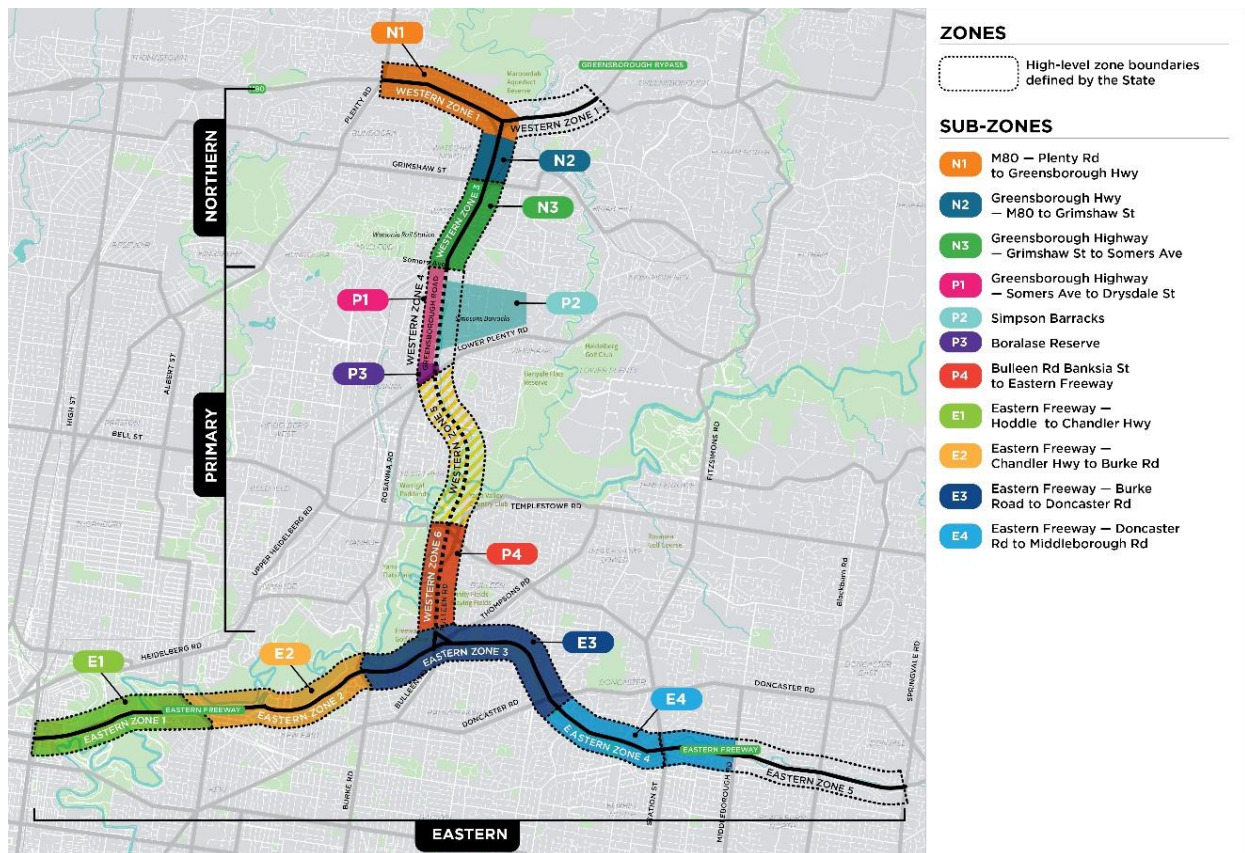


Figure 1 - North East Link Early Works Overview

## 2. NEL Approvals

### 2.1 Approvals framework and requirements for early works

Seeking and obtaining of Primary Approvals is the responsibility of NELP and is detailed within the Early Works Environmental Strategy document. Table 2 details the requirements of all relevant Secondary Approvals that may be required for the Early Works and construction compound at Borlase Reserve:

**Table 2 - Secondary Approvals**

Legislation	Responsible Authority	Approval	Purpose/Location
<i>Heritage Act 2017 (Vic)</i>	Heritage Victoria	Heritage Permit consent to Disturb (not required)	In the event that a works will impact on a registered place.
<i>Flora and Fauna Guarantee Act 1988</i>	DELWP	Flora and Fauna Guarantee Permit	Permit to remove protected flora
<i>Water Act 1989</i>	Melbourne Water	Working within MWC waterways (Section 67 permit)	A license to construct, alter, operate or decommission works on, over or under Banyule Creek
<i>Wildlife Act 1975</i>	DELWP	Management authorization for the salvage and handling of fauna	In the event that works will require the removal or destruction of wildlife.
<i>Road Management Act 2004</i>	Banyule City Council	Working within a road reserve permit	Works on Drysdale St
<i>Road Management Act 2004</i>	VicRoads	Working within a road reserve permit	Lower Plenty Road Greensborough Hwy

### 2.2 PSA and Incorporated Document requirements

Planning approval for the NEL Project is facilitated through Planning Scheme Amendment (**PSA**) (GC98), as gazetted on the 3<sup>rd</sup> of January 2020. The PSA allows for the use and development of the North-East Link, subject to specific controls set out in the North East Link Project Incorporated Document (December, 2019) (**Incorporated Document**) which will apply to all land within the designated project boundary.

The Incorporated Document allows the land within the project boundary to be used and developed for the Project. The Incorporated Document has the effect of exempting the project from the usual requirements of the planning schemes and allowing the use and development of land for the project, so long as they are located within the project boundary, and comply with the conditions of the Incorporated Document.

The following conditions of the Incorporated Document are required to be met

- Preparation of an environmental management framework (**EMF**) including environmental performance requirements (**EPRs**) prepared to the satisfaction of the Minister for Planning
- Finalisation and implementation of an Urban Design Strategy (**UDS**), including urban design framework plans (**UDFPs**), prepared to the satisfaction of the Minister for Planning
- Preparation of Urban Design and Landscape Plans (**UDLPs**) for all permanent above-ground buildings or structures prepared to the satisfaction of the Minister for Planning (excluding preparatory buildings and works)
- Establishment of an Urban Design Advisory Panel (**UDAP**)
- Review of the extent of the Special Controls Overlay (**SCO**) which identifies land which is not required for the purpose of the project and which may be removed from the SCO

- Subdivision and consolidation plans prepared to the satisfaction of the Minister for Planning
- Provisions in regards to the removal, destruction or lopping of native vegetation
- Presentation of the current version of the following plans and documents on a clearly identifiable Project website: EMF, UDS, UDLs, CCPs and the Communications and Community Consultation Plan
- Preparation of Construction Compound Plans (**CCPs**) to the satisfaction of the Minister for Planning
- The CCP has been prepared in accordance with the requirements of clause 4.12 of the Incorporated Document.

### 2.3 EMF and EPRs

Figure 2 below illustrates the CCP planning and environment approvals context. The CCP is prepared in accordance with the Incorporated Document and its preparation is informed by other relevant project approvals including the EMF and relevant EPRs. This process is described further in the sections below.

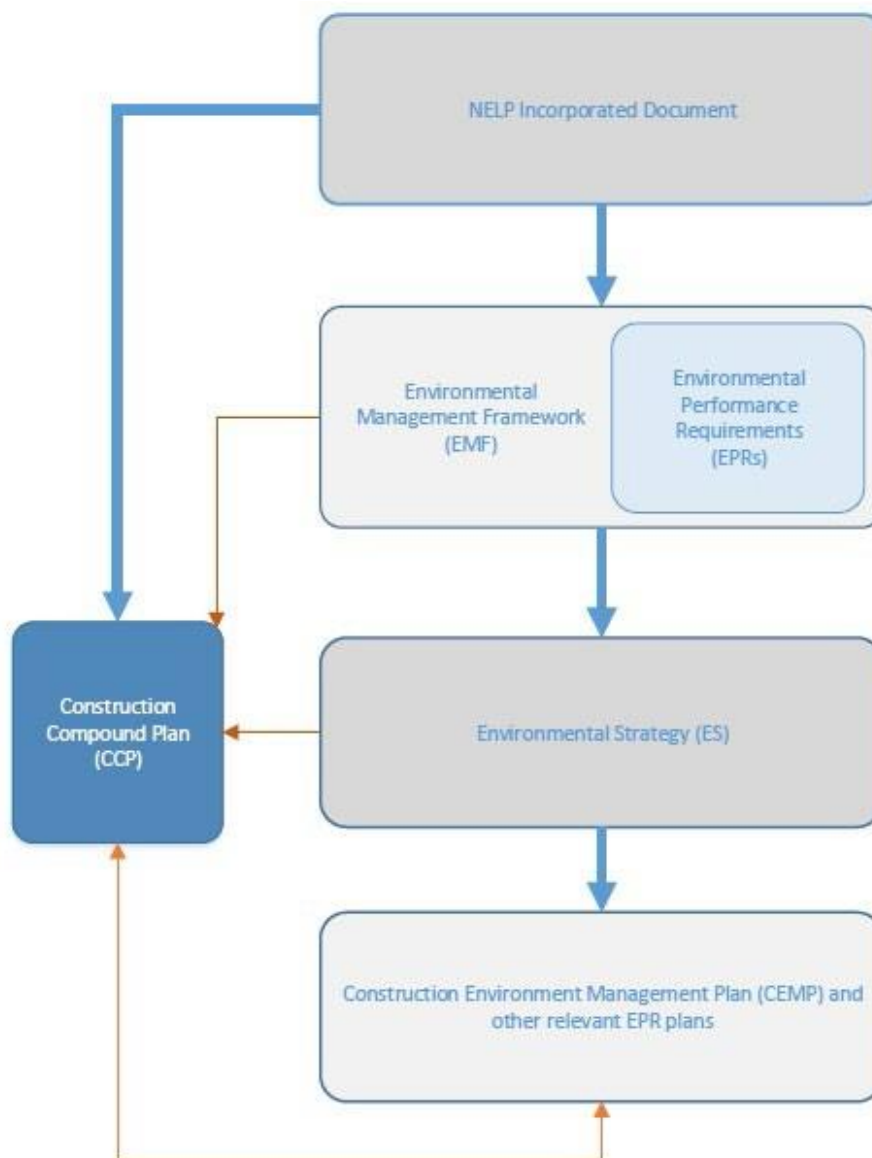


Figure 2: CCP planning and approvals context



### 2.3.1 Environmental Management Framework (EMF)

The EMF and the EPRs have been approved by the Minister for Planning as per the Incorporated Document. The EMF provides a transparent and integrated governance framework to manage the planning, environmental and heritage aspects of the works, and outlines the accountabilities for the delivery and monitoring of implementation of the EPRs.

The EMF was finalised in February 2020 following gazettal of the PSA and the Incorporated Document coming into effect.

### 2.3.2 Environmental Performance Requirements (EPRs)

CPB has prepared an Environmental Strategy to outline the approach during Early Works to comply with the NEL Project environmental requirements including relevant environmental laws, project approvals, approval conditions and the EPRs.

### 2.3.3 Environmental Strategy and Risk Assessment

The Environmental Strategy states how the EMF including EPRs, and the findings of the Early Works Environmental Risk Assessment and Environmental Risk Management Strategy will be implemented through the delivery of Early Works and incorporated into management plans such as the Construction Environmental Management Plan (CEMP), Worksite Environmental Management Plans (WEMP), EPR Plans and Urban Design and Landscape Plans, refer to Figure 2.

The purpose of the Environmental Strategy, specifically in relation to the CCP, is to provide:

- A summary of each EPR and how these will be complied with including proposed actions, timing, consultation, proposed management plans and evidence of compliance (a summary is provided in this Plan)
- An overview of the management documents that will be prepared to support the implementation of the CCP and other environmental documentation

Section 6 of this Plan contains an extract from the Environmental Strategy demonstrating relevance to, and compliance with, the EPRs.

## 2.4 UDS

The Incorporated Document requires NELP to implement an approved Urban Design Strategy (UDS), including urban design framework plans (UDFPs). The UDS will provide a consistent framework and guide the built form of permanent above-ground buildings or structures (excluding preparatory buildings and works) associated with the Project. The UDS was approved by the Minister for Planning in March 2020.

The construction compound described within this CCP does not include permanent above ground buildings or structures and meets the definition of preparatory buildings and works in the Incorporated Document (Clause 4.13.1) and therefore a UDLP is not required for the compound.

The design of the construction compound will be carried out in accordance with section 7.2 of the UDS, which provides design guidance to manage temporary construction impacts.

### 3. Independent Environmental Auditor (IEA)

EPR EMF3 'Audit and report on environmental compliance' requires that an Independent Environmental Audit (**IEA**) is appointed to review Project management plans and documentation and to undertake environmental audits of compliance with and implementation of the EPRs and environmental plans.

The EMF states that the IEA shall review and verify contractor's compliance with the EMF, Environmental Strategy, Environmental Performance Requirements and Incorporated Document.

CPB has procured the services of a suitably qualified and experienced IEA through the appointment of Nation Partners to undertake this role for the Early Works Package.

The IEA role also includes the verification of 'Unavoidable Works'. Unavoidable works are defined in EPR NV3 as construction works that must occur at night as they cannot be completed during normal construction hours.

Appendix A contains the IEA verification for this Plan.

## 4. Borlase Reserve Construction Compound

### 4.1 Incorporated Document requirements

Clause 4.12 of the Incorporated Document outlines requirements for CCPs, including content requirements. These requirements are summarised in the table below, together with a cross reference to where they are addressed in this Plan.

Unless an exemption has been provided by the Minister for Planning, CCPs are required for all construction compounds associated with construction of the NEL Project

This CCP has been informed by the Environmental Strategy and requirements of the EPRs as described in Section 2. The UDS specifically does not apply to the construction compound as per Incorporated Document (GC-98) Section 4.13.1.

CPB define Construction compounds (**Construction Compounds**) to be long term compounds, including buildings for office, crib (meals), ablutions and washing facilities located within fixed a boundary.

Whereas, Construction sites, are defined as short term construction works areas or construction fronts including temporary storage/laydown areas that are to be undertaken throughout the project, and do not require the development of CCPs.

**Table 3 – Addressing CCP requirements from the Incorporated Document**

Clause	Content requirements	Where addressed
4.12.1	Prior to the use and development of any construction compound , a Construction Compound Plan ( <b>CCP</b> ) must be prepared to the satisfaction of the Minister for Planning.	This plan
4.12.2 a)	A plan showing the location and layout of each compound and the categories of works and operations proposed within each compound.	Section 4 describes the site location Section 5 describes the work activities and Figures 3, 4, and 5 illustrate these items
4.12.2 b)	The estimated duration of activity within each compound.	Section 5 provides details of the compound activities and durations
4.12.2 c)	Demonstration that any compound proposed on land which is not to be permanently acquired are reasonably required in the location in which they are proposed, including demonstration that alternatives which reduce the impact of the compounds on such land are not feasible or practical.	N/A to this CCP because the construction compound is to be located on land that is to be permanently acquired for the NEL Project
4.12.2 d)	Demonstration that the compounds (and categories of permissible works within each compound) have been sited to avoid, then minimise, then mitigate, impacts on sensitive uses (including residences, open space, schools, community organisations and sporting and recreation areas).	Section 6 identifies sensitive uses and explains management of impacts
4.12.2 e)	Demonstration that the categories of works proposed within the compounds are appropriate having regard to whether the land is flood prone, including any flood modelling where appropriate, or has any particular environmental sensitivity, and that the works will be suitably managed to address any flood risk.	Section 6 discusses flood risk and mitigations



Clause	Content requirements	Where addressed
4.12.2 f)	Measures to restore the former use of the land used for construction once these activities are complete.	Section 7
4.12.3	A CCP may be prepared and approved in stages but a CCP for any stage must be approved before the commencement of use and development for that stage.	This plan
4.12.4	A CCP may be amended from time to time, to the satisfaction of the Minister for Planning.	Section 9.1.5 details the review procedure
4.12.5	All construction compounds must be located and operated in accordance with the approved CCP and relevant EPRs included in the approved EMF.	This plan

## 4.2 Description of Site

The construction compound shall be located at Borlase Reserve, Yallambie. Borlase Reserve is located between Lower Plenty Road, Greensborough Highway, Drysdale Street and Borlase Street.

The area proposed as the construction compound and laydown yard is generally flat with a slight slope towards Banyule Creek. The average elevation of the area is 50m above sea level.

The current land use is primarily open space and vacant land which is maintained by VicRoads and Banyule Council. VicRoads is the principal owner of the eastern portion of the site (along Greensborough Highway) with Banyule Council owning the southwestern corner away from the compound site (from Lower Plenty Road along Borlase Street).

Banyule Creek acts as an open drainage channel for the surrounding streets, it flows in a north-to-south direction and bisects Borlase Reserve, transporting water to a culvert located at the south of Lower Plenty Road.

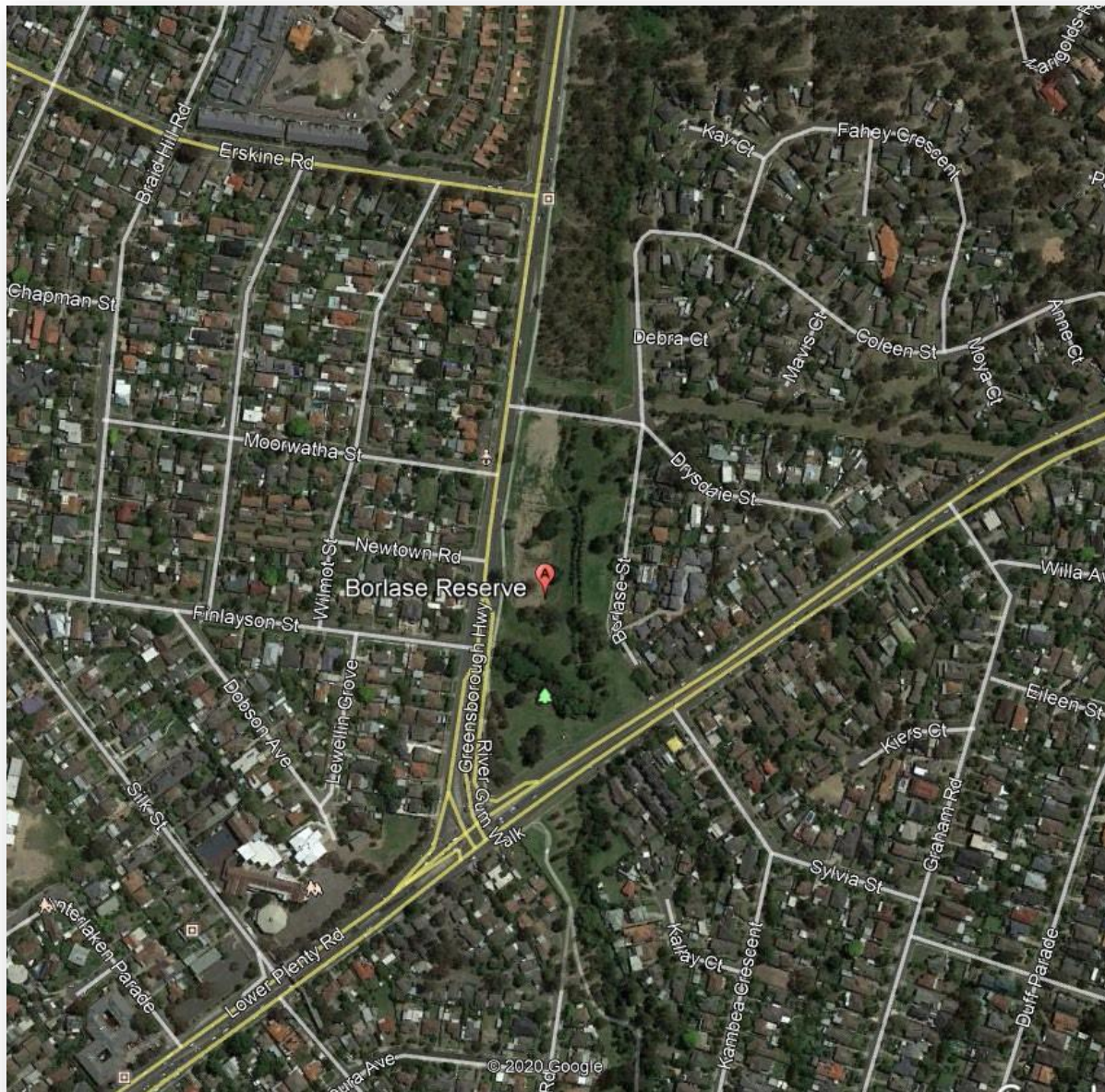
Development of the construction compound will feature the establishment of a site staff office, site amenities for the construction team and subcontractors, storage of plant and equipment and laydown for construction materials. Haul roads and fencing are also included within the compound area.

The construction compound site works can be split into the compound establishment and ongoing compound usage/operation. A summary is provided below, for a more specific outline of each activity, see Section 5.

The construction compound setup will feature the following key works:

- Establish environmental controls
- Site perimeter and compound fencing
- Grubbing and clearing of trees (where required and approved)
- Hardstand area establishment
- Placement of compound buildings
- Connection of Services (sewer, water, power)
- Haul road construction
- Car park construction
- Creek crossing construction

The Construction Compound shall support works to deliver the utility services construction around Borlase Street, Drysdale Street, Greensborough Road and Lower Plenty Road. The works to be supported by this Construction Compound and their nominal schedules are shown in Figure 4.



**Figure 3 - Location of Borlase Reserve, Yallambie**





**Figure 4 – Works Supported by Borlase Reserve Construction Compound**

### 4.3 Detailed Compound Site Plan

The construction compound layout plan below displays key features of the site compound and the corresponding environmental controls.

Aside from the proposed resident carpark all works will feature in the location between Greensborough Hwy, Lower Plenty Road, Drysdale Street and Borlase Street. The proposed resident carpark will provide an alternative parking location for residents during future works which will result in the occupation of Borlase Street.





Figure 5: Construction compound overview layout





Figure 6: Schematic of Office Compound and Carpark

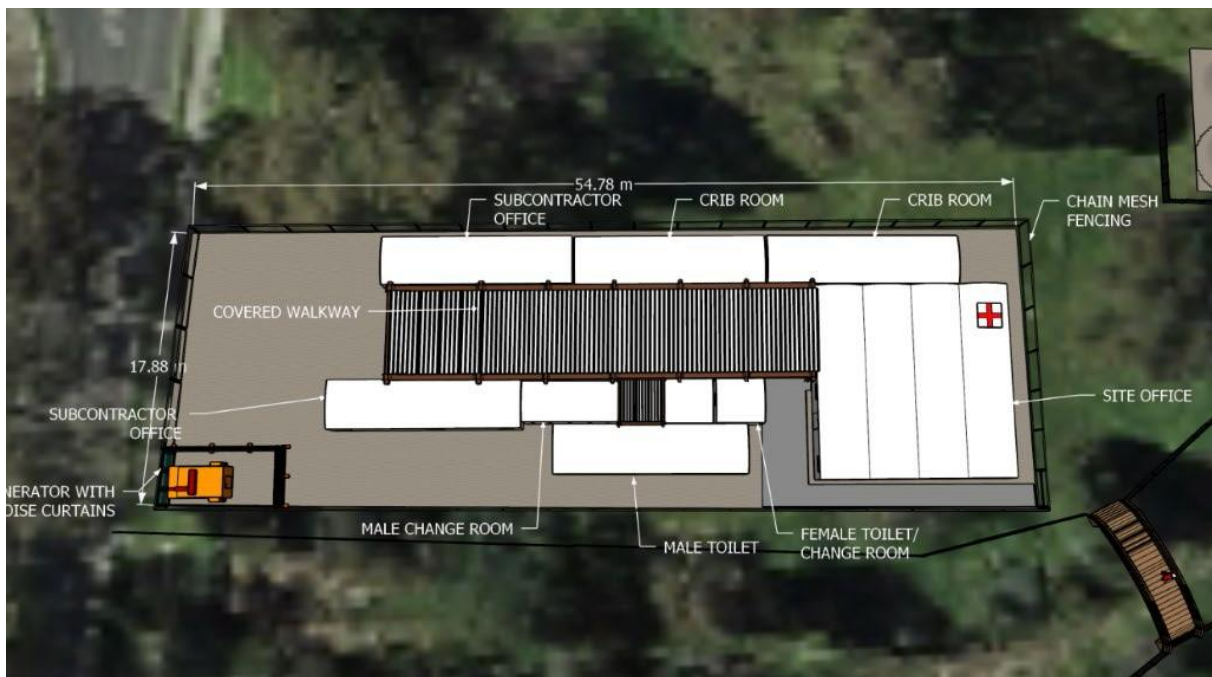


Figure 7: Plan View of Construction Compound Office

#### 4.4 Operation of the Compound

Once establishment is complete, the operation of the construction compound will be in accordance with this CCP, the Construction Environmental Management Plan (**CEMP**), Communication and Community Engagement Plan (**CCEP**) and Construction Noise and Vibration Management EPR Plan (**CNVMP**).

The primary use of the site compound will align with normal construction hours:

## Day Works -

Monday to Friday: 7am to 6pm

Saturday: 7am to 1pm

## Night Works -

The construction compound shall also be operated during night shift to support night shift when required.

When the compound operates at night it will be required to operate within the noise limits of EPR NV4 or be verified as 'Unavoidable works' by the IEA. Noise modelling will be undertaken to establish predicted noise levels and noise mitigations will be implemented as per the CNVMP.

'Unavoidable works' are defined in EPR NV3 as construction works that must occur at night as they cannot be completed during normal construction hours because they would cause disruption, are emergency works or are works that cannot be stopped.

Site hours and access to site during night works will be determined on a case by case basis and by specific scope requirements (road closures, diversions etc.). CPB Contractors will work closely with NELP and the IEA to carefully coordinate works to ensure there is minimal inconvenience to the community.

## 4.5 Justification of location and use of compound

The location of the site compound has been selected based on the following factors:

**Future Land Use** - The Borlase Reserve construction compound will be located on land that is to be permanently acquired for the NEL Project.

**Proximity to Works** - The site office location is centrally located for the work packages in the Primary Zone of the project. This will ensure that access to amenities, materials and equipment for staff and contractors working on site is readily available.

**Community Impacts** - The construction compound has been selected to minimise community impacts. As the compound is bordered by two main arterial roads there is only a small number of homes that will be directly adjacent to the compound. The Borlase Reserve area will also be the key location of many of the Early Works service relocations (including sewer, water, gas, drainage, power utilities around the perimeter of Borlase Reserve and in Borlase Street), therefore having the compound in the same area will ensure additional community members are not disturbed by occupying a separate location. The residents on Borlase Street (south of Drysdale Street) have been offered a range of relocation options in recognition of works/site compound being located directly opposite their properties.

**Cultural Heritage** - The area was selected as it did not feature any direct impacts with identified aboriginal cultural heritage.

## 5. Scope of Works and Operations

### 5.1 Work Activities

The activities that will occur as part of this Construction Compound Plan will be the following:

#### 5.1.1 Setup of the Construction Compound

1. Installation of environmental controls
  - a) Sediment fencing to be installed around Banyule Creek, Western Drain compound to control any sediment runoff.
  - b) Stormwater drains to be protected from sediment by suitable controls (eg: silt socks)
  - c) Spill kits to be setup in designated locations
  - d) Site exit / egress shall be stabilised to prevent mud tracking and dust (step 6)
  - e) Tree Protection Zones (TPZ) to be established based on arborist advice and delineated from the site operations
  - f) If required, a concrete washout will be suitably designed and sited to ensure no potential impact to land, surface water and watercourse
2. Site perimeter and compound fencing, with associated hoarding to delineate the construction compound from the general public. Fencing will be setup as per Figure 5. Fencing to be installed with consideration to pedestrian movements and efficient site compound operation. The perimeter fencing of the Borlase Reserve Construction Compound will require to be adjusted based on the alignment of the service relocations. These changes will be reflect in each construction work pack.
3. Grubbing and clearing of trees where required, the design of the construction compound has ensured that the extent of tree removal has been minimised. All removals shall be approved prior. Appendix B shows the Tree Impact Plan
4. Compound establishment
  - i) Hard stand areas to be established by laying geotextile matting across the proposed area. This will ensure a separation between the existing ground and the site compound. Crushed rock aggregate is then to be placed upon the matting and compacted.
  - ii) A layer of water-based surface polymer to be applied to the hard stand area to ensure binding of crushed rock for dust minimisation
  - iii) Compound building to be placed on concrete block footings using a pick and slew crane
5. Services to be connected to the compound
  - i) Generators to be used for site power until an anticipated connection to mains power supply can be organised. Temporary generators are to be located away from residents as much as possible.
  - ii) Sewage to be transported to a licensed waste facility on a regular basis, until connection to nearby trade waste pit is approved
  - iii) Water supply from a nearby hydrant or by truck delivery to potable water tanks
6. Haul road and carpark construction
  - i) Geotextile matting to be placed on the extent of haul road/carpark.
  - ii) Crushed rock to be placed and compacted in layers with a drum roller. A preferred water-based polymer to be applied to the top layer to ensure binding of finer particles and thus, reduction of dust.
  - iii) It is expected that the polymer may lose integrity with vehicles trafficking over the carpark or haul road. Reapplication of the polymer will occur as per Table 4
  - iv) Dust will also be managed through the application of water to the haul road.
  - v) Raised reflective pavement markers to be used on the resident carpark to ensure separation of individual areas.
  - vi) Stabilised exits to be installed on the haul road to ensure that trucks do not cart unwanted soil or rocks onto public roads
7. Construction of creek crossing(s)
  - i) Geofabric to be placed on the extent of the creek of which the crossing is to occur

- ii) Large diameter pipes to be installed in the bed of the creek to ensure flow path and volume capacity will not be impeded by the crossing
  - iii) Formwork will be installed around the pipes to form the mold for concrete to be poured. The formwork will be setup to ensure no concrete can seep into the creek system. Visual monitoring of the works will occur at all steps in this process. Spill response materials to be available at the site during works
- Concrete pour to be conducted and bridge deck installed for vehicles.

#### 5.1.2 Operation of the Construction Compound

1. The Construction Compound shall support works to deliver the utility services construction around Borlase Street, Drysdale Street, Greensborough Road and Lower Plenty Road.
2. It will be used for: -
  - a. Amenities for Personnel; including buildings for bathrooms, first aid and a meals/crib room
  - b. Management and supervision of works
  - c. Pre-start meetings
  - d. Storage of tools, equipment and non-hazardous substances within shipping containers
  - e. Hazardous substances will be stored within bunded shipping container compliant with AS 1940:2017
3. Stockpiling of work materials for the construction works packages including clean fill soil, backfill sand, crushed rock and broader laydown of pipeline supplies. Soil stockpiling and management to meet the relevant regulatory requirements and elements of EPR reference CL1 Spoil Management Plan. The following controls are to be implemented:
  - a. Soil stockpiles must be located away from drainage lines, at least 10 metres away from natural waterways.
  - b. Stockpiles may only be located within 10 metres of a waterway if no other alternatives exist, and this situation should be identified in a risk assessment by the Environment Team.
  - c. Establish sediment controls around unstable stockpiles and batters, considering the vulnerability of soil loss, paying attention to protecting slopes.
  - d. The number of stockpiles, and the area and the time stockpiles are exposed is to be minimised, and planned in Work Packs, and WEMPs where practicable
  - e. Topsoil, clean fill and contaminated stockpiles are kept separate. Stockpiles and batters are designed with slopes no greater than 2:1 (horizontal/vertical).
4. Refueling to be conducted with mini tanker trucks. Refueling must not occur within 30m of a waterway as a result refueling to occur in the construction carpark and storage area. Eliminate ignition sources in vicinity of refueling operations. Switch off engines of plant and vehicles before commencing refueling. Spill kit to be in close proximity to refueling operation.
5. Table 4 details the inspection regime will be followed throughout operation of the compound. This will ensure that the environmental controls are maintained and complied with:

**Table 4: Environmental inspection items**

Item	Inspect	Frequency	Responsibility
Environmental Inspection checklist	All currently worked areas of site	Weekly	Environment team
Site access	Rumble grid / stabilised access integrity	Daily	Construction team



Item	Inspect	Frequency	Responsibility
Sediment fences	Integrity	Daily and after >10mm rain	
Dust suppressant (polymer) integrity	Roads – is suppressant still intact	Daily	Construction team
Dust – visual inspection checklist	Monitor weather Complete checklist	High risk days – hourly General -daily	Construction team
Spill kits	Monitor contents	Weekly and after spill events	Construction team

## 5.2 Timing of activities

The construction compound works is anticipated to begin in late April 2020. To establish the construction compound is estimated to take approximately one month.

Once established the compound will be used as a site office and laydown area for the remainder of the NEL Early Works Primary Zone Scope until completion and demobilisation as scheduled in July 2021.

**Table 5 : Timing - Site Establishment Activity Durations**

Ref	Work activity	Duration
5.1.1	Environmental controls	2 weeks
5.1.2	Site and compound fencing	1 week
5.1.3	Grubbing and clearing of trees (as approved)	1 week
5.1.4	Compound establishment a) Hardstand area establishment b) Placement of compound c) Connection of services	2-3 weeks 1 week 1 week 1 week
5.1.5	Haul road construction	2 weeks
5.1.5	Carpark construction (compound carpark and residents carpark)	1 week
5.1.6	Creek crossings with geofabric and rock beaching, large pipes, formwork, concrete pour, matting/plates	1 week

## 6. Management of impacts

The compound construction delivery methodology is established in line with the process of risk management as described in Section 6.3. This process is undertaken through identifying sensitive uses, assessing the risks of construction activities to be undertaken, applying the compliance framework (EPRs) and implementing mitigations and controls to manage the identified risks.

Section 6.3 describes the application of controls which are taken from the EPR Plans, CEMP and WEMPs to manage the risks and impacts of the construction activities. Refer to Section 9 for a high level description of CPB's Environmental Management System, including documents and plans, more information can be found within the CEMP.

### 6.1 Identification of Sensitive Uses

Clause 4.12.2 (d) of the Incorporated Document requires demonstration that the compound has been sited to avoid, then minimise, then mitigate impacts on sensitive uses.

The Borlase Reserve location consists of three primary sensitive uses, residences, schools and open space. Residences on Borlase St are located directly adjacent to the compound, the St Martin's of Tours Primary School is located 150m from the Borlase Reserve on Silk St, Rosanna, the Borlase Reserve itself is an open space. Impacts to these sensitive uses are required to be managed during the construction and operation of the compound. The sensitive uses of community organisation, sporting and recreation areas are not an aspect of Borlase Reserve compound.

This section describes the process of applying the EPRs to avoid, minimise and mitigate impacts on sensitive uses.

### 6.2 EPR Compliance

The applicable EPRs will generally be addressed through development of project specific management plans or procedures and controls that will be implemented across the Early Works and, where applicable, for this CCP.

The EPR Plans listed in Table 6 will be developed and implemented for activities associated with the Early Works Package.

EPRs that directly relate to this CCP and a summary of how each relevant EPR will be complied with is detailed in this section within Table 7 which sets out the proposed compliance documentation, including management plans or documents, consultation, timing and compliance monitoring that will be undertaken by CPB to address relevant EPRs.

**Table 6 : Early Works Package - EPR Plans**

EPR Sub Plan Num	EPR Sub Plan Name	Relevance to the CCP
NEL-EW-CPB-1990-EEE-PLN-0004	Dust and Air-quality Management and Monitoring Plan	The Dust and Air Quality Management and Monitoring Plan will outline overarching management methods and controls in relation to dust and air quality that the CCP will adhere to.
NEL-EW-CPB-1990-EEE-PLN-0005	Tree Removal Plan	Appendix B – Tree Impact plan to outline the potential tree removals for the CCP. Tree removal plan to feature methodology that the project will undertake in relation to tree removal.
NEL-EW-CPB-1990-EEE-PLN-0006	Tree Protection Plan	Appendix B – Tree Impact plan to highlight the TPZ.

EPR Sub Plan Num	EPR Sub Plan Name	Relevance to the CCP
NEL-EW-CPB-1990-EEE-PLN-0008	Spoil Management Plan	Spoil Management Plan will be used to manage stockpiling, soil categorisation and disposal options for the works within the construction compound.
NEL-EW-CPB--1990-EEE-PLN-0014	Ground Movement Plan	Not in relation to CCP works as no excavation, ground settlement or vibration is expected. Pre-condition property condition surveys have been undertaken as per the Ground Movement Plan.
NEL-EW-CPB-1990-EEE-PLN-0009	Groundwater Management Plan	Not in relation to CCP works as no excavation is to occur. Worksite Environmental Management Plan to be created in accordance Groundwater Management Plan
NEL-EW-CPB-1990-EEE-PLN-0010	Archaeological Management Plan	Not in relation to CCP works as there are no Victorian Aboriginal Heritage Register sites within Borlase Reserve.
NEL-EW-CPB-1990-EEE-PLN-0003	Construction Noise and Vibration Management Plan	The Construction Noise and Vibration Management Plan outlines the monitoring and guidelines to minimise noise impacts on sensitive receptors
NEL-EW-CPB-1990-EEE-PLN-0011	Surface Water Management Plan	Surface Water Management Plan will relate to the CCP in terms of installing controls to ensure the Banyule Creek is not impacted by surface runoff from the CCP.
NEL-EW-CPB-1990-ESU-PLN-0001	Sustainability Management Plan	The construction compound has an opportunity to undertake sustainable initiatives to contribute to the Sustainability Management Plan project objectives
NEL-EW-CPB-1990-CTM-PLN-0001	Transport Management Plan	Transport Management Plan will be more applicable to the work packages within the construction compound as these will have impacts on cyclist, pedestrian and vehicles movements.
NEL-EW-CPB-1990-EEE-PLN-0012	Flood Emergency Management Plan	The Flood Emergency Management Plan will be used to outline the flood risk for the Borlase Reserve Compound and evacuation procedures to manage this. The design process for the alteration of the Banyule Creek is completed to ensure flood risk is not exasperated.
NEL-EW-CPB-1990-PSC-PLN-0001	Communication and Community Engagement Management Plan	Communication and Community Engagement is as per Section 8.

**Table 7 – EPR Compliance – CCP Borlase**

This table shows aspects that are relevant to the CCP, additional EPRs are relevant to the Early Works but these are not listed here unless relevant to the CCP.

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Environmental Management (EMF)	<b>EMF1</b>	CPB maintains an EMS that conforms to the Australian Standard AS/NZS ISO 14001:2016. This CCP will be delivered in accordance with the Environmental Strategy and Management Plans for the Early Works Package	Systems will be maintained throughout CCP Section 9 of this Plan describes CPB's Environmental Management System
	<b>EMF2</b>	CPB has prepared Environmental Strategy and Management Plans	Management Plans will be maintained as per EMF throughout CCP Section 9 of this Plan describes CPB's Environmental Management System
	<b>EMF3</b>	CPB has appointed an Independent Environmental Auditor (IEA)	IEA will be retained throughout CCP
	<b>EMF4</b>	CPB operates a complaints management system consistent with AS/NZS 100002:2014 and this system shall be implemented for the CCP and the Early Works Package	Systems will be maintained throughout CCP Section 8 of this Plan describes CPB's Communication Strategy
Aboriginal Heritage (AH)	<b>AH1</b>	All works shall be managed in accordance with the approved Cultural Heritage Management Plan (CHMP 15576). CPB shall comply with the CHMP requirements and in consultation with the Registered Aboriginal Party and Aboriginal Victoria	Compliance throughout CCP AH aspects will be covered within CEMP and WEMPs Registered Aboriginal Party conduct audits and inspections where relevant Site inductions cover this aspect
Dust and Air quality (AQ)	<b>AQ1</b>	All works shall be managed in accordance with the Dust and Air Quality Management and Monitoring Plan	Compliance throughout CCP AQ aspects will be covered within EPR Plans, CEMP and WEMPs EPA consultation for relevant aspects

EPR Category	EPR	Compliance	Timing, Consultation & Approval
			Site inductions cover this aspect Site environmental inspections for CCP
	<b>AQ2-5</b>	Not applicable to Early Works or the CCP scope, operational EPR	-
	<b>AQ6</b>	Not applicable to the CCP scope	-
Arboriculture (AR)	<b>AR1</b>	The EPR Plan "Tree Removal Plan" will be developed prior to tree removal. Tree removal plan to feature methodology and management procedures that the project will undertake in relation to tree removal. A tree impact plan has been prepared for the compound and associated works. Some trees will be required to be removed for the establishment of the haul roads and perimeter fencing as per the drawing in Appendix B	Compliance throughout CCP AR aspects will be covered within EPR Plans, CEMP and WEMPs Site inductions and training cover this aspect Site environmental inspections for CCP  Tree removal approved by DEWLP prior
	<b>AR2</b>	Trees or vegetation shall be managed in accordance with the Tree Protection Plan. This is to be developed, and its controls implemented with advice from the project arborist as part of the CCP works. The tree impact plan in Appendix B specifically outlines trees that are to be removed or will require protection through installation of TPZ.	As above TPZ will be installed in accordance with AS 4970-2009 Protection of trees under advice of site arborist. This advice may include methods to protect trees that have been flagged for removal. Appendix B is thus the worst-case tree removal for the compound establishment.
	<b>AR3</b>	Not applicable to the CCP scope	-

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Business (B)	<b>B5</b>	No impact to third party infrastructure unless given approval from asset owner to connect to existing services for the construction compound	-
	<b>B4-B4 B6-B8</b>	Not applicable to the CCP scope	-
Contamination and Soil (CL)	<b>CL1-CL4</b>	No soil and spoil is anticipated to be generated through establishment of the compound and associated works. Throughout the construction phase all stockpiled soil and spoil shall be managed in accordance with the Spoil Management Plan (CL1).	Worksite Environmental Management Plan to detail location of stockpiles, overview of soil categorisation and management of different soil types. Stockpiling that occurs as part of the construction phase is to occur in compliance with the Spoil Management Plan.
	<b>CL5</b>	Manage chemicals, fuels and hazardous materials	Compliance throughout CCP Hazardous materials aspects covered in EPR Plans, CEMP, WEMP Site inductions and training cover this aspect Site environmental inspections for CCP
	<b>CL6</b>	Not applicable to Early Works or CCP, operational EPR.	-
	<b>FF1, FF3</b>	Will be achieved through implementation of the Flora and Fauna Sub-plan of the CEMP and the controls listed within	Compliance throughout CCP FF aspects will be covered within CEMP and WEMPs Site inductions and training cover this aspect Site environmental inspections for CCP Ecology assessment prior to works commencement

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Flora and Fauna (FF)	<b>FF2</b>	Where possible the removal of native vegetation and fauna habitat shall be minimised through siting, design and construction methodology	As above and through design
	<b>FF5</b>	Where species protected under the EPBC Act 1999 or Flora and Fauna Guarantee Act 1988 are potentially impacted the relevant approvals or translocation plans must be in place	Ecology assessment prior to works commencement, FFG obtained by CPB where required
	<b>FF4, FF9</b>	Melbourne Water shall be consulted for the construction of the creek crossings, and agreement obtained for the design. Ecologist shall assess creek crossing locations for flora and fauna values as part of the Melbourne Water process	As above plus consultation through Melbourne Water process Ecology assessment prior to works commencement, FFG obtained by CPB where required
	<b>FF6</b>	Groundwater will not be impacted through the CCP works as there are no deep excavations	-
	<b>FF7, FF10</b>	No Matted Flax-lily or Studley Park Gums located within the CCP area	-
Groundwater (GW)	<b>GW1, GW3, GW5</b>	Not applicable to the CCP scope	-
	<b>GW2, GW4</b>	CCP works will not impact or disturb groundwater levels as there are no deep excavations	-

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Ground movement (GM)	<b>GM1</b>	Not applicable to the CCP scope	-
	<b>GM2, GM3, GM4</b>	CCP works are all above ground and therefore no disturbance applicable to will be occurring as a result of excavation. All plant and machinery that will be operating to setup the site compound will be low risk to any potential ground movement	-
Historical Heritage (HH)	<b>HH1 – H5</b>	No Historical Heritage sites will be impacted by the CCP works	-
Land Use Planning (LP)	<b>LP1</b>	The location of the compound has been selected to minimise the impact to residents and to allow works to be undertaken in the adjacent locations. The construction activity will restrict the use of the Reserve during the Early Works Package delivery and during the compound establishment and operation. Much of the construction activity will occur directly adjacent to the Borlase Reserve because this is where the services are located.	The impact has been minimised where possible through screening works and providing alternatives such as parking and access to residents.
	<b>LP2 – LP5</b>	Not applicable to CCP works as these relate to permanent (Primary Package) works	-
	<b>LV1</b>	Not applicable to CCP works, relates to permanent above-ground buildings or structures	-



EPR Category	EPR	Compliance	Timing, Consultation & Approval
Landscape and Visual (LV)	<b>LV2, LV3</b>	The temporary and construction works shall be located, designed and carried out in accordance with this CCP. The UDS guidance will inform and manage construction impacts.	The location and orientation of the compound lighting towers shall be selected to avoid light spillage and glare to nearby residents and fauna. Perimeter fencing with hoarding will screen visual impact
	<b>LV4</b>	Not applicable to Early Works or CCP, operational EPR.	-
Noise and Vibration (NV)	<b>NV3</b>	All works will be carried out to minimise construction noise impacts to sensitive uses (residences)	All works shall meet noise limits within NV3 Only unavoidable works shall be undertaken at night
	<b>NV4</b>	All noise aspects shall be managed in accordance with the CNVMP	Compliance throughout CCP Community engagement as per CCEP NV aspects covered in EPR Plans, CEMP and WEMPs EPA consultation for relevant aspects CNVMP shall be applicable to the CCP Noise modelling to inform CCEP and relocations strategy Mitigations as per CNVMP during CCP (including monitoring) Site inductions and training cover this aspect Site environmental inspections for CCP
	<b>NV1, NV2, NV5 – NV7, NV11 – NV16</b>	Not applicable to the CCP scope	-
	<b>SC1, SC3, SC4</b>	The requirement to develop and implement a Communications and Community Engagement Plan (CCEP), will ensure SC1 and SC4 can be managed in accordance within the CCEP	Compliance throughout CCP SC aspects will be covered within CEMP and WEMPs Site environmental inspections for CCP

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Social and Community (SC)	<b>SC2, SC5 – SC8</b>	Not applicable to Early Works or CCP scope	-
Surface Water (SW)	<b>SW1, SW3, SW5</b>	Discharge is not anticipated during the CCP works, however, where surface water discharge does need to occur to facilitate construction activity (for example, dewatering from an excavation) it shall be discharged to meet the State Environment Protection Policy (Waters) as per the CEMP controls	Compliance throughout Early Works and to a lesser extent CCP SW aspects will be covered within CEMP and WEMPs Site environmental inspections for CCP
	<b>SW6, SW7, SW13</b>	These EPRs relate to flood risk, as the compound is adjacent to or at times, within, the Banyule Creek flood zone these EPRs apply and will be complied with, climate change effects are modelled	Compliance throughout CCP The risk from changes to flood levels, flows and velocities is managed through the Melbourne Water approval for works in waterways process and flood modelling Flood modelling has been completed for existing flood risk, this flood outline has been used to inform site layout Compound elements shall be sited with respect to flood modelling outcomes A flood emergency management plan shall be prepared prior to works. This plan will be used to inform users of the Borlase Construction Compound of the flood risks and relevant emergency procedures.
	<b>SW4, SW8 – SW10, SW12</b>	Not applicable to the CCP scope	-
	<b>SW2, SW11, SW14, SW15</b>	Not applicable to Early Works or CCP scope	-

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Sustainability and Climate Change (SCC)	<b>SCC1, SCC4, SCC5</b>	A Sustainability Management Plan will be prepared in accordance with SCC1 and will provide management procedure to comply with SCC4 and SCC5	Compliance throughout CCP SCC aspects will be covered within SuMP, CEMP and WEMPs Site environmental inspections for CCP
	<b>SCC2</b>	Greenhouse Gas emissions will be minimised through connecting the Construction Compound Plan to greens mains power rather than generators where possible	The background consultation with power utility stakeholders is being conducted to ensure the connection to greens mains power occurs as soon as possible.
	<b>SCC3</b>	Not applicable to Early Works or CCP, operational EPR.	-
Traffic and Transport (T)	<b>T2, T3</b>	Traffic shall be managed in accordance with the Transport Management Plan CPB is involved in the Transport Management Liaison Group	Compliance throughout CCP Consultation with Department of Transport and Council T aspects will be covered within TMP and WEMPs Site environmental inspections for CCP
	<b>T1, T4, T5</b>	Not applicable to Early Works or CCP, operational EPR.	-

### 6.3 Risk and impact assessment

The risk to sensitive uses has been assessed as a part of the preparation of this CCP as described earlier in Section 6.1. Based on the activities detailed in Section 5.1, the risks below have been identified with proposed controls to manage this risk. These controls have been established through the EPR Plans, CEMP and WEMPs and shall be in place prior to commencement of the construction activity to which they relate, including and applying to establishment of the construction compound.

**Table 8 - Risk Assessment - Construction Compound - Borlase Reserve**

Construction activity	Associated Impact (risk)	Controls
<b>Aboriginal Cultural Heritage (AH)</b>		
Compound establishment and operation	<ul style="list-style-type: none"> <li>Unexpected find cultural heritage</li> </ul>	<ul style="list-style-type: none"> <li>CHMP, CEMP, inductions</li> <li>Review CHMP sensitive sites – nil sites within compound area</li> </ul>
<b>Air Quality (AQ)</b>		
Haul Road & Hardstand Construction Grubbing & Clearing	<ul style="list-style-type: none"> <li>Dust generation causing physical discomfort</li> <li>Deposition on buildings and vehicles causing soiling and aesthetic impacts to sensitive uses</li> <li>Adverse impact to vegetation</li> </ul>	<ul style="list-style-type: none"> <li>EPR Plan, CEMP, WEMP, inductions</li> <li>Disturbed areas and haul roads to be treated with dust suppressants especially in high risk areas or on high risk days</li> <li>Stockpiles to be monitored, sediment fence at toe of stockpile to minimise sediment runoff. Stockpiles to be managed in accordance with the Spoil Management Plan.</li> <li>Mud tracking and dust on roads to be minimised through use of stabilized site exits such as crushed rock or rumble grids</li> <li>Traffic speed limit of 10km/h to be adhered to on site</li> <li>Staging of works to be conducted to minimise disturbed areas</li> <li>Haul Roads will be constructed on Geotextile matting and Envirocrete with dust suppressant to minimize dust,</li> </ul>

Construction activity	Associated Impact (risk)	Controls
		<p>water trucks will be used where required off haul road to work fronts</p> <ul style="list-style-type: none"> <li>Environmental Inspection Checklists to monitor risks and control measures in place</li> </ul>
<b>Arboriculture (AR) / Flora and Fauna (FF)</b>		
<p>Grubbing and Clearing</p> <p>Tree Removal</p> <p>All other works</p>	<ul style="list-style-type: none"> <li>Over clearing</li> <li>Impacts on trees</li> <li>Adverse impact to native vegetation</li> <li>Adverse impact on fauna and flora</li> </ul>	<ul style="list-style-type: none"> <li>CEMP, WEMP, inductions</li> <li>Site ecology assessment to be completed prior to any clearing</li> <li>Arborist assessment to be completed prior to any clearing</li> <li>Where possible, the exact alignment of site compound and haul road path are to be aligned and adjusted to minimise impact to trees and flora. This may result in some trees flagged to be removed in Appendix B being saved. This will occur in consultation with the project ecologist, construction team and arborist.</li> <li>All plant to remain on haul roads as much as possible to minimise damage to vegetation.</li> <li>For site operations TPZ to be established through site arborist. TPZ to be delineated with barricading as a 'no-go-zone'.</li> <li>Ecological assessment to be completed prior to works to determine any sensitive ecological areas in the works proximity, FFG sought where required</li> <li>If a threat to an animal is evident, works are to cease. Licensed fauna handlers will be contacted for fauna relocation.</li> <li>CPB internal Permit to Clear procedure</li> </ul>
<b>Spoil and soil (CL)</b>		
<p>Hydro excavation</p> <p>Fence installation</p>	<ul style="list-style-type: none"> <li>Unexpected need to excavate during establishment of compound and associated works</li> </ul>	<ul style="list-style-type: none"> <li>EPR Plan, CEMP, WEMP, inductions</li> <li>CCP works are not expected to need excavation, plan is to use geofabric with compacted crushed rock as hardstand and for haul roads</li> </ul>

Construction activity	Associated Impact (risk)	Controls
Hardstand and haul road construction		<ul style="list-style-type: none"> <li>Should excavation be required and spoil generated then it shall be managed in accordance with the CEMP and EPR Plan. Spoil to be classified and dispose as per EPA waste regulations.</li> <li>Stockpiling of soil is to occur during operation of the compound. Stockpiling of soil is to occur as per Spoil Management Plan.</li> </ul>
<b>Historical Heritage (HH)</b>		
Compound establishment and operation	<ul style="list-style-type: none"> <li>Unexpected find cultural heritage</li> </ul>	<ul style="list-style-type: none"> <li>CEMP, inductions</li> <li>Review HH sensitive sites in line with EES – nil sites within compound area</li> <li>Minimal ground disturbance - hydroexcavation of fence posts for compound fence to be undertaken</li> </ul>
<b>Landscape and visual (LV)</b>		
Compound office Operation	<ul style="list-style-type: none"> <li><b>Light spillage</b> due to early hours, night works or extended use of compound office resulting in impact on sensitive uses</li> </ul>	<ul style="list-style-type: none"> <li>WEMP, inductions</li> <li>Site induction to include detail on adhering to office hours whenever possible</li> </ul>
Compound operation (Night Works)	<ul style="list-style-type: none"> <li>Use of compound outside normal working hours resulting in impact on sensitive uses</li> <li>Impact on fauna habitat by disrupting natural light cycles</li> </ul>	<ul style="list-style-type: none"> <li>Lighting towers will be angled and placed to avoid impact on the nearby residents.</li> <li>Ecology / habitat assessment conducted to assess impact due to lighting, lighting re-arranged where required</li> </ul>
<b>Noise and Vibration (NV)</b>		
Creek crossing	<ul style="list-style-type: none"> <li>Nuisance noise</li> </ul>	<ul style="list-style-type: none"> <li>EPR Plan, CEMP, WEMP, inductions (introduction to noise limits and controls, hours of work and locations of sensitive uses so that Site Teams are aware of the aspects)</li> </ul>
Haul road and hardstand construction	<ul style="list-style-type: none"> <li>Nuisance vibration</li> <li>Structural damage</li> </ul>	
Establishment of Compound and buildings	<ul style="list-style-type: none"> <li>Community concern / complaint</li> </ul>	<ul style="list-style-type: none"> <li>Undertake construction activities within the nominated hours of work,</li> </ul>

Construction activity	Associated Impact (risk)	Controls
<p>Grubbing and Clearing</p> <p>Tree Removal</p> <p>Compound usage for Night Works</p>	<ul style="list-style-type: none"> <li>Noise impact from nightly pre-starts and general site usage for night works</li> </ul>	<p>where possible, scheduling noisy work during day time hours</p> <ul style="list-style-type: none"> <li>Noise monitoring as per CNVMP and at a frequency / location to confirm compliance with noise management levels</li> <li>Consultation undertaken with community stakeholders in accordance with the CNVMP and CCEP</li> <li>Selection of quieter plant where possible in consideration of noise impacts</li> <li>Duration of works is short and staged along the length of Borlase Street offering respite to sensitive uses</li> <li>Use noise blankets and noise barriers, as required and where practical</li> <li>Behavioural practices - toolbox training to encourage the minimisation of noisy behaviour, including, shouting or loud radios, no dropping materials from height and slamming of doors.</li> </ul>
<b>Surface Water (SW)</b>		
<p>Creek crossing</p> <p>Haul road and hardstand construction</p> <p>Establishment of Compound and buildings</p> <p>Grubbing and Clearing</p>	<ul style="list-style-type: none"> <li>Adverse impacts to water quality</li> <li>Adverse impacts to aquatic flora and fauna</li> <li>Increase or changed flood risk</li> <li>Disturbance of watercourse stability, waterway modification</li> <li>Uncontrolled release of poor quality water (turbid, high/low pH, other)</li> </ul>	<ul style="list-style-type: none"> <li>EPR Plans, CEMP, WEMP, inductions</li> <li>Monitoring water quality for baseline and construction</li> <li>Use of culvert, for creek crossing construction, to allow fauna pass</li> <li>Silt fences to control sediment runoff</li> <li>Stormwater drainage entry pits will be identified and protected</li> <li>Ecology assessment prior to works commencing</li> <li>Design to assess flood risk and mitigate impact</li> <li>Melbourne Water 'Working within Waterways' approval obtained</li> <li>CPB dewatering procedure</li> </ul>

Construction activity	Associated Impact (risk)	Controls
<b>Hazardous Materials</b>		
Establishment of Compound and buildings	<ul style="list-style-type: none"> <li>Uncontrolled release of hazardous substances from storage containers</li> <li>Hydrocarbon spills</li> </ul>	<ul style="list-style-type: none"> <li>EPR (CL5) CEMP, WEMP, inductions</li> <li>Storage and handling of hazardous substances in accordance with AS1940:2017 and Safety Data Sheet (SDS).</li> <li>Spill kits must be located near all hazardous substance storage units</li> <li>Refuelling must not occur within 30m of a waterway (without appropriate controls in place).</li> </ul>
<b>Waste Management</b>		
Works leading to the generation of waste – crib rooms, office, packaging from deliveries	<ul style="list-style-type: none"> <li>Incorrect management of waste leading to incorrect disposal</li> </ul>	<ul style="list-style-type: none"> <li>CEMP, WEMP, inductions</li> <li>All wastes to be classified, stored, tracked, transported and treated in accordance with contractual and regulatory requirements, including the use of licensed transporters and treatment facilities where relevant</li> <li>Suitable and sufficient receptacles (bins, skips, tanks, etc) provided at work areas to facilitate correct segregation of waste. All receptacles to be labelled and used correctly to avoid contamination</li> </ul>
<b>Community impact</b>		
All works	<ul style="list-style-type: none"> <li>Nuisance noise</li> <li>Light spill impacting sensitive uses during night shift</li> <li>Traffic impacts, limited access</li> <li>Excessive dust generation impacting on sensitive uses</li> </ul>	<ul style="list-style-type: none"> <li>EPR Plans, CEMP, WEMP, inductions</li> <li>Carpark – located close to Greensborough Road rather than near Borlase Street to minimise noise impacts from vehicle movements. The background noise levels at Greensborough Road are inherently higher than at Borlase Street, locating the carpark a significant distance from Borlase Street minimises noise impacts to sensitive uses.</li> <li>Traffic will be managed as per the TMP</li> <li>Where possible, the Compound will only be used for Day Works.</li> <li>Lights will be directed to minimise impact to meet EPR LV3</li> </ul>



Construction activity	Associated Impact (risk)	Controls
		<ul style="list-style-type: none"> <li>Dust controls as per above</li> </ul>

## 6.5 Environmental or Community Sensitivities

From the environmental risk and EPR compliance assessment above some aspects of the compound have specific environmental and / or Community sensitivities. These sensitivities and their risks and controls are discussed further below. These sensitivities, specifically, flood risk, traffic impact and tree impacts, are highlighted because they are bespoke to the Borlase Reserve Compound and additional mitigations and controls outside the standard CPB Environmental Management System may be required to manage these risks.

### 6.5.1 Flood Modelling appropriateness

It has been highlighted through the design process that Borlase Reserve is subject to flooding primarily from the Banyule Creek and incoming drainage from Greensborough Rd Drainage Network.

As part of the design, flood modelling of the existing flooding scenario has been undertaken. During planning for site set out and compound placement, CPB reviewed the 1-in-5, 1-in-10, 1-in-20 and 1-in-100-year flood mapping and sited the site compound elements accordingly, where possible elements were located outside flood prone areas, for example, stockpiles are to be sited outside flood risk areas to prevent sediment runoff. Competing factors (impacts) such as traffic, loss of trees or other environmental factors are also considered when siting the compound. Consequently the compound was located taking these aspects into account.

The selected location for the compound is considered appropriate with respect to flood risk, as the depth is not excessive and the risks can be managed as describe below.

In addition to avoiding certain compound elements being sited within flood zones, to minimise inundation risk, the site compound buildings will be required to be elevated above flood levels. This will be achieved by creating a hardstand under the compound and setting the compound up on 600mm concrete blocks. The height of these blocks have been selected to cater for a 1-in-100 year flood. A factor in the compound being in the illustrated location was to aid in facilitation of adequate space for utility asset alignments, construction vehicle movement, material laydown, material stockpile locations out of the flood zone as much as possible to facilitate the works and to maintain distance between traffic movements and sensitive uses, which were all competing considerations in the compound siting.

Other than the Banyule Creek alignment and Greensborough Road drainage system, the other infrastructure to be installed is not within the flood zone.

As part of the compound establishment, two temporary waterway crossings shall be established for access. The crossings will be installed for works and then removed on completion of the works. As part of these works, consultation with Melbourne Water is required under the Water Act. Melbourne Water's procedure requires that flood modelling is undertaken for the designed crossings assessing the potential impact to flood plain capacity and flows. The outcomes of the additional flood modelling will impact on the culvert sizing that is used for the creek crossings. This will ensure that the creek crossing is designed in a way to not increase flooding risk of the greater Borlase Area.

A flood emergency management plan shall be prepared and verified by the IEA prior to construction commencing. This Flood Management Plan will be used to inform users of the Borlase Construction Compound of the flood risks and relevant emergency procedures.

### 6.5.2 Traffic

Specific Traffic Management Plans have been developed in accordance with the Transport Management Plan (TMP) to address movement of all modes of transport including cycle and pedestrians, around and within the project site compound. The two entry and exit points for the compound are via Drysdale Street. Drysdale Street was selected for the following reasons:

- The traffic impact and volumes on Drysdale Street are minimal when compared to Lower Plenty Road or Greensborough Highway.
- Borlase Street has several residential homes. Therefore, to reduce impact on the community construction vehicles will not be using Borlase Street.

If access to the construction site is required throughout the works via other alternatives (Lower Plenty Road or Greensborough Highway), appropriate traffic controls will be implemented as per the project Traffic Management Plan. Traffic controllers will be used to assist access to and from the site.

Measures to redirect pedestrian and cyclist movements are needed to allow for safe access around the construction work site. The cyclist and pedestrian pathway on the west of Borlase Reserve will be impacted by the site compound setup. Impacts on local pedestrian traffic will be minimised through detours with appropriate way-finding signage. Pedestrian and cyclists will be managed via localized detours onto the west side of Greensborough Highway.

CPB will prepare a Transport Management Plan (TMP) for the Early Works Package which shall be verified by the IEA, in addition traffic management plans will be prepared for specific locations. Consultation will be undertaken with Department of Transport and Banyule Council will approve the TMP under the Road Management Act.

### **6.5.3 Tree impact assessment**

Several trees will be required to be removed within the footprint of the compound to facilitate works. A tree removal plan is provided within Appendix B. This plan has been developed to ensure that tree removal has been minimised where reasonably possible for the site compound setup. The plan in Appendix B is the foreseeable likely case of removal, this may vary with a change in site conditions and therefore additional trees may be removed or avoided.

Prior to any tree removal works an ecological and arborist assessment of Borlase Reserve is to be undertaken and records to be taken of proposed removals. All tree removals are to be approved by NELP and DELWP. Coordination of tree removal will be undertaken between the site works team, Project Environmental Representative and a qualified arborist to ensure that tree removal is minimised during the site compound setup works. The tree removal plan in Appendix B is the worst-case tree removal situation for the Borlase Reserve Construction Compound setup, the ecological and arborist assessments will be completed to ensure tree removal is minimised.

All trees that will remain in Borlase Reserve will be protected by temporary fencing in accordance with EPR AR2, CEMP and WEMP. Signage will be posted to ensure that no incursions into the Tree Protection Zones (TPZ) occurs. TPZ will be installed in accordance with AS 4970-2009 Protection of trees on development sites.

Records will be maintained for any removals in order to meet EPR AR1.

## 7. Site Demobilisation and Restoration

The site compound, haul roads and Creek crossings will all be placed on BIDIM A44 geotextile matting to assist in segregation of construction materials from existing land materials. All materials used in the establishment of the compound will be removed as per section 5.2 when the compound is no longer required. Options to reuse recycle or dispose of used material will be considered during demobilization of the compound.

The site will be reinstated to previous condition, or if directed by the NELP to undertake further works to prepare the site for the next stage then this will be undertaken.

## 8. Communication Strategy

### 8.1 Community Consultation

As per the Construction Community Engagement Plan (CCEP), there has been significant consultation with residents surrounding the proposed construction compound. In addition, a “Minimising Disruption on Borlase Street” document was developed by the Construction Team to ensure that the works will be scheduled and implemented to minimise impacts on the community.

Consultation:

- A community information session was held for residents of Borlase Street on 11/12/2019 at Watsonia Hub.
- A subsequent indicative construction schedule for these works was sent to all residents who attended the meeting.
- A presentation was developed which included details of this site compound and is being presented in individual briefings to community members who reside on Borlase Street from 10 February 2020. All residents were offered this briefing and it includes details of the site compound location and layout.
- A door-knock of all residents surrounding the works occurred on 12/02/2020.
- Two pop up sessions were held in Borlase Reserve (26/2/2020 and 29/2/2020) to advise residents of the works, including the site compound layout and set up. Two further community pop ups were held at Watsonia Hub on 11/3 and 14/3 to provide further information.
- All residents on Borlase Street (south of Drysdale Street) have been offered a number of options in relation to relocation (in recognition of the proposed location of the site compound).

### 8.2 Contact Numbers

**Community number:** 1800 105 105

**CPB Stakeholder & Community Engagement Manager - NELP (EW):** 0430 156 409

### 8.3 Complaints Management

As per the Communication and Community Engagement Management Plan (CCEP), community complaints will be managed as detailed in the table below and in adherence to EPREMF4:

**Table 9 - Enquiries and complaints**

Expectations	How we will meet the Expectations (minimum requirements)	Responsible Person Key Contributor	Deliverables
Procedures are established for effectively dealing with community enquiries and complaints as per EPR EMF4.	<b>CPB Contractors Enquiry and Complaints Procedures</b> In accordance with AS/NZS 10002-2014 <i>Guidelines for complaint management in organisations</i> , and in adherence to EPR EMF4, the complaint management system ensures guidelines are in place for the effective and consistent handling of complaints related to the operations of our projects. This process is not applicable to disputes referred for resolution under contractual arrangements or for employment-related disputes. Resolving complaints at the earliest opportunity in a way that respects and values the person's feedback, can be one of the most important factors in recovering the person's	<b>Stakeholder and Community Engagement Manager</b>  Stakeholder and Community Engagement team  Functional Manager(s)	Complete

Expectations	How we will meet the Expectations (minimum requirements)	Responsible Person Key Contributor	Deliverables
	<p>confidence about our organisation and the services we provide. It can also help prevent further escalation of the complaint. A responsive, efficient, effective and fair complaint management system can assist an organisation to achieve this.</p> <p>The system applies to all staff receiving or managing complaints from the public made to or about us, regarding our services, staff and complaint handling.</p>		
1.1 Enquiries and complaints are recorded, acknowledged and resolved in a timely manner as per EPR EMF4.	<p><b>Project Enquiries and Complaints</b>  Consultation Manager will be used as the register for all complaints and enquiries. At a minimum the following information will be recorded:</p> <ul style="list-style-type: none"> <li>■ Interactions via the project number</li> <li>■ Interactions via the project email address</li> <li>■ Interactions received via the project webpage</li> <li>■ Interactions in person</li> <li>■ Interactions via all other means.</li> </ul> <p>CPB Contractors will</p> <ul style="list-style-type: none"> <li>■ resolve all complaints, enquiries or contacts where they refer to an issue directly related to the works</li> <li>■ adhere to the agreed escalation process</li> <li>■ notify the PM immediately (for a complaint) or within 24 hours (for all other classifications) if the complaint, enquiry or contact cannot be resolved or if not directly relevant to the works.</li> </ul> <p>All information Captured will be managed in accordance with privacy policies.  Complaints and enquiries will be incorporated into monthly reporting and used to identify current and emerging issues that require action.  Outstanding enquiries and issues will be discussed at weekly project team meetings.</p> <p>As per the PSR, all complaints will include:</p> <ol style="list-style-type: none"> <li>(1) names (where provided);</li> <li>(2) contact details (where provided);</li> <li>(3) time and date of enquiry;</li> <li>(4) nature of enquiry; and</li> <li>(5) response provided;</li> </ol> <p>The EW's team will notify the State within 2 hours of receiving or becoming aware of any:</p> <ol style="list-style-type: none"> <li>(1) significant community and Stakeholder issues related to the Works (including issues that will likely lead to media attention and safety matters);</li> <li>(2) enquiries that may impact the projects reputation or community confidence;</li> <li>(3) complaints received, including the information collected on the Consultation</li> </ol>	<p><b>Stakeholder and Community Engagement Manager</b></p> <p>Stakeholder and Community Engagement team</p> <p>Functional Manager(s)</p>	<p>NELP enquiry and complaints procedures adhered to. Monthly report of all enquiries and complaints. Maintain all correspondence in Consultation Manager</p>

Expectations	How we will meet the Expectations (minimum requirements)	Responsible Person Key Contributor	Deliverables
	<p>Manager Stakeholder Management Database as set out in section 11.6(b), as well as:</p> <p>(A) the location to which the complaint relates; and</p> <p>(B) the method of contact; and</p> <p>(d) comply at all times with the North East Link Privacy Policy and any associated policies and notify the State immediately of any suspected breaches of privacy or Personal Information held by the State or the Managing Contractor.</p>		

## 9. CPB Contractors Management System

### 9.1.1 Environmental Management System (EMS)

The CPB Environmental Management System (EMS) for the NEL EW is based on the requirements of the CPB Management System and has been specifically tailored to ensure compliance with NEL Early Works additional Environmental requirements. Further detail on the elements below is available in the CEMP, briefly in regards to the CPB EMS;

The CPB Contractors management system is certified to conform to:

- AS/NZS ISO 14001:2015 Environmental management systems – Requirements with guidance for use.

The CPB Management System has been developed and implemented to ensure a consistent approach to project delivery. The management system comprises the following components:

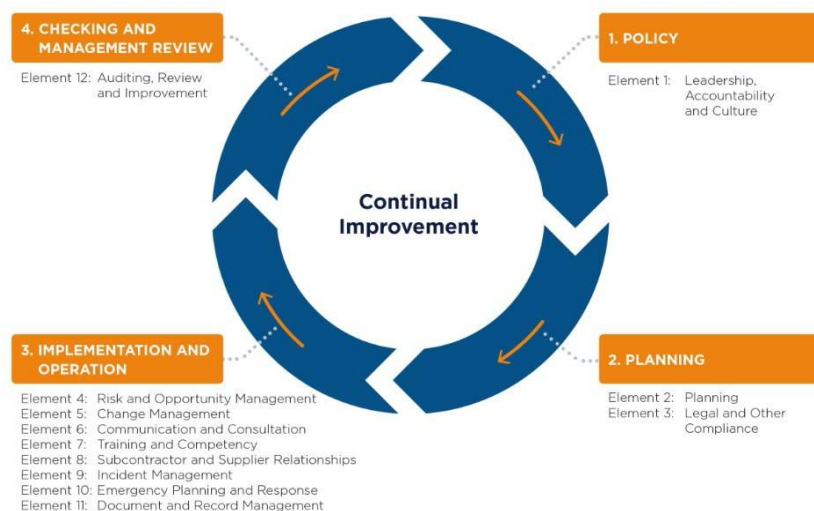
- Policy, Project Management Plan, Procedures and Work Instruction,
- Tools are preformatted documents such as forms and templates that are required to be completed as part of a Procedure.
- Knowledge documents are reference material to provide context, additional information or guidance to a Policy or Procedure.
- Business Applications are the software tools used to manage our business and support our operations.

Refer to Figure 9 showing NELP and CPB documents for Early Works.

### 9.1.2 Improvement

In addition to specifying the day-to-day environmental management of a project, each CCP details activities to be performed to deliver continual improvement in environmental performance.

Continual improvement is achieved through constant measurement and evaluation, audit and review of the effectiveness of the CCP and adjustment and improvement, project environmental outcomes, and CPB Contractors EMS.



**Figure 8: Continual Improvement Mechanism**



### 9.1.3 CEMP

A Construction Environmental Management Plan (NEL-EW-CPB-1990-EEE-PLN-0001) has been prepared to manage the environmental risks from construction activities related to the North-East Link Early Works Package. All works within this CCP shall be undertaken in accordance with this plan.

### 9.1.4 WEMP

A Worksite Environmental Management Plan shall be prepared for the construction activities to take place within the Borlase Reserve, Borlase Street, Melbourne Water Pipetrack, Greensborough Road and Lower Plenty Road.

### 9.1.5 Review of CCP

As per clause 4.12.4 of the Incorporated Document a CCP may be amended from time to time, to the satisfaction of the Minister for Planning.

Review of this plan will be conducted as required, when directed by the State or when activities, construction methodology or site occurrence such as incidents require an update.

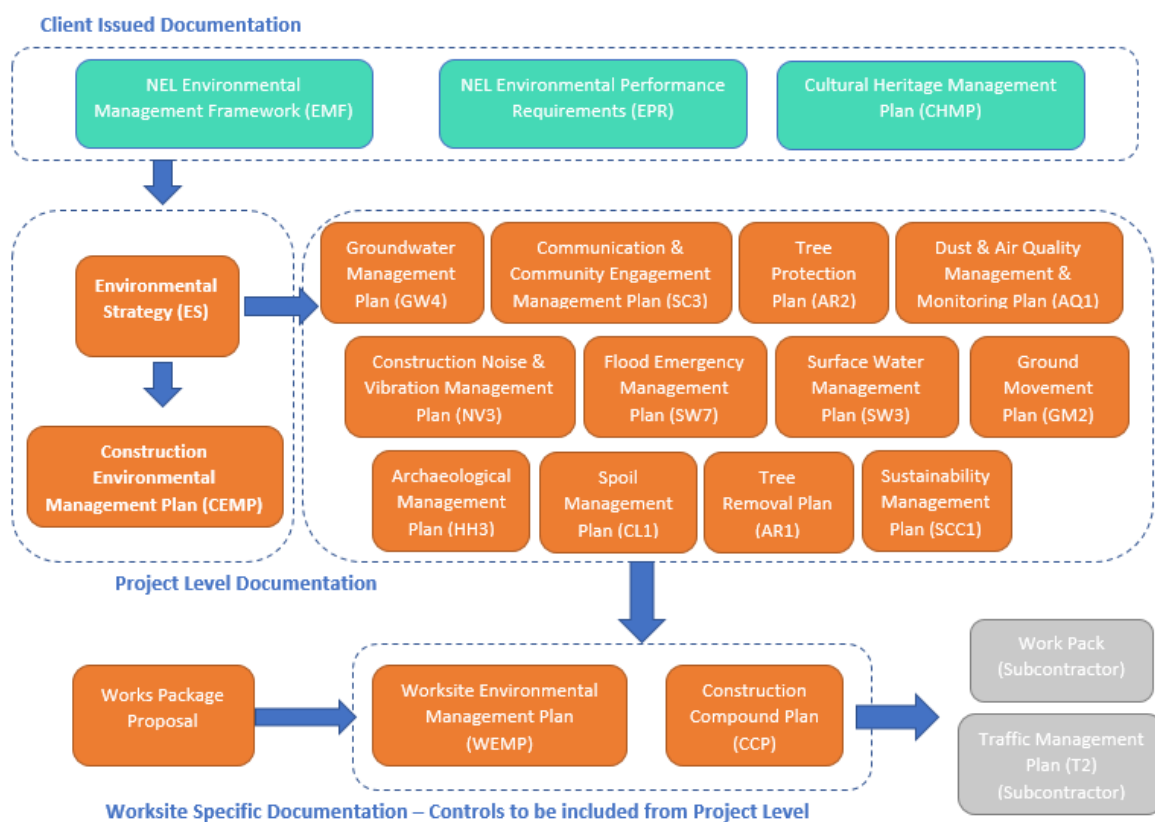


Figure 9 : NELP and CPB Documents

## Appendix A: IEA Verification Statement

This Plan will be issued to the IEA for review and verification after NELP review and update of Plan to address NELP comments. Therefore, the IEA Verification Statement cannot be provided yet. This will be included in this plan post IEA verification.



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PROJECTS

**NELEW IEA Review and  
Verification Audit:  
Construction Compound  
Plan (CCP) Primary Zone:  
Borlase Reserve Site  
Compound (RevD)**

15 April 2020

—  
**NELP and CPB Contractors  
Pty Ltd**

**VERIFICATION  
STATEMENT AND  
REVIEW REPORT**

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Corporation





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### Document title

NELEW IEA Review and Verification Audit:  
Construction Compound Plan (CCP) Primary  
Zone: Borlase Reserve Site Compound (Rev D)

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### Version

1.0

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### Date

April 2020

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### Prepared by

[Redacted]

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### Approved by

[Redacted]

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File name: NP18124 NELEW IEA Verification  
Statement and Review Report – CCP Borlase  
Reserve Rev D 150420

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# NELEW IEA Review and Verification Audit: Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound



## 1. Introduction

Nation Partners Pty Ltd (Nation Partners) is the Independent Environmental Auditor (IEA) for the North East Link (NEL) Early Works (EW), pursuant to the Environmental Management Framework (EMF) approved by the Minister for Planning, working with the North East Link Project (NELP) and the Managing Contractor for the NEL EW, CPB Contractors Pty Limited (CPB).

This IEA Verification Statement and Review Report is associated with the Review and Verification Audit of CPB's Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound (NEL-EW-CPB-1990-EPA-PLN-0001\_RevD), dated 9 April 2020, and provides the:

- Verification Statement;
- Scope and approach used by the IEA in undertaking its review of the environmental management document; and,
- IEA review findings.

## 2. Verification Statement

Nation Partners Pty Ltd, in its capacity as Independent Environmental Auditor (IEA) for the North East Link (NEL) Early Works (EW), pursuant to the Environmental Management Framework (EMF) approved by the Minister for Planning, verifies that CPB Contractors Pty Ltd's (CPB) Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound (Document #: NEL-EW-CPB-1990-EPA-PLN-0001; Revision: D; Dated: 9 April 2020) complies with the Project contract including the EMF and Environmental Performance Requirements (EPRs), conditions of Project approvals, and is in general accordance with the approved Urban Design Strategy (as applicable to the verified document). A number of typographical errors remain within the document, although these are not considered to be material in the overall context of the document.

### 3. Review Scope and Approach

Review of the Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound considered requirements of the following compliance framework:

- North East Link Project Incorporated Document (December 2019);
- Environmental Management Framework (EMF);
- Environmental Performance Requirements (EPRs), Version 6; and,
- Project contract (Project Scope and Requirements (PSR), August 2019).

The approach undertaken for the Review and Verification Audit of the Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound comprised:

- First version of the document submitted to the IEA:
  - Review of the document considering whether those compliance framework requirements addressed in the document had been addressed adequately, including taking into account technical adequacy and effectiveness of actions proposed to comply with the EMF and EPRs; and,
  - Undertake a cross-check of the document against the compliance framework requirements to identify conditions that had: either not been addressed; or were not considered to have been adequately addressed within the document.
- Subsequent versions of the document submitted to the IEA:
  - Review of the document considering whether findings/comments from the previous IEA review and compliance framework requirements had been addressed adequately in the latest version of the document, including taking into account technical adequacy and effectiveness of actions proposed to comply with the EMF and EPRs.
- Findings arising from review of each revision of the document were represented as comments provided directly onto the PDF copy of the document (refer to Section 4 and Appendix A).
- Findings/comments arising from review of each revision of the document were subsequently returned to CPB to be addressed accordingly.
- Provision of this report, including the Verification Statement, once the findings/comments were considered by the IEA to have been adequately addressed by CPB.

Details of the Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound revisions subject to the Review and Verification Audit are provided in Table 3.1.

**Table 3.1: Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound revisions subject to IEA Review and Verification Audit**

Revision	Remarks/scope of document	Date submitted by CPB to IEA	Date IEA review findings/ comments provided to CPB	Date verified by IEA
C	Initial document submitted to IEA. Construction compound plan for Borlase Reserve	30/03/20	4/4/20	Not verified
D	Revised following IEA findings/comments on Rev C	09/04/20	15/04/20	15/04/20



## 4. IEA Review Findings

Findings/comments on the Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound were made directly onto the PDF copy of the document (refer to Appendix A for IEA Review and Verification Audit findings/comments).

While Rev D of the Construction Compound Plan (CCP) Primary Zone: Borlase Reserve Site Compound has been verified as complying with the Project contract, a number of typographical errors remain within the document (e.g. in Table 6 the word 'exasperated' is used rather than 'exacerbated'; Table 7, EMF4 includes 'complains' rather than 'complaints' management system, and AS/NZS 100002:2014 rather than AS/NZS 10002:2014). These errors are not considered to be material in the overall context of the document.

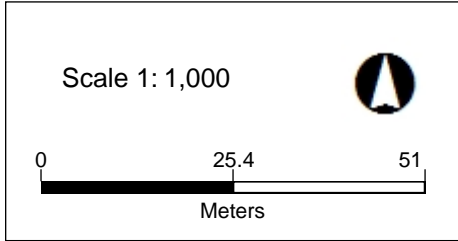
## Appendix B: Tree Impact Plan





LEGEND

-  Site Fencing
-  Tree
-  Projected Tree Removal
-  Tree Protection Zone



FOR INFORMATION ONLY				GIS OUTPUT			
This map is a user generated static output from the CIMIC Group Web GIS tool and is for reference only. Data layers that appear on this map may or may not be accurate, current or otherwise reliable.				NOT USED FOR CONSTRUCTION			
Original Size	A3	Coordinate System	MGA55	Drawn		Approved	
Height Datum	AHD			Date Printed	8-Apr-2020		



CPB Contractors

**Appendix B - Tree Impact Plan**

Trees labelled to be removed to be assessed by arborist, ecologist and site supervisor to determine if there are ways to avoid and minimise removal.