

ENVIRONMENTAL METHOD STATEMENT

PROJECT NAME: SHEFFIELD ROAD HOUSING DEVELOPMENT AND ASSOCIATED INFRASTRUCTURE
PROJECT NO.: 6542 DOCUMENT NO.: ENV-MS-001
CONTRACTOR: Martin & East (Pty) Ltd DATE: 02 May 2023

PROPOSED ACTIVITY:

Site Establishment

WHAT WORK IS TO BE UNDERTAKEN?

Establish site camps, which include offices, storage areas, eating areas and other infrastructure required for the running of the project.

WHERE ARE THE WORKS TO BE UNDERTAKEN? (Where possible, provide an annotated plan and a full description of the extent of the works)

Sheffield Road Development, Philippi



START AND END DATE OF THE WORKS FOR WHICH THE METHOD STATEMENT IS REQUIRED

Start date: 05/09/2022

End date: August 2024

DESCRIPTION OF HOW POTENTIAL ENVIRONMENTAL IMPACTS WILL BE PREVENTED OR MANAGED (provide as much detail as possible, including annotated sketches and plans where possible)

Site layout

- The site camps will be positioned in areas of low environmental sensitivity which would provide minimal disruption to the operations at the container terminal that have been agreed to by the Project Managers;
- The camps will be in locations that are easily accessible and will not hamper traffic at the container terminal;
- Prior to site establishment, photographs of the site camp areas will be taken to serve as a record of the site condition (for reference during future site clean-up);
- The site camps will be reinstated to their original condition once the project has been completed in accordance with the rehabilitation plan as approved by the Construction Manager six weeks before completion;
- The site camps will be enclosed with a temporary fence;
- Site layout will take cognizance of entry and exit points for deliveries and services, and future works; and
- Construction activity will be restricted to the physical footprint of the works area, to prevent encroachment into adjacent operation areas of the container terminal.

Site access & vehicle parking

- Access to the site will be from a main entrance with controlled access;
- Construction and staff vehicles will be parked within the site boundaries in a designated area. Construction vehicles will have drip trays placed underneath if not parked on a hard surface during non-working hours. All plant will be maintained and leak-free; and
- Likely disturbance to surrounding users of the container terminal as well as security implications will be considered and kept to a minimum.

Site offices

- The site offices and stores will be located in an area of low pier traffic;
- All emergency numbers (including local police, fire department, site Agent, safety officer) and the site safety officers' names and telephone numbers will be prominently displayed within the site camp. In addition, posters with environmental "dos and don'ts" will also be displayed;
- All regulatory signs will be erected at visible locations around the site camps as well as on the site itself, including on all hazardous storage containers;
- There will be an adequate number of fire extinguishers on the site to deal with fires. No lighting of fires will take place on site;
- The establishment of the site camps will comply with the Occupational Health and Safety Act (with first aid and firefighting equipment, external display of emergency contact numbers etc.);
- Litter bins will be provided and placed at convenient locations on site;
- The site camps will be kept clean by means of a weekly clean up, over and above the daily clearing of litter and other wastes (excl. rubble - refer to ENV-MS-003). The site itself will have fortnightly clean ups, over and above the daily clearing of litter and other wastes (excl. rubble - refer to ENV-MS-003).

Eating areas

- Provision will be made for employee eating areas which are sufficiently protected from poor weather conditions;
- Bins with vermin-proof lids will be provided within a 5 m radius of demarcated eating areas. The bins will be emptied regularly to avoid attracting small mammals and rodents;
- Eating areas will be kept clean and hygienic at all times;
- Cooking on site will only be permitted using well-maintained electrical appliances (no open fires are permitted on the site);
- Hand washing facilities will be provided in the form of taps; and
- Fresh drinking water facilities will be provided at the site camp.

Ablution facilities

- Ablution facilities will be provided at the site camps at a ratio of one toilet per 10 workers. Separate toilet facilities will be provided for males and females;
- The type and exact location of toilet facilities will be approved by the Project Manager prior to establishment. No septic tank facilities will be permitted;
- The toilets will be located in an area with minimal traffic and operational sensitivity. All portable toilets will be secured to the ground to the satisfaction of the Project Manager to prevent toppling and/or blowing over and will be locked over holiday periods;
- Toilets will be provided with sufficient toilet paper, tap facilities and soap for hand washing;
- The facilities will be kept clean and serviced weekly (as a minimum, and more frequently if required);
- The contents of toilets will be removed such that no spillage occurs. All toilet waste will be removed from the site by an appropriate service provider for disposal at an approved facility. Waste disposal receipts will be retained as proof;
- Discharge of toilet waste directly into the surrounding environment and/or burial of toilet waste is not permitted.

Waste stockpile areas

- Solid waste generated by construction activities will be stored and managed as per the specific Environmental Method Statement (ENV-MS-003).

Security

- Access to the site will be controlled and entrance gates will be kept closed when not in use. Only authorized persons will be permitted entry to the site;
- Entrance gates to the site camps will be locked after hours and on weekends;
- The site will be secured by means of fencing and signage. Security personnel will be present on site after hours and on weekends;
- Consumption and/or selling of alcohol or drugs on site are strictly prohibited. Any staff caught engaging in these activities will be dealt with through disciplinary and/or criminal action;
- Any poaching or theft of plants is prohibited and must be reported to the Department of Environmental Affairs immediately;
- Trespassing on adjacent areas of the Pier is strictly prohibited; and
- In cases where removal or moving of fencing from adjacent area of the pier is required for construction works, the situation will be discussed and agreed with the relevant landowner, in writing, prior to removal.

ENVIRONMENTAL STANDARDS (list the applicable environmental standards to be met):

- TCP Construction Environmental Management Plan (ENV-STD-001)
- Transnet Capital Projects Standard Environmental Specifications (ENV-STD-002); and
- The Occupational Health and Safety Act (No. 85 of 1993).

MONITORING AND RECORD KEEPING (Describe how the activity will be monitored to ensure that the environmental standards are met, as well as the records to be kept):

1. Daily site walkabout by SEO	Record: Site diary entry
2. Weekly inspections by SEO	Record: Weekly checklist
3. Monthly audits by ECD / Employer EO	Record: Monthly compliance audit checklist
4. Incident reporting	Record: Environmental Incident Reports including corrective action
5. Public complaints	Record: Formal External Communications Register
6. Staff training	Record: Induction training register
7. Access sign-in or provision of identification	Record: Access sign-in register

DECLARATIONS

CONTRACTOR'S ENVIRONMENTAL OFFICER: The work described in this Environmental Method Statement, if carried out according to the methodology described, is satisfactory to prevent or control environmental harm:

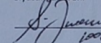
David Lembeni (Print name)

 (signed)

Dated: _____

PERSON UNDERTAKING THE WORKS: I understand the contents of this Environmental Method Statement and the scope of the works required of me. I further understand that this Environmental Method Statement may be amended on application to other signatories and that Guillaume Nel Environmental Consultants and Construction Manager will audit my compliance with the contents of this Environmental Method Statement:

Siyasango Zweni

 (signed)

Dated: _____

ECO ENVIRONMENTAL OFFICER: The work described in this Environmental Method Statement, if carried out according to the methodology described, is satisfactory to prevent or control environmental harm:

Divan Opperman

_____ (signed)

Dated: _____

APPROVING AUTHORITY (i.e., the Employer's Construction Manager): The works described in this Method Statement are approved:

_____ (Print name)

 (signed)

Dated: _____