# Watsonia Construction Compound Plan (CCP)

*Site Amenities & Temporary Works required to facilitate the Watsonia trench and TBM launch structures.*

## Vent Office Compound Stage 1

North East Link - Primary Package

| | |
|---|---|
| **Document number:** | NEL-CNT-SDC-2990-EPA-PLN-0001 |
| **Revision date:** | 23/06/2023 |
| **Revision:** | 2 |

**OFFICIAL**

PLANNING AND ENVIRONMENT ACT 1987

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

CONDITION 4.12 OF THE NORTH EAST LINK PROJECT INCORPORATED DOCUMENT, DECEMBER 2019

ENDORSED REPORT

SHEET 1 to 44

SIGNED.....
FOR
MINISTER FOR PLANNING

DATE.....3/8/23...

# Details of Revision Amendments

## Document Control

The Construction Environmental Representative is responsible for ensuring that this plan is reviewed and approved. The Construction Environmental Representative is responsible for updating this plan to reflect changes to construction, legal and other requirements, as required.

## Amendments

Any revisions or amendments must be approved by the Project Director in consultation with Project Co before being distributed / implemented.

## Revision Details

| Revision | Details | Date |
|---|---|---|
| A | Submitted to NELP for Review | 03/02/2022 |
| B | Post stakeholder consultation review. Submitted to NELP | 22/03/2022 |
| B.02 | Amended as per NELP review and submitted to DELWP for review. | 04/04/2022 |
| C | Sent to IREA for certification following DEWLP Draft review | 26/04/2022 |
| D | Resubmission to IREA for Certification with comments closed | 20/05/2022 |
| E | Resubmission to IREA for Certification with comments closed | 23/05/2022 |
| F | Resubmission to IREA for Certification with final comments closed | 10/06/2022 |
| G | Issue for Review for comment close out | 13/09/2022 |
| 0 | Issue for Use | 16/09/2022 |
| 0.01 | Issue for Review– close out of DELWP RFI | 05/10/2022 |
| 1 | Issue for Use | 07/10/2022 |
| 1.01 | Submission of amended plan to NELP for review | 13/06/2023 |
| 1.02 | Submission of amended plan to IREA for review | 20/06/2023 |
| 2 | Submission of amended plan to DTP | 23/06/2023 |

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## Definitions and Abbreviations

| Term/Abbreviation | Definition |
|---|---|
| Annual Exceedance Probability (AEP) | Defines the likelihood of a flood occurring in any given year. The most used definition in planning is the '1 in 100-year flood'. This refers to a flood level that has a one in a hundred, or 1%, chance of being equalled or exceeded in any year (1% AEP = 100-year average recurrence interval). |
| Business | Commercial activity in which the aim is to make a profit. |
| CCEP | Communication and Community Engagement Plan |
| CCP | Construction Compound Plan |
| 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.<br>As agreed with SPARK 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. |
| Community Facilities | Refers to recreational, social, or educational spaces (for example schools, sports ovals, or local halls) available for use by the local community. |
| Construction Compound | Long term compound, 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 Primary Package |
| CNVMP | Construction Noise and Vibration Management Plan |
| Decibel (dB) | A logarithmic scale is used to describe the level of sound, referenced to a standard level. It is widely accepted that a 3dB change in traffic noise levels (of the same character) is barely, if<br>at all detectable, whereas a change of 5 dB is clearly noticeable. A 10 dB increase is typically considered to sound twice as loud (noting a change of -10 dB would typically sound half as loud). |
| DELWP | Department of Environment, Land, Water & Planning |
| D&C | Design and Construction |
| D&C Contractor | Joint venture between the entities, Webuild S.p.A, GS Engineering & Construction Australia Pty Ltd, CPB Contractors Pty Ltd and China Construction Oceania Pty Ltd |
| 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 Primary Package under the Environment Effects Act 1978. |
| Environmental Management Framework (EMF) | The EMF is to provide a transparent framework to manage the environmental effects of the Project 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. |

| Term/Abbreviation | Definition |
|---|---|
| EMS | Environmental Management System |
| EPA | Environment Protection Authority Victoria |
| FFG | Flora and Fauna Guarantee Act 1998 (Vic) |
| 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 (IEA) | The independent party appointed by the Victorian Government to undertake environmental reviews and environmental audits of project activities including assessing compliance with the EMF. The Independent Environmental Auditor is a component of the Independent Reviewer and Environmental Auditor role. |
| Independent Reviewer and Environmental Auditor (IREA) | The Independent Reviewer and Environmental Auditor is appointed by the Victorian Government to perform two roles: review and environmental audit. The review role involves independent review of project activities including design reports, construction packages, and design and construction management. The Independent Environmental Auditor role is described above. |
| 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. |
| NML | Noise Management Level |
| Open Space | Land that provides outdoor recreation, leisure and/or environmental benefits and/or visual amenity. |
| PP | Primary Package |
| PPP | Public Private Partnership |
| Primary Package | Design, financing, construction and commissioning of the Works, including 6.5km twin three or four-lane tunnels, with interchanges at Manningham and Lower Plenty Roads and upgrades to Greensborough and Bulleen Roads. |
| Project Co | Spark North East Link Pty Limited as trustee of the Spark North East Link Trust |
| PSA | Planning Scheme Amendment |
| Project or North East Link | The North East Link project approved under the Incorporated Document. |
| Project boundary | The project boundary encompasses the area within which the project will be developed and is the area that is referenced in the Incorporated Document. |
| Reserve | Land reserved for community or public purposes. |
| 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. |
| Stakeholders | Stakeholders as specifically identified under Clause 4.5.5 (b-c) of the Incorporated Document. Also defined by person or group affected by or concerned with an issue. |
| SEM | Sequential Excavation Mining |

| Term/Abbreviation | Definition |
|---|---|
| Sensitive Receptors | 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 because of the Project. Sensitive receptors do not include public open space or places of work. |
| Shared use path | A shared use path (SUP) is a path that may be used by walkers and cyclists. For the Project shared use paths have been designed to be not less than three meters wide. |
| Spark | Consortium selected to deliver the primary package on the North East Link (NEL) |
| TBM | Tunnel Boring Machine |
| TIA | Traffic Impact Assessment |
| TPZ | Tree Protection Zone |
| UDS | Urban Design Strategy |
| Unavoidable works | Unavoidable works are defined in EPR NV3 and must be verified by the IEA as such for each instance they are undertaken.<br>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 and the definition of unavoidable works. |
| WEMP | Worksite Environmental Management Plan |
| YVM | Yarra Valley Water |

# 1 Project Overview

## 1.1 Purpose and Scope

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 Vent Office Compound for the Watsonia Construction Site, part of Stage 1.

A Construction Compound is a long-term compound comprising buildings for office, crib meals, ablutions and washing facilities located within a fixed boundary. The Construction Compound is established and operated in accordance with the approved CCP, and relevant Environmental Performance Requirements (EPRs) included in the approved Environmental Management Framework (EMF). It is not a Construction Site but supports construction activities.

A Construction Site comprises short term construction work areas or construction ancillary facilities such as but not limited to, temporary storage/laydown areas, bentonite plants and water treatment plants.

This approach to delineate Construction Compound and Construction Sites is consistent with previous CCPs approved for the Early Works Package of the North East Link (NEL) Project.

This plan describes the proposed activities, hours of operation and potential environmental and community impacts of the Watsonia Compound. This includes mitigation and management controls associated with the construction and operation of the proposed Compound that will support site establishment and ongoing construction as part of the Primary Package of the NEL.

## 1.2 North East Link Primary Package Overview

Spark North East Link Pty Limited as trustee of the Spark North East Link Trust (Project Co) has been contracted by The Minister for Transport Infrastructure for and on behalf of the Crown in right of the State of Victoria and the North East Link State Tolling Corporation (together the State) to deliver the Primary Package under a Project Deed dated 27 October 2021 (Project Deed).

The aim of the North East Link Project is to complete the missing link in Melbourne's orbital freeway between an upgraded Eastern Freeway and the M80 Ring Road.

The Design & Construction (D&C) Contractor has been contracted by North East Link to complete the missing link in Melbourne's orbital freeway between an upgraded Eastern Freeway and the M80 Ring Road. The D&C Contractor Project Co is responsible for delivering the Primary Package under a public–private partnership (PPP) framework encompassing:

- Design, financing, construction and commissioning of the Works, including 6.5km twin three or four-lane tunnels, with interchanges at Manningham and Lower Plenty Roads and upgrades to Greensborough and Bulleen Roads, as well as the Secondary Package (SP) Intelligent Transport System (ITS) Works
- Development of the SP Interface Zones Preliminary Design
- Undertaking the Services for the Primary Package and the Extended Operational Activities for the Extended Operational Area

The Secondary Packages will be designed and constructed by other parties.

Project Co has subcontracted the Development Activities (as defined in the Project Deed) to the unincorporated joint venture, comprising Webuild S.p.A, GS Engineering & Construction Australia Pty Ltd, CPB Contractors Pty Ltd and China Construction Oceania Pty Ltd (D&C Contractor) under the D&C Contract between Project Co and the D&C Contractor dated 27 October 2021 (D&C Contract).

The Primary Package has been split into multiple construction sites: Northern Construction Area, Manningham Construction Area, and Southern Construction Area.

Locations of the current proposed construction compounds that will support the construction activities for the NEL Primary Package are listed in Table 1. Separate CCPs will be prepared covering these construction areas as indicated in Table 1. The planned period of occupation of the Watsonia Vent Office construction compound (the subject of this CCP) is provided in Table 2.

**Table 1 Construction Compound Plans - Primary Package**

| Construction Area | Construction Compound Plans | Construction Activity supported |
|---|---|---|
| Northern | ▪ Winsor Reserve Spoil Handling Facility Compound<br>▪ Civil and Roads Compound<br>▪ TBM Compound<br>▪ **Vent Office Compound (this Plan)** | Comprises the Watsonia trench, Windsor Reserve Spoil Handling Facility Compound, Civil and Roads Compound and TBM launch structures and site installations.<br>The Vent Office Compound will support the construction of the piles and excavation works for the Ventilation Structure transition tunnel, construction of the Sequential Excavation Method of Ventilation Tunnel from Yallambie Road to Watsonia trench, construction of the Ventilation Tunnel via cut and cover method from Yallambie Road to South of Blamey Road and construction of Ventilation Building outside of the Simpson Barracks. |
| | ▪ Mobilisation Compound<br>▪ Structures Compound | Comprises the Lower Plenty cut and cover structures. |
| Manningham | ▪ Mobilisation Compound<br>▪ Structural/ M&E Compound<br>▪ SEM Compound | Comprises the Manningham cut and cover structures, the SEM Tunnel site installations and the operations and maintenance building. |
| Southern | ▪ Civil/ Structural/ Roads Compound<br>▪ Cut and Cover Compound | Comprises the Bulleen cut and cover structure, including the land bridge and the southern ventilation building. |

Four individual CCPs have been developed for compounds in the Watsonia Area. While the Compounds are located within proximity to each other the requirement for 4 compounds is based upon:

- Each compound supports construction activities different to the others
    - Winsor Reserve Spoil Handling Facility Compound
    - Civil / Roads Compound supports northern roadworks, piling and excavation works
    - TBM Compound supports Tunnel Boring operations
    - The Vent Office Compound will support the construction of the piles and excavation works for the Ventilation Structure transition tunnel, construction of the Sequential Excavation Method of Ventilation Tunnel from Yallambie Road to Watsonia trench, construction of the Ventilation Tunnel via cut and cover method from Yallambie Road to South of Blamey Road and construction of Ventilation Building outside of the Simpson Barracks.
- Each Compound requires supervisory and engineering staff located immediately adjacent to the works to directly manage all aspects of the works including WHS requirements
- Surface workers and subsurface workers are always segregated in their on-site facilitates due to the difference in nature of their works and the significant controls to strictly manage underground employees
- SEM support Compound (Vent Office) is further separated due to the nature of the plant and machinery directly supported by the Compound and to remove unnecessary interaction of personnel and plant as required by WHS legislation.

The Compounds cannot be consolidated into a single compound because:

- No available compound site is of sufficient size to support the gross white collar supervisory or blue-collar workforce numbers in any single (or two) locations
- The differing WHS requirements of each compounds supported construction activities
- The differing operational requirements of each compound
- The Compounds are mobilized and demobilised at different times to suit project finishing works

**Table 2 Indicative Timeframes**

| Compound Milestones | Timing |
|---|---|
| Mobilisation activities commence<br>Mobilisation of South Blamey Compound | Q4 2022<br>Q3 2023 |
| Occupation of the Compound | Q4 2022 |
| Demobilisation | Q4 2026 |

# 2 NEL Approvals

## 2.1 Primary Approvals and Incorporated Document Requirements

NELP has obtained the Primary Approvals for the North East Link that apply to the Primary Package. These Approvals include:

- Planning approval under the Planning and Environment Act 1987
- Cultural Heritage Management Plan (No. 15576) approved under the Aboriginal Heritage Act 2006
- Approval for works on Commonwealth land under the Environment Protection and Biodiversity Conservation Act (Cth) 1999
- Development Licence authorising the development and installation of the road tunnel ventilation systems for the NEL Project under the Environment Protection Act 2017

Planning approval for the NEL Project is facilitated through a Planning Scheme Amendment (PSA) (GC98), as gazetted on the 3rd 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.

This Plan is prepared in accordance with the Incorporated Document and its preparation is informed by other relevant project approvals including the approved (and amended) Environmental Management Framework (EMF) with Environmental Performance Requirements (EPRs).

Figure 1, below, illustrates the planning and environment approvals context for this Plan.

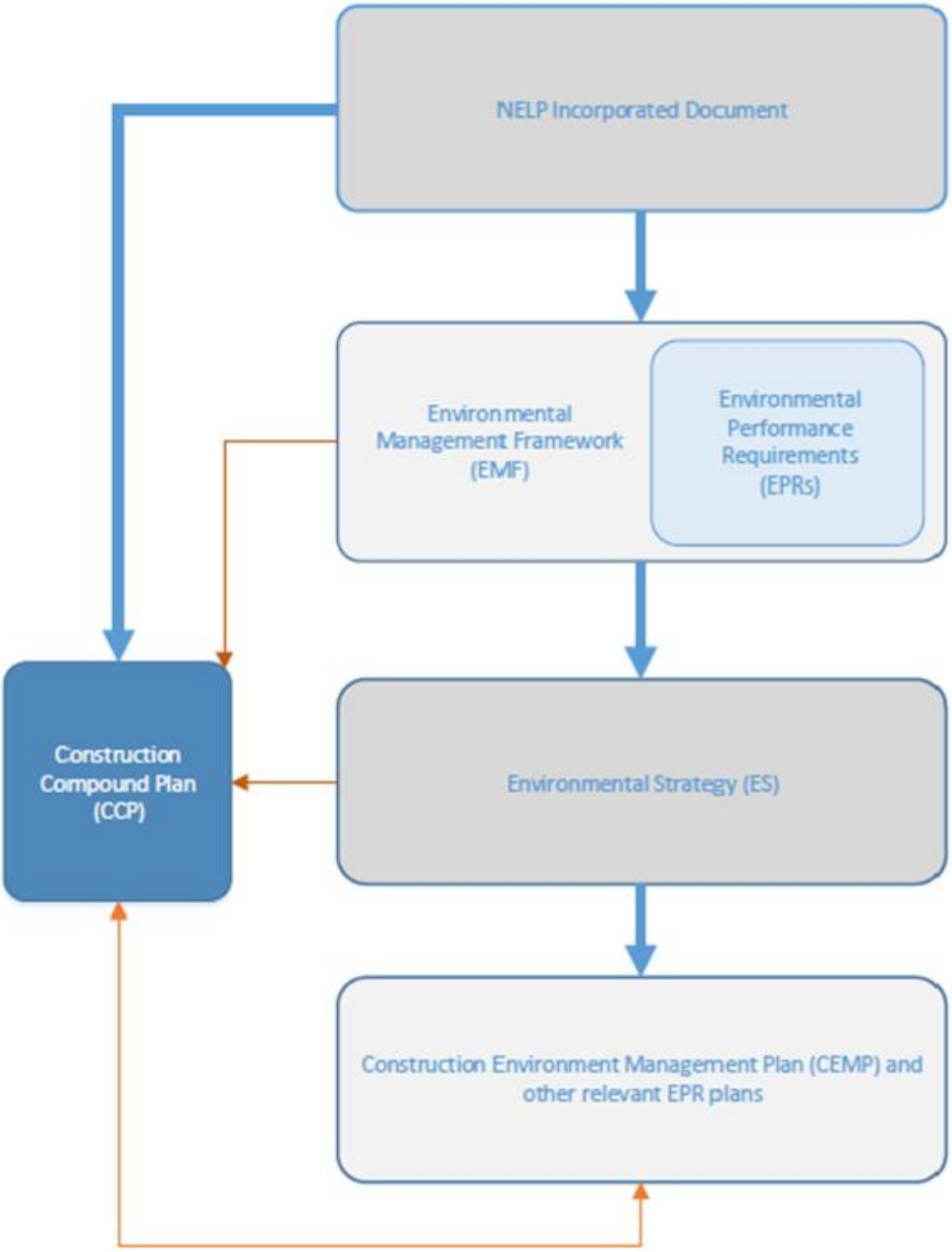



**Figure 1 CCP Planning Approvals Context**

### 2.1.1 Incorporated Document

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 Independent Environmental Auditor (IEA) verification and Minister for Planning acceptance of this Plan, presentation of the current version on a clearly identifiable Project website.

Clause 4.12 of the Incorporated Document outlines requirements for CCPs, including content requirements. These requirements are summarised in Table 3, 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 compound (as defined in Section 1.1) associated with construction of the NEL Project.

**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 2 |
| 4.12.2 b) | The estimated duration of activity within each compound. | Section 1.2 |
| 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 Compound on such land are not feasible or practical. | Table 2 |
| 4.12.2 d) | Demonstration that the Compound (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 3.4 |
| 4.12.2 e) | Demonstration that the categories of works proposed within the Compound are appropriate having regard to whether the land is flood prone, including any flood modelling where appropriate, or has any environmental sensitivity, and that the works will be suitably managed to address any flood risk. | Section 3.4<br>Section 3.7.1 |
| 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. | N/A |
| 4.12.4 | A CCP may be amended from time to time, to the satisfaction of the Minister for Planning. | Section 8 |
| 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. | Section 2<br>Section 7<br>Appendix A |

## 2.2 Secondary Approvals for the Watsonia Construction Compound Facilities

Table 4 details the requirements of Secondary Approvals that may be necessary to establish the Compound. These requirements are in addition to all requirements in the Project Scope and Delivery Requirements (PSDR)

**Table 4 Secondary Approvals**

| Legislation | Responsible Authority | Approval | Purpose/Location | Application to CCP001 (this Plan) |
|---|---|---|---|---|
| *Wildlife Act 1975* | DELWP | Management Authorisation for the salvage and handling of fauna | If works will require the salvage, handling, removal or destruction of wildlife | Not required for CCP001 – Works are within the footprint of the permanent works and all tree clearing and fauna management completed under construction site works |

| Legislation | Responsible Authority | Approval | Purpose/Location | Application to CCP001 (this Plan) |
|---|---|---|---|---|
| *Flora and Fauna Guarantee Act 1988* | DELWP | Permit/s to take protected species. | Ecology assessments will determine and address the need for a permit to remove protected flora | Not required for CCP001 – Works are within the footprint of the permanent works and all tree clearing and fauna management completed under construction site works<br><br>No vegetation is required to be removed as a result of the Compound facility |
| *Road Management Act 2004* | City of Banyule | Working within a road reserve permit | Local streets associated with the works | Not required for CCP001<br><br>No changes or impacts to local streets. |
| *Road Management Act 2004* | Department of Transport | Working within a road reserve permit | Greensborough Hwy may require a road reserve permit. | Not required for CCP001 No road reserve works required for the establishment of this compound |
| *Heritage Act 2017* | Heritage Victoria | Permit/s to impact places on Victorian Heritage Register (VHR), and consents for impacts on places on the Victorian Heritage Inventory (VHI). | In the event that a works will impact on a registered place. | Not required for CCP 001<br><br>No VHI or VHR places identified at the site |
| *Victorian Planning Provisions – Banyule Planning Scheme* | DELWP | North East Link Incorporated Document conditions, including native vegetation removal and Environmental Performance Requirements. | Works within the project boundary. Removal of native vegetation (to be confirmed based on findings from arborist/ecologist assessment) Note: Any removal of vegetation outside the project boundary which may be required to gain access to project land, would need to be assessed under the Planning Scheme requirements. | Not required for CCP 001<br><br>No Native vegetation will be removed for the purposes of establishing this compound as the Compound location is sited within the permanent works footprint |
| *Aboriginal Heritage Act 2006* | | Compliance with CHMP requirements | The Compound location is located immediately adjacent to sensitive receptors including Yarra River banks and Bolin Bolin precinct | There are no CH overlays impacted by the Compound |

# 3 Vent Office Compound

The Watsonia Vent Office Compound will support the construction of the Ventilation Structure transition tunnel, construction of the Ventilation Tunnel via Sequential Excavation Method and via cut and cover and construction of Ventilation Building outside of the Simpson Barracks including connections to the TBM Tunnels.

The Watsonia Vent Office Compound described in this plan is located on Greensborough Road, Macleod in the Northern Construction Area. The location of the construction site in relation to the Compound, environmental features and potentially affected receivers are shown in Figure 5.

The land is in the municipality of Banyule City Council and includes park land and recreational facilities, residential and Commonwealth land (Simpson Barracks). The Compound is situated within the designated Project Boundary and lies within the permanent footprint of the permanent works.

Each site plan provides further detail on the facilities being mobilised that will be utilised by Spark and subcontracted staff.

Where further amendments to this plan may be required, these are outlined and detailed in section 3.1 of this document.


**Figure 2 Indicative Compound Location and Watsonia Construction Site**

## 3.1 Compound

Figure 3 outlines the Compound and facilities within, their purpose and what construction activities the Compound will support. Location and details of the Compound are indicative and may be subject to minor layout changes if generally in accordance with the approved CCP. These changes will be based on subcontractor optimisation of the Compound layout.

In line with the definition of a Construction Compound (Section 1.1), a summary of compound inclusions for each compound is outlined as follows:

- The Vent Office Compounds are single storey facilities and proposed to contain the following facilities:
  - Office facilities for white collar supervisory and support staff
  - Training/prestart room for blue collar workers (located within the office facility)
  - Lunch & crib sheds
  - Bathhouse for underground workers
  - Male and Female Ablution facilities
  - First Aid Room
  - Hardstand below walkways
  - Barriers & temp fencing
  - Hardstand, blocks and pads to land and tie down sheds
  - Services connections – Water, Sewer, Power, Data
  - Minor Car park
  - Waste and recycling facilities

The Compound north of Blamey Road will generally house workforce amenities and offices for supervisory personnel and the Compound south of Blamey Road will house additional primary workforce amenities and facilities that are in close proximity to the work area if required during the event of wet weather and emergencies.

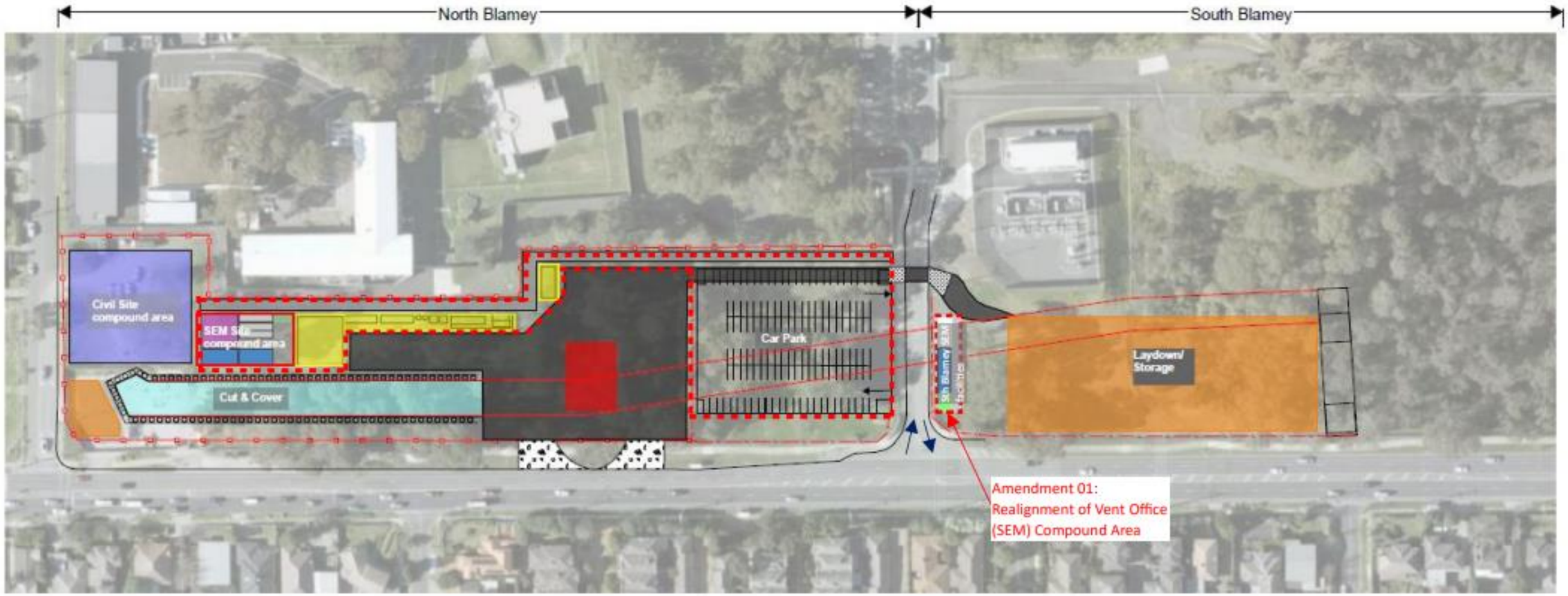
*The below summarises the Compound Uses and the Supported Construction Activities.*

| Vent Office Compound Uses by SPARK | Construction Activities Supported by the Vent Office Compound |
|---|---|
| ▪ Office Amenities for white collar workforce<br>▪ Blue-collar Workforce Amenities including buildings for bathrooms, first aid and a meals/crib room<br>▪ The holding of site safety briefings each morning<br>▪ Localised staff car parking<br>▪ Materials Storage, generally in containers, or where the storage of materials outside of the Compound would create a security risk<br>▪ Storage of hazardous substances in compliance with AS 1940:2017<br>▪ Storage of tools, equipment and non-hazardous substances within shipping containers | ▪ Construction of the piles and excavation works for the Vent Structure transition tunnel<br>▪ Construction of the Sequential Excavation Method of Vent Tunnel from Yallambie Road to Watsonia trench<br>▪ Construction of Vent Tunnel via cut and cover method from Yallambie Road to South of Blamey Road<br>▪ Construction of Ventilation Building outside of Simpson Barracks down to the TBM smoke ducts*<br><br>* The smoke ducts are structures that connect to the Ventilation Building to extract smoke if required, during tunnel operations. |

The below outlines and describes amendments to this plan as required by Project works.

| Amendment No. | Date | Location | Description |
|---|---|---|---|
| 2 | 23/06/23 | South Blamey, adjacent Blamey Road | Updated Figure 3 (Site Layout Plan) to include re-configured crib layout (one-storey) at South Blamey to align with batter location. Cribs (including first aid room, crib room and toilet as previously endorsed) are placed in line along the |

| Amendment No. | Date | Location | Description |
|---|---|---|---|
| | | | Blamey Road fence line with a covered walkway.<br><br>Updates to Figure 2, Figure 3 and Figure 5 have been made for this amendment. A new Figure 4 has also been included showing proposed crib layout re-alignment overlay on previous layout.<br><br>Tables 2 and 8 have been updated to include mobilisation dates (Q3 2023) for the re-aligned South Blamey crib. |




LEGEND

- Entry and Exit Cross overs
- SEM Site Office
- Civil Site Compounds
- Crib Rooms
- Storage (Work Shop, Store, chemical, fuel, Substation, etc.)
- Site fence line
- Hoarding
- C&C Vent Tunnel Alignment
- Compound covered area
- Vehicle Access
- First Aid room
- Ablution
- Vehicle path
- Pedestrian Walkway
- Laydown/storage area
- Spoil Bin
- Blamey Rd Cross over
- Future C&C Vent Tunnel Alignment
- Compound Area

**Figure 3 Indicative Vent Office Compound**

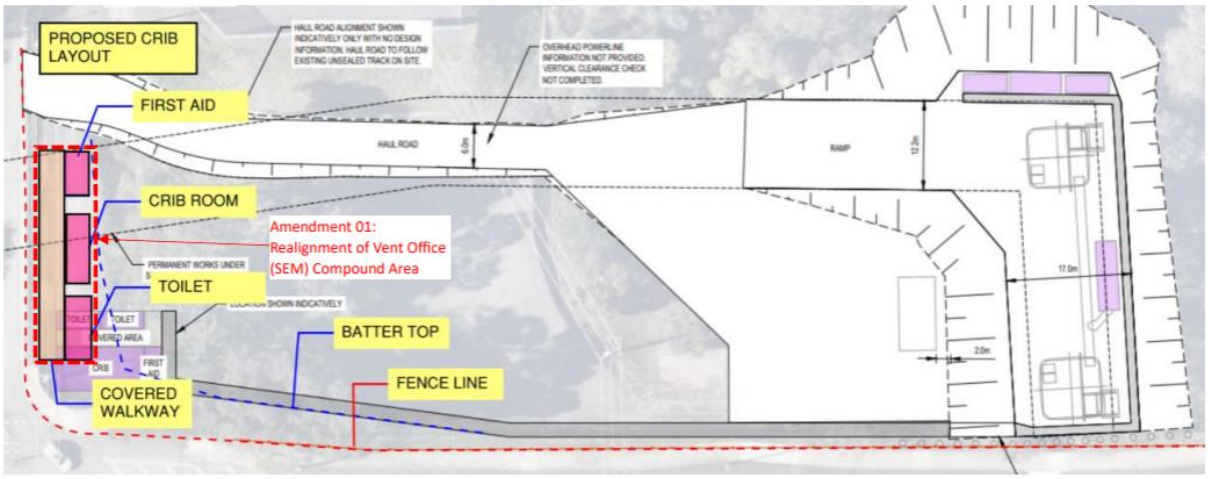



**Figure 4 South Blamey Crib Re-alignment Overlay on Previous Layout**

## 3.2 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 Watsonia Construction Compound may have the potential to impact on the following sensitive users:

- Residents on the following streets:
  - Somers Avenue
  - Torbay Street
  - Cooley Ave
  - Reid Walk
  - Fairlie Ave
  - Greensborough Road
  - Yallambie Road
  - Watson Street
- For traffic – Torbay Street and Yallambie Road
- Businesses:
  - Early Learning Child Care Centre
  - Comfort Inn Greensborough
  - Specialist Dental Centre
- Sports and Recreation Facilities:
  - Winsor Reserve (Macleod Cricket Club and Macleod Junior Football Club)
- Simpson Barracks (Department of Defence)

These sensitive receptors in relation to the Compound placement and the overall construction work boundary are shown in Figure 5.

Section 3.3 includes a discussion of how selection of the site seeks to avoid, minimise and mitigate impacts on these sensitive receptors. Further details on measures that will be taken to mitigate impacts on sensitive receivers in accordance with the relevant EPRs is provided in Section 3.7.

Consultation and engagement are ongoing in relation to the management of these sensitive receptors and is detailed within Section 6.

All sensitive receptors and impacted stakeholders have been consulted throughout the finalisation of this CCP.


**Figure 5 Construction Site location with nearby sensitive receptors and environmental features**

## 3.3 Justification of Local and Use of Compound

The selection of the location of the Compound was cognisant of the following factors and constraints:

- The land lies within the permanent footprint of the development activities
- The Compound is able to maintain operability until project completion and is not subject to a further move
- The Compound does not require any additional tree clearing for the purposes of the Compound
- The Compound is not on public land
- The Compound is immediately adjacent to the construction works supported by the Compound which is critical to the safe and efficient construction of an SEM tunnel
- Be of sufficient size to allow its safe operation for the intended purpose of the Compound
- Be of sufficient size to provide the intended function for the workforce in the one locality
- Does not impede existing Pedestrian and vehicular access
- Is within proximity of major public transport facilities for workforce accessibility and to minimise personal vehicle traffic
- Access to compound via existing arterial road infrastructure only
- No impacts to existing businesses (commercial and retail) including no impacts on existing street exposure, vehicular and pedestrian access and parking amenities.

The site selected is not directly adjoining a sensitive residential receptor, however it is adjacent to the Simpson Barracks with the Department of Defence having been consulted on the position of the Compound.

Car parking for the Compound will be shared with the Civil and Roads compound and will progressively be developed as the underground works in this area are finalised

The Compound is deemed to have a minimal impact in terms of the following aspects:

- **Future Land Use:** The Compound will be located on land within the footprint of the Primary Package works.

- **Proximity to Works:** Although the construction compound is within proximity to residential areas, the Compound is placed as far as practicable to reduce noise, vibration, and lighting impacts.

- **Sensitive Users:** As the construction compound is within proximity to residential areas, the Compound is placed as far as practicable to reduce noise, vibration, and lighting impacts. All existing footpath and cyclist connectivity will be maintained where practical and safe to do so. This is a requirement of all worksite traffic management plans. Where required, appropriate long-term pedestrian / cyclist detour around the site for the duration of the construction period.

- **Business Impacts:** Impacts to nearby businesses are expected to be minimal (see Figure 5 for locations). Nearby businesses include the Watsonia Shopping Precinct, Watsonia Station, a childcare centre, and a hotel. A Business Disruption Mitigation Plan will be developed to address impacts to these businesses, propose mitigations and outline engagement to take place with local businesses. Impacts to businesses due to the increased heavy vehicle movements will be managed in consultation with Banyule City Council and the Traffic Management Liaison Group.

- **Cultural Heritage:** The area does not feature any direct impacts with identified Aboriginal Cultural Heritage (CHMP 15576).

- **Flooding:** The Compound is not subject to a Floodway Overlay or Land Subject to Inundation Overlay (LSIO) in the Banyule Planning Scheme.

- **Flora and Fauna/Arboriculture:** As the Compound is located on land within the footprint of the Primary Package works, this removes the need for additional vegetation clearing to facilitate the Compound installation.

Some of the primary considerations in siting this compound include:

**Table 5 Compound Considerations**

| Incorporated Document Requirement | Details of Implementation – Vent Office Compound |
|---|---|
| Avoid | Avoids need for additional vegetation removal for compound establishment as all trees in the area are cleared for permanent works<br>Avoids impacts to protected flora and fauna |
| Minimise | Minimises impact to residents on western side of Greensborough Road as compound is sited as far as possible from residents<br>Minimises traffic impacts by providing access to the site from Greensborough Road (State Controlled) and not Council controlled roads |
| Mitigate | No flooding impacts at this site<br>No protected flora or fauna at this site |

Furthers details are provided in Table 6.

## 3.4 Alternate Locations Consideration

Spark considered the following locations for this site:

- Option A – The Proposed location
- Option B – Winsor Reserve

Other areas within the project footprint immediately adjacent to Greensborough Road were considered however these were deemed not suitable as no other existing land parcels met the requirements of providing site facilities adjacent to critical work areas. No further locations were considered outside of the project boundary.

The table below summarises key reasons for the choice of the preferred Option.

**Table 6 Compound Options Consideration**

| Description | Option A | Option B |
|---|---|---|
| Is the site within the permanent footprint of the works or has the site been allocated for use as a temporary works facility? | Yes | Yes |
| Is the land available when the Compound is required to be constructed? | Yes | Yes |
| Is access to the Compound available from existing road network with suitable signalised intersections to State controlled roads? | Yes | Yes |
| Is the Compound on public use land? | Yes | Yes |
| Is the site immediately adjacent to the works area? | Yes | No |
| Is it possible to reasonably perform SEM tunnelling activities from this location? | Yes | No |
| Are any trees required to be removed for the purposes of temporary facilities only? | No | Yes |
| Is the site susceptible to flooding at current levels? | No | No |
| Would the Compound at this location impede construction of the works including spoil handling from tunnelling operations? | Yes | Yes |
| Would the Compound need to be moved during construction? | Yes | Yes |

Table 7 provides a high-level assessment of site options for the preferred location.

**Table 7 Site Selection Assessment**

| Impact | Avoid? | Minimise? | Mitigate? | Comment |
|---|---|---|---|---|
| Tree Removal | | ✓ | | No additional tree/ vegetation removal required for the sole purpose of Construction Compound as the Compound sits within the footprint of permanent works |
| Future Land Use | | | ✓ | The site would form part of the Primary Package footprint and would not be restored. |
| Proximity to Works | | ✓ | | Has utility provisions so connection to existing services can be done sooner<br>Close to main construction site for site establishment activities<br>Located within footprint of the works<br>Located within the footprint of preliminary design for NELP Project |
| Sensitive Users | | ✓ | | Close to Greensborough Road to minimise access to residential streets.<br>Not directly adjacent to residences. |
| Business Impacts | ✓ | | | Unlikely to impact local business |
| Cultural Heritage | ✓ | | | CHMP prepared for the site |
| Flooding | ✓ | | | Not subject to flood mapping overlays (floodway overlay and land subject to inundation overlay) |
| Flora and Fauna/ Arboriculture | | ✓ | | No tree/ vegetation removal required for the sole purpose of Construction Compound as the Compound sits within the footprint of permanent works<br>The north-east portion of the Compound site is subject to vegetation protection overlay. |

## 3.5 Work Activities and Timing

The establishment works of the Compound will commence in Q4 2022, noting the South Blamey Compound subject to this amendment will mobilise in Q3 of 2023.

Once established, the Compound will remain in place until the end of the project in Q4 2026 and will service all finishing activities. At project completion the Compound will be demobilised. and the land parcel restored to pre-construction condition.

It is expected to take approximately 12 weeks to establish the Compound as outlined in Table 8. These works will occur during EPR prescribed working hours.

**Table 8 Vent Office Compound (setup activities and indicative timings)**

| Compound | Occupation | Mobilisation Duration | Work activities |
|---|---|---|---|
| Vent Office Compound | Q4 2022 – Project End | Commencing Q4 2022 for approximately 12 weeks<br><br>Commencing Q3 2023 for South Blamey Compound | Week 1:<br>▪ Setup environmental controls & monitoring for air, noise and vibration as per the Worksite Environmental Management Plan (WEMP)<br>▪ Temp fencing erection, hoarding and site delineations<br>▪ Survey and set out<br>Week 2-5:<br>▪ Site clearing & grubbing |

| Compound | Occupation | Mobilisation Duration | Work activities |
|---|---|---|---|
| | | | ▪ Level, hardstands<br>▪ In ground services & connections commenced including trenching<br>▪ Permanent perimeter fencing<br>▪ Crossovers, gates & stabilise entry and exit points.<br>Week 5- 9:<br>▪ Prep & seal carparks, line marking, signs, stops etc.<br>▪ Concrete walkways, footings and blocks<br>▪ Land and assemble all compound sheds (mobilise mobile cranage to achieve)<br>Week 10-12:<br>▪ Build covered ways<br>▪ Wiring, roofing & plumbing<br>▪ Installation of security lighting<br>▪ Provision and establishment of minor landscaping |

## 3.6 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 Construction Environmental Management Plan (CEMP), Communication and Community Engagement Plan (CCEP) and Construction Noise and Vibration Management Plan (CNVMP).

The Construction Compound shall support works to deliver the Ventilation Structure transition tunnel, construction of the Sequential Excavation Method of Ventilation Tunnel from Yallambie Road to Watsonia trench, construction of the Ventilation Tunnel via cut and cover method from Yallambie Road to South of Blamey Road and construction of Ventilation Building outside of the Simpson Barracks including connections to the TBM Smoke Ducts used during tunnel operations.

The following work activities would typically occur in the Compound:

- Amenities for personnel; including buildings for bathrooms, change rooms, first aid and a meals/crib room
- Management and supervision of works
- Pre-start meetings
- Staff Carparking and minor deliveries
- Storage of hazardous substances in compliance with AS 1940:2017
- Storage of tools non-hazardous substances within shipping containers

### 3.6.1 Working Hours

The primary use of the Compound will align with EPR prescribed Working hours.

**EPR Prescribed Working Hours:**

- Monday to Friday: 7am to 6pm
- Saturday: 7am to 1pm

Where night-time operation is required (including spoil removal for SEM Tunnelling operations) the Unavoidable Works procedure of the CNVMP will apply. A summary of the Unavoidable Works procedure is provided as follows

**Unavoidable Works:**

If avoidable works are required outside standard working hours, the Compound will be required to operate within the target guideline noise levels of the CNVMP.

If works that are to occur outside of normal working hours cannot meet the weekend or shoulder period noise targets of EPR NV3 then the activity must meet the definition of ‘Unavoidable Works’ and be verified as such by the IEA.

EPR NV3 provides the definition of unavoidable works; they require road or rail occupations, are emergency or safety works, involve tunnelling or demonstrates and justifies a need to operate outside

normal working hours and exceed the noise guideline targets. Noise modelling will be undertaken to establish predicted noise levels and noise mitigations will be implemented as per the CNVMP. The IEA must verify unavoidable works prior to commencement of the noise generating activity.

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.). Spark will work closely with NELP and the IEA to carefully coordinate works to ensure there is minimal inconvenience to the community.

## 3.7 Management of Impacts

Section 3.7 relates to the impacts from the Compound only. All impacts associated with the Construction activities supported by the Compound will be addressed in the CEMP, WEMP, SEP and CEMP Subplans.

Work activities have been located to avoid impacts to sensitive receptors where possible. For example, air conditioning units have been designed so the noise generated by the units are faced away from sensitive receptors.

The Compound will have fixed ply hoarding 2.4m high at all boundaries interfacing with sensitive receptors (including residential properties).

Potential impacts associated with establishing and operation of the Compound have been identified by assessing sensitive uses, compound activities (e.g., vegetation clearing for placement of compound), and compliance with EPRs.

This section describes the application of controls associated with avoiding and mitigating impacts through the implementation of the project management plans required by the EPRs including the CEMP and sub plans, Transport Management Plan and the CCEP. The WEMP covering each compound will prescribe the site-specific environmental management measures to mitigate the risks and impacts in establishing and operating the Compound facilities. Refer to Table 9 for a high-level description of Spark's Environmental Management System (EMS), including documents and plans. More information can be found within the CEMP.

### 3.7.1 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 Primary Package and, where applicable, for this Plan. The plans required by the EPR listed in Table 9 will be implemented for activities associated with the Primary Package.

**Table 9 Primary Package – Management Plans required by EPR**

| Required Management Plans | Relevance to this Plan |
|---|---|
| Dust and Air-quality Management and Monitoring Plan (AQ1) | The Dust and Air Quality Management and Monitoring Plan details the 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. |
| Tree Removal Plan and Canopy Replacement Plan (AR1, AR3) | Tree Removal Plan and Canopy Replacement Plan outlines the broad Primary Package management procedures that will be followed by the construction compound works.<br><br>Definitive tree removal guidance will be outlined in the Watsonia WEMP. These documents will be informed by site specific arboricultural and ecological reports for all trees that are to be removed associated with the Watsonia Compounds. |
| Tree Protection Plans (AR2) | Tree Protection Plan to be followed for Construction Compound works. This plan outlines management procedures in relation to site tree protection measures including establishing tree protection zones for retained vegetation. Definitive tree protection guidance will be outlined in the Watsonia. These documents will be informed further by site specific arboricultural and ecological reports for all trees that are to be protected associated with the Watsonia Compounds. |
| Spoil Management Plan (CL1) | Spoil Management Plan will be used to inform the management of spoil including but not limited to; stockpiling, soil categorisation, transportation and disposal associated with works within the construction compound.<br>Site specific soil management guidance will be outlined in the Watsonia WEMP. |

| Required Management Plans | Relevance to this Plan |
|---|---|
| Construction Environment Management Plan (CL5) | A CEMP will be used to inform the management of hazardous chemicals including but not limited to: storage, bunding requirements associated with works within the Compound.<br>Site specific soil management guidance will be outlined in the relevant WEMP. |
| Ground Movement Plan (GM2) | The Ground Movement Management Plan is utilised to assess the risk of ground movement from construction and use of the Compound. This plan will inform site specific management controls in the Watsonia WEMP. |
| Groundwater Management Plan (GW1) | The Groundwater Management Plan will be used to assess the impacts of the construction compound on the groundwater in the area. This plan will inform site specific management controls in the Watsonia WEMP. |
| Archaeological Management Plan (HH2) | The Archaeological Management Plan will be used to assess the potential for impacts of the construction compound on historical heritage places.<br>Note: Cultural heritage will be managed in accordance with the approved Cultural Heritage Management Plan (15576). |
| Construction Noise and Vibration Management Plan (NV3) | The CNVMP outlines the monitoring and guidelines to minimise noise impacts on sensitive receptors outlined in Section 3.2. Definitive noise and vibration management guidance will be outlined in the relevant WEMP. These documents will be informed by noise and vibration assessments where required associated with Watsonia construction site and its surrounds. |
| Construction Noise and Vibration Management Plan – Simpson Barracks (NV9) | The Simpson Barracks CNVMP outlines the monitoring and guidelines to minimise noise impacts on sensitive receptors outlined in Section 3.20. Definitive noise and vibration management guidance will be outlined in the relevant WEMP. These documents will be informed by noise and vibration assessments where required associated with Watsonia construction site and its surrounds.<br>A Noise and Vibration Impact Assessment (NVIA) will ensure that EPR requirements of vibration at Building 166 are complied with. |
| Surface Water Management Plan (SW5) | The Surface Water Management Plan outlines guidelines to minimise surface water impact on nearby waterbodies.<br>This plan will inform site specific management controls in the Watsonia WEMPs. |
| Sustainability Management Plan (SCC1) | The Sustainability Management Plan is utilised to assess compound sites for sustainable opportunities. |
| Transport Management Plan (T2) | The construction compound has various interfaces 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 to keep the Compound environment safe and limit impact to nearby sensitive receptors. |
| Flood Emergency Management Plan (SW7) | The Flood Emergency Management Plan considers measures applicable to the Compound, including evacuation procedures to manage impacts of flooding. Watsonia Construction Site is not subjected to flood risk, therefore will not require further flood management controls. |
| Communication and Community Engagement Management Plan (CCEMP) | The works within the construction site will be undertaken as per CCEP. Communication and Community Engagement has been referenced as per Section 6 of this Plan. |

The requirements of these Management Plans, and other EPR related plans which may be applicable to this CCP, are addressed in Worksite Environmental management Plan (WEMP) NEL-CNT-SDC-2990-EEE-MPL-0021. The WEMP details the specific requirements and controls to avoid and mitigate environmental impacts resulting from the Construction Compound activities.

### 3.7.2 Preliminary Risk Assessment and 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 3.6, the risks below have been identified with proposed controls to manage this risk associated with compound mobilisation activities.

From the assessment below some aspects of compound establishment and operation have specific environmental and / or community sensitivities. These sensitivities, specifically air quality, ecology, arboriculture, landscape and visual, noise, surface water and waste impacts are highlighted because they are most relevant. Environmental risks and controls listed below will be further informed by pre-construction environmental assessments, these controls will then be contained in the WEMP associated with the construction activity.

**Table 10 Risk Assessment**

| Relevant EPRs to this Compound | Environmental Aspect | Potential risks | Initial risk level |
|---|---|---|---|
| AH1 | Aboriginal Heritage (AH) | Unexpected discovery and potential disturbance or impact to cultural heritage | Low |
| AQ1 | Air Quality (AQ) | Dust generation causing potential human health impacts<br><br>Deposition on buildings and vehicles<br><br>Odour | Low |
| AR1, AR2, AR3, FF1, FF2, FF3, FF4, FF5, FF6, FF9, FF10 | Arboriculture (AR) / Flora and Fauna (FF) | For the Vent Office Compound there are minimal native trees and amenity trees impacted by the location. | Low |
| LV2, LV3 | Landscape and visual (LV) | Light spill during the use of compound office outside of the standard working hours resulting in impact on sensitive receptors | Low |
| NV3, NV4, NV10 | Noise and Vibration (NV) | Nuisance noise generated by operation of the Compound<br><br>Community concern / complaint<br><br>Noise impact from morning pre-starts | Med |
| SW1, SW3, SW5, CL5 | Surface Water (SW) | Adverse impacts to water quality<br><br>Adverse impacts to aquatic flora and fauna<br><br>Disturbance of watercourse stability, waterway modification<br><br>Uncontrolled release of poor-quality water (turbid, high/low pH, other)<br><br>No flooding impacts exist as a result of this Compound<br><br>Storage, bunding requirements associated with works within the Compound. | Low |
| LP1 | Land Use Planning | Land use impact to residents | Low |
| SC1, SC2, SC3, SC4, B1, B2, B3, B4, B6, B7, B8 | Social and Community/ Business | Impacts on formal active recreation and other facilities including childcare centres<br><br>Amenity impacts on businesses impacted by the Compound<br><br>Damage to utility assets<br><br>Impacts to nearby businesses | Med |

| Relevant EPRs to this Compound | Environmental Aspect | Potential risks | Initial risk level |
|---|---|---|---|
| SCC1, SCC2, SCC4, SCC5 | Sustainability and Climate Change | Environmental impacts associated with waste facilities at the Compound.<br>Environmental impacts associated with resource consumption | Low |
| T2 | Traffic and Transport | Impacts to the community in relation to pedestrian and cyclist infrastructure, shared user pathways, public transport routes, parking and access to local roads.<br>Impacts to operational capacity of the local road network and intersections. | Med |

# 4 Management of Environmental Sensitivities

From the environmental risk and EPR compliance assessment in Table 10, some aspects of the Compound have specific environmental and / or community sensitivities. These sensitivities and their risks and controls are in Table 11.

**Table 11 Residual Risk Assessment**

| Relevant EPRs to this Compound | Potential risks | Initial risk level | Key controls | Residual risk level |
|---|---|---|---|---|
| **Aboriginal Heritage (AH)** | | | | |
| AH1 | Unexpected discovery and potential disturbance or impact to cultural heritage | Low | All works shall be managed in accordance with the approved Cultural Heritage Management Plan (CHMP 15576). Spark shall comply with the CHMP requirements and in consultation with the Registered Aboriginal Party and Aboriginal Victoria.<br><br>Cultural heritage inductions will be provided for all personnel involved in ground disturbing activities associated with the establishment works for the Compound. | Low |
| **Air Quality (AQ)** | | | | |
| AQ1 | Dust generation causing potential human health impacts<br><br>Deposition on buildings and vehicles<br><br>Odour | Low | Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in WEMP NEL-CNT-SDC-2990-EEE-MPL-0021.<br>▪ Dust generation will be kept to a minimum when establishing the Compound.<br>▪ Construction compounds to be asphalted/sealed roads to minimise dust associated with vehicle movements.<br>▪ During construction of compounds, dust mitigation techniques will be used including water carts to minimise impacts on sensitive receivers.<br>▪ Mud tracking and dust on roads to be minimised through use of stabilised site exits established prior to the construction of the Compound.<br>▪ Wheel Wash facilities will be installed at site entry and exit points<br>▪ Weather conditions when compound establishment activities occur will reduce the risk of nuisance dust been generated due to wetter weather | Low |
| **Arboriculture (AR) / Flora and Fauna (FF)** | | | | |
| AR1, AR2, AR3, FF1, FF2, FF3, FF4, FF5, FF6, FF9, FF10 | For the ***Vent Office Compound*** there are minimal native trees and amenity trees impacted by the location. | Low | While there are no trees required for removal as a result of this compound, the below requirements would apply for the areas covered by the Construction Site.<br>An ecological assessment will be undertaken prior to works commencing to:<br>▪ Determine the requirement for a permit under the Flora and Fauna Guarantee Act 1988 (FFG Act), these will be obtained as required.<br>▪ 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.<br>▪ 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.<br><br>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 | Low |

| Relevant EPRs to this Compound | Potential risks | Initial risk level | Key controls | Residual risk level |
|---|---|---|---|---|
| | | | 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 WEMP NEL-CNT-SDC-2990-EEE-MPL-0021.<br>Prior to any disturbance, clearing or grubbing activities in any locations the following must be in place:<br>▪ An internal Permit to Clear (including pre-clearing checklist). Followed by a post-clearing checklist.<br>▪ 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).<br>▪ A wildlife catcher/spotter with Management Authorisation under the Wildlife Act 1975 must conduct a search for any wildlife that may need to be removed and relocated, immediately prior to habitat removal.<br>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 WEMP. Any damage to No-go Zone fencing or signage must be reported to supervisor or Environment Manager immediately.<br>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:<br>▪ AR1: Tree Removal Plan and Canopy Replacement Plan<br>▪ AR2: Tree Protection Plan<br>▪ CEMP<br>A detailed arborist assessment will be undertaken prior to works commencing to determine the exact extent of tree impacts due to the Construction Compound. 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.Any trees that will remain in the Watsonia Construction Site will be protected by temporary fencing in accordance with the TPZ requirements in the Tree Protection Plan.<br>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:<br>▪ To the extent agreed to with the Environment Team and or the Project Arborist<br>▪ Constructed from 1.8m temporary fence panels or paraweb fencing that is secured to metal pickets using fencing wire or similar.<br>▪ Braced as required to provide an adequately robust structure, and signage used to designate area as TPZ/No Go Zone. | |

| Relevant EPRs to this Compound | Potential risks | Initial risk level | Key controls | Residual risk level |
|---|---|---|---|---|
| | | | Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in WEMP NEL-CNT-SDC-2990-EEE-MPL-0021.<br>▪ Retaining trees would improve shading and reduce cooling requirements in the site facilities.<br>▪ Access to the Compound is to be carefully planned to avoid other native trees outside of the Compound boundary.<br>▪ Established Tree (and / or vegetation) Protection Zone (TPZ).<br>▪ Fencing in accordance with the Tree Protection Plan<br>▪ Project Arborist to supervise any works including installing crib huts under tree canopies.<br>The Compound is located within the footprint of permanent design for the Project to minimise the loss of trees. | |
| **Landscape and visual (LV)** | | | | |
| LV2, LV3 | Light spill during the use of compound office outside of the standard working hours resulting in impact on sensitive receptors | Low | ▪ Where the Compound is operating outside standard hours, lighting towers/security lighting will be angled and placed to avoid impact on nearby sensitive receptors.<br>▪ Perimeter fencing/hoarding to be installed around the Watsonia Construction Site.<br>▪ Vegetation to be kept where possible to minimise light spill. | Low |
| **Noise and Vibration (NV)** | | | | |
| NV3, NV4, NV10 | Nuisance noise generated by operation of the Compound<br><br>Community concern / complaint<br><br>Noise impact from morning pre-starts | Med | **Noise modelling**<br><br>Noise modelling will be conducted for the Construction Compound as per the CNVMP considering the following factors:<br>▪ Whether the use of multiple plant items simultaneously is proposed<br>▪ The existing level of ambient noise in the receiving environment.<br>▪ Whether or not night-works will occur at the location<br>▪ Duration of works, e.g. is it likely that a receiver will experience multiple days/ nights of exposure to noise from a site?<br>▪ Whether use of high impact plant / activities (piling, pipe jacking, hammering, auger, vibratory roller, other tunnelling equipment, generators, excavation, rattle gun, compaction etc.) are proposed at the site<br>▪ Whether or not there is natural shielding between the works and nearest receivers<br>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.<br><br>**Noise monitoring**<br>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 receptors that will be impacted by the works. Noise monitoring results shall be used to validate the | Low |

| Relevant EPRs to this Compound | Potential risks | Initial risk level | Key controls | Residual risk level |
|---|---|---|---|---|
| | | | 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.<br><br>Throughout the duration of the project noise monitoring will be undertaken during the following instances:<br><br>▪ 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.<br>▪ 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.<br>▪ 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.<br><br>**Noise mitigation measures**<br>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.<br><br>▪ Site inductions – environmental inductions shall include introduction to noise limits and controls, hours of work, locations of sensitive receptors.<br>▪ Set site entry and egress points as far from sensitive receptors as practically possible.<br>▪ 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.<br>▪ 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.<br>▪ 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.<br>▪ 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.<br><br>Additional noise management controls are available as per CNVMP.<br><br>Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in WEMP NEL-CNT-SDC-2990-EEE-MPL-0021 . | |

| Relevant EPRs to this Compound | Potential risks | Initial risk level | Key controls | Residual risk level |
|---|---|---|---|---|
| | | | ▪ All works shall meet noise guideline target levels within NV3<br>▪ If unavoidable works are required, the process as outlined in Section 3.6 of CCP is to be followed<br>▪ 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 if required.<br>▪ Any noise generated from the Compound is likely to be masked by construction site noise.<br>▪ Further pre-construction assessments to be undertaken to assess construction related noise in combination with long-term compound operation.<br>▪ Minimise AC outdoor condenser units where possible. Units should be positioned/face away from residences on Watson St, where possible. They should be placed at ground level and be shielded from the residences by compound buildings. If this is not feasible, acoustic enclosures for these units may be required.<br>▪ Minimise noise and vibration impacts to Simpson Barracks associated with the Compound establishment and operation, including preparing a CNVMP for Simpson Barracks.<br>▪ Trucks will enter and exit from site using approved arterial roads. Most works will occur during approved working (daytime) hours.<br>▪ Residents will be advised through works notifications of requirements for night works. Noise monitoring will take place during night works.<br>▪ Spark has a respite and relocation policy in place to support residents through works taking place outside approved ours / for unavoidable works.<br>▪ Workers will be inducted and trained through ongoing pre-starts and toolbox talks about behaviour expectations to minimise impacts on neighbours. | |
| **Surface Water (SW)** | | | | |
| SW1, SW3, SW5, SW6, SW7, CL5 | Adverse impacts to water quality<br><br>Adverse impacts to aquatic flora and fauna<br><br>Disturbance of watercourse stability, waterway modification<br><br>Uncontrolled release of poor-quality water (turbid, high/low pH, other)<br><br>Storage of hazardous substances | Low | Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP NEL-CNT-SDC-2990-EEE-MPL-0021 .<br><br>▪ The Compound does not fall within the Land Subject to Inundation (LSIO) overlay.<br>▪ The egress points to be established.<br>▪ Activities / temporary structures within the Compound will be situated away from drainage points as far as practical. | Low |

| Relevant EPRs to this Compound | Potential risks | Initial risk level | Key controls | Residual risk level |
|---|---|---|---|---|
| **Land Use Planning** | | | | |
| LP1 | Land use impact to residents | Low | ▪ The impacts to residents have been minimised in terms of occupying existing land acquired for the Project. | Low |
| **Social and Community/ Business** | | | | |
| SC1, SC2, SC3, SC4, B1, B2, B3, B4, B6, B7, B8 | Impacts on formal active recreation and other facilities including childcare centres<br><br>Amenity impacts on businesses impacted by the Compound<br><br>Damage to utility assets<br><br>Impacts to nearby businesses | Med | Refer to Section 6 regarding working with sensitive receptors, residents, local Council and attending business liaison groups (B8). The Business Disruption Mitigation Plan will be developed (B1) and Spark will contribute to the business relocation strategy (B2).<br><br>Protect or, where required, relocate utility assets to the reasonable satisfaction of the service provider and/or asset owners. | Low |
| **Sustainability and Climate Change** | | | | |
| SCC1, SCC2, SCC4, SCC5 | Environmental impacts associated with waste facilities at the Compound Environmental impacts associated with resource consumption | Low | Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP NEL-CNT-SDC-2990-EEE-MPL-0021.<br><br>▪ Greenhouse Gas emissions and potential impacts from energy use and water use (potable water usage)<br>▪ Project has a target of 60% office waste diversion.<br>▪ Rainwater tasks to be added where space allows.<br>▪ Connecting the Construction Compound to electrical mains and purchasing green power.<br>▪ A Sustainability Management Plan will be prepared in accordance with SCC1 and will provide management procedure to comply with SCC4 and SCC5<br>▪ Suitable and sufficient receptacles (bins, skips, tanks, etc.) provided at the Compound to facilitate correct segregation of waste. All receptacles to be labelled and used correctly to avoid contamination.<br>▪ No overfilling of bins on site, regularly scheduled waste disposal.<br>▪ Including sustainability opportunities that contribute towards Sparks sustainability targets associated with the Compound facilities including parks and concrete walkways (e.g. recycled asphalt pavement, recycled content (excluding RAP), absolute reduction in material use for pavement, use of carbon neutral or low-carbon products), Site offices - opportunity for achieving ISv2.1 Wfs-4 Sustainable Site Facilities credit. | Low |
| **Traffic and Transport** | | | | |
| T2 | Impacts to the community in relation to pedestrian and cyclist infrastructure, shared user | Med | A Work Site Traffic Management Plan (WTMP) and supporting drawings will be developed in accordance with EPR T2 addressing the traffic engineering characteristics of each compound, with due consideration to all modes of movement, access arrangements, car parking, construction vehicle movement, pedestrian and cyclist infrastructure and public transport provisions. Entry to Simpson Barracks via | Low |

| Relevant EPRs to this Compound | Potential risks | Initial risk level | Key controls | Residual risk level |
|---|---|---|---|---|
| | pathways, public transport routes. parking and access to local roads.<br><br>Impacts to operational capacity of the local road network and intersections. | | Blamey Road must always be provided. Planned disruptions to sensitive receptors such as Simpson Barracks will require State approvals.<br>A Traffic Impact Assessment (TIA) will further support the documentation investigating impact to the operational capacity of the adjacent road network along with the abovementioned considerations.<br>This documentation will be subject to review and approval by the Relevant Road Authorities under the Road Management Act 2004 and will be approved prior to commencement of establishment of the Compound.<br>Controls will be informed by management plans required by the EPR (Table 9) and included in further detail in the WEMP NEL-CNT-SDC-2990-EEE-MPL-0021.<br><br>▪ Sufficient off-street parking to be established within site boundary and adjacent to the Compound for associated workforce and visitors.<br>▪ Worksite Traffic Management Plans (WTMPs) detailing site layout and any impacts to amenity will be subject to review and approval by the Responsible Road Authority.<br>▪ WTMP's illustrating changes to the road network operational capacity will be supported by traffic analysis where relevant<br>▪ Existing bus stops located adjacent to the Compound will be maintained and available to the public and workforce or alternate arrangement implemented as approved by the Relevant Road Authority<br>▪ Site inductions will detail impacts of construction traffic on the local community. Parking in residential streets and business surrounding the site will not be permitted. Staff will be encouraged to use public transport<br>▪ Existing pedestrian & cyclist arrangements to be maintained or alternate arrangement implemented as approved by the Relevant Road Authority<br>▪ Project communications strategy will keep community informed of forthcoming changes<br>▪ Access to Compound from Greensborough Road.<br>▪ Entry to Simpson Barracks via Blamey Road must always be provided, planned disruptions to sensitive receptors such as Simpson Barracks will require State approvals. | |

# 5 Site Demobilisation and Restoration

The Compound is located within the footprint of permanent works that is currently undergoing detailed design.

No work is proposed outside the current permanent works footprint.

Once established, the Compound will remain in place until the supported construction activities are completed (expected Q4 2026). The site will be permanently occupied by the permanent footprint and will be completed to the requirements of the approved UDLP.

Where temporary materials from the Compound are removed from site, options to reuse or recycle materials will be considered.

# 6 Communications, Stakeholder and Community Engagement

## 6.1 Stakeholder and Community Engagement Approach

A number of environmental and community impacts are identified in Section 3.7.2 and proposed mitigations are identified in Section 4.

Spark have consulted with nearby residents and businesses to seek feedback on the proposed use of the Compound and any proposed mitigation strategies.

Areas were door knocked regarding the establishment of this compound. The area was agreed through discussions on consultation requirements between Spark and NELP with feedback provided by Banyule Council has been incorporated.

The following information was shared with the residents and businesses during the consultation period:

- The Compound will support the construction works in the area including the northern roadworks, piling activities, major excavations and project finishing works.
- There may be impacts as Spark operates the compound.
- The Compound will contain amenities and facilities required for employees at the Watsonia site, as well as an office, pathways, hardstands for sheds and parking, laydown and storage areas, a car park and waste and recycling facilities.
- Work activities have been located to avoid impacts where possible. However, there may still be impacts such as dust, noise, lights at night, light vehicles and trucks in the area when we start work.
- Spark will implement mitigations such as hoardings, light shields, concrete /asphalt / sealed areas to control the impacts as far as practicable
- The impacts for the Construction Works outside the Compound will be managed through a WEMP

In addition to consultation with residents and businesses, the following key stakeholders will be advised of plans for the construction compound in regular meetings:

- Banyule City Council
- Melbourne Water
- Department of Defence
- Department of Transport
- Community Liaison Groups
- Business Liaison Groups.
- Wurundjeri Woi-Wurung Cultural Heritage Aboriginal Corporation

## 6.2 Contact Numbers

**Big Build Contact Centre:** 1800 105 105

## 6.3 Complaint Management

**Table 12 Compliant Management Requirements and Responsibilities**

| 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 | **Contractors Enquiry and Complaints Procedures**<br>In accordance with *AS/NZS 10002-2014 Guidelines for complaint management in organisations*, 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.<br>Resolving complaints at the earliest opportunity in a way that respects and values the person's | Stakeholder and Community Engagement Manager<br><br>Stakeholder and Community Engagement team<br><br>Functional Manager(s) | Procedures delivered and verified in CCEP |

| Expectations | How we will meet the Expectations (minimum requirements) | Responsible Person Key Contributor | Deliverables |
|---|---|---|---|
| | 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.<br>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. | | |
| Enquiries and complaints are recorded, acknowledged and resolved in a timely manner as per EPR EMF4. | **Project Enquiries and Complaints**<br>Consultation Manager will be used as the register for all complaints and enquiries. At a minimum the following information will be recorded:<br>▪ Interactions via the project number<br>▪ Interactions via the project email address<br>▪ Interactions received via the project webpage<br>▪ Interactions in person<br>▪ Interactions via all other means.<br>SPARK Contractors will<br>▪ resolve all complaints, enquiries or contacts where they refer to an issue directly related to the works<br>▪ adhere to the agreed escalation process<br>▪ 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.<br>All information Captured will be managed in accordance with privacy policies.<br>Complaints and enquiries will be incorporated into monthly reporting and used to identify current and emerging issues that require action.<br>Outstanding enquiries and issues will be discussed at weekly project team meetings.<br>As per the project scope requirements, all complaints will include:<br>▪ names (where provided);<br>▪ contact details (where provided);<br>▪ time and date of enquiry;<br>▪ nature of enquiry; and<br>▪ response provided;<br>The Principal Package team will notify the State within 2 hours of receiving or becoming aware of any:<br>▪ significant community and Stakeholder issues related to the Works (including issues that will likely lead to impacting the project's reputation and safety matters);<br>▪ enquiries that may affect the projects reputation;<br>▪ complaints received, including the information collected on the Consultation Manager Stakeholder Management Database as set out in section 11.6(b), as well as:<br>◦ the location to which the complaint relates; and | Stakeholder and Community Engagement Manager<br>Stakeholder and Community Engagement team<br>Functional Manager(s) | NELP enquiry and complaints procedures adhered to.<br>Monthly report of all enquiries and complaints.<br>Maintain all correspondence in Consultation Manager |

| Expectations | How we will meet the Expectations (minimum requirements) | Responsible Person Key Contributor | Deliverables |
|---|---|---|---|
| | ◦ the method of contact; and<br>◦ Always comply with the North East Link<br>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 Principal Contractor. | | |

# 7 Spark Environmental Management System (EMS)

The Spark EMS for the Primary Package is certified and implemented to the standard AS/NZS ISO 14001:2016 Environmental management systems, in compliance with the requirements of the EMF.

The Spark EMS (Figure 6) follows the standard Plan-Do-Check-Act approach to environmental management.

**Plan:** Establish environmental objectives and processes necessary to deliver NEL. Spark has extended the objectives, targets, and risk mitigation measures in the EES into the Spark EMS. This process ensures the objectives of the State and Spark are aligned through all phases of the Project.

**Do:** Execute the Project as planned and in accordance with the EPRs and objectives and targets.

**Check:** Monitor the processes and procedures against the objectives and targets and report findings and recommendations.

**Act:** Update processes in response to monitoring activities, non-conformances, and recommendations.


**Figure 6 Spark Environmental Management System Framework**

Spark's EMS for the Primary Package comprises a hierarchy of the Spark Environmental Strategy, CEMP, WEMPs and environmental procedures to effectively mitigate risk and monitor environmental performance and compliance at every level of construction.

## 7.1 Environmental Strategy

The Environmental Strategy outlines the approach which will be implemented to ensure compliance with the NEL Project environmental requirements including environmental laws, project approvals, approval conditions and the EPRs relevant to the Primary Package, which will be implemented through the CEMP and other management documents (e.g., WEMPs, Urban Design and Landscape Plans).

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

- A summary of key approvals applicable to the NEL Project and how these are complied with and managed.
- A summary of each EPR and how these will be complied with including proposed actions, timing, consultation, proposed management plans and evidence of compliance (a summary is provided in Section 3.7 of this plan).
- An overview of the management documents that will be prepared to support the implementation of this Plan and other environmental documentation.

## 7.2 Construction Environmental Management Plan (CEMP)

The Spark CEMP has been prepared to manage the environmental risks from construction activities related to the Primary Package. All works within this Plan shall be undertaken in accordance with the CEMP.

The CEMP includes environmental management sub plans that detail the measures that will be undertaken for the Primary Package to address the applicable EPRs for environmental management during construction.

The environmental management requirements of the CEMP and sub plans will be implemented to address relevant localised requirements of each construction compound. This includes the preparation and implementation of WEMPs. The WEMPs will cover each of the construction compounds and the relevant construction activities that are supported by the construction compound. Implementation of the WEMPs is supplemented by Spark environmental management procedures. These procedures include environmental inspection checklists that will be applied to monitor the installation and maintenance of environmental controls for each construction compound in accordance with environmental controls and mitigation measures of the CEMP and environmental management sub plans and monitor compliance of the applicable EPRs (as listed in Table 10 and Table 11).

Throughout the implementation of the Primary Package, project environmental monitoring, auditing, and performance reporting shall be conducted as directed by the requirements prescribed in the CEMP.

## 7.3 Environmental Management Framework (EMF)

The NEL Project EMF is approved under condition 4.5 of the Incorporated Document dated December 2019.

The EMF provides a transparent and integrated governance framework to manage the planning, environmental and heritage aspects of the Compound works, and outlines the accountabilities for the delivery and monitoring of implementation of the EPRs.

## 7.4 Worksite Environmental Management Plan (WEMP)

A WEMP is prepared in line with specific construction work packages and are subordinate to the Construction Environmental Management Plan. They are supported by Site Environment Plans (SEPs) which describe how environmental aspects and impacts will be managed at each area of site for each construction activity or stage. A SEP will be prepared for each work stage identifying relevant work activities prior to works commencing.

## 7.5 Independent Review and Environmental Auditor (IEA)

EPR EMF3 ‘Audit and report on environmental compliance’ requires that an Independent Review and 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, EPRs, WEMPs, and Incorporated Document. The IEA will provide verification that this CCP complies with the requirements of these approvals and documents.

Appendix A contains the IEA verification for this Plan.

These requirements, and other EPR related plans which may be applicable to this CCP, are addressed in Worksite Environmental management Plan (WEMP) NEL-CNT-SDC-2990-EEE-MPL-0021. The WEMP details the specific requirements and controls to avoid and mitigate environmental impacts resulting from the Construction Compound activities.

# 8 Review

A Spark internal review of this Plan will be conducted as required or when specifically directed by the State or when there is a major change in compound facilities and/or operations that arises increased environmental risk. This is to ensure consistency of the works with the details and management procedures outlined in this Plan. Additionally, this plan will be reviewed in accordance with the CEMP.

Any update to the CCP will be subject to the satisfaction of the Minister for Planning.

# Appendix A. IREA Verification

APP Corporation Pty Limited
Level 7, 420 St Kilda Road
Melbourne VIC 3004

Arup Australia Projects Pty Ltd
C/- Boroughs, Level 6
77 Castlereagh Street
Sydney NSW 2000

Aurecon Australasia Pty Ltd
Level 8, 850 Collins Street
Docklands VIC 3008

Reference: TX-CNT-AAA-02640

Friday, 23 June 2023

**Jim Waller**
Chief Operating Officer
North East Link Project
Level 13, 121 Exhibition Street, Melbourne VIC 3000

**Paul Yerondais**
Chief Executive Officer
Spark North East Link Pty Limited as trustee of the Spark North East Link Trust
Level 14, Tower Three
International Towers Sydney, Exchange Place 300 Barangaroo Ave
Barangaroo NSW 2000

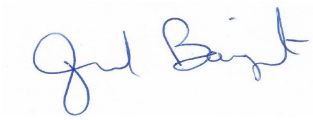
Dear Jim and Paul,

**Re: Review and verification of Watsonia Construction Compound Plan (CCP) - Vent Office Compound Stage 1**

The IREA has reviewed the Watsonia Construction Compound Plan (CCP) - Vent Office Compound Stage 1 (**NEL-CNT-SDC-2990-EPA-PLN-0001**) Rev 1.02 in accordance with the PSDR Part F1 Section 1.11.

It is our opinion that the Watsonia Construction Compound Plan (CCP) - Vent Office Compound Stage 1 complies with the Environmental Requirements and the Project Documents for the defined scope of works.

Yours sincerely,



David Baigent
IREA Project Director
AAAJV