



education

Department:
Education
PROVINCE OF KWAZULU-NATAL

Infrastructure Development and Maintenance

Prepared for:

Mr. V. Khumalo
Cell: 084 477 5998
eMail: vusik3@dbsa.org



Prepared by:

Ms Samantha Moodley
Cell: 0716781951
eMail: samantha@thembeke-env.co.za



Waste and Asbestos Removal Method Statement

September 2022

Draft

1 INTRODUCTION

1.1 Details of the Project

The project details are as follows:

Table 1: Project details

| | |
|-------------------------------|--|
| Project Name | |
| Project No: | |
| Document No: | |
| Contractor Doc Number: | |
| Contractor | |
| Date | |

1.2 Proposed Activity

The proposed activity involves the disposal of building rubble and asbestos material removed from buildings on site.

1.3 Work to be Undertaken

Waste management activities related to demolition and removal of waste and asbestos material are as follows:

- Removal of storm damaged asbestos roof sheeting
- Removal and disposal of general waste (waste paper, plastics, cardboard, empty containers, food waste from offices and construction personnel) from site
- Removal and disposal of any other hazardous building rubble and all general waste.

2 DESCRIPTION OF HOW POTENTIAL ENVIRONMENTAL IMPACTS WILL BE PREVENTED OR MANAGED

2.1 Potential environmental impacts

- Incorrect disposal of waste on unapproved or unlicensed sites
- Littering of surroundings due to windblown waste
- Asbestos contamination of areas if incorrectly disposed where asbestos is dumped indiscriminately

2.2 Measures to prevent impacts

- Waste containers/skips will be available within the site camp for general waste.
- Waste skips will be available within the site camp for asbestos waste.
- Asbestos will be separated from other forms of waste
- All waste bins will be clearly labelled and colour coded to ensure waste separation take place at source.

- Staff will be made aware of the classification and availability of waste bins for different waste types.
- Asbestos containers will be labelled appropriately
- The hazardous waste skip will be covered at all times
- A waste disposal register will be kept for general and hazardous waste. These will be updated on a regular basis.
- The accumulation of waste in the storage areas will be tracked to ensure removal prior to overfilling.
- If municipal removal services are not available on remote locations and a service provider will be appointed to remove the waste skips.
- Whenever general or hazardous waste is removed from site or disposed of, a disposal certificate/slip will be obtained and filed in the environmental file.
- Building rubble will be disposed of at an approved landfill site.
- Scrap metal waste will be collected and stored in a demarcated area on the work site.
- Asbestos waste will be disposed at an appropriate hazardous waste disposal facility and proof of disposal filed for audit purposes.
- All handling and disposal of asbestos waste will be in accordance with the asbestos regulations.
- The contractor's end goal is to obtain a safe disposal asbestos certificate.

3 ENVIRONMENTAL STANDARDS

The following standards will guide the asbestos removal and handling:

- National Environmental Management Waste Act (59 of 2008)
- National Domestic Waste Collection Standards (4,5,6)
- Hazardous Substances Act (15 of 1973)
- Occupational Health and Safety Act (85 of 1993): Asbestos Regulations, 2001
- Regulations for Hazardous Chemical Substances (14 of 1995)
- Construction Environmental Management Plan

4 MONITORING AND RECORD KEEPING

The following monitoring and record keeping should be undertaken:

Table 2: Record keeping schedule

| | |
|--|--|
| Weekly Inspections by Contractor Environmental Officer (EO) | Record: Weekly Checklist |
| Product Itinerary | Record: Hazardous Substances Register and Material Safety Data Sheets (MSDS') |
| Disposal | Record: Waste disposal register and disposal certificates |
| Monthly audits by Employer EO | Record: Monthly Compliance Audit Checklist |
| Incident Reporting | Record: Environmental Incidents, including corrective action in a Non-Conformance Report (NCR) if needed |
| Date Public complaints | Record: Formal External Communications register |

| | |
|---|---|
| Weekly Inspections by Contractor Environmental Officer (EO) | Record: Weekly Checklist |
| Staff Training | Record: Induction training register and templates of Daily Safety Task Instructions (DSTIs) |

5 DECLARATIONS AND APPROVALS

5.1 Declaration by the Contractor's Environmental Control 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:

| | | |
|-------------------|------------------|-------------|
| _____ | _____ | _____ |
| Print Name | Signature | Date |

5.2 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 the Employer's Environmental Manager and Construction Manager will audit my compliance with the contents of this Environmental Method Statement

| | | |
|-------------------|------------------|-------------|
| _____ | _____ | _____ |
| Print Name | Signature | Date |

5.3 Client's Environmental Control 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:

| | | |
|-------------------|------------------|-------------|
| _____ | _____ | _____ |
| Print Name | Signature | Date |

5.4 Approving Authority (i.e. The Employer's Construction Manager)

The works described in this Method Statement are approved.

| | | |
|-------------------|------------------|-------------|
| _____ | _____ | _____ |
| Print Name | Signature | Date |