

Preliminary Construction Environmental Management Plan (CEMP)

Proposed Ground Investigation Works at Whitehaven Harbour

Draft Preliminary Construction Environmental Management Plan (CEMP)

This Preliminary Construction Environmental Management Plan (CEMP) has been prepared to support the Mining Remediation Authority's (MRA) Listed Building Consent (LBC) application for proposed Ground Investigation (GI) works at Whitehaven Harbour. The investigations are required to determine the constructability of a short harbour pipeline.

The control measures outlined below will form part of the contractor's Pre-Construction Information (PCI) and will be incorporated into their Risk Assessment and Method Statements (RAMS) and Construction Phase Plan (CPP) for the works.

The following measures will be agreed with Whitehaven Harbour Commissioners (WHC) and communicated to WHC tenants, stakeholders, and local residents as appropriate.

Preliminary CEMP

The project is expected to take approximately three to four weeks from mobilisation to demobilisation, with the most intensive activity (drilling operations) anticipated to last approximately five days.

a. Site Working Hours and Public Protection

- Operational working hours: Monday to Friday, 08:30 to 16:30.
- No work will be undertaken on Saturdays or Sundays unless required in response to a specific health, safety, or environmental emergency.
- All personnel will receive a project-specific site induction prior to commencing work, including the risks associated with working adjacent to water.
- Working areas will be securely fenced to prevent unauthorised public access.
- All site visitors will be escorted at all times.
- Pedestrian routes will be segregated from plant and vehicle movements wherever practicable.
- A banksman will supervise vehicle movements during access to and egress from the public road network.
- Where personnel are working adjacent to water, lifebuoys and throw lines will be provided.
- A water rescue boat will be available throughout the works, equipped with buoyancy aids, lifebuoys, and throw lines, and operated in collaboration with Whitehaven Harbour Commissioners' operational team.

b. Traffic Management Plan

- A traffic management risk assessment will define vehicle access routes between the A66 and the site compound, including the identification of suitable passing places.
- Vehicles transporting materials will be sheeted or otherwise secured to prevent the loss of materials during transit.
- Traffic management arrangements will prioritise access for local businesses, residents, and harbour operations, including boat lift activities.
- Drivers using the harbour quayside will receive daily briefings on site-specific requirements and constraints.

c. Potential Nuisance Control Measures – Noise

The contractor will agree and implement appropriate noise mitigation measures, including:

- Use of plant fitted with suitable noise attenuation measures.
- Installation of acoustic barriers or sound blankets where appropriate.
- Switching off plant and equipment when not in use.
- Positioning plant and equipment away from site boundaries and other sensitive receptors wherever practicable.
- Undertaking baseline and operational environmental noise monitoring to assess the significance of construction-related noise.

d. Potential Pollution Control Measures

The contractor will agree and implement appropriate environmental protection measures, including:

- Provision of fuel and oil spill response kits, including containment booms.
- Storage of fuel in double-skinned containers with secondary containment providing a minimum capacity of 110% of the stored volume.
- Storage of fuels away from drains, watercourses, and sensitive environmental receptors.
- Labelling, storage, handling, and disposal of hazardous substances in accordance with COSHH requirements and manufacturers' recommendations.
- Ensuring personnel undertaking refuelling activities are appropriately trained and competent.
- Use of drip trays and/or plant nappies beneath static plant and equipment.
- Inspection of all plant and equipment for leaks prior to use and movement.
- Implementation of procedures for reporting and responding to accidental spillages.
- Reporting of significant spillages or environmental incidents to the Environment Agency and Whitehaven Harbour Commissioners.
- Availability of water suppression equipment to manage dust generation where required.
- Provision of road sweeping equipment to maintain clean access routes.
- Prevention of runoff from spoil heaps or stockpiles entering drains, harbour waters, or watercourses.
- No burning of waste or materials on site.
- Detailed environmental controls and emergency procedures to be specified within the contractor's risk assessments and method statements.

e. Waste Management

The contractor will agree and implement waste management controls, including:

- Minimising waste generation through efficient planning and working practices.
- Identifying opportunities for the reuse and recycling of materials where practicable.
- Managing all waste in accordance with relevant waste management legislation.
- Providing appropriately located and clearly labelled skips, containers, or stockpile areas.
- Ensuring waste containers are secure and covered where required.
- Ensuring only suitable, non-contaminated materials are used for backfilling and reinstatement works.

f. Ecological Protection Measures

- Works will be completed outside of the breeding bird period (March – August inclusive). If this is not possible a breeding bird check should be carried out no more than 48 hours prior to the planned development to ensure no birds and their nests are present within habitat/buildings that may be directly or indirectly impacted. If active nests are discovered an appropriate buffer zone should be established and works within that area ceased until the young have naturally fledged.
- Works are programmed to commence in September for the duration up to 4 weeks on site with circa 4 days drilling), which also avoids the peak overwintering season of November-February overwintering season although no timing restriction is required from the findings within the HRA.
- Should significant numbers of SPA-associated birds be observed utilising the adjacent intertidal habitat immediately adjacent to the works, an ecologist will be consulted and temporary modification of working methods will be considered to minimise disturbance
- Ecological protection measures will be agreed prior to commencement of works.
- All activities will be undertaken in accordance with the recommendations of the relevant ecological surveys and reports.
- Any required ecological mitigation measures will be incorporated into the contractor's RAMS and CPP.

g. Environmental Monitoring and Records

Environmental records and site logs will be maintained throughout the works, including:

- Weather conditions and rainfall.
- Tide times and harbour water levels.
- Environmental inspections.
- Noise monitoring results.
- Records of incidents, near misses, complaints, and corrective actions.

Indicative Framework

The measures outlined above are indicative and intended to provide a framework for environmental management during the proposed works. Final control measures and project-specific details will be agreed with Whitehaven Harbour Commissioners, the landowner, and the appointed contractor prior to commencement of works.