

Method Statement – Remediation of Contaminated Soil (Northfleet Mill)

Project Details

Project: Northfleet Mill – Pulp Storage Building

Location: Northfleet, Gravesend

Reference: EAL.403.24

Date: December 2025

Scope of Works

- Excavate and remove contaminated soil identified at WS05 (elevated PAHs including Dibenz(a,h)anthracene).
- Ensure safe handling, segregation, and disposal of contaminated material in compliance with WM3.
- Reinstate excavated area with clean fill and compacted layers.

Responsibilities

- Project Manager: Overall responsibility for works and compliance.
- Site Supervisor: Day-to-day management and safety oversight.
- Environmental Consultant: Verification sampling and reporting.
- Waste Carrier: Licensed transport and disposal of contaminated soil.

Step-by-Step Methodology

1. Site Preparation:

- Establish exclusion zone around WS05.
- Install signage and barriers.
- Toolbox talk for operatives on contamination hazards.

2. Excavation:

- Excavate contaminated soil to depth identified in investigation (approx. 0.5 m).
- Use mechanical excavator with trained operator.
- Avoid cross-contamination by using dedicated plant.

3. Handling & Segregation:

- Place excavated soil on impermeable membrane.
- Cover stockpiles to prevent dust and runoff.
- Label and record waste volumes.

4. Verification Sampling:

- Collect samples from base and sides of excavation.
- Send to UKAS-accredited lab for PAH analysis.
- Confirm compliance before reinstatement.

5. Backfilling & Reinstatement:

- Import clean certified fill.
- Compact in layers to design specification.
- Reinstatement surface as per project requirements.

Environmental Controls

- • Dust suppression using water spray.
- Prevent runoff with bunds and silt fencing.
- Daily inspection of containment measures.

PPE & Health & Safety

- • Mandatory PPE: Gloves, coveralls, FFP3 masks, safety boots, eye protection.
- Decontamination station for operatives leaving exclusion zone.
- Emergency eyewash and spill kits on site.

Waste Classification & Disposal

- • Classify waste under WM3 guidance.
- Likely non-hazardous, confirm with waste handler.
- Transport using licensed carrier to permitted facility.
- Retain waste transfer notes for records.

Emergency Procedures

- • Stop work immediately in case of unexpected contamination or spillage.
- Notify Project Manager and Environmental Consultant.
- Implement spill containment and clean-up measures.
- Report incident as per company protocol.