METHOD STATEMENT

DUST MANAGEMENT AND CONTROL

WHAT work is to be undertaken?

The management and control of dust generated through construction related activities.

WHERE are the works to be undertaken?

Farm 29, Calcutta Public Cemetery and Memorial Park, Stellenbosch

WHEN are the works to start, what is the anticipated finish date?

Date of commencement:

Date of completion:

HOW are the works to be undertaken?

Procedures:

- **Site Preparation:**
  - Identify areas prone to dust generation, such as access roads, work zones, and stockpile areas.
  - Implement dust suppression measures before construction activities begin to minimize airborne dust.
- **Dust Suppression:**
  - Water Spraying: Regularly spray water on exposed surfaces, particularly during dry and windy conditions, to keep dust levels down.
  - Soil Stabilisation: Use soil stabilisers, such as mulch, geotextiles, or chemical binders, on exposed soil surfaces to prevent dust generation.
  - Vegetation Cover: Maintain vegetation cover on areas not immediately required for construction to reduce dust emissions.
  - Shade Cloth: Cover stockpiles with shade cloth or tarps to minimize dust dispersal from loose materials.
- **Operational Practices:**
  - Limit vehicle speeds on site to reduce dust generation from moving vehicles.
  - Use dust control additives in water sprayed on access roads and other high-traffic areas.
  - Monitor weather conditions and adjust dust control measures accordingly, especially during high wind events.

Environmental Protection:

- **Erosion Control:**
  - Implement erosion control measures, such as sediment traps and silt fences, to prevent dust-laden runoff from contaminating nearby water bodies and sensitive habitats.
- **Air Quality Monitoring:**
  - Conduct regular air quality monitoring to assess dust levels on site and ensure compliance with air quality standards.
  - Adjust dust control measures based on monitoring results to maintain acceptable air quality levels.

Emergency Procedures:

- **High Wind Conditions:**
  - Halt construction activities that generate significant dust during high wind conditions.
  - Increase dust suppression measures, such as more frequent water spraying or the use of windbreaks, during periods of high wind.
- **Spill Response:**
  - Immediately address any dust-related incidents, such as material spills, that could contribute to increased dust levels.
  - Use appropriate containment and cleanup methods to manage dust-related spills.

Records:

- **Documentation:**
  - Maintain detailed records of dust control measures implemented, including the frequency and methods of dust suppression.
  - Keep a log of air quality monitoring results and any adjustments made to dust control practices based on monitoring data.
  - Document any dust-related incidents and the corrective actions taken to address them.

DECLARATIONS

1) **PERSON UNDERTAKING THE WORKS**

I understand the contents of this Method Statement and the scope of the works required of me. I further understand that this Method Statement may be amended on application to the signatories hereunder and that the Environmental Control Officer will audit my compliance with the contents of this Method Statement.

_____ _____ **(Print name)**

(signed)_____ **Dated:**_____

2) **ENVIRONMENTAL CONTROL OFFICER**

The work described in this Method Statement, if carried out according to the methodology described, is satisfactorily mitigated to prevent avoidable environmental harm:

_____ **(Print name)**

_____**(signed) Dated:**_____

3) **RESIDENT ENGINEER/ENGINEER REPRESENTATIVE/CLIENT**

_____ **(Print name)**