

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

Indicative Only for Discussion

**Retail Development
78 – 96 Arncliffe Street, Wolli Creek**

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1. Introduction

A Construction Environmental Management Plan (CEMP) is a tool prepared by builders and developers providing a framework for the management of activities and environmental outcomes on development sites.

A CEMP addresses in detail a range of issues associated with a development including but not necessarily limited to:

- Plant, equipment and material;
- Construction zone;
- Contact details;
- Hours of Work
- Approval and licences;
- Consultation;
- Occupation Health and Safety;
- Waste Management;
- Erosion and Sediment Control;
- Soil and Erosion Management;
- Air Quality Management;
- Traffic Management; and
- Noise Management.

The above items are discussed in more detail in the following sections.

The CEMP also details commencement of works, any particular schedules and reporting protocols for example recording when incidents occur. A detailed CEMP must be provided prior to construction.

This CEMP is for the site located at 78 – 96 Arncliffe Street, Wollli Creek and the Stage 1 Project which consist of the following

- Supermarket for 4,000sq.m;
- An at-grade car park for 184 car spaces (4 disable and 6 staff);
- Loading dock;
- 200sq.m specialty retail store; and
- Public domain upgrades.

A copy of this CEMP will kept on site at all times.

2. Quality Assurance

All tasks undertaken in relation to the project whether they be physical construction activities, office duties or procedural tasks; are to be undertaken in accordance with:

- Suppliers and contractors shall provide assurance of the quality of all goods, materials and services to be provided.
- All materials and works are to be undertaken to the manufacturers specification or industry standards

3. Plant, Equipment and Material

[A detailed list of construction plant, equipment to be provided as part of detailed CEMP].

4. Construction Zones and Material Loading Areas

The selection of the material handling plant and equipment is based on achieving a timely execution of the construction program. The preferred area will need to consider site access constraints. The most suitable area for material loading is [To be identified in detailed CEMP].

In regards to the movement of goods i.e. setting down and picking up, there is sufficient space on site for these activities.

5. Contact Details and Site Sheds

The site construction manager will operator from the site office located at [To be determined as part of detailed CEMP]. The site entrance will be clearly marked with a sign indicating 24 hours contact details of the site manager. The same information shall be displayed in the window of the site shed.
Contact details for the site construction manager is:

[NAME]
[Telephone Number]

The signs shall also include contact details of emergency services, name and address of developer and

Site sheds or accommodation shall be provided at [Location to be determined as part of detailed CEMP].

6. Hours of Work

The construction hours for the project are as follows:

- Monday to Friday – 7am to 6pm
- Saturday – 8am to 1pm
- No work on Sundays or Public Holidays

7. Approvals and Licences

The contractor will obtain any necessary approvals and licences as required by relevant authorities, these may include:

8. Consultation

Adjoining property owners will be advised by letter of commencement of construction, timeframe and completion date of works, construction hours and informed of any specific information relating to construction activities for example disruption to traffic.

9. Occupational Health and Safety, Amenity and Security

All site staff, contractors and visitors to the site, will be required to undertake a site induction course prior to working on the site. Site induction will be undertaken by [To be determined] or if they are not available by [To be determined].

A 24 hour contact number and contact details of emergency services will be displayed outside the site office.

All public complaints will be directed to the site construction manager. This person will be responsible for obtaining all relevant information on the issue. The complaint shall be addressed as necessary by either the site construction manager or more senior personnel as required.

No workers will be permitted to enter the site if they are under the influence of drugs or alcohol.

It is the responsibility of the site construction manager to obtain 'Work Method' statements from all contractors, which must also include safety manuals/policies from each company.

All contractors must comply with the safety management plan and all relevant safety policies, and guidelines.

The site will be enclosed by suitable construction hoardings and/or fencing with lockable gates and manned by qualified security guards.

10. Waste Management Plan

The contractor shall maximise reuse and/or recycling of construction materials. Waste material is to be collected and stored on-site until removed to appropriate location. Bins will be delivered and collected on request.

Strategies and measures managing waste on-site include but are not necessarily limited to:

- The waste management plan is to provide details on purchasing requirements to minimise on-site waste.
- Over-packaged goods and materials shall be minimised in order reduce waste.
- Provide details on extent of demolition work, type and quantity of materials, what are to be reused and/or recycled.
- Provide bins for recycling.
- Identify if hazardous or dangerous materials are to be removed from the site. If so, works shall be undertaken in accordance with relevant legislation.

11. Erosion and Sediment Control Plan

Siltation barriers will be installed where necessary to prevent the generation of siltation and sedimentation during the construction period. **[Details shall be provided in final CEMP prior to construction]**. Refer to Soil and Water management plan (drawing 90P600-DAC110) prepared by Hughes Trueman dated September 2009.

12. Soil and Water Management Plan

Appropriate management measures to be provided prior to construction as part of CEMP. Some measures include by are not limited to:

- All pollution management devices to be regularly maintained.
- Any liquid wastes shall be either retained for recycling or disposed off in accordance with Sydney Water requirements.
- At least weekly and after every rain event the contractor is to inspect the site to ensure that:
 - Drains operate effectively and initiate repair and maintenance as required.
 - Spilled sand or other material is removed from hazardous areas.

[Details shall be provided in final CEMP prior to construction]. Refer to Soil and Water management plan (drawing 90P600-DAC110) prepared by Hughes Trueman dated September 2009

13. Air Quality Management Plan

The contractor will minimise the potential for any air quality impacts by providing whenever possible, a wet process for cutting, drilling and grinding to limit dust emissions.

The contractor must adopt adequate measures to prevent dust from affecting the amenity of the surrounding land uses during construction. All vehicles carrying spoil or rubble to or from the site will be covered to prevent the escape of dust or other material.

The contractor shall ensure that mud and debris from construction vehicles leaving the site is minimised whenever possible.

Loose materials will be appropriately stored on-site in order to minimise potential impacts from prevailing weather conditions.

14. Traffic Management Plan

Traffic management measures that may be included to minimise any potential impacts include but are not limited to:

- All construction vehicles shall enter and exit the site in a forward direction.
- Qualified traffic controllers will be used during construction where necessary to stop traffic for safe egress or ingress of large heavy vehicles.
- Through traffic and access to neighbouring properties shall be maintained at all times.
- No public access or access to unauthorised personnel will be permitted to the site.

15. Noise and Vibration Management Plan

The contractor will apply standard construction practices and does not expect any significantly unusual noisy activities. All works will be undertaken within the designated construction hours.

[Details shall be provided in final CEMP prior to construction].