



Outline Construction Environmental Management Plan

Dow Tyneside Works, Ellison Street,
Jarrow, NE32 3JU – Pit Backfilling

PREPARED FOR



The Dow Chemical Company

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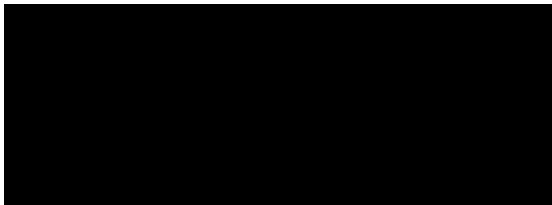
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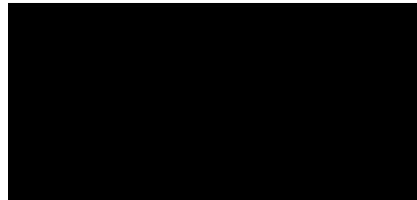
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ACRONYMS AND ABBREVIATIONS

Acronyms	Description
CEMP	Construction Environmental Management Plan
CTMP	Construction Traffic Management Plan
EPA	Environmental Protection Act
IAQM	Institute of Air Quality Management
LCRM	Land Contamination Risk Management
CEMP	Outline Construction Environment Management Plan
PPE	Personal protective equipment
RPE	Respiratory protective equipment
WMP	Waste Management Plan

1. INTRODUCTION

1.1 OVERVIEW

This outline Construction Environmental Management Plan (CEMP) has been prepared in support of a planning application (ref: 260189) submitted to South Tyneside Council on 10th April 2026 on behalf of The Dow Chemical Company in relation to a proposal to backfill three former pits at the Dow Tyneside Works site off Ellison Street in Jarrow, Newcastle-Upon-Tyne, site, NE32 3JU (the Proposed Development).

For the purposes of this document, the Proposed Development refers to the works described within the planning application, and the Site refers to the application boundary as defined by the red line plan. The Site is located within Dow's Tyneside Works facility at Jarrow.

The Proposed Development comprises a programme of site works to backfill previously excavated areas through the reuse of on-site materials, together with associated enabling and ancillary activities. Full details of the background to the Proposed Development and the scope of the work can be found in the document 'Dow Jarrow – Draft Method Statement for Backfilling of Pits' dated 30th March 2026, which was appended to the planning application.

This outline CEMP sets out the environmental management measures that will be implemented during the construction phase to avoid, reduce or mitigate potential effects on the environment and the surrounding community. It provides a framework for managing construction activities in accordance with relevant legislation and established good practice.

A detailed Construction Environmental Management Plan (CEMP) will be prepared prior to the commencement of works and submitted to South Tyneside Council for approval.

1.2 THE PROPOSED DEVELOPMENT

The Proposed Development is located within Dow's existing Tyneside Works facility at Jarrow, South Tyneside. The Site comprises previously developed industrial land..

The Proposed Development is limited in scale and relates to the backfilling of three pits through the reuse of on-site materials, together with associated enabling and ancillary works. All construction activities will be undertaken within the Site boundary.

Construction activities can be broadly divided into the following components:

- Task 1 – Movement and reuse of on-site soils to facilitate backfilling of excavated pits;
- Task 2 – Materials management and placement of backfill; and
- Task 3 - Enabling and ancillary works to facilitate construction activities.

These components are described in the following sections.

1.2.1 TASK 1 – SOIL MOVEMENT AND BACKFILLING WORKS

The primary element of the Proposed Development comprises the transfer and placement of on-site stockpiled soils to backfill three existing excavations within the Site, referred to as K-Pit, S-Pit and the Oroglas® Pit.

The works will involve:

- Movement of approximately 500 – 700 m³ of stockpiled material to each of the pits using standard construction plant;
- Placement of material within the pits in controlled layers (typically 200 – 400 mm thickness) to surface level; and
- Compaction of each layer using appropriate plant (e.g. excavator bucket or equivalent) to achieve a stable and uniform surface.

The materials to be used for backfilling are derived from existing on-site stockpiles that have been assessed as suitable for reuse, based on previous site investigations, laboratory analysis and risk assessment.

In addition to the removal of a health and safety risk (fall hazard), the objective of the works is to achieve ground reinstatement rather than the creation of engineered structural fill. As such, compaction requirements are proportionate to achieving a stable working surface.

Construction plant is expected to a single excavator and dumper vehicle, with all movements restricted to within the Site boundary.

1.2.2 TASK 2 – MATERIALS MANAGEMENT

Materials management will be undertaken in accordance with good practice and the approved method statement, with a focus on maximising the reuse of suitable on-site materials.

Key activities include:

- Reuse of stockpiled soils for backfilling, subject to visual inspection and suitability during placement;
- Segregation of any oversized or unsuitable materials encountered (e.g. concrete fragments, brick, wood, plastics);
- Temporary stockpiling of unsuitable materials (if encountered) for subsequent management and disposal (under separate arrangements); and
- On-going (visual, olfactory and instrumental) monitoring of material condition during works to ensure consistency with previously assessed material characteristics.

The technical memo confirms that the majority of stockpiled material is suitable for reuse with negligible risk to human health or the environment when used as non-structural fill.

No routine additional sampling is anticipated during the works, although provision will be made to review materials should conditions differ from those previously assessed.

1.3 SITE CONDITIONS AND ENVIRONMENTAL CONTROLS

Works will be undertaken within a secure former industrial site and will be managed to minimise potential environmental effects. The site has a complete boundary fence and on-site 24-hour security presence.

The following sections summarise key environmental considerations and associated controls

1.3.1 DUST MANAGEMENT

The stockpiled soils are expected to be moist, reducing the potential for dust generation. However, dampening down will be implemented as required, particularly during dry or windy conditions.

On-site vehicle movements will be restricted to existing hardstanding roadways between the stockpile(s) of source material and the three pits. There will be no-use of the public highway other than for the delivery of equipment and daily travel to the worksite by car. This will minimise the potential for dust generation as a result of vehicle movements. Maximum travel distances from the stockpiles to the pits are expected to be between 75 m and 300 m.

In order to minimise the open face on the stockpile and therefore the potential for dust generation, only the minimum required material will be excavated from the stockpiles. As an additional mitigation, if necessary, stockpiles will be covered overnight.

Dust monitoring (e.g. Frisbee Deposit Gauge) will be implemented immediately around the works area to compare dust deposition relative to background levels. Results will be recorded in the verification report which will be prepared after the works are completed.

Monitoring and mitigation measures will be implemented, recognising that planning conditions may require boundary controls.

1.3.2 ODOUR:

No significant odours are anticipated based on site observations and the technical assessment. ERM will implement full-time monitoring of the breathing zone and works perimeter using a photo-ionisation detector (PID). Results will be recorded in the verification report which will be prepared after the works are completed. Should any unexpected odours be encountered, works will be paused and reviewed.

1.3.3 WORKING HOURS

Works will be undertaken during standard site working hours (8am – 6pm), Monday to Friday. No weekend working is anticipated.

1.3.4 ENABLING AND ANCILLARY WORKS

A number of enabling and supporting activities will be undertaken to facilitate the backfilling works, including:

- Removal and temporary storage of fencing surrounding the excavation areas; and
- General site preparation and access management.

1.4 PROGRAMME

The Proposed Development comprises a short-duration programme of site works focused on earthworks and associated enabling activities.

Subject to the granting of planning permission, construction is anticipated to commence shortly thereafter. The total duration of the works is expected to be approximately 2 weeks, dependent on-site conditions and weather.

An indicative programme is as follows:

- Site mobilisation and enabling works (including fencing removal and site set-up): approximately 1–2 days;
- Bulk soil movement and backfilling operations: approximately 5–7 days;
- Final reinstatement, site clearance and demobilisation: approximately 1–2 days.

All works will be undertaken during standard site daylight working hours.

1.5 COMMITMENT TO ENVIRONMENTAL MANAGEMENT

The Applicant is The Dow Chemical Company Limited (Dow), who own and manage the Site.

Dow is committed to managing environmental risks associated with its activities and implementing appropriate measures to protect the environment and surrounding receptors. Construction activities associated with the Proposed Development will be managed in accordance with applicable environmental legislation, recognised good practice, and site-specific procedures.

The Proposed Development is limited in scale and involves the reuse of on-site materials, and as such, environmental risks are considered to be low and manageable through the implementation of appropriate controls.

All contractors undertaking the works will be required to comply with the approved Construction Environmental Management Plan (CEMP), including measures relating to materials handling, dust suppression, and site management.

1.6 PURPOSE OF THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

The purpose of the CEMP is to:

- Provide a framework to ensure that appropriate mitigation measures are implemented to manage potential environmental effects during construction;
- Promote the adoption of good construction practice throughout the works;
- Manage site activities to minimise impacts on the surrounding environment and local receptors;
- Provide a mechanism for identifying and managing any unforeseen environmental issues that may arise during construction; and
- Demonstrate compliance with relevant regulatory requirements and planning conditions.

This document is an outline CEMP, prepared in support of the planning application to demonstrate that environmental aspects of the Proposed Development can be effectively managed during construction.

A detailed CEMP will be prepared prior to the commencement of works. The final CEMP will be proportionate to the scale and nature of the works and will incorporate any planning conditions and stakeholder requirements.

The CEMP will be maintained as a live document and updated as necessary throughout the construction period.

1.7 STRUCTURE OF THE DOCUMENT

The remainder of this document is structured as follows:

- **Section 2:** sets out the principles of environmental management during construction, including roles and responsibilities, training requirements, and monitoring procedures;
- **Section 3:** sets out the environmental management measures relevant to the Proposed Development, including controls for key aspects such as dust, materials management, and site operations.

This CEMP is supported by project documentation prepared as part of the planning application and technical assessment.

Additional supporting documentation will be developed where required, proportionate to the scale of the works.

The final CEMP may include additional detail such as:

- Dust Management;
- Construction Waste Management;
- Materials Management Plan; and
- Spill Response Plan.

Given the limited scope and duration of the Proposed Development, supporting documentation will be targeted and proportionate to the identified environmental risks.

2. IMPLEMENTATION OF THE CEMP

2.1 BASIS OF ENVIRONMENTAL MANAGEMENT

Environmental management during construction of the Proposed Development will be governed by:

- Applicable national and local legislation;
- Relevant industry guidance and codes of practice;
- Site-specific procedures and management systems implemented by ERM and Dow; and

2.2 ROLES AND RESPONSIBILITIES

2.2.1 CLIENT

The Dow Chemical Company (Dow), as the Applicant, will act as the Client in the context of the Construction (Design & Management) Regulations.

Dow responsibilities at the Client under CDM include:

- Overall responsibility for the works;
- Making suitable arrangements to ensure that construction work is carried out safely;

- Ensuring pre-construction information is provided to the right people at the right time to help with designing the structure(s) and construction planning; and
- ensuring that arrangements for the provision of suitable welfare facilities are put in place for construction workers, by the principal contractor/contractor.

2.2.2 CDM DESIGNER

ERM will act as the Designer for the project.

ERM responsibilities will include:

- Project Management and day to day oversight of the works;
- Ensure that the Client are aware of their CDM duties;
- take account of pre-construction information provided during design work.
- eliminate foreseeable health and safety risks to anyone affected by the project (if possible)
- Take steps to reduce or control any risks that cannot be eliminated. Health and safety risks need to be considered alongside other factors that influence the design such as cost, fitness for purpose, aesthetics and environmental impact, for example how a theatre set can be designed to limit the amount of work at height required during construction;
- Co-operate and co-ordinate with others including regulatory bodies and stakeholders; and
- Ensuring appropriate environmental controls are in place.

2.2.3 CDM CONTRACTOR

The works are expected to be undertaken by a single contractor, subject to confirmation.

The Contractor's responsibilities will include:

- Undertaking the works in accordance with relevant legislation and good practice;
- Preparing detailed Risk Assessments and Method Statements (RAMS) prior to commencement;
- Check that all workers they employ or appoint have the skills, knowledge, training and experience to carry out the work,
- Provide appropriate supervision, instructions and information to their workers;
- Ensure general requirements for construction sites are met, such as stability of structures, good order, safe traffic routes, fire prevention and emergency procedures;
- Implementing the requirements of the CEMP during construction; and
- Plan, manage and monitor the way they carry out their own construction work including ensuring site personnel are briefed on environmental requirements, carrying out routine site checks to ensure compliance with environmental controls and managing and responding to any environmental incidents or issues that may arise.

The Contractor will also maintain responsibility for day-to-day environmental management on site.

2.2.4 ALL PROJECT PERSONNEL

All personnel working on the Site will be required to:

- Comply with the requirements of the CEMP and associated method statements;
- Follow site instructions and good working practices; and
- Attend site briefings or inductions where required and report any environmental concerns, incidents or near misses to the Contractor.

2.2.5 COMMUNICATION AND CO-ORDINATION

Due to the limited scale and duration of the Proposed Development, formal community liaison arrangements are not anticipated to be required.

Communication with stakeholders will be managed proportionately, with Dow acting as the primary point of contact.

In the event of any complaints or concerns, complaints will be recorded and investigated.

Appropriate corrective actions will be implemented where necessary and records of any complaints and actions taken will be maintained.

2.3 TRAINING

All site personnel will receive an appropriate level of briefing or instruction in relation to environmental management requirements relevant to their role.

This will include:

- Site-specific environmental controls (e.g. dust suppression, materials handling);
- Emergency procedures; and
- Reporting requirements for environmental incidents.

Formal training requirements will be proportionate to the nature of the works and risks involved.

2.4 MONITORING AND AUDITING

2.4.1 MONITORING

Monitoring of environmental performance will be undertaken through routine site checks during the works.

These checks will focus on key aspects relevant to the Proposed Development, including:

- Dust management and suppression;
- Materials handling and stockpiling;
- General site housekeeping; and
- Any potential nuisance effects.

Where issues are identified, corrective actions will be implemented as soon as practicable. Monitoring of the environmental effects of construction allows the effectiveness of the environmental mitigation measures being employed to be assessed. It will also allow any issues to be identified and corrected to in a timely manner.

2.4.2 AUDITING

Given the short duration and limited scale of the works, formal audit procedures are not anticipated to be required.

However, Dow may undertake periodic oversight checks to confirm that the works are being undertaken in accordance with the CEMP.

Where non-conformances are identified by the audit, the General Contractor will work with ERM and Dow to agree the appropriate corrective measures and ensure implementation of those measures in a timely manner.

2.5 CONTINGENCY PLANNING

During the works, there is the potential for environmental incidents and emergencies to occur, i.e. unforeseen events which lead to, or have the potential to lead to, adverse effects on people, property or environmental resources (e.g. watercourses, habitats). This may include, but not limited to, pollution incidents, extreme weather events or fire. Procedures will be established to deal with environmental incidents and emergencies in accordance with project-specific and/or task-specific risk assessments and method statements. As a minimum, procedures will be in place to manage environmental incidents or unexpected events, such as:

- Dust generation beyond acceptable levels;
- Unexpected contamination or unsuitable materials;
- Spills or leaks from plant; or
- Adverse weather conditions.

In the event of such occurrences:

- Works will be paused where necessary;
- The issue will be assessed; and
- Appropriate corrective actions will be implemented before works resume.

2.6 RECORD-KEEPING

The Contractor will maintain appropriate records relating to environmental management during the works.

Records will include:

- Copies of the CEMP and supporting documentation;
- RAMS and site briefings;
- Records of site checks;
- Records of any incidents, complaints, and corrective actions; and

- Any updates to environmental management procedures.

Records will be made available to Dow and, where required, to regulatory authorities.

2.7 PROCUREMENT AND CONTRACTOR APPOINTMENT

The works are not currently subject to a formal tendering process although this may be undertaken depending on price.

A contractor has been identified, and a quotation is being finalised. Details of contractor arrangements will be confirmed prior to commencement of works.

The appointed contractor will be required to demonstrate that they can comply with the requirements of the CEMP and relevant environmental management measures before works commence.

3. ENVIRONMENTAL REQUIREMENT AND COMMITMENTS

3.1 INTRODUCTION

Construction activities associated with the Proposed Development will be undertaken in accordance with applicable environmental legislation, guidance, and relevant industry good practice.

Key regulatory requirements include, but are not limited to:

- The Environmental Protection Act 1990 (EPA), including controls relating to statutory nuisance (e.g. dust, noise and odour);
- The Water Resources Act 1991, relating to the protection of surface water and groundwater; and
- Other applicable legislation governing pollution prevention, waste management, and site operations.

In addition, the works will be undertaken in accordance with the methodologies outlined within the planning application and supporting technical documentation.

Given the limited scale and duration of the Proposed Development, environmental management measures will be proportionate and focused on controlling the key risks associated with the works, namely dust generation, materials handling, and general site practices.

The following sections set out the environmental control measures that will be implemented to ensure compliance with these requirements.

3.2 GENERAL SITE PRACTICE

Construction activities at the Site will be managed to minimise the risk of environmental nuisance and pollution, particularly with regard to dust, noise, and materials handling.

The Proposed Development is located within an existing secure industrial facility, and all works will be contained within the Site boundary. As such, the potential for environmental effects is limited and can be effectively managed through standard good practice measures.

General site practices to be implemented include:

3.2.1 SITE ORGANISATION AND LAYOUT

Works will be undertaken within defined areas, with materials and plant managed to minimise disturbance and ensure safe and efficient operation.

3.2.2 MATERIALS MANAGEMENT

Stockpiled soils will be managed to prevent unnecessary handling, excessive disturbance, or uncontrolled dispersion.

3.2.3 DUST CONTROL

Measures will be implemented to minimise dust generation, including damping down where required, particularly during dry or windy conditions.

3.2.4 POLLUTION PREVENTION

Measures will be in place to prevent the release of pollutants to ground or drainage systems, including appropriate control of runoff and careful handling of materials.

3.2.5 GOOD HOUSEKEEPING

The Site will be maintained in a tidy condition throughout the works, with waste materials segregated and managed appropriately.

3.2.6 SITE ACCESS AND SECURITY

Access to the Site will be controlled by the existing site security team and all activities will remain within the Site boundary.

3.2.7 AWARENESS AND SIGNAGE

Site personnel will be informed of environmental requirements through briefings and appropriate signage, as necessary.

More specific mitigation measures for relevant environmental aspects are set out in the following sections.

3.3 SOIL MANAGEMENT

All soils disturbed as part of the Proposed Development will be managed in accordance with relevant good practice guidance, including the Defra Construction Code of Practice for the Sustainable Use of Soils on Construction Sites (2009), where applicable.

The works involve the movement and reuse of previously stockpiled soils within a confined industrial site. No topsoil stripping or agricultural soils are present.

Key soil management measures include:

- Minimisation of soil handling through direct transfer from stockpile to excavation areas;
- Placement of materials in controlled layers to reduce disturbance;
- Restriction of plant movements to defined working areas;
- Avoidance of soil handling during unsuitable weather conditions where practicable; and
- Segregation of any unsuitable materials encountered during works.

A formal Materials Management Plan under the CL:AIRE Definition of Waste Code of Practice is not anticipated to be required, given that materials will be reused on-site within a single, controlled activity area. However, materials will be managed in accordance with the principles of reuse and good practice.

3.4 CONTAMINATED LAND AND WATER

The regulatory framework for contaminated land in England is set out in Part 2A of the Environmental Protection Act 1990, supported by Land Contamination Risk Management (LCRM, 2020).

Based on previous site investigations and testing, the stockpiled soils proposed for reuse are considered suitable for backfilling (see 'Dow Jarrow – Draft Method Statement for Backfilling of Pits' dated 30th March 2026, which was appended to the planning application).. The risk of encountering significant contamination during the works is low.

3.4.1 MATERIALS MANAGEMENT AND CONTROL MEASURES

The following measures will be implemented to minimise the risk of exposure to contaminants and to protect controlled waters:

Reuse of tested materials:

- Backfilling will utilise existing on-site stockpiled soils previously subject to testing and assessment;
- Materials are expected to comprise predominantly cohesive soils with some made ground (e.g. brick, concrete fragments).

Segregation of unsuitable materials:

- Any visually identifiable unsuitable materials (e.g. large concrete fragments, brick, wood, plastic or other debris) will be segregated during handling and excluded from reuse;
- Such materials will be set aside for appropriate management or disposal (outside the scope of these works unless otherwise agreed).

Control of potential asbestos-containing materials (ACMs):

- Based on the completed verification testing, the presence of widespread asbestos is not anticipated, isolated fragments (e.g. within made ground) may be encountered;
- Any suspected ACMs identified during works will be segregated and not reused;
- Works in the affected area will be paused and managed in accordance with an Asbestos Management Plan (AMP);
- Appropriate personal protective equipment (PPE) will be used where required.

Handling and placement of materials:

- Materials will be placed in a controlled manner to minimise disturbance and prevent unnecessary handling;
- Backfilling will be undertaken progressively to reduce the duration of exposed ground.

3.4.2 UNEXPECTED CONTAMINATION

Although the risk is low, there remains the potential for localised, previously unidentified contamination to be encountered.

In the event of encountering unexpected contamination (e.g. unusual odours, staining, discoloured soils, or suspect materials), the following measures will be implemented:

- Works in the immediate vicinity will be temporarily suspended;
- The affected material will be segregated and isolated;
- A competent person will assess the material and determine appropriate actions, which may include additional sampling and classification;
- Appropriate PPE/RPE will be implemented where necessary;
- The findings and proposed management approach will be agreed with the Client and, where required, the Local Authority prior to resumption of works.

3.4.3 PROTECTION OF CONTROLLED WATERS

Given the nature of the works and materials, the risk to controlled waters is considered low. Nevertheless, the following precautionary measures will be applied:

- Avoidance of unnecessary stockpiling and prompt placement of materials to reduce exposure to rainfall;
- Management of stockpiles to prevent runoff (e.g. through profiling and, where necessary, temporary covering);
- Refuelling and maintenance of plant to be undertaken in designated areas with appropriate spill control measures;
- Availability of spill kits on site and immediate clean-up of any spills; and
- No discharge of contaminated water to surface water drains or ground.

3.4.4 MONITORING AND RESPONSIBILITY

- The Contractor will be responsible for implementing the above measures and ensuring that site operatives are briefed on contamination risks and procedures.
- Routine visual inspections will be undertaken during works to identify any signs of contamination or unsuitable materials.

Records of any incidents, findings, and actions taken will be maintained and made available for inspection if required.

3.5 DUST AND AIR EMISSIONS

Construction activities will be undertaken in accordance with the Environmental Protection Act 1990 and relevant guidance, including IAQM Guidance on Dust from Construction (2014).

Given the limited scale and short duration of the works, the primary air quality risk relates to dust generation during soil handling and plant movements.

Best Practicable Means (BPM) will be applied at all times in accordance with the Institute of Air Quality Management (IAQM) *Guidance on the Assessment of Dust from Demolition and*

Construction (2014). This will inform the preparation and implementation of a site-specific Dust Management Plan (DMP), which will form part of the final Construction Environmental Management Plan (CEMP).

Given the nature of the works (i.e. short-duration earthworks involving excavation plant, dumper movements, and placement of predominantly cohesive moist soils within a secure site boundary), the primary sources of dust and air emissions will include:

- Excavation, handling and placement of stockpiled soils during backfilling;
- Potential wind disturbance of exposed surfaces and stockpiles; and
- Exhaust emissions from construction plant.

3.5.1 DUST MANAGEMENT MEASURES

The following mitigation measures will be implemented as a minimum:

- Risk-based dust monitoring (e.g. visual inspections and, where required, dust deposition monitoring).

Minimisation of exposed soils:

- Handling and placement of soils will be undertaken in a controlled manner to limit disturbance.

Moisture control and dust suppression:

- Stockpiled materials and working areas will be dampened as necessary during dry or windy conditions;
- Non-potable water (including site runoff, where practicable) will be used for dust suppression.

Stockpile management:

- Stockpiles will be kept to the minimum practicable size and height;
- Stockpiles will be damped or covered if there is a risk of wind-blown dust (noting that materials are expected to be predominantly cohesive and moist).

Vehicle and plant controls:

- Plant speeds will be controlled to minimise dust generation;
- All vehicle movements will be restricted to existing hardstanding road ways within the site boundary;
- Wheel cleaning measures will be implemented where necessary to prevent tracking of mud/dust (although off-site tracking risk is low due to internal-only movements).

Site management and housekeeping:

- Loose debris and fine materials will be regularly managed and contained;
- Any visibly dusty activities will be temporarily halted during high wind conditions and reviewed;
- Temporary fencing around the work areas will be used, where practicable, to provide wind screening.

3.5.2 CONTROL OF OTHER AIR EMISSIONS

Construction plant and vehicles will not be left idling unnecessarily.

All plant will be subject to routine inspection and maintenance to ensure efficient operation and minimise exhaust emissions.

Any potentially odorous or contaminated materials encountered will be:

- Managed promptly and, where necessary, covered; and
- Subject to review, with works temporarily paused if unexpected odours are detected.

Activities with the potential to generate fumes or odours will be undertaken, as far as practicable, away from site boundaries.

3.5.3 MONITORING, INSPECTION AND RESPONSIBILITIES

The Contractor will be responsible for:

- Implementing the DMP and all associated mitigation measures;
- Undertaking daily visual inspections of dust and air emissions;
- Recording monitoring results and any corrective actions taken.

Records will be maintained on site and made available for inspection by the Client and Local Authority as required.

Any complaints or observed exceedances will trigger an immediate review of working methods and implementation of additional mitigation where necessary.

3.6 TRAFFIC MANAGEMENT

The Proposed Development involves limited vehicle movements within an existing operational site.

All plant and vehicle movements will be restricted to within the Site boundary, and no significant increase in off-site traffic is anticipated.

Key measures include:

- All vehicles and plant operating within designated working areas only;
- No parking or waiting on the public highway;
- Delivery of plant and materials scheduled to avoid congestion where practicable; and
- Maintenance of safe access within the Site at all times.

Given the scale of the works, a formal Construction Traffic Management Plan is not considered necessary.

3.7 NOISE AND VIBRATION

Construction noise will be managed in accordance with the Control of Pollution Act 1974 and the Environmental Protection Act 1990.

The works are short duration and involve standard construction plant (e.g. excavators and dumpers). Noise levels are expected to be typical of such activities and temporary in nature. No hydraulic breaking is anticipated.

Mitigation measures will include:

- Use of suitable, well-maintained plant and equipment;
- Avoidance of unnecessary idling of engines;
- Undertaking works during standard daytime hours; and
- Adoption of Best Practicable Means to minimise noise generation.

Given the scale and duration of the works, significant noise impacts are not anticipated.

3.8 WASTE MANAGEMENT

Waste management will be undertaken in accordance with relevant legislation, including the Waste (England and Wales) Regulations 2011.

The Proposed Development will generate minimal waste, as the works are focused on the reuse of on-site materials.

Key measures include:

- Maximisation of reuse of suitable soils on-site;
- Segregation of any unsuitable materials identified during works;
- Appropriate storage and handling of waste materials;
- Transfer of wastes to authorised facilities by licensed contractors (where required); and
- Maintenance of records where applicable.

Waste will be managed in accordance with the waste hierarchy.

3.9 HAZARDOUS SUBSTANCE STORAGE AND HANDLING

Hazardous substances used during construction will be limited to fuels, oils, and other materials associated with plant operation.

Measures to prevent pollution will include:

- Storage of fuels and oils in appropriate containers and, where required, within bunded areas;
- Use of drip trays during refuelling and maintenance activities;
- Refuelling undertaken in controlled locations;
- Provision of spill kits on site; and
- Immediate response and clean-up of any spills.

Potentially contaminated soils, where encountered, will be managed in accordance with Section 3.4.

Regular checks will be undertaken to ensure compliance with these measures.

4. REFERENCES

4.1 LEGISLATION

- Environmental Protection Act 1990.
- Control of Pollution Act 1974.
- Water Resources Act 1991.
- Waste (England and Wales) Regulations 2011 (as amended).
- Hazardous Waste (England and Wales) Regulations 2005 (as amended).

4.2 GUIDANCE AND INDUSTRY STANDARDS

- Defra (2018). *Waste Duty of Care: Code of Practice*. Available at: <https://www.gov.uk/government/publications/waste-duty-of-care-code-of-practice>
- Defra (2009). *Construction Code of Practice for the Sustainable Use of Soils on Construction Sites*.
- Environment Agency (2020). *Land Contamination Risk Management (LCRM)*.
- CL:AIRE (2011). *Definition of Waste: Development Industry Code of Practice (DoW:CoP)*.
- Institute of Air Quality Management (IAQM) (2014). *Guidance on the Assessment of Dust from Demolition and Construction*.
- BS 5228-1:2009+A1:2014. *Code of Practice for Noise and Vibration Control on Construction and Open Sites*.

4.3 PROJECT-SPECIFIC DOCUMENTS

- ERM (2026). *Dow Jarrow Pit Backfill Method Statement (Technical Memo)*.
- Planning Application Documentation for the Dow Jarrow Project.



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