

# Construction Compound Plan (CCP)

## Eastern Zone: WP9 Scope Site Compound – MWC & YVW works – Carron Street, Balwyn North

Site Amenities & Temporary Works required to facilitate the Early Works MWC & YVW Water Main Relocation scope

### North East Link Early Works

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Revision date:	01/10/2020
Revision:	E

### Document Approval

Rev.	Date	Prepared by	Reviewed by	Approved by	Remarks
A	17/07/2020				Issue to NELP & IEA for review
B	25/08/2020				Issue to NELP & IEA for review
C	18/09/2020				Boroondara council consultation comments incorporated
D	25/09/2020				DELWP comments incorporated. Figure 3 updated to include alternate access options off Carron St.
E	01/10/2020				Rev D IEA Verification included in Appendix B


**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            61

  
 SIGNED.....for  
                                  **MINISTER FOR PLANNING**

DATE.....11.11.2020.....

## 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	Issue to NELP & IEA for review
B	Issue to NELP & IEA for review
C	Boroondara council consultation comments incorporated
D	DELWP comments incorporated. Figure 3 updated to include alternate access options off Carron St.
E	Rev D IEA Verification included in Appendix B

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## Definitions

Condition Report	A report completed prior to occupancy which involves a visual assessment of the Construction Compound area highlighting any constructional and cosmetic fabric defects. As agreed with CPB and NELP, the Condition Report must be completed and agreed with Council prior to sign off by all parties.
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 EMF.
Construction Compound	Long term compounds, including buildings for office, crib (meals), ablutions and washing facilities located within fixed a boundary.
Construction Site	Short term construction works areas or construction fronts including temporary storage/laydown areas that are to be undertaken throughout the Early Works
Early Works	CPB Contractors has been appointed Managing Contractor of the Early Works for the North East Link Project, The Early Works comprises the design development and potential modification, relocation and/or protection of 96 utility services.
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 <i>Environment Effects Act 1978</i> .
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	GC98 - The delivery of the Project is facilitated by the Incorporated Document under the Banyule, Boroondara, Manningham, Whitehorse, Whittlesea and Yarra Planning Schemes 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.
North East Link Project (NELP)	North East Link Project is an organisation 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.
Stakeholders	Stakeholders as specifically identified under Clause 4.5.5 (b-c) of the Incorporated Document. This includes relevant Councils, affected utility service providers, Roads Corporation and Melbourne Water.
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.
Sensitive Receptor	Sensitive receptors as per relevant statutory guidelines, including homes, schools, universities and hospitals, or places where a person's regular daily life might be affected by amenity

	impacts as a consequence of the Project. Sensitive receptors do not include public open space or places of work.
Eastern Package	North East Link Project (NELP) is divided into various packages of works. Within this CCP document the 'Eastern Package' refers mainly to the Eastern Freeway modification works for the construction of the NELP Project.
Unavoidable works	Unavoidable works are defined in EPR NV3 and must be verified by the IEA as such for each instance they are undertaken. - unavoidable works may result in noise from construction works during weekend/evening work hours and the night period which do not meet the guideline targets in EPR NV3

## Abbreviations and Acronyms

CPB	CPB Contractors
CEMP	Construction Environmental Management Plan
CCEP	Communication and Community Engagement Plan
CC	Construction Compound
CCP	Construction Compound Plan
CNVMP	Construction Noise and Vibration Management Plan
DELWP	Department of Environment, Land, Water & Planning
EMF	Environmental Management Framework
EMS	Environmental Management System
EPA	Environment Protection Authority Victoria
EPR	Environmental Performance Requirement
FFG	Flora and Fauna Guarantee Act 1998 (Vic)
IEA	Independent Environmental Auditor
MWC	Melbourne Water Corporation
NEL	North East Link
NEL EW	North East Link Early Works
NELP	North East Link Project
NML	Noise Management Level
PSA	Planning Scheme Amendment
TPZ	Tree Protection Zone
UDS	Urban Design Strategy
YVW	Yarra Valley Water

## 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 Melbourne Water Corporation (MWC) and Yarra Valley Water (YVW) Construction Compound (CC).

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 that will support the MWC & YVW works as part of the Early Works package of the North East Link Project.

This Plan is prepared to cover the works for the MWC & YVW Construction Compound to be located at Carron Street, Balwyn North.

### 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 is to be undertaken to facilitate the relocation / protection of utility services to help minimise disruption during delivery of the North East Link Project.

The Early Works comprises the design development and potential modification, relocation and/or protection of 96 Utility Services which shall be impacted by, or are in close proximity to the NEL Project (**Primary Package**). The scope also includes procurement of an Independent Environmental Auditor (**IEA**).

The Early Works have been split into geographic zones northern, primary north, primary south and eastern. Locations of all Early Works compounds have not yet been fully finalised, the currently proposed locations are shown in Table 1.

**Table 1: Work Zones - Early Works Package**

Zones	Description	Construction Compounds
1. Northern	M80 Ring Road to Somers Ave (including Greensborough Bypass)	To be confirmed
2. Primary North	Lower Plenty Road to Somers Avenue	Borlase Reserve, Yallambie Simpson Barracks, Greensborough Rd
3. Primary South	Eastern Freeway Road Reserve to Greenaway Street	Greenaway Street Construction Compound, Bulleen Trinity Grammar Sports Complex Construction Compound, Bulleen
4. Eastern	Hoddle Street to Springvale Road	Carron St, Balwyn North (this plan) Church Rd, Doncaster Other Construction Compounds to be confirmed

The following list outlines the Early Works scope:

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 – YEMS
- Water mains replacement under the Eastern Freeway at Balwyn North at Koonung Creek
- 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 Eastern Freeway near Elgar Road
- 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.

## 2. NEL Approvals

### 2.1 Primary Approvals and Incorporated Document requirements

NELP has obtained all Primary Approvals for the North East Link Project. Primary approvals apply to the Early Works. Primary approvals include; Planning approval under the Planning and Environment Act (Vic, 1987), approval of a Cultural Heritage Management Plan under the Aboriginal Heritage Act (Vic, 2006), approval for works on Commonwealth land under the Environment Protection and Biodiversity Conservation Act (Cth, 1999)

Planning approval for the NEL Project is facilitated through a 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 Project, subject to specific controls set out in the North East Link Project Incorporated Document which 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 North East Link 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 the works are located within the project boundary, and comply with the conditions of the Incorporated Document.

The following conditions of the Incorporated Document are being met through the development of this Plan:

- CCP to be prepared in accordance with the requirements of clause 4.12 of the Incorporated Document
- Preparation of CCP to the satisfaction of the Minister for Planning
- On IEA verification and Minister for Planning acceptance of this Plan, presentation of the current version on a clearly identifiable Project website.

### 2.2 Secondary Approvals in relation to the MWC & YVW Construction Compound package

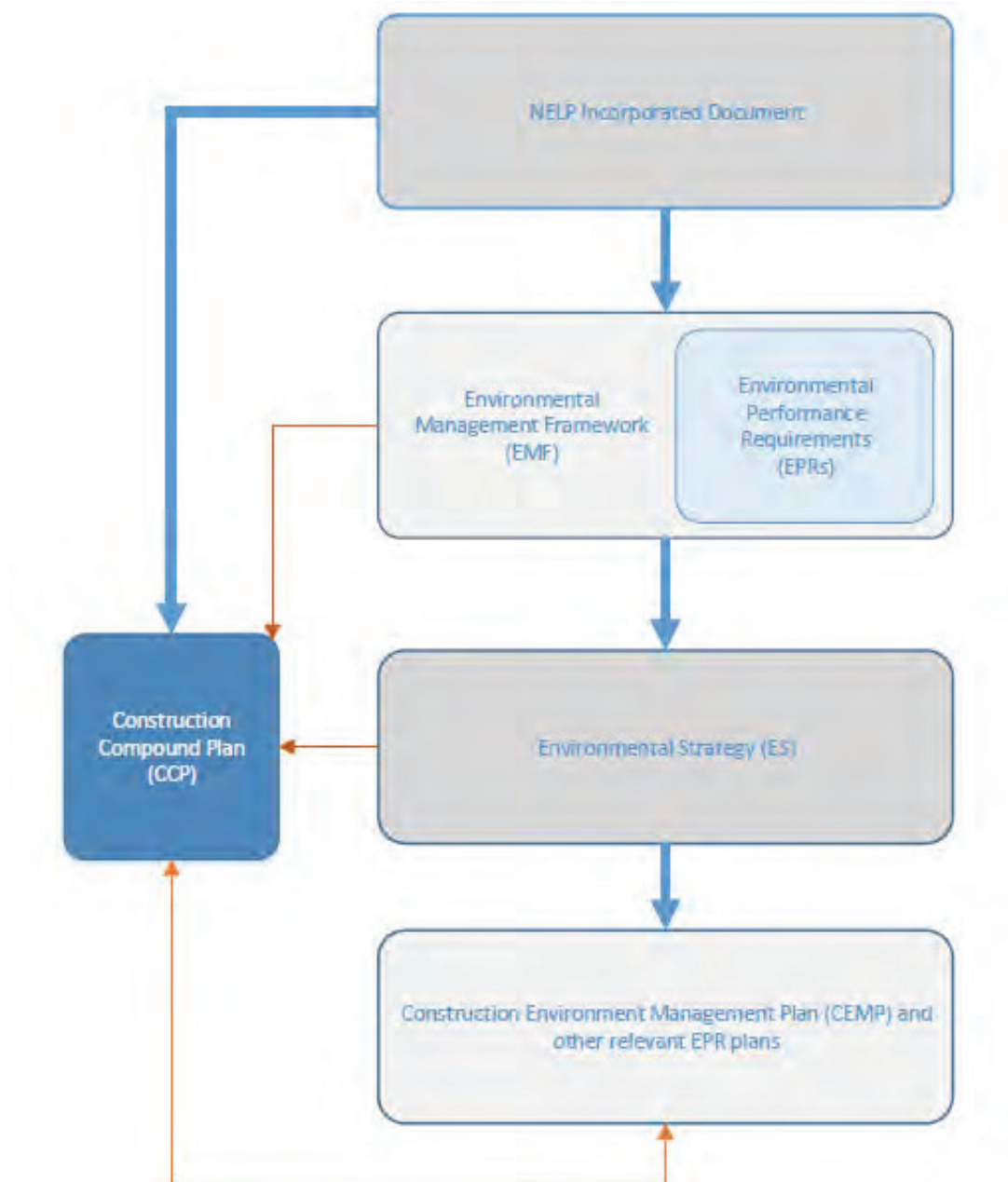
Table 2 details the requirements of all relevant Secondary Approvals that may be required for the Compound. The relevant approvals will be obtained progressively as they are required relative to the works.

**Table 2: Secondary Approvals**

Legislation	Responsible Authority	Approval	Purpose/Location
<i>Wildlife Act 1975</i>	DELWP	Management Authorisation for the salvage and handling of fauna	In the event that works will require the salvage, handling, removal or destruction of wildlife
<i>Road Management Act 2004</i>	City of Boroondara	Working within a road reserve permit	Local streets associated with the works
<i>Road Management Act 2004</i>	VicRoads	Working within a road reserve permit	Eastern Freeway
<i>Victorian Planning Provisions – Boroondara Planning Scheme</i>	DELWP	Removal of native vegetation (to be confirmed based on findings from arborist/ecologist assessment)	Works outside the project boundary on project land to obtain access to land within project boundary
<i>Victorian Planning Provisions – Boroondara Planning Scheme</i>	DELWP	Road and/or footpath occupancy permit	Required for storage of equipment or to carry out construction activities on Council land

## 2.3 EMF and EPRs

Figure 1 below illustrates the planning and environment approvals context for this Plan. This Plan 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 1: CCP Planning and approvals context**

### 2.3.1 Environmental Management Framework (EMF)

The NEL Project was declared 'Public Works' under the Environment Effects Act 1978 (Vic), requiring NEL to prepare an Environment Effects Statement (EES) for assessment by the Minister for Planning. The EES includes an Environmental Management Framework (EMF) with Environmental Performance Requirements (EPRs), which apply to all works within the project boundary. 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.

### 2.3.2 Environmental Strategy and Risk Assessment

The Environmental Strategy states how the Environmental Management Framework (EMF) including EPRs, and the findings of the Environmental Risk Assessment and Environmental Risk Management Strategy will be implemented through the delivery of Early Works and incorporated into the Construction Environmental Management Plan (**CEMP**) and other management documents (e.g. Worksite Environmental Managements Plans, EPR Plans and Urban Design and Landscape Plans.

The purpose of the Environmental Strategy, specifically in relation to this Plan, 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
- An overview of the management documents that will be prepared to support the implementation of this Plan and other environmental documentation

### 2.4 Independent Environmental Auditor (IEA)

EPR EMF3 'Audit and report on environmental compliance' requires that an Independent Environmental Auditor (**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 includes the verification of 'Unavoidable Works'. Unavoidable works are defined in EPR NV3 and must be verified by the IEA as such for each instance they are undertaken. Unavoidable Works include activities in which the noise from construction during weekend, evening work hours and or the night period do not meet the noise guideline targets in EPR NV3. The Early Works Unavoidable Works procedure is included within the Construction Noise and Vibration Management Plan.

Appendix B contains the IEA verification for this Plan.

### 2.5 UDS

The Incorporated Document requires NELP to implement an approved Urban Design Strategy (**UDS**), including urban design framework plans. 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 Compound described within this Plan meets the definition of preparatory buildings and works in the Incorporated Document (Clause 4.13.1) and therefore the UDS does not apply.

## 2.6 Compliance with the Incorporated Document

Clause 4.12 of the Incorporated Document outlines requirements for CCPs, including content requirements. These requirements are summarised in Table 3, 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 Plan has been informed by the Early Works Environmental Strategy and requirements of the EPRs as described in Section 2.3.

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

Whereas, a Construction Site, 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: Incorporated Document - relevant clauses for this Plan**

Document Reference	Content requirements	Where addressed
4.12.1	Prior to the use and development of any construction compound, a CCP 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 3
4.12.2 b)	The estimated duration of activity within each compound.	Section 3.6
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.	Section 3.4
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 4.1 Section 4.2 Section 4.3 Section 3.4
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 4.4.3
4.12.2 f)	Measures to restore the former use of the land used for construction once these activities are complete.	Section 5
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 7.1.5
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 Section 3 Section 4 Appendix A

### 3. Carron Street Construction Compound






This Plan describes the Compound that will be established to support the MWC & YVW scope of works. The Construction Compound described in this plan is located off Carron Street, Balwyn North.

In general, the construction compound will feature the establishment of a site staff office, site amenities for the construction team and subcontractors, storage of plant, equipment and laydown for construction materials. The overarching location of the construction compound in relation to the MWC & YVW works alignment, environmental features and businesses is shown in **Figure 2**.





LEGEND	
	Park Lands
	School
	Shopping Facilities

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Status																													
GIS OUTPUT																													
NOT USED FOR CONSTRUCTION																													
Original Size	A3	Drawn																											
Coordinate System	 MGA55	Approved																											
Height Datum	AHD	Date Printed	16-Jul-2020																										

### 3.1 Description of Site

Carron Street Construction Compound is located in a residential area at Carron Street, Balwyn North, off the Eastern Freeway. The area that CPB will occupy is highlighted in Figure 3 and is located within the Koonung Creek Reserve. The site is bordered by Carron Street, Eastern Freeway, and parkland.

The municipality that the land is situated on is Boroondara City Council. The site is parkland within the Project Boundary which will be temporarily occupied by the Early Works, however access to the Construction Compound off Carron Street is outside the Project Boundary (red line). Working hours and compound operation are detailed in Section 3.7. The Carron Street site compound does not lie within a floodplain, based upon review of VicPlan flood overlay maps.





Issue

A

Description

FOR INFORMATION

Date

Approved

Scale 1: 1,143

58029.058 Meters

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CPB CONTRACTORS

Figure 3: Carron Street Construction Compound

STATUS

NOT TO BE USED FOR CONSTRUCTION

Original Size

A3

Coordinate System

MGDA55

Height Datum

AHD

Drawn

Designed

Date Printed

4-Jun-2020

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### 3.2 Detailed Site Plan

The site plan can be observed in Figure 4. The site plan will feature office spaces and carparks for CPB and subcontractor staff. The Construction Compound may also require storage for permanent and temporary materials, and plant and equipment required to complete the work.

The Carron Street Construction Compound will be restricted to the area as per Figure 3. Fencing will be installed to delineate the worksite and the construction compound. The MWC & YVW work scope will feature an excavation shaft adjacent Estelle St on the north side of the Eastern Freeway. As a result, the compound establishment will include access to this site. Note that the work site area in Figure 3 is indicative only and subject to change, work site extents will be addressed in the Worksite Environmental Management Plan. Potential access route to the Carron St Construction Compound is outlined in Figure 3 above.



- Legend
- Construction Compound area
  - 12mx3m portable buildings
  - 9mx3m portable building
  - Water tank
  - Car parking
  - Work area
  - Access to work area
  - Access to CC
  - Park user access
  - Perimeter fencing (location to be agreed with Council)



Note that work site area is indicative only and extents will be addressed in the WEMP

Issue		Description	Date	Approved
A		FOR INFORMATION		
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29				
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Status		GIS OUTPUT		
NOT TO BE USED FOR CONSTRUCTION				
Original Size	A3	Drawn		
Coordinate System	MGAS5	Designed		
Height Datum	AHD	Date Printed	19-Aug-2020	



CPB Contractors

Figure 4: Carron Street Construction Compound site map



Note: Exact location of carpark, site compound and laydown area are subject to minor (i.e. does not result in any increase to environmental risk) layout changes within the area. These changes will be based on subcontractor preferences in optimising of the layout. All minor changes will be in accordance with Section 4: Management of Impacts and Appendix A: EPR Compliance.

### 3.3 Traffic and Access

Specific Traffic Management Plans (TMP) will be developed in accordance with the Transport Management Plan (EPR T2) to address movement of all modes of transport including cycle and pedestrians, around and within the project site compound.

A Traffic Impact Assessment will be undertaken for both sides of the freeway. The result of these assessment will be approved by City of Boroondara (south side) and Manningham Council (north side) under the Road Management Act.

The TIA is currently being finalised with stakeholders.

### 3.4 Justification of location and use of compound

The Carron Street Construction Compound is proposed on land within the NELP project boundary. As a result, the Construction Compound location has been sited to comply with Clause 4.12.2(c) of the Incorporated Document.

In addition to considering the future land use, the location of the construction compound has been selected based on an assessment of avoiding, minimising and mitigating impacts on sensitive users and environmental receptors. The Carron Street Construction Compound was deemed to have a minimal impact in terms of the following aspects:

- **Future Land Use:** The Construction Compound will be located on land within the footprint of the Primary Package works.
- **Proximity to Works:** The Construction Compound is located adjacent to the MWC & YVW launch shaft work area and a pedestrian overpass to the north side where the receival shaft will be located. This ensures that the compound has been located as far from residential areas as practicable to reduce noise, vibration and lighting impacts to residential sensitive receivers. As the compound is located close to the work area, this reduces travel and access of work crews from the compound to the work area and therefore minimises disruption to residential sensitive receivers and users of the park.
- **Sensitive Users:** Siting and size of the Construction Compound has been selected to minimise impacts within the Reserve and pedestrian paths/Shared Use Paths within the reserve and formal pedestrian paths. Efforts to maximise recreational areas for park users has been considered, to allow continued use of the Reserve during construction and compound operations by park users.
- **Business Impacts:** Impacts to nearby businesses is expected to be minimal (see Figure 2 for locations). Nearby businesses include the Greythorn shops on Doncaster Rd on the south side. Impacts to these businesses due to the increased heavy vehicle movements will be managed in consultation with the respective Councils.
- **Cultural Heritage:** The area was selected as it did not feature any direct impacts with identified Aboriginal Cultural Heritage. It is noted that CHMP 15576 Condition 17 applies to this area and any cultural heritage material associated with VAHR7922-1601 (which was salvaged during the CHMP 15576 Complex Assessment) will be repatriated and managed in accordance with the requirements of CHMP conditions.
- **Flooding:** The compound locations is not located within an are subject to flooding or flood overlay, presenting minimal risk.
- **Flora and Fauna/Arboriculture:** The compound is situated to avoid and minimise impacts to trees and vegetation as much as possible, by siting the compound in the least-densely vegetated area. Access road has been sited to best avoid and minimse impacts to trees.

Alternative locations were assessed for the MWC & YVW Construction Compound. These locations included north of Eastern Freeway and closer to Carron Street at the south side Reserve, however these locations would increase impacts to sensitive receivers due to the following:

- Additional tree removal due to additional temporary access areas required
- Closer proximity to residents – light, noise and vibration impacts increased

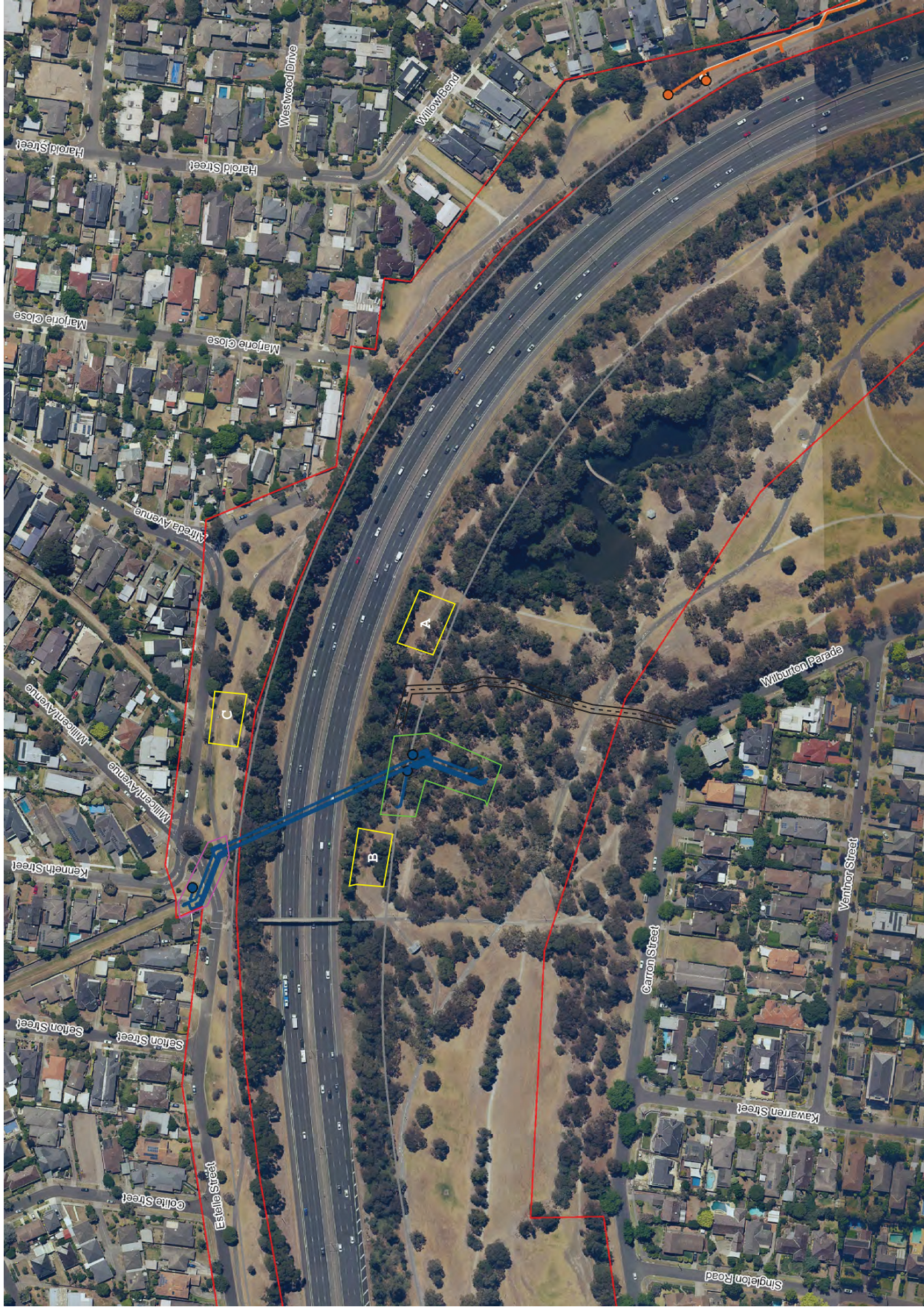
Figure 5 provides an overview of the alternate compound locations reviewed, and table 4 provides a summary of the rationale for proposed compound locations

**Table 4: Alternate compound locations assessed**

Option A (proposed compound)	Option B (alternate option)	Option C B (alternate option)
<ul style="list-style-type: none"> <li>■ Close to main work area</li> <li>■ Located over footprint of existing landfill site</li> <li>■ Located in footprint of reference design for NELP Project</li> <li>■ Close to Eastern Freeway and associated noise</li> <li>■ 100+m away from residences</li> <li>■ Reasonably open area to minimise tree impact</li> <li>■ Close to access road of the main work area, with access off main access road minimising tree impact</li> </ul>	<ul style="list-style-type: none"> <li>■ Close to main work area</li> <li>■ Located over footprint of existing landfill site</li> <li>■ Located in footprint of reference design for NELP Project</li> <li>■ Close to Eastern Freeway and associated noise</li> <li>■ 100+m away from residences</li> <li>■ Less open area than Option A</li> <li>■ Not as close as Option A to access road of the main work area, with potentially more tree impact than Option A</li> </ul>	<ul style="list-style-type: none"> <li>■ Not as close to main work area as Options A and B</li> <li>■ Not located over any existing landfill site</li> <li>■ Located outside footprint of reference design for NELP Project</li> <li>■ Close to Eastern Freeway, but on wrong side of noise wall</li> <li>■ Close to residences</li> <li>■ Possibly most open and less tree impact</li> <li>■ Would disrupt SUP in the area for much longer than works on that side</li> </ul>

Therefore, Option A was selected and the alternative options were not pursued.









Legend

- Council preferred access to main work area
- Main Work Area and southern tie-in
- Receival area and northern tie-in
- Proposed works
- Proposed Construction Compound locations



<p>This map is a user generated static output from the City of Vancouver's GIS system. It is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.</p> <p>THIS MAP IS NOT TO BE USED FOR NAVIGATION</p>				<p>Status</p> <table><tr><td>Original Size</td><td>A3</td><td>Drawn</td><td></td></tr><tr><td>Coordinate System</td><td> MGA55</td><td>Designed</td><td></td></tr><tr><td>Height Datum</td><td>AHD</td><td>Date Printed</td><td>3-Aug-2020</td></tr></table>				Original Size	A3	Drawn		Coordinate System	 MGA55	Designed		Height Datum	AHD	Date Printed	3-Aug-2020
Original Size	A3	Drawn																	
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<p>Issue</p> <p>A</p>				<p>Description</p> <p>FOR INFORMATION</p>				<p>Date</p> <p>Approved</p>											
<p>Scale 1: 2,286</p>																			
<p>116</p>				<p>0</p>				<p>58.1</p>											
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<p>© CPB GIS</p>																			

Status			
NOT TO BE USED FOR CONSTRUCTION			
Original Size	A3	Drawn	
Coordinate System	MGAS5	Designed	
Height Datum	AHD	Date Printed	3-Aug-2020

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Image courtesy of DELWP



CPB Contractors

Figure 5: Alternate compound locations assessed



### 3.5 Work Activities

The permissible activities that will occur as part of the Carron Street Construction Compound are detailed below and will follow the securing of the site with temporary panel fencing or similar approved product. SUP detours will occur while setting up temporary fencing. These works have been sited to avoid, minimise and mitigate impacts on sensitive users through the risk assessment identification as per Section 4.3.

1. Installation of environmental controls
  - a) Silt fencing to be installed around the low sides of crushed rock hardstand area, to protect the nearby surface waterbody from runoff.
  - b) Stormwater drains to be protected from sediment by suitable controls (eg: silt socks, silt fencing)
  - c) Spill kits to be located to respond to construction activities including hydraulic hose rupture, chemical storage and refuelling.
  - d) Site exit shall be sealed or stabilised to prevent mud tracking and dust, and street sweepers used as a control.
  - e) Tree Protection Zone to be established and delineated from the site operations.
2. Compound, carpark and haul road establishment:
  - a) Tree management procedures and methodology will follow Tree Removal EPR Plan and Tree Protection EPR Plan. The definitive tree removal guidance will be outlined in the WEMP for MWC & YVW. This will feature a site-specific arborist assessment for all trees that are to be removed or protected within Carron Street Construction Compound.
  - b) Haul roads outside of project boundary: haul roads to be built up from existing ground with geofabric and imported material, except within road reserve.
  - c) Haul roads within project boundary: construction methodologies to be determined, examples of options include placing geofabric/crushed rock, topsoil stripping/excavation to match SUP, or placing steel plates etc.
  - d) Hard stand area to be established through compaction of crushed rock. Crushed rock to be placed and compacted in layers with suitable compaction equipment. A preferred water-based polymer (or other approved means) to be applied to the top layer to ensure binding of finer particles and thus, reduction of dust.
  - e) Compound building to be placed on footings (as per Temporary Works Design) using a pick and slew crane, or as approved by CPB.
  - f) It is expected that the polymer may lose integrity with vehicles trafficking over the carpark or haul road. Reapplication of the polymer will occur when this eventuates. Dust will also be managed through the application of water to internal roads and carparks.
  - g) Stabilised or sealed exits to be installed on the haul road to ensure that trucks do not cart unwanted soil or rocks onto public roads. These exits to be in the form of rumble grid, larger diameter crushed rock, or sealed. Street sweepers will be used as needed.
3. Services to be connected to the compound:
  - a) Generators to be used for site power.
  - b) Sewage disposal to be managed through installation of ablution tanks, these will be pumped to a licensed waste facility on a regular basis. Ablution tanks to be above ground and impermeable to ensure no leakage into the surrounding environment.
  - c) Water supply from a nearby hydrant or by truck delivery to potable water tanks, or connection to the water mains being relocated if approved by the relevant authorities.

### 3.6 Timing

The Carron Street Construction Compound works is anticipated to begin in October 2020. Once the compound is established it will be used as a site office and laydown area for the remainder of the NEL Early Works MWC & YVW scope until completion and demobilisation as scheduled in June 2021.

The site compound mobilisation activities will occur concurrently over an indicative timing of four weeks.

**Table 5: Carron Street Compound setup activities and indicative timings**

Section Reference	Work activity	Duration
3.5.1	Environmental controls and temporary fencing <ul style="list-style-type: none"> <li>a) Temporary fencing installation</li> <li>b) Silt fencing installation</li> <li>c) Tree removal to be undertaken and TPZ setup</li> <li>d) Spill kit placement</li> </ul>	2 days 2 days 5 days 1 day
3.5.2	Compound establishment <ul style="list-style-type: none"> <li>a) Strip and stockpile topsoil</li> <li>b) Haul road installation</li> <li>c) Hardstand area establishment</li> <li>d) Lifting and placement of compound buildings using crane</li> <li>e) Connection of services</li> </ul>	5 days 3-5 days 3-5 days 2-3 days 2-3 days

### 3.7 Operation of the Compound

The operation of the Construction Compound will be in accordance with this Plan and relevant EPRs included in the approved EMF. This Plan has been prepared in reference to the CEMP, Communication and Community Engagement Plan (**CCEP**) and Construction Noise and Vibration Management Plan (**CNVMP**).

1. The Construction Compound shall support works to deliver the utility services construction in the MWC & YVW scope area (Figure 3, 4 and 5). The scope of work that the compound will support involves works associated with the realignment of MWC & YVW as it clashes with the proposed NEL Project reference design.
2. These work activities and the corresponding environmental implications will be detailed in the Worksite Environmental Management Plan and general overview of the work activities are outlined below:
  - a. Excavation of launch and receival shafts for microtunneling operations, these shafts will be approximately 8 metres deep.
  - b. Installation of water pipelines featuring either a microtunnelling (under the Eastern Freeway) or open cut trenching installation methodology.
3. In general, the Construction Compound 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, these will most likely be stored within the work area but has been included within the CCP as a contingency.
  - e. Hazardous substances will be stored within bunded shipping container compliant with AS 1940:2017, these will most likely be stored within the work area but has been included within the CCP as a contingency.
  - f. Storage of vehicles, plant, trucks, and construction materials
4. Soil stockpiling and materials laydown will be required near the Construction Compound within the adjacent work area, and include clean fill soil, backfill sand, crushed rock and broader laydown of pipeline supplies. The management of spoil will be conducted to meet the relevant regulatory requirements and elements of EPR reference CL1 Spoil Management Plan and SW5 Surface Water Management Plan. No contaminated spoil is expected to be stockpiled within the MWC & YVW

- Construction Compound, however if required, will be stored in accordance with the Spoil Management Plan.
5. Refueling to be conducted with mini tanker trucks or approved refueling vehicles. Refuelling must not occur within 30m of a waterway as a result refueling to occur in the construction carpark and storage area, unless a specific risk assessment has deemed the risk can be managed. Eliminate ignition sources in vicinity of refuelling operations. Switch off engines of plant and vehicles before commencing refuelling. Spill kit to be located in carpark of the Compound. This is to ensure it is in close proximity to the refuelling operation.
  6. All haul roads are to be inspected to ensure that the dust suppression integrity is maintained. This is to be undertaken by the construction team throughout compound operation. Site access and egress to the Compound to have stabilised entry points such as rumble grids.

### 3.7.1 Working Hours

The primary use of the compound will align with standard construction hours, and will also involve Unavoidable Works for microtunneling works, possible tie-in works, commissioning works, and other miscellaneous works due to continuous nature of the construction methodology. The Unavoidable Works procedure will be followed as stated below.

#### **Standard Working Hours:**

Monday to Friday: 7am to 6pm

Saturday: 7am to 1pm

#### **Unavoidable Works:**

When the compound operates it will be required to operate within the noise limits of EPR NV3. If works that are to occur outside of normal working areas cannot meet the noise limits of EPR NV3. The activity must 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.

The unavoidable works procedure is most relevant to this Plan during operation of the site compound during night hours. 'Unavoidable works' are defined in EPR NV3 are construction works which cannot occur during normal construction hours as they do not meet the weekend, evening, night period noise guidelines. EPR NV3 gives the following examples of unavoidable works; they require road or rail occupations, are emergency or safety works, involve tunneling or demonstrates and justifies a need to operate outside normal working hours and exceed the noise guideline targets. For works to be justified to be unavoidable, they must be verified by the IEA before they proceed and for each instance that they are undertaken.

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. Management of Impacts

The compound construction delivery methodology is established in line with the process of risk management as described in Section 2.3. 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 4.3 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 7 for a high-level description of CPB's Environmental Management System (**EMS**), including documents and plans, more information can be found within the CEMP.

### 4.1 Identification of Sensitive Users

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 location of the Carron Street Construction Compound may have impacts on the following sensitive users:

- 1) Residents on the following streets
  - a) Carron Street
  - b) Wilburton Parade
  - c) Balwyn Road
- 2) Businesses
  - a) Greythorn shopping strip
  - b) Boroondara Shopping Centre, Balwyn Road

Section 3.4 justifies the location of the construction compound in reference to avoiding, minimising and mitigation impacts on these sensitive users. These sensitive receptors in relation to the compound placement and the overall construction work boundary can be seen in Figure 2.

The consultation and engagement that has occurred and is ongoing in relation to the management of these sensitive receptors is detailed within Section 6.1.

### 4.2 EPR Compliance

The applicable EPRs have been 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 Plan. 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 Plan and a summary of how each relevant EPR will be complied with is detailed in **Appendix A**. Appendix A outlines 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 Number	EPR Sub Plan Name	Relevance to this Plan
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. The operations and activities within the construction compound will adhere to the management plan.
NEL-EW-CPB-1990-EEE-PLN-0005	Tree Removal Plan	EPR Plan: Tree Removal Plan outlines the broad Early Works management

EPR Sub Plan Number	EPR Sub Plan Name	Relevance to this Plan
NEL-EW-CPB-1990-EEE-PLN-0006		procedures that will be followed by the construction compound works. Definitive tree removal guidance will be outlined in the WEMP "MWC & YVW Construction Compound". This will feature site specific arborist reports for all trees that are to be removed within MWC & YVW Construction Compound.
	Tree Protection Plan	EPR Plan: Tree Protection Plan to be followed for the Construction Compound works. This plan will outline management procedures in relation to TPZs. Definitive tree protection guidance will be outlined in the WEMP "MWC & YVW Construction Compound". This will feature site specific arborist reports for all trees that are to be removed within MWC & YVW Construction Compound.
	Spoil Management Plan	Spoil Management Plan will be used to manage stockpiling, soil categorisation and disposal options for the works within the construction compound. The WEMP will feature the categorisation for the construction compound areas and site-specific spoil management procedures.
NEL-EW-CPB--1990-EEE-PLN-0014	Ground Movement Plan	Ground movement is attributed to settlement due to large excavation depths. The construction compound establishment will have shallow excavations that are compacted to ensure a stable hardstand for the site buildings. No ground movement as a result of settlement is expected to occur for the works within this Plan
NEL-EW-CPB-1990-EEE-PLN-0009	Groundwater Management Plan	The excavation depth for the CCP works will be shallow, at a maximum of 500mm. As a result, excavations that are to occur as part of the CCP works are not to impact on groundwater levels. Worksite Environment Management Plan to be created in accordance to the Groundwater Management Plan.
NEL-EW-CPB-1990-EEE-PLN-0010	Archaeological Management Plan	There are no heritage places in close proximity to the Carron Street Construction Compound. Cultural Heritage Management Plan condition to be followed for CHMP induction and unexpected finds procedure.
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 outlined in Section 4.1.



EPR Sub Plan Number	EPR Sub Plan Name	Relevance to this Plan
NEL-EW-CPB-1990-EEE-PLN-0011	Surface Water Management Plan	Surface Water Management Plan will relate to This Plan in terms of installing controls to ensure the construction compound runoff
NEL-EW-CPB-1990-ESU-PLN-0001	Sustainability Management Plan	The construction compound has an opportunity to undertake sustainable initiatives such as integration of renewable energy, adherence to Wfs-5 Site Compounds in IS version 2.0, and water retention to contribute to the Project's sustainability objectives.
NEL-EW-CPB-1990-CTM-PLN-0001	Transport Management Plan	Construction compounds have various interface with community-based pedestrians, cyclists and vehicle traffic as well as generating additional traffic due to the introduction of construction workers to the area. The Transport Management Plan addresses the transport related concerns that may arise throughout the duration of the construction compound lifecycle and presents clear solutions in order to keep the compound environment safe
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 MWC & YVW Compound and evacuation procedures to manage this.
NEL-EW-CPB-1990-PSC-PLN-0001	Communication and Community Engagement Management Plan (CCEMP)	The works within the Construction Compound will be undertaken as per CCEP. Communication and Community Engagement has been referenced as per Section 6 of this Plan.

### 4.3 Risk Assessment Identification of Impacts

The risk to sensitive receptors and the environment has been assessed as part of the preparation of this Plan. Based on the activities detailed in Section 3, the risks below have been identified with proposed controls to manage this risk. These controls shall all be in place prior to commencement of the construction activity to which they relate.

Throughout the Early Works, project inspection, monitoring and auditing shall be conducted as directed in the CEMP and EPR Plans. Environmental Performance Reporting shall be conducted monthly and issued to NELP within the Contract Monthly Report. CPB have Weekly Environmental Inspection Checklists that will be completed to ensure that environmental controls are installed on sites as per the EPRs. The Weekly Environmental Inspection Checklist will be completed at Construction Compound locations on a rotational basis with the other worksites. The main items the checklists will consider for the Construction Compound include the implementation of the controls listed below, management procedures as per Section 4.4 and ensuring that the EPRs are being complied with as per Appendix A.

**Table 7: Risk Assessment – Carron Street Construction Compound**

Construction activity	Associated Impact (risk)	Controls
<b>Aboriginal Cultural Heritage (AH)</b>		
All works	<ul style="list-style-type: none"> <li>Unexpected artefacts being found and potentially destroyed</li> </ul>	<ul style="list-style-type: none"> <li>CHMP site induction for any personnel performing works to break ground.</li> <li>Unexpected finds to be managed in accordance with the approved Cultural Heritage Management Plan (CHMP 15576).</li> </ul>
<b>Air Quality (AQ)</b>		
Haul Road & Hardstand Construction	<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 receptors</li> <li>Adverse impact to vegetation</li> </ul>	<ul style="list-style-type: none"> <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</li> <li>Mud tracking and dust on roads to be minimised through use of stabilised site exits such as crushed rock or rumble grids and road sweepers</li> <li>Traffic speed limit of 10km/h to be adhered to on site</li> <li>Environmental Inspection Checklists to be completed as per beginning of Section 4.3.</li> </ul>
<b>Arboriculture (AR) / Flora and Fauna (FF)</b>		

Construction activity	Associated Impact (risk)	Controls
All works	<ul style="list-style-type: none"> <li>Impacts on trees</li> <li>Adverse impact to native vegetation</li> <li>Adverse impact on fauna and flora</li> <li>Commitment to minimise impacts on trees may have adverse impacts on the community.</li> </ul>	<ul style="list-style-type: none"> <li>All arboriculture and flora and fauna related works to be undertaken as per controls and management procedure outlined in Tree Protection EPR Plan and Tree Removal EPR Plan and CEMP Flora and Fauna sub-plan.</li> <li>Construction Compound location has been selected to avoid and minimise tree removal as much as possible and outside of the reference design.</li> <li>All plant to remain on haul roads as much as possible to minimise damage to vegetation.</li> <li>For site operations within the drip zone of trees, TPZ to be established through site arborist. TPZ to be delineated with barricading as a 'no-go-zone'.</li> <li>Chapter 25 of the Environment Effects Statement: Ecology has been reviewed to site the compound in a location with minimal impacts to nearby existing ecology</li> <li>Ecological assessment to be completed prior to works as per Section 4.4.1 to determine any sensitive ecological areas in the works proximity.</li> <li>If a threat to an animal is evident, works are to cease. Licensed fauna handlers will be contacted for fauna relocation.</li> </ul>
<b>Landscape and visual (LV)</b>		
Compound office operation	<ul style="list-style-type: none"> <li>Light spill during the use of compound office outside of the standard working hours as per Section 3.7.1 resulting in impact on sensitive receptors</li> </ul>	<ul style="list-style-type: none"> <li>Site induction to include detail on adhering to office hours and unavoidable works process to meet the requirements of the EMF.</li> </ul>
Compound operation (Night Works)	<ul style="list-style-type: none"> <li>Impact on nearby 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 nearby receptors</li> <li>Compound lighting to be installed with advice from ecologist to ensure impacts to usual animal behavioural patterns is not impacted due to the compound lighting</li> </ul>
<b>Noise and Vibration (NV)</b>		

Construction activity	Associated Impact (risk)	Controls
<ul style="list-style-type: none"> <li>Haul road and hardstand construction</li> <li>Establishment of Compound and buildings</li> <li>Grubbing and Clearing</li> <li>Tree Removal</li> <li>Compound usage for Night Works</li> </ul>	<ul style="list-style-type: none"> <li>Nuisance noise</li> <li>Nuisance vibration</li> <li>Structural damage</li> <li>Community concern / complaint</li> <li>Noise impact from nightly pre-starts and general site usage for night works</li> </ul>	<ul style="list-style-type: none"> <li>Undertake construction activities within the nominated hours of work, where possible.</li> <li>Construct and maintain noise barriers to shield significant noise generating activities or plant as required in order to comply with EMF guidelines.</li> <li>Noise monitoring conducted in accordance with the noise and vibration monitoring procedure on the CNVMP and at a frequency and at locations to confirm compliance with the regulatory limits will be conducted.</li> </ul>
<b>Surface Water (SW)</b>		
<ul style="list-style-type: none"> <li>Haul road and hardstand construction</li> <li>Operation of compound and buildings</li> </ul>	<ul style="list-style-type: none"> <li>Adverse impacts to water quality</li> <li>Adverse impacts to aquatic flora and fauna</li> <li>Damage to property, interference to amenity due to flooding 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>Flood Emergency Management Plan to be present and briefed at each construction compound where applicable</li> <li>Silt fences around stockpiles to control sediment runoff</li> </ul>
<b>Waste Management</b>		
<ul style="list-style-type: none"> <li>All works</li> </ul>	<ul style="list-style-type: none"> <li>Environmental impacts such as spreading of pollution or loss of biodiversity due to incorrect management of waste</li> </ul>	<ul style="list-style-type: none"> <li>All wastes including spoil to be classified, stored, tracked, transported and treated in accordance with contractual and regulatory requirements, including the use of licensed transporters and treatment facilities</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>Hazardous Materials</b>		



Construction activity	Associated Impact (risk)	Controls
All works	<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>Storage and handling of hazardous substances in accordance with AS1940:2017 and Safety Data Sheet (SDS). Hazardous substances stored in a bunded area with minimum holding capacity of 110% of the largest container within the bund or 25% of the total capacity of all containers within it, whichever is the greatest.</li> <li>Spill kits must be located near all hazardous substance storage units</li> <li>Refuelling to be conducted with mini tanker trucks. Refuelling must not occur within 30m of a waterway as a result refuelling to occur in the construction carpark and storage area. This is where generators are located. Eliminate ignition sources in vicinity of refuelling operations. Switch off engines of plant and vehicles before commencing refuelling. Spill kit to be in close proximity to refuelling operation.</li> </ul>

#### 4.4 Management of Environmental 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, ecology, arboriculture, traffic impact, and noise impacts are highlighted because they are relevant to the Carron Street Construction Compound.

##### 4.4.1 Ecology

An ecological assessment will be undertaken prior to works commencing to:

- Determine the requirement for a permit under the *Flora and Fauna Guarantee Act 1988* (FFG Act), these will be obtained as required.
- Assess native vegetation impacts to inform the 'avoid and minimise' statement which will articulate the steps taken to avoid and minimise impacts to native vegetation as part of the design and construction of the compound
- Map the location of native fauna habitat that will require supervision during site establishment to ensure compliance with the *Wildlife Act 1975* and *Fisheries Act 1995*.

The ecological assessment will be completed prior to site establishment. A report will be prepared detailing the results of the assessment, requirements for a FFG permit, avoid and minimise statement, offset calculations in accordance with the *Guidelines for the removal, destruction or lopping of native vegetation* (DELWP 2017), and a map showing the location of fauna habitat requiring supervision during site clearing. The ecological assessment will be included in the MWC & YVW WEMP.

Prior to any disturbance, clearing or grubbing activities in any locations the following must be in place;

- A CPB internal Permit to Clear (including pre-clearing checklist). Followed by a post-clearing checklist

- No-go Zones for significant flora and fauna must be established and TPZs, fenced/flagged and sign posted prior to commencement of clearing. (FF1, AR2)
- A wildlife catcher/spotter with Management Authorisation under the Wildlife Act 1975 needs to conduct a search for any wildlife that may need to be removed and relocated, immediately prior to habitat removal.

There are no EMF No-go Zones in the proximity of the construction compound. Any additional No-go Zones established for the construction compound area, such as native vegetation/trees to be retained, are to be fenced. These additional No-go Zones are to be determined by the ecology assessment and shown on the MWC & YVW WEMP. Any damage to No-go Zone fencing or signage must be reported to supervisor or Environment Manager immediately.

#### 4.4.2 Arboriculture

In regard to arboriculture management for the Construction Compound the following documents will be used to outline management procedures and methodologies in compliance with the EPRs:

- AR1: Tree Removal Plan
- AR2: Tree Protection Plan
- CEMP including the Flora and Fauna sub-plan.

A detailed arborist assessment will be undertaken prior to works commencing to determine the exact extent of tree impacts due to the haulage routes. Tree retention is preferred and therefore the following process is to be followed in the establishment of haul roads:

- A site review is to be completed by the Project Arborist to assist in identifying trees that may be able to be retained adjacent to the haul road.
- A review of the finished levels of the haul road is to occur to ascertain whether the identified tree can remain viable. Non-destructive investigations may be required to ascertain the presence of tree roots that may impact on the stability and longevity of a tree if they were to be damaged or lost during haul road construction.
- A review of the construction process and haul road design is to occur by a project team comprising of a Project Engineer, Project Arborist and Environment Team member to ascertain whether modifications can be made to allow tree retention.
- Where a haul road is to be constructed the following should be considered:
  - 1) Trees to be retained are to be clearly identified.
  - 2) Protection measures established by the project review are to be clearly communicated to all crew on site.
  - 3) Excavation and leveling of ground surface will be required for the construction of the haul road.
  - 4) The condition of trees should be reviewed throughout the project.

Prior to any tree removal works an ecological and arborist assessment of the Construction Compound is to be undertaken and records to be taken of proposed removals. All tree removals as per the Tree Removal Plan are to be approved by the State. 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. Records will be maintained for any removals in order to meet EPR AR1.

All trees that will remain in MWC & YVW Site Compound will be protected by temporary fencing in accordance with the TPZ requirements in the Tree Protection Plan. The TPZ is calculated by multiplying the tree diameter at breast height (1.4m) above ground level by 12.

Tree Protection Fencing where required is to be installed in accordance with AS 4970-2009 Protection of trees on development sites and the following methodology:

- To the extent agreed to with the Environment Team and or the Project Arborist
- Constructed from 1.8m temporary fence panels or paraweb fencing that is secured to metal pickets using fencing wire or similar.
- Braced as required to provide an adequately robust structure, and signage used to designate area as TPZ/No Go Zone.

#### 4.4.3 Flood Risk

The Carron Street Construction Compound is not located within a flood zone or flood overlay, and therefore there are minimal flood risks as per the risk assessment. This was assessed using VicPlan flood overlays.

#### 4.4.4 Noise

##### 4.4.4.1 Noise Modelling

Noise modelling will be conducted for the Construction Compound as per the CNVMP considering the following factors:

- Whether the use of multiple plant items simultaneously is proposed
- The existing level of ambient noise in the receiving environment.
- Whether or not night-works will occur at the location
- Duration of works; e.g. is it likely that a receiver will experience multiple days/ nights of exposure to noise from a site?
- Whether use of high impact plant / activities (piling, pipe jacking, hammering, auger, vibratory roller, other tunneling equipment, generators, excavation, rattle gun, compaction etc.) are proposed at the site
- Is the separation distance between the works and the nearest receivers less than 200 metres
- Whether or not there is natural shielding between the works and nearest receivers

The aim of the construction noise modelling is to determine whether predicted noise levels will exceed Noise Management Levels for site scenarios and the expected level of exceedance. The noise model outputs shall be used to inform of any additional mitigations that should be implemented. Noise mitigations and controls are outlined in the CNVMP based on the findings of noise models.

##### 4.4.4.2 Noise Monitoring

Based on the results from the noise modelling, noise monitoring will be undertaken during works at select locations. These locations are to include the closest sensitive residential receptors that will be impacted by the works. Noise monitoring results shall be used to validate the model, inform actions, mitigations and controls as required and results will be provided to NELP for review as requested or required, on a regular basis.

Throughout the duration of the project noise monitoring will be undertaken during the following instances:

- In response to community enquiries: Noise monitoring may be undertaken in response to noise related complaints/enquiries to determine compliance with the construction noise limits as specified in Environment Protection Authority Victoria (EPA) Publication 1254, Noise Control Guidelines.
- Out of hours works and checking against noise modelling set for the project: Where scheduled works are outside of normal construction hours and unavoidable works, noise monitoring will be performed to check against background noise levels or against desktop noise modelling predictions.
- Construction spot checks: Construction spot check will be undertaken sporadically, during both day and night works, using a hand-held noise meter or a tripod setup with a noise meter. The measurement must be a 10-minute LAeq with extraneous noise such as road traffic excluded as best as possible for measurement. The LA90 and LA10 should also be recorded.

#### 4.4.5 Noise Mitigation Measures

As per CNVMP, noise is to be minimised as much as reasonably possible throughout all construction works. As a result, the following noise controls will be implemented where reasonable throughout all compound setup and operations.

- Site inductions – environmental inductions shall include introduction to noise limits and controls, hours of work, locations of sensitive receptors.
- Set site entry and egress points as far from sensitive receptors as practically possible.
- Behavioural practices - toolbox training to encourage the minimisation of noisy behaviour including: shouting or loud radios, no dropping materials from height and slamming of door.
- Selection of plant considers noise impacts and quieter plant is selected (where possible). There are not too many options available to do so for the compound setup and operations as there is not a significant amount of plant to be used. An example of this would be selections of power generators that are silenced.
- Avoid using plant and equipment simultaneously adjacent to sensitive receptors where reasonably practical. The combined noise/vibration levels could be significantly less when sources operate separately.
- Letter drops and or door knocks, where appropriate, to notify receivers of potentially noisy upcoming works, where impacts are expected to be audible, and to discuss proposed mitigation.

Additional noise management controls are available as per CNVMP.

#### 4.4.6 Traffic

Specific Traffic Management Plans (TMP) will be developed in accordance with the Transport Management Plan (EPR T2) to address movement of all modes of transport including cycle and pedestrians, around and within the Construction Compound.

Traffic controllers will be used to assist access to and from the site as required.

Measures to redirect pedestrian and cyclist movements are needed to allow for safe access around the construction work site. The pedestrian and cyclist traffic will be managed via signage and localised detours, in collaboration with the respective Councils.



## 5. Site Demobilisation and Restoration

In general, the following measures will be undertaken to restore the former use of the land:

- Site restoration would be based on the Condition Report completed prior to occupancy of the sites. The Condition Report is to provide a visual assessment of the Construction Compound area highlighting any constructional and cosmetic fabric defects prior to the commencement of CPB construction works. Each report will provide a photographic record of the existing condition to be used for restoration purposes.
- Site restoration to also involve vegetation replacement as per EPR AR3.
- All site demobilisation and restoration works to be undertaken as per relevant EPRs. These include:
  - CL1: In areas used for temporary construction works, contamination attributable to the project must be appropriately remediated in consultation with the relevant land manager. As part of the demobilisation and restoration process, relevant land owners will be consulted to ensure that the project restores the site to its former land use and removes all contamination that was attributable to the works.
  - LV2: Temporary and construction works must be located, designed and carried out in accordance with a Construction Compound Plan to be approved under the Incorporated Document and the Urban Design Strategy guidance on using design to help manage construction impacts. Areas disturbed by temporary and construction works must be reinstated with no objection from the relevant land manager, waterway manager and any relevant public asset owners. CPB will undertake all reasonable endeavours to reach a position of no-objection with the relevant stakeholders.
- All materials used in the establishment of the compound will be removed when the works within the area are completed and the compound is no longer required.
- Options to reuse recycle or dispose of used material will be considered during demobilisation of the compound.

## 6. Communication Strategy

### 6.1 Community Consultation

The establishment and operation of the Carron Street Construction Compound will have minimal impact on residents, based off CPBs assessment. The proposed compound is closest to residents of Carron Street; however, they will be protected from most impacts by distance and for Estelle Street, the barrier of Eastern Freeway for works on the south side of the Freeway. Operation of the compound will have minor traffic impacts on the residents of Carron Street and Wilburton Parade. Residents of both streets will be consulted via letter and in person consultation. Any questions or issues will be discussed and mitigated with impacted residents.

Consultation has occurred with Manningham Council and City of Boroondara Council through the NEL EW fortnightly meetings and is ongoing. At these meetings a number of presentations and facilitated consultation sessions have occurred in relation to the establishment and the operation of the construction compound. Consultation around traffic management proposals associated with the establishment of the compound has also occurred and is ongoing.

Consultation with VicRoads has also occurred in relation to traffic management planning as well as emergency services and other relevant government agencies through the Traffic Liaison Group meetings.

This level of engagement is consistent with the CCEP and will be detailed in the Community Engagement Action Plans (CEAP) for each work zone. The CEAP will outline the specific stakeholders and residential receptors highlighting how they will be impacted by the works. This will be included in the construction work pack documentation.

### 6.2 Contact Numbers

**Community number:** 1800 105 105

### 6.3 Complaints Management

As per the CCEP, community complaints will be managed as detailed in the table below:

**Table 8: 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. In adherence to EPR EMF4	<b>CPB Contractors Enquiry and Complaints Procedures</b> In accordance with <i>AS/NZS 10002-2014 Guidelines for complaint management in organisations</i> , and 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 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.	<b>Stakeholder and Community Engagement Manager</b>  Stakeholder and Community Engagement team  Functional Manager(s)	Procedures delivered and verified in CCEP

Expectations	How we will meet the Expectations (minimum requirements)	Responsible Person Key Contributor	Deliverables
Enquiries and complaints are recorded, acknowledged and resolved in a timely manner as per EPR EMF4.	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><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 project scope requirements, 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 Early Work'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 impacting the project's reputation and safety matters);</li> <li>(2) enquiries that may affect the projects reputation;</li> <li>(3) complaints received, including the information collected on the Consultation Manager Stakeholder Management Database as set out in section 11.6(b), as well as:</li> </ol> <ol style="list-style-type: none"> <li>(A) the location to which the complaint relates; and</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
	(B) the method of contact; and (C) 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.		



## 7. CPB Contractors Management System

### 7.1 Environmental Management System (EMS)

The CPB EMS for the Early Works is based on the requirements of the CPB Management System and has been specifically tailored to ensure compliance with 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 14001:2016 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.

### 7.2 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 this Plan and adjustment and improvement, project environmental outcomes, and CPB Contractors EMS.



Figure 6: Continual Improvement Mechanism

### **7.3 CEMP**

A CEMP has been prepared to manage the environmental risks from construction activities related to the North-East Link Early Works Project. All works within this Plan shall be undertaken in accordance with the CEMP

### **7.4 WEMP**

A Worksite Environment Management Plan shall be prepared for the construction activities associated with the establishment of this Construction Compound and MWC & YVW Relocation works.

### **7.5 Review of CCP**

A CPB internal review of this Plan will be conducted on a six-monthly basis or when specifically directed by the State or when there is a change in compound activities or operations. This is to ensure consistency of the works with the details and management procedures outlined in this Plan.

## Appendix A: EPR Compliance

Table 9 shows aspects that are relevant to this Plan, additional EPRs are relevant to the Early Works but these are not listed here unless relevant to this Plan.

**Table 9: EPR Compliance – CCP MWC & YVW**

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 Plan will be delivered in accordance with the Environmental Strategy and Management Plans for the Early Works Package	Systems will be maintained throughout the establishment, operation and decommissioning of the construction compound Section 7 of this Plan describes CPB's EMS
	<b>EMF2</b>	CPB has prepared Environmental Strategy and Management Plans	Management Plans will be maintained as per EMF throughout the establishment, operation and decommissioning of the construction compound
	<b>EMF3</b>	CPB has appointed an Independent Environmental Audit (IEA)	Section 7 of this Plan describes CPB's EMS IEA will be retained throughout the establishment, operation and decommissioning of the construction compound
	<b>EMF4</b>	CPB operates a complaints management system consistent with AS/NZS 10002:2014 and this system shall be implemented for this Plan and the Early Works Package	Systems will be maintained throughout the establishment, operation and decommissioning of the construction compound Section 6 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 the establishment, operation and decommissioning of the construction compound AH aspects will be covered within CEMP and WEMPs Relevant personnel (breaking ground) must complete a cultural heritage induction undertaken by the Registered Aboriginal Party (Wurundjeri) before starting works.  Registered Aboriginal Party conduct audits and inspections where relevant

EPR Category	EPR	Compliance	Timing, Consultation & Approval
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 the establishment, operation and decommissioning of the construction compound AQ aspects will be covered within EPR Plans and WEMPs EPA consultation for relevant aspects Site inductions cover this aspect Site environmental inspections for CCP
	<b>AQ6</b>	Incentives to be provided for contractors and subcontractors through the Invitation to Tender (ITT) process to preferentially select on-road heavy vehicles for haulage that comply at a minimum with the Euro V European emission standards.	The incentives will be devised to seek to increase the proportion of on-road heavy vehicles that comply at a minimum with Euro V European emission standards within the project's construction haulage fleet over the construction life of the project.
	<b>AQ2-5</b>	Not applicable to this Plan's scope	-
Arboriculture (AR)	<b>AR1</b>	The WEMP to feature a detailed arborist assessment that will be undertaken prior to works commencing to determine the exact extent of tree impacts due to the haulage routes. Tree Removal Plan and Tree Protection Plan to outline the high-level management procedures that the project will employ in relation to tree management.	Compliance throughout the establishment, operation and decommissioning of the construction compound High level AR management procedures to be outlined in Tree Removal and Tree Protection Plans. The WEMP to feature specific tree removal and tree protection zones for the compound. Site inductions and training cover this aspect Site environmental inspections for CCP
	<b>AR2</b>	Trees or vegetation shall be managed in accordance with the Tree Protection Plan	As above TPZ will be installed in accordance with AS 4970-2009 Protection of trees under advice of site arborist
	<b>AR3</b>	Not applicable to this Plan's scope	-



EPR Category	EPR	Compliance	Timing, Consultation & Approval
Business (B)	<b>B5</b>	Minimisation and rectification of damage or impacts on third party property and infrastructure to occur in coherence to the Ground Movement Management Plan.	Not applicable – no ground movement impacts
	<b>B3, B4, B6</b>	To minimise access and amenity impacts on businesses impacted by the MWC & YVW Construction Compound;	A community notification will be delivered to each of the businesses impacted. This is to explain the location and function of the site compound. In particular, traffic and parking arrangements will be communicated to the businesses.
	<b>B7</b>	Protect or, where required, relocate utility assets to the reasonable satisfaction of the service provider and/or asset owners.	Relocation of utility assets to not occur as part of the setup or operation of construction compound. Existing assets will be protected in accordance with utility asset owner requirements.
	<b>B1, B2, B8</b>	Attending business liaison groups (B8) Providing information for the business disruption mitigation plan (B1) or business relocation strategy (B2)	CPB to input (support NELP) where required for these EPRs. This may be in the form of attending Business liaison groups and providing information for the business disruption mitigation plan or business relocation strategy.
Contamination and Soil (CL)	<b>CL1-CL4</b>	All spoil shall be managed in accordance with the Spoil Management Plan (CL1).	Worksite Environmental Management Plan to detail location of stockpiles, overview of spoil categorisation and management of different spoil types.
	<b>CL5</b>	Manage chemicals, fuels and hazardous materials	Compliance throughout the establishment, operation and decommissioning of the construction compound Hazardous materials aspects covered in CEMP Sub-plan (CL5) and WEMP Site inductions and training cover this aspect Site environmental inspections for CCP
	<b>CL6</b>	Not applicable to Early Works (operational EPR).	-

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Flora and Fauna (FF)	<b>FF1, FF3</b>	Will be achieved through implementation of the Flora and Fauna Sub-plan of the CEMP and the controls listed within the construction compounds.	Compliance throughout the establishment, operation and decommissioning of the construction compound FF aspects will be covered within CEMP Sub-plan and WEMPs Site inductions and training cover this aspect Site environmental inspections for CCP Ecology assessment prior to works commencement
	<b>FF2</b>	Where possible the removal of native vegetation and fauna habitat shall be minimised through the siting and design of the construction compounds.	Ecological assessment to be undertaken prior to compound works, Section 4.4.1 to outline the procedure in regard to minimising impacts on native vegetation and fauna habitat.
	<b>FF5</b>	Where species protected under the Environment Protection and Biodiversity Conservation 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 Permit obtained by CPB where required
	<b>FF4, FF9</b>	Ecologist shall assess this location for flora and fauna values.	Ecology assessment prior to works commencement, FFG Permit obtained by CPB where required
	<b>FF6</b>	Groundwater Dependent Ecosystems will not be impacted upon by compound works. Only shallow excavations will be required for compound placement.	-
	<b>FF7, FF10</b>	No Matted Flax-lily or Studley Park Gums located within the area of this Plan	-

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Groundwater (GW)	<b>GW1, GW3, GW5</b>	Not applicable during CCP works as there are no excavations that will encroach on groundwater. Only shallow excavations will be required for the levelling of ground for hardstand and haul road construction.	-
	<b>GW2, GW4</b>	Not applicable during CCP works as there are no excavations that will encroach on groundwater. Only shallow excavations will be required for the levelling of ground for hardstand and haul road construction.	-
Ground movement (GM)	<b>GM1</b>	Not applicable to CCP works – see below	-
	<b>GM2, GM3, GM4</b>	Ground movement is attributed to settlement due to large excavation depths. The construction compound establishment will have shallow excavations that are compacted to ensure a stable hardstand for the site buildings. No ground movement as a result of settlement is expected to occur.	-
Historical Heritage (HH)	<b>HH1</b>	Not applicable, no heritage located within or nearby the Construction Compound	-
	<b>HH2</b>	Not applicable as no heritage located within or nearby the Construction Compound	-

EPR Category	EPR	Compliance	Timing, Consultation & Approval
	HH3 HH4 HH5	Not applicable as no heritage located within or nearby the Construction Compound	-
Land Use Planning (LP)	LP1	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 impacts to residents have been minimised in terms of reducing the site footprint and avoiding use of land that is sensitive to public amenity.
	LP2 – LP5	Not applicable to CCP works as these relate to permanent (Primary Package) works	-
	LV1	Not applicable to CCP works, relates to permanent above-ground buildings or structures	-
Landscape and Visual (LV)	LV2, LV3	The temporary and construction works shall be located, designed and carried out in accordance with this Plan. The UDS guidance will inform and manage construction impacts.	Perimeter fencing to be installed. The construction compound will also be sheltered behind trees within the Reserve.
	LV4	Not applicable to CCP works, operation only	-



EPR Category	EPR	Compliance	Timing, Consultation & Approval
Noise and Vibration (NV)	NV3	All works will be carried out to minimise construction noise impacts to sensitive uses (residences)	All works shall meet noise limits within NV3 Unavoidable Works process to be followed for night works
	NV4	All noise aspects shall be managed in accordance with the CNVMP	Compliance throughout the establishment, operation and decommissioning of the construction compound Community engagement as per CCEP NV aspects covered in EPR Plans, CEMP and WEMPs EPA consultation for relevant aspects CNVMP shall be applicable to this Plan Noise modelling to inform the anticipated controls required to adhere to the noise management levels as per CNVMP. Mitigations as per CNVMP during CCP (including monitoring) Site inductions and training cover this aspect Site environmental inspections for CCP
	NV1, NV2, NV5 – NV7, NV11 – NV16	Not applicable during Early Works or CCP works	-
Social and Community (SC)	SC1, SC3, SC4	The requirement to develop and implement a Communications and Community Engagement Plan will ensure SC1 and SC4 is appropriately managed in accordance to the EPRs	Compliance throughout the establishment, operation and decommissioning of the construction compound SC aspects will be covered within CEMP and WEMPs Site environmental inspections for CCP
	SC2, SC5	Responsibility of NELP. CPB to provide input where required. As per SC2, minimising the extent of construction compound land occupation is to be achieved by CPB with NELPs assistance.	Carron Street Construction Compound is to be occupied for the entire MWC & YVW work scope

EPR Category	EPR	Compliance	Timing, Consultation & Approval
	SC6, SC7, SC8	Not applicable to CCP works.	-
Surface Water (SW)	SW1, SW3, SW5	Discharge is not anticipated during the works within this Plan.	Compliance throughout Early Works and to a lesser extent CCP SW aspects will be covered within CEMP and WEMP Site environmental inspections for CCP
	SW6, SW7	These EPRs relate to flood risk which doesn't apply to this Construction Compound	-
	SW4, SW8 – SW10	Not applicable to CCP works	-
	SW2, SW11, SW12, SW14, SW15	Not applicable to Early Works or CCP works	-
Sustainability and Climate Change (SCC)	SCC1, SCC4, SCC5	A Sustainability Management Plan will be prepared in accordance with SCC1 and will provide management procedure to comply with SCC4 and SCC5	Compliance throughout the establishment, operation and decommissioning of the construction compound The construction compound has an opportunity to undertake sustainable initiatives such as integration of renewable energy, adherence to Wfs-5 Site Compounds in IS version 2.0, and water retention to contribute to the Project's sustainability objectives

EPR Category	EPR	Compliance	Timing, Consultation & Approval
Traffic and Transport (T)	<b>SCC2</b>	Greenhouse Gas emissions will be minimised through connecting the Construction Compound to electrical mains and purchasing green power rather than using generators. If generators are proposed, hybrid generators are preferred.	Green power or hybrid generators to be included in ITTs (Invitation to Tenders) for the site compounds.
	<b>SCC3</b>	Not applicable to Early Works or CCP works	-
	<b>T2</b>	Traffic shall be managed in accordance with the Transport Management Plan	Compliance throughout the establishment, operation and decommissioning of the construction compound Consultation with Department of Transport and Councils Transport aspects will be covered within TMP and WEMP Site environmental inspections for CCP
	<b>T1, T3, T4, T5</b>	Not applicable to CCP works	-

## Appendix B: IEA Verification

This will be included in this plan post IEA verification.



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SOLUTIONS  
FOR COMPLEX  
PROJECTS

**NELEW IEA Review and  
Verification Audit:  
Construction Compound  
Plan (CCP) Eastern Zone:  
WP9 Scope Site  
Compound – MWC & YVW  
works – Carron Street,  
Balwyn North**

**1 October 2020**

**NELP and CPB Contractors  
Pty Ltd**

**VERIFICATION  
STATEMENT AND  
REVIEW REPORT**

**Certified**



**Corporation**



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### Document title

NELEW IEA Review and Verification Audit:  
Construction Compound Plan (CCP) Eastern Zone:  
WP9 Scope Site Compound – MWC & YVW works –  
Carron Street, Balwyn North

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### Version

1.0

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### Date

October 2020

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### Prepared by

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### Approved by

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### File name

NP18124 NELEW IEA Verification Statement and  
Review Report – CCP Carron St, Balwyn – 201001

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# NELEW IEA Review and Verification Audit: Construction Compound Plan (CCP), Eastern Zone: WP9 Scope Site Compound – MWC & YVW works – Carron Street, Balwyn North



## 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), Eastern Zone: WP9 Scope Site Compound – MWC [Melbourne Water Corporation] & YVW [Yarra Valley Water] works – Carron Street, Balwyn North (hereinafter referred to as the CCP Carron Street, Balwyn North), 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), Eastern Zone: WP9 Scope Site Compound – MWC [Melbourne Water Corporation] & YVW [Yarra Valley Water] works – Carron Street, Balwyn North (Document #: NEL-EW-CPB-1300-EPA-PLN-0003; Revision: D; Dated: 25/09/20) 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).

### 3. Review Scope and Approach

Review of the CCP Carron Street, Balwyn North considered applicable Project contract requirements associated with the following:

- 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 CCP Carron Street, Balwyn North comprised:

- First version of the document submitted to the IEA:
  - Review of the document considering whether those Project contract 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 Project contract requirements to identify conditions that had: either not been addressed; or were not considered to have been adequately addressed within the document.
- The subsequent version of the document submitted to the IEA:
  - Review of the document considering whether findings/comments from the previous IEA review and Project contract 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 into a Comments Review Sheet (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.
- Subsequent versions of the document (Rev C and Rev D) were revised in response to comments from Booroondara Council and the Department of Environment, Land, Water and Planning (DELWP). The final revision (Rev D) was then submitted to the IEA to verify that the document complies with Project contract requirements.

Details of the CCP Carron Street, Balwyn North revisions subject to the Review and Verification Audit are provided in Table 3.1.

**Table 3.1: CCP Carron Street, Balwyn North 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
A	Initial document submitted to NELP and IEA for review	18/07/20	29/07/20	Not verified
B	Revised following IEA findings/comments on Rev A	25/08/20	01/09/20	01/09/20
D	The Document Approval table within the CCP states that it has been revised to incorporate both 'Boroondara Council consultation comments' (Rev C <sup>1</sup> ) and 'DELWP comments' (Rev D) and that 'Figure 3 updated to include alternate access options off Carron St'.	29/09/20	01/10/20	01/10/20

<sup>1</sup> Note: Rev C was not reviewed by IEA

## 4. IEA Review Findings

Findings/comments on the CCP Carron Street, Balwyn North have been made directly into the Comments Review Sheet (refer to Appendix A for IEA Review and Verification Audit findings/comments).

Findings/comments provided by the IEA on Revision A of the CCP Carron Street, Balwyn North were resolved by CPB to the satisfaction of the IEA in the initial verified version, Revision B.

IEA review of Revision D of the document did not identify any changes that were contrary to Project contract requirements. Consequently the IEA has provided no further comments on, and has verified, Revision D of the document.



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