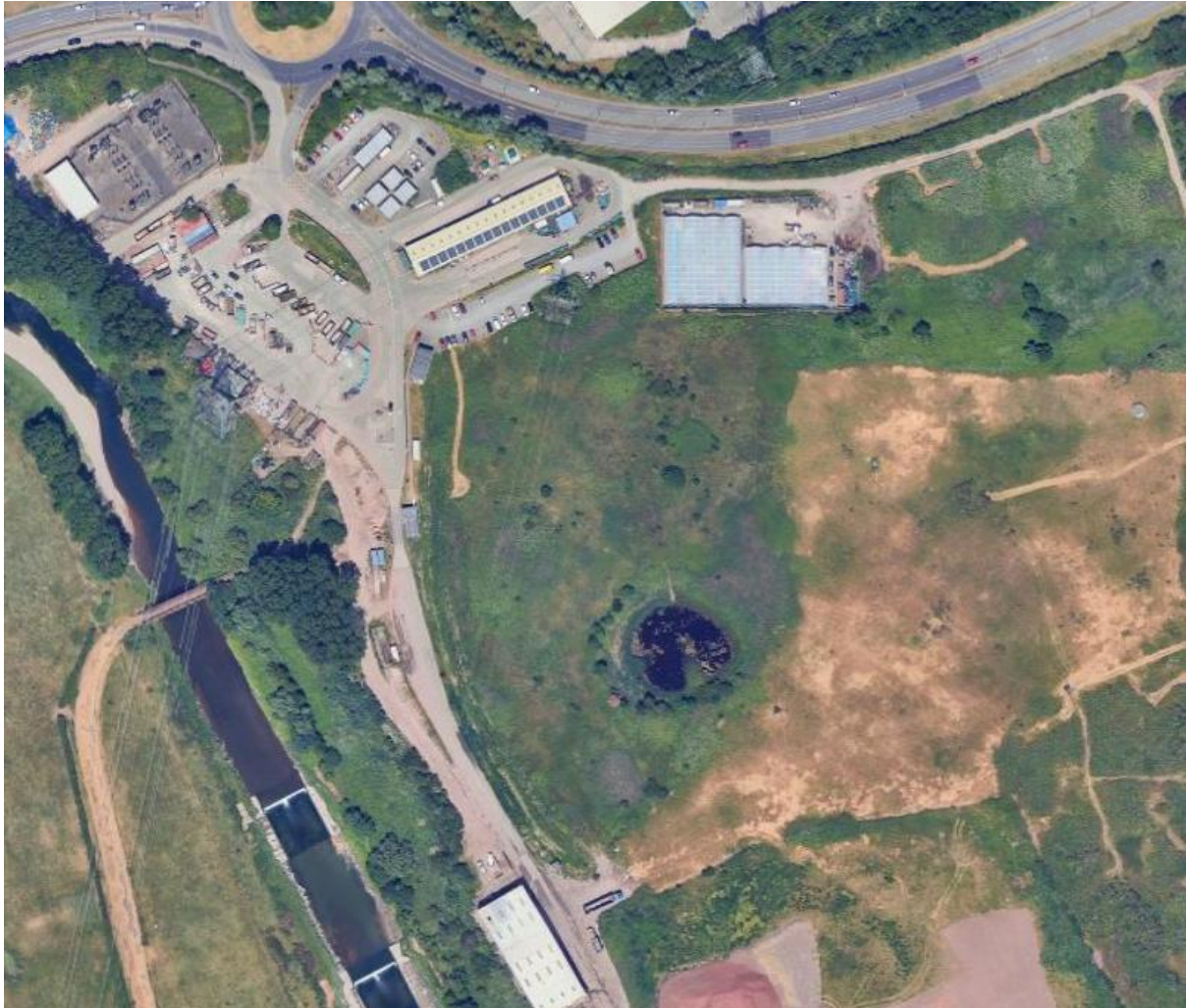


Construction Environmental Management Plan

Docksway Solar Farm



Docksway Landfill Site

Newport

NP20 2NS

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1.0 Introduction

1.1 Project Description

Installation, and commissioning of the solar farm and a DC coupled battery with a 400V grid connection at the council's Docks Way Landfill Site in Newport, comprising of:

- Solar PV panels
- Mounting frames
- Inverters
- Transformer stations
- Ground Mounted Cabling
- Battery Energy Storage Systems
- Internal access tracks
- Security fencing
- CCTV equipment
- Temporary construction compounds

1.1.1 Location

The proposed works are located:

Docks Way Landfill Site
Docks Way,
Newport,
NP20 2NS

1.2 General

This Framework CEMP is submitted by the applicant to discharge the planning condition prior to appointment of the Principal Contractor. The appointed Principal Contractor shall review, update and implement this document prior to commencement of works, ensuring compliance with all requirements contained herein

The Future Contractor will produce a CEMP as a precondition to the planning consent to produce. This document, the Construction Environmental Management Plan (CEMP), has been produced to describe how a detailed, site specific CEMP will be developed to avoid, minimise, or mitigate any construction effects on the environment and the surrounding community.

This CEMP has been developed to provide the management framework. needed for the planning and implementation of construction activities in accordance with environmental commitments identified in legislative requirements.

The adopted construction stage CEMP should be considered by the Principal Contractor as a 'living' document with reviews being undertaken at predetermined intervals and data added as appropriate. The measures identified in the CEMP should be:

- Viewed as mandatory and common practice on-site.
- Embedded within the company's policies and site procedures, e.g., within an existing environmental management system framework.

1.3 Programme

The works are due to commence September 2026 and will run for a duration of 32 weeks.

No construction work shall be carried out on the site other than between the hours of 08:00 – 16:300 Monday to Friday and between 08:00 – 13:00 on Saturdays. There shall be no development on Sundays or Bank Holidays. Reason, to protect the amenities of nearby residents.

1.4 Equipment and Plant

The future contractor will identify the equipment and plant to be used, including type, size and expected number. Plant used for the scheme is likely to comprise conventional demolition, earthworks and landscaping construction.

2.0 Environmental Management Framework

2.1 Environmental Policy

The project will be carried out in accordance with the policies/objective listed below:

- The designer's environmental policy and procedures.
- During the pre-construction and construction phases, management of the project will also need comply with the Contractor's Environmental Policy and procedures.

2.2 Environmental Aspects and Impacts

A schedule of potential significant environmental effects relating to each activity will be developed by the Contractor and included within the CEMP. This information should be drawn on by the Contractor when developing the schedule of significant effects prior to construction.

The schedule should be reviewed and updated at each project phase or where changes are made to the project scope, changes should be reflected in the CEMP and Impacts and Aspects register.

2.3 Objectives and Targets

Environmental objectives for the construction phase will be developed and should refer to legal compliance and environmental good practice, these will include:

- Zero pollution incidents.
- Minimise waste sent to landfill.
- Minimise disruption to residents (and therefore complaints).
- Protect and where possible enhance biodiversity.

Procedures for monitoring construction processes against the project environmental objectives will be proposed by the Contractor and agreed with the Client Project Manager.

2.4 Structure and Responsibilities

A management structure that includes an organisational chart encompassing all staff responsible for environmental work is to be included within the CEMP. This will set out the respective roles and responsibilities with regard to the environment and identify the nominated Construction Environmental Manager.

2.4.1 Roles and responsibilities

Construction Manager: Responsible for management of the construction phase of the project. Has overall responsibility for the environmental performance of the project.

Site Materials & Waste Manager: Responsible for implementing the Site Waste Management Plan during the construction phase to ensure that waste is disposed of legally, economically and safely.

Site staff: To receive general environmental awareness training, and undertake work in accordance with Method Statement Briefings and toolbox talks.

Trained Personnel: to manage particular tasks as refuelling plant and equipment, managing the stores, water, quality monitoring and supervising the segregation and collection of waste.

Client Project Manager: To ensure that the Contractor complies with all the relevant legal requirements, commitments and targets agreed for the scheme.

Designer: To provide information relevant to construction that may assist the Contractor to manage environmental aspects of the scheme.

2.5 Training Awareness and Competence

Site staff shall be competent to perform tasks that have the potential to cause a significant environmental impact. Competence is defined in terms of appropriate education, training and experience. Project Specific training is required

Environmental awareness and training shall be achieved by:

- Site induction, including relevant environmental issues.
- Environmental posters and site notices.
- Method statement and risk assessment briefings.
- Toolbox talks, including instruction on incident response procedures.
- Key project specific environmental issues briefings.

All managers and supervisors will be briefed on the CEMP.

Method Statements will be prepared for specific activities prior to the works commencing and will include environmental protection and mitigation measures and emergency preparedness appropriate to the activity covered. The Construction Environmental Manager will review key Method Statements prior to their issue.

Method Statement briefings will be given before personnel carry out key activities for the first time.

2.6 Communication

The CEMP will be distributed to the project team, including sub contractors, to ensure that the environmental requirements are communicated effectively. Key activities and environmentally sensitive operations will also be briefed to staff and Contractors. Project, client and company environmental policies, where available, should be displayed on site.

Future Contractor will define procedures for internal and external communication. The client may require that any communication with external parties such as environmental regulators or the public is undertaken through a nominated client representative.

During the construction phase, internal communication will include regular progress meetings, which should cover:

- Training undertaken.
- Progress reports Inspections,
- audits and non-conformance
- Complaints received.
- Visits by external bodies and the outcome or feedback from such visits

- Objective / target achievement, including reporting on environmental performance.

External communication, including letter drops or meetings, and liaison with statutory authorities will be overseen by the Client Project Manager.

2.7 Complaint, Compliments and Inquiries

A Community Liaison Officer will be available on site and a telephone number will be published for use by members of the public wishing to complain, provide other feedback, or make enquiries.

All complaints or information requests will be made aware to the Client Project Manager and will be logged promptly.

Noise may be a key subject of complaint where construction works take place close to residential areas. Working hours, plant types, construction methods and noise mitigation measures are likely to be subject to Section 61 consent, under the Control of Pollution Act which is granted by the local authority. Close liaison with the local authority environmental health team is likely to be necessary to develop mitigation measures.

Liaison will also be undertaken with local councillors and town/parish councils as representatives of the local community to discuss and address any issues.

Newport City Council Noise & Neighbourhood Team may also be the first to be contacted by residents affected by noise and will require to be kept apprised of progress, programme and upcoming phases of works that may give rise to disturbance in order that they can respond to complainants.

Careful monitoring of complaints received, including recording details of the location of the affected party, time of the disturbance and nature of the noise can assist with managing the works to reduce the likelihood of further complaint.

2.8 Checking

Environmental monitoring will be undertaken in order to provide information to be taken into account during construction and to feed back into the CEMP and method statements, and to evaluate the environmental effects of the construction process.

The Contractor's Environmental Advisor is responsible for establishing a programme of environmental monitoring. This will include monitoring against any consent requirements and objectives and targets.

Pre-construction monitoring shall be considered, in order to set a baseline against which construction effects can be assessed.

2.9 Evaluation of Compliance

The Contractor will define procedures for regular site surveillance to evaluate performance against legal requirements and the requirements of the CEMP.

2.10 Non-conformance and Corrective / Preventative Action

Procedures for addressing non-conformance and corrective actions are to be provided. These may include, for example:

- A Non-Conformance Report (NCR) that will be raised to record any environmental incident and work that has not been carried out in accordance with the CEMP or Method Statement.
- A Corrective Action Report (CAR) that will be raised where a deficiency is identified as a result of monitoring, inspection, surveillance and valid complaints.
- Any actions identified shall nominate an owner to follow through the action to be taken, along with a specified timescale for it to be closed out.

2.11 Control of Records

Environmental records, including waste management records, will be maintained in accordance with the respective company procedure and legal requirements. The records are to be maintained, in either hard copy or electronic format as required by the individual procedure that the records relate to, in such a way that they are readily identifiable, retrievable and protected against damage, deterioration or loss. The procedure that the records relate to also specifies the retention time for the records and who has the authority to dispose of them.

2.12 Management Review

The outputs from section 3.8 Checking, will be reviewed on an on-going basis at progress meetings to ensure continual improvement in accordance with the BS EN ISO 14001 model.

Review of the CEMP will be carried out at each project phase and where changes are made that affect the scope of the works to ensure its continuing relevance and accuracy.

3.0 Legal and other requirements

3.1 Legislation

A schedule of appropriate environmental legislation and good practice that will be adhered to is to be included within the CEMP.

3.2 Consents and licenses

A register of permissions and consents that may be required, with responsibilities allocated and a programme for obtaining them is to be developed by the Contractor. Environmental consents and licenses that may be required to enable the construction works are given in Table 2.

3.3 Environmental Consents & Licenses

Planning Act 2008 Consent for the scheme.

Any requirements attached to the consent will need to be adhered to Control of Pollution Act 1974 Prior consent to carry out construction works from the Local Authority. Conservation (Natural Habitats &c.) Regulations 1994 A license may be required if protected species are disturbed by a development e.g. bats Environmental Permitting Regulations 2007 It is not anticipated that a waste management permit will be required as part of the works. However certain activities are exempt from waste management licensing and must be notified to the Environment Agency in advance.

4.0 Operational Control Procedures

4.1 General

Specific management proposals to be included in the CEMP are to be developed relating to the following topics:

- Site establishment
- Boundary fencing
- Protection of existing environmental features
- Access routes/points

- Site housekeeping
- Water quality and drainage
- Nature conservation
- Compensation & enhancement
- Landscape design
- Noise and vibration
- Air quality
- Soils
- Contaminated land
- Waste
- Energy
- Materials
- Transport

Outline management proposals for each of these topics are described in sections 5.2 to 5.19 below.

4.2 Site Establishment

Facilities will be established to minimise risk to the environment and promote efficient use of resources. This will include:

- Temporary protective fencing will be erected to delineate the working areas, site boundaries and protect sensitive features from disturbance.
- Temporary offices, welfare facilities and secure storage of equipment.
- Any necessary fuel and oil will be stored in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001. Refuelling will only be Rev 5 24/02/2022 undertaken in a designated area, designed to contain contaminated runoff, and by trained personnel. Emergency spill kits are to be readily available.
- Materials storage areas will be set up and managed.
- Waste segregation areas will be established utilising containers of an appropriate design to ensure that no waste can escape.
- Sewerage effluent from the site office and welfare facilities will be removed from site using a vacuum tanker, if no sewer connection is available.
- Temporary lighting will be designed to minimise spillage of light, and oriented away from residential properties.
- The temporary site compound will be reinstated to its former condition, suitable for agricultural use, following completion of the project.

4.3 Boundary Fencing

Future Contractor will ensure that the construction site is fully defined and enclosed to deter entry by unauthorised persons. Suitable and sufficient close boarded fencing or Herras type fencing with lockable gates will be used and all necessary safety signs will be displayed to this effect. Our company will take all necessary steps to ensure that we limit the number of people on site at any one time to those persons directly involved in the construction work. Due to the nature of the works all construction site personnel will have been vetted before-hand by the future contractor and at the site induction they will have received instruction and information specific to the site..

4.4 Protection of Existing Environmental Features

Temporary fencing will be provided to protect existing environmental features to be retained, including existing trees which will be protected in accordance with BS5837 2012 - 'Trees in relation to design, demolition and construction - Recommendations'. The fencing will be established prior to the start of the construction works. The location will be agreed on site with the Construction Environmental Manager and client. The fencing will be of sufficient durability to be in place for the duration of the works.

4.5 Access Routes/ Points/ Contractor Parking

Future Contractor will define the method of delivery / removal of materials and plant from the site, including the identification of access routes for deliveries and personnel.

Primary Contractor's Construction site entrance, as per the tender documents, will be supplemented by a secondary additional site access, for larger vehicles and plant, footways are to be maintained throughout along with pedestrian and vehicular visibility splays. These areas to be fully managed by site personnel when in use for purpose of this development.

Contractors Parking will be allocated in zoned area as stated within the tender documents.

Contractors Parking will be allocated in zoned area. Contractor parking will not be allowed in any other areas. There must be no displaced parking of the adjacent neighbouring streets by contractors' vehicles. In addition, to supplement construction staff and visitor parking, an additional stoned area of land will be provided and then fully re-instated upon completion of the works.

4.6 Site Housekeeping

A 'good housekeeping' policy will be adopted across the site. This will include the following requirements:

- No fires on site
- Considerate behaviour of all site staff, including on the highways
- Maintenance of staff welfare facilities
- Removal of food waste and other rubbish at frequent intervals
- Maintenance of road cleanliness surrounding the site

4.7 Water Quality and Drainage

Future Contractor will adopt good construction management practices that will reduce the risks of accidental discharge of pollutants into streams, rivers or ponds, or contamination of groundwater. Such practices shall be incorporated into the CEMP and adhered to.

Drainage during the construction phase will use the permanent drainage system where possible.

Future Contractor will give consideration to minimisation of water use during the construction phase.

The works shall comply with the “Policy and Practice for the Protection of Groundwater. Environment Agency; TSO 1998 ISBN 0-11-310145-7”.

Future Contractor will consult the Environment Agency and agree with them any special measures to be taken within source protection zones (if present) in respect of the excavation and tipping of materials, the siting of Contractor's facilities and measures to prevent the spillage of potential pollutants.

The site is located within an area identified as being at very low risk of flooding from rivers, tidal sources, reservoirs and surface water flooding, based on the approved Flood Consequences Assessment and Flood Risk Statement. Construction activities shall be managed to maintain existing drainage pathways and prevent pollution of nearby watercourses, including the River Ebbw and associated drainage features. Temporary storage of fuels, oils and other potentially polluting materials shall be undertaken in designated areas with appropriate containment measures. Any accidental spillages shall be dealt with in accordance with the pollution prevention procedures contained within this CEMP.

4.8 Landfill Gas and Ground Contamination

A Tier 2 Geotechnical and Geoenvironmental Assessment was undertaken by TFW Group Ltd in April 2026 to assess the suitability of the site for the proposed solar farm development. The assessment confirmed that the site comprises a former municipal landfill that has been capped with inert materials of varying thickness, typically between approximately 0.4m and 1.4m below existing ground level. Beneath the

capping layer, landfill-derived materials were encountered across the site. Groundwater was not encountered during the intrusive site investigation

The proposed development has been specifically designed to minimise disturbance to the former landfill through the adoption of predominantly no-dig and low-intrusion construction techniques. The majority of the solar PV infrastructure will utilise ballast-mounted systems and surface-mounted equipment, reducing the need for excavation and helping to preserve the integrity of the landfill cap. Construction activities will be planned and managed to minimise interaction with underlying landfill materials and to prevent the creation of new pathways for landfill gas migration.

Geoenvironmental testing undertaken across the site identified no exceedances of relevant human health assessment criteria for the proposed commercial end use. Chemical analysis of the capping soils found concentrations of metals, hydrocarbons, PAHs and other contaminants to be below applicable assessment criteria, while asbestos was not detected within any of the tested samples. The assessment concluded that no remediation measures are required in relation to the capping layer for the proposed development.

Ground gas monitoring identified the presence of elevated concentrations of methane and carbon dioxide within the underlying landfill deposits, with maximum recorded concentrations of 74.3% methane and 33.2% carbon dioxide. Whilst the majority of the development comprises open-air infrastructure and therefore presents limited long-term risk from landfill gas, suitable precautions shall be implemented during construction activities involving excavations, trenching or any intrusive groundworks.

To minimise environmental and health and safety risks during construction, the following measures shall be implemented:

- Adoption of no-dig construction methods wherever practicable.
- Protection of the existing landfill cap through controlled plant movements and designated access routes.
- Minimisation of excavation works across the site.
- Personal gas monitoring for operatives undertaking intrusive works where required.
- Immediate reporting and investigation of any unexpected landfill materials, contamination, unusual odours or elevated gas readings.
- Management of excavated materials in accordance with the Site Waste Management Plan and approved construction methodologies.

- Environmental and contamination awareness briefings as part of the site induction process.

Should ground conditions be encountered that differ significantly from those identified during the site investigation, works in the affected area shall cease and the matter shall be referred to the Site Manager and Client Representative for further assessment. Additional sampling, testing or mitigation measures shall be implemented where necessary before works recommence.

4.8 Nature Conservation

The proposed development is located on land at Docksway, Newport, comprising predominantly rough semi-improved grassland, areas of willow and bramble scrub, and a small pond with associated marginal vegetation. Ecological surveys undertaken in support of the planning application identified that the site supports a range of habitats of ecological value and provides opportunities for breeding birds, wintering birds, reptiles, bats, invertebrates and other wildlife.

The site lies within proximity of several nationally and internationally designated ecological sites, including the Gwent Levels – St Brides SSSI, the Severn Estuary SAC, SPA and Ramsar Site and the River Usk SAC/SSSI. Whilst the development site is not directly connected to these designations, construction activities shall be managed to prevent pollution and disturbance that could adversely affect ecological receptors.

The approved development has been designed using predominantly no-dig construction techniques. This approach minimises disturbance of existing habitats and reduces the extent of vegetation clearance and ground disturbance when compared with traditional construction methods

4.9 Compensation & Enhancement

Biodiversity enhancement measures shall be carried out in accordance with the approved planning drawings and ecological reports. Any habitat creation, planting or enhancement measures required by planning condition shall be implemented at the appropriate stage of the development and maintained in accordance with approved specifications.

4.10 Landscape Design

Existing vegetation identified for retention shall be protected during construction. Any approved landscape planting shall be undertaken in accordance with the approved landscape drawings and maintained during the establishment period. Any planting failures identified during the maintenance period shall be replaced with species of similar type and specification.

4.11 Noise & Vibration

Future Contractor will prepare a Management Plan for the control and monitoring of noise and vibration.

The future contractor will make any necessary separate application(s) to all relevant Local Authorities, under Section 61 of the Control of Pollution Act 1974, and obtain consent(s) to undertake the works. Application(s) shall be made at least 28 days before commencement of any activity or works, which may cause noise and vibration disturbance. The application(s) shall include the Contractor's proposals for minimising noise from the construction works to the level(s) agreed with the Local Authority. The Contractor shall comply with the terms of the consent(s) so obtained. Notwithstanding the terms of any consent obtained under Section 61 of the Control of Pollution Act 1974, the Contractor is required to comply with the provisions of the statutory code of practice BS5228: Noise Control on Open and Construction Sites. The Contractor shall provide a draft copy of the Section 61 Agreement to the Client Project Manager for comments and a copy of the final agreement.

Noise and vibration will be controlled and limited so far as reasonably practicable so that sensitive receptors are protected from excessive noise and vibration arising from construction.

Certain activities may extend outside normal working hours to enable safe working or as a result of unforeseen events. The Environmental Health Team will be contacted to agree the activities required.

The principles of Best Practicable Means will be employed to minimise noise levels during construction. Recommendations for the control of noise and vibration on construction sites are set out in BS 5228. The following measures will be used where appropriate:

- Hydraulic plant will be used in preference to pneumatic plant where possible.
- Plant and equipment will be maintained in good working order and fitted with silencers and acoustic panels where appropriate.
- All plant will be shut down or throttled back between periods of use.

- Methods used for concrete breaking and demolition should be carefully considered, non-percussive means should be used where possible.
- In sensitive locations, acoustic enclosures may be required for fixed plant such as generators.
- 'White noise' type reversing warnings should be used on mobile plant in preference to 'bleepers', in order to minimise intrusion.
- We will use modern vibration piling methods that minimise vibration and noise disturbance to adjacent residences compared to traditional percussive piling methods.

4.12 Air Quality

Future Contractor will, prior to the commencement of the works on site, make any necessary application(s) for authorisation to the relevant Pollution Control Authority (Local Authorities and the Environment Agency) under the terms of the Environmental Protection Act 1990 and the Pollution Prevention and Control Act 1999.

Emissions to the air including dust and exhaust fumes can be caused from certain construction activities, including:

- Earthworks / excavation / demolition,
- Use of diesel-powered plant and equipment.

The site is within the school premises and close to residential properties. Best Practicable Means shall be employed where appropriate.

All necessary and practicable measures to control dust emissions through good housekeeping and site operational practices shall be carried out including:

- Sheeting of vehicles: all HGVs carrying loose material capable of spillage or which has the potential to give rise to dusty emissions from the vehicles during transit shall be sheeted. This requirement shall be enforced by the Contractor and any transgressions shall be recorded in a logbook by the Contractor with details of measures to be taken to prevent further occurrences. The logbook shall be available for inspection by the Client Project Manager and local authority at any time during working hours.
- Compound: an area of hard standing of reasonable size shall be provided by the Contractor around site offices and over vehicle management areas, so that dust will be kept to a minimum by appropriate control methods. Drainage arrangements will be included where necessary. The area will be swept at least once every two days or more frequently as the Client Project Manager considers appropriate.

- Water bowsers/sprays: Water sprays shall be applied to all demolition operations as the Client Project Manager considers appropriate.
- Prevention of wind-blown dust arising from storage mounds: Storage mounds shall be profiled to reduce erosion where the nature of the material could lead to it being rain washed or windblown.
- Dust collection during cutting and grinding works: if this is not carried out in an enclosure, tools shall be used that are fitted with dust collection devices (excluding small tools which require a continuously wet working surface).
- Fires: these will be prohibited on site.
- Compliance by construction vehicles with emissions legislation, servicing and MOT requirements: all vehicles regularly used on site shall comply with the relevant emissions standards and shall be serviced in accordance with the manufacturer's recommendations. MOT and service documentation shall be produced for the local authority's inspection. The Contractor is encouraged to use vehicles and plant that meet the latest emissions regulations.
- Engine idling time: No construction plant or vehicle shall leave its engine running when not directly in use, except where the Client Project Manager considers that there are operational or other reasons to justify an exception.

Future Contractor will keep a logbook available for inspection by the local authorities, in order to record the following matters:

- Any complaint relating to emissions alleged to be due to construction activity received from a local resident or business, including date and nature of the complaint and any measures taken as a result of that complaint.
- The date and location of cleaning of paved areas and off-site roads; and
- The date and vehicle registration number of any construction vehicle that is observed carrying material that has the potential to release dust during transit and is not covered. Details of measures taken to prevent further occurrence shall be included.

4.13 Soils

Comprehensive survey, prior to works of the soils and soil types present on site, in order to quantify material types and plan their use and handling.

4.14 Contaminated Land

No contaminated soil has been identified within the landfill cap, however if any soils are discovered of a certain concern, the authority's scientific officer will be notified through the authorities project manager.

4.15 Waste

Waste will be collected and placed into suitable receptacles. As there is limited space for delivery and siting of skips, where possible, waste material will be removed off site on a daily basis. Where skips are required, they will be sited within the confines of the site.

Materials will be disposed of via licensed waste disposal contractors, and as necessary to a specialised licensed waste tip, e.g., for any contaminated ground materials, hazardous materials, etc. The Site Manager will ensure regular collections of waste materials. Waste collections will be planned in line with our traffic management arrangements and be timed to minimise disruption and risk to non-construction personnel.

If required an outline SWMP will be drafted at the detailed design/construction stage.

Future Contractor will, in order to reduce the need for waste disposal, minimise the generation and environmental impacts of wastes arising during the works and shall maximise opportunities for the re-use and recovery of wastes.

Future Contractor will make any necessary applications to the Local Authority and/or the Environment Agency, under the terms of the Environmental Permitting Regulations 2007, and the Town and Country Planning Act (1990) for the storage, treatment or disposal of wastes.

4.16 Energy

In line with the UK Energy Efficiency Action Plan, energy efficiency measures and greener energy sources should be considered and implemented where possible. Using energy more efficiently assists with cutting carbon dioxide emissions:

- Energy consumption is to be minimised and energy use during
- construction monitored.
- Construction plant and equipment is to be maintained to maximise fuel
- efficiency.
- Utilise energy from renewable sources where practicable.
- Ensure efficient materials handling / husbandry.
- Minimise workforce travel.
- Incorporate and source local materials to minimise associated
- transportation.

The completed scheme will have minimal energy requirements in operation, but electricity for lighting should be procured according to a measure of the sustainability of the supply.

4.17 Materials

Local materials will be sourced to minimise associated transportation, where possible.

Material procurement procedures are to be employed that involve purchasing materials based on their environmental impact.

A materials register is to be provided to the Client Project Manager at hand-over that identifies the main material types to facilitate recycling on demolition.

Please refer to Appendices 3 for locations of skips and material storage for both phases of the construction.

4.18 Transport

Road transport is a major source of local air and noise pollution and contributes to carbon dioxide emissions. Opportunities to minimise construction traffic are to be considered, measures may include for example, reducing the transport impacts of materials and construction staff.

Times of deliveries and waste removal to and from the site should be restricted as per the construction hours of 08:00-16:30 Monday to Friday and 08:00-13:00 on Saturdays. No deliveries shall be made to and from the site on Sundays or Bank Holidays. Reason: To protect the amenities of nearby residents.

Signage from the main road will be erected directing all site traffic to the site compound and the site parking areas as agreed with the client. All personnel working on the site can park in the compound located on site. The site compound area can be utilised for site materials as well and materials being stored inside the building. At all times “banksman” will be used to help escort delivery vehicles into the site compound area.

Deliveries will be monitored and controlled at busy times (to be pre indicated at site meeting) and the use of the compound parking coordinated throughout the process. Being as the site is a fully operational landfill site it is imperative that all site parking, traffic and materials are kept away from the main access routes at all times.

The Future Contractor will liaise with the occupants of the site when deliveries are expected and coordinate the delivery with the staff, to cause minimum disruption to the site occupants and neighbouring amenities. Heras fencing will be erected to prevent contact with delivery vehicles and any plant being used on site, also segregation with heras or barrier fencing stops landfill site personnel entering the area, this will be included in the site induction.

The access road into the site will be clear and clean from site debris as to not cause disruption on the road for other users. The future Contractor will inform occupants of adjacent buildings of deliveries and any disruption if required. The main roads around the site will be kept clear of site vehicles and traffic at all times. Site plan is available on site at all times.

5.0 Outline Pollution Control and Contingency Plan

5.1 General

An 'environmental incident' is defined as any event, activity or condition that causes, or has the potential to cause harm to people, or damage to property or the environment. 'Pollution' is defined as any harmful impact on the local atmospheric, aquatic or land environment caused by release of hazardous or nuisance-causing substances or excessive noise and vibration.

5.2 Pollution Prevention

Measures will be developed to control site runoff and prevent contamination. Account will be taken of the Environment Agency Pollution Prevention

Guidelines:

- PPG 1 'General guide to the prevention of pollution'
- PPG 5 'Works and maintenance in or near water'
- PPG 6 'Working at construction and demolition sites'
- PPG 18 'Managing fire-water and major spillages'
- PPG 21 'Pollution Incident Response Planning'
- PPG 22 'Dealing with spillages on highways'

Appropriate pollution prevention measures will be proposed by the principal Contractor and will be detailed in the CEMP.

5.3 Fuel & Oil Handling

All fuel and oil will be stored in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and they will be handled in such a way that risk of pollution is minimised, this will include:

- Storage areas will not be located within 10m of the watercourse or highway gully.
- Drums will be stored in bunded areas with a minimum capacity of 25% of the total volume contained within the bund, or 110% of the largest container, whichever is greater.
- Drums will be maintained in good condition, fitted with lids and labelled to indicate the contents.
- Trained operatives only will carry out refuelling of plant and equipment.
- Static combustion engine plant (e.g. compressors, lighting sets) will be integrally bunded or placed on drip trays.
- Plant will be regularly checked for leaks and will be regularly maintained.
- Spill kits will be provided within close proximity to fuel and oil storage areas and operatives will be trained in their use.

5.4 Maintenance of Plant

Any maintenance of plant and equipment will be carried out at least 10m away from any watercourse or drain. Spill kits will be available during all plant maintenance operations and drip trays used to contain any leakage of oil.

Any plant or equipment considered to be a pollution risk will either be repaired or removed from site.

5.5 Concrete Washout

A designated concrete washout area will be provided for washing out concrete delivery lorries, concrete pumps and grout lines. This will consist of a small skip lined with an impermeable membrane or similar arrangement.

5.6 Control of Sedimentation

Natural, local materials can present a pollution risk in some contexts. Disturbance and handling of soils, particularly in wet weather, can lead to particles being carried by running water into watercourses.

- Locating activities likely to give rise to sediment away from watercourses.

- Ensuring vegetated areas are set aside to act as buffer zones along the top of each bank of a watercourse.
- The provision of silt fencing to remove suspended particles from running water.
- Settlement tanks or lagoons or the use of flocculants to treat water containing suspended particles prior to its release to any water body.

5.7 Notification Procedure

The procedure will include recording all incidents in the project progress report and providing details to the Client Project Manager.

Contact details for key site and emergency response personnel with responsibilities relating to the protection of the environment will be kept and publicised in key locations on site. Key contacts will include:

- Contractor's Project Manager
- Construction Manager
- Construction Environmental Manager
- Client Project Manager
- Community Liaison Officer
- Fire, Police, Ambulance
- Environment Agency 0800 80 70 60

6.0 Handover Environmental management Plan

6.1 Requirements

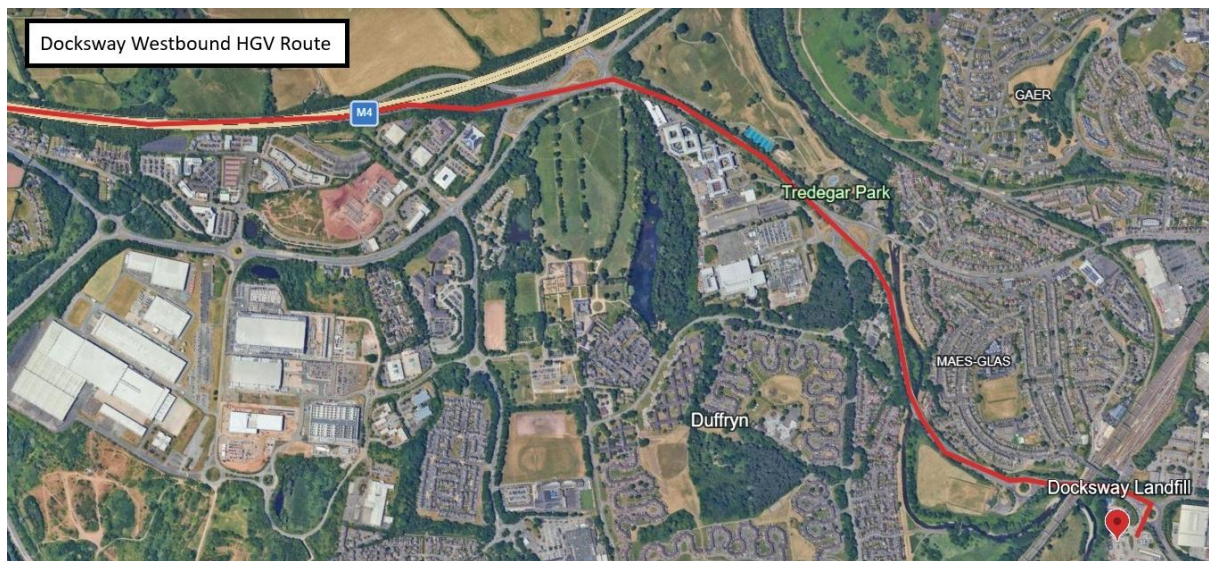
The CEMP is a live document that will consider maintenance implications of the design and construction phase of the project. Maintenance requirements will be recorded in the relevant section of the CEMP and will be updated to provide a Handover Environmental Management Plan (HEMP) at the end of the construction phase. The HEMP will set out the proposed strategy for the future maintenance and management of all environmental areas and will include the following:

- Strategies for the regular maintenance of all Environmental Areas.
- A timetable for the implementation of each regular maintenance operation.
- A timetable showing the anticipated date at which the 'Environmental Function' attributed to each Environmental Area will be achieved.
- A timetable showing the regular monitoring requirements for each

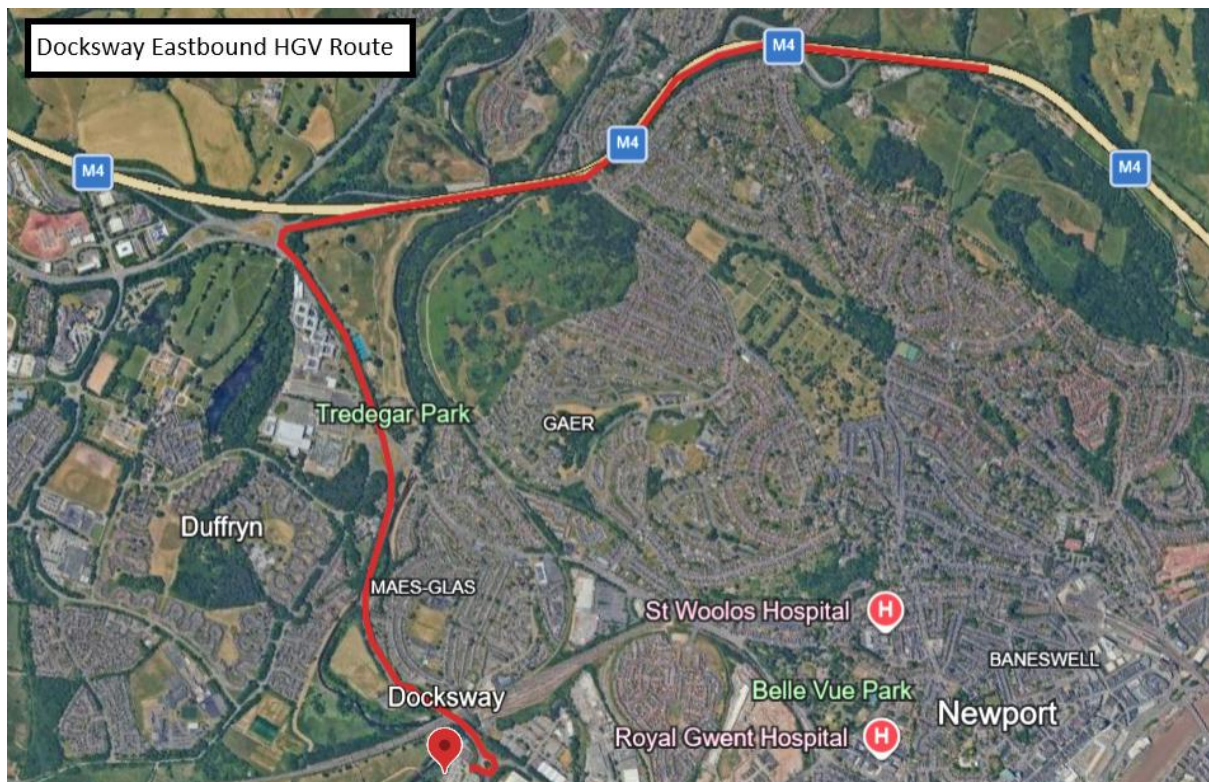
- Environmental Area, including those in relation to protected species and/or
- water quality, as agreed with the relevant Statutory and Non-Statutory
- bodies.
- Any supporting information e.g. agreements made with third parties.

8.0 Appendices

Appendices 1: HGV Route (Westbound M4).



Appendices 1: HGV Route (Eastbound M4)



Appendices 3 Site Plan including site compounds

