

Net Zero Teesside

Deposit For Recovery Permit Application EPR/ZP3827SK/A001
Management System Summary

Net Zero Teesside Power Limited

Project Reference: EPR/ZP3827SK/A001
Project number: 60675797
EPR-ZP3827SK-MSS-R02

23 January 2024

Quality information

Prepared by	Checked by	Verified by	Approved by
Ola Matczak-Jaskolska Principal Permitting Consultant	Caroline Braithwaite Principal Consultant	Angela Graham Technical Director	Ian Campbell Project Manager

Revision History

Revision	Revision date	Details	Authorized	Name	Position
R01	22/11/2024	Initial Draft	20/12/2024	A Graham	Technical Director
R02	16/01/2025	Final	17/01/2025	A Graham	Technical Director

Distribution List

# Hard Copies	PDF Required	Association / Company Name
		Emma Peace / Net Zero Teesside Power Limited
		Environment Agency

Prepared for:

Net Zero Teesside Power Limited

Prepared by:

Ola Matczak-Jaskolska
Principal Permitting Consultant
M: 07747 214616
E: ola.matczak-jaskolska@aecom.com

AECOM Limited
The Crescent Centre, Temple Back
Bristol BS1 6EZ
United Kingdom

T: +44 (117) 917 1200
aecom.com

© 2025 AECOM Limited. All Rights Reserved

This document has been prepared by AECOM Limited ("AECOM") for sole use of Net Zero Teesside Power Limited (the "Client") in accordance with generally accepted consultancy principles, the budget for fees and the terms of reference agreed between AECOM and the Client. Any information provided by third parties and referred to herein has not been checked or verified by AECOM, unless otherwise expressly stated in the document. No third party may rely upon this document without the prior and express written agreement of AECOM.

Table of Contents

1.	Introduction.....	11
1.1	Report Context.....	11
1.2	Background.....	11
1.3	Proposed Recovery Operations	11
2.	Management System Arrangements	13
2.1	Introduction.....	13
2.2	Management Commitment.....	13
2.3	Roles and Responsibilities.....	13
2.4	Technical Competence	13
2.5	Construction Environmental Management Plan (CEMP)	14
2.5.1	Extent of the CEMP	14
2.5.2	CEMP Outline	14
3.	Construction Activities and Maintenance	16
3.1	Operational Control	16
3.1.1	Trained Operators	16
3.1.2	Operating Procedures	16
3.2	Maintenance Management	16
3.3	Monitoring and Control Systems	16
3.3.1	Emissions Monitoring	16
3.3.2	Audits	16
3.3.3	Management Review.....	16
3.4	Non-Conformances, Incidents and Emergency Management	17
3.4.1	Introduction.....	17
3.4.2	Management of Incidents and Non-Conformances	17
3.4.3	Complaints.....	17
3.4.4	Emergency Planning and Response	17
3.5	Management of Documents and Records.....	18
3.5.1	Documented Systems	18
3.5.2	Document Control	18
3.5.3	Environmental Records	18
3.5.4	Maintaining Records.....	18
3.5.5	Data Contingency.....	18
3.6	Resource Management	19
3.6.1	Waste Materials Management.....	19
3.6.1.1	Recovery Operations.....	19
3.6.1.2	Management of Other Wastes	19
3.6.2	Management of Other Materials	19
3.6.3	Water Use.....	19
3.6.4	Energy Use.....	19
3.7	Environmental Management and Mitigation.....	19
3.7.1	Introduction.....	19
3.7.2	Management of Potentially Polluting Leaks and Spillage.....	20
3.7.3	Noise Management	20
3.7.4	Point Source Releases to Air and Water	20
3.7.5	Fugitive Emissions of Substances.....	20
3.7.6	Dust and Particulates	20
3.7.7	Mud and Debris.....	21
3.7.8	Litter	21
3.7.9	Odour	21
3.7.10	Vermin and Pests	21

3.7.11 Cleanliness of Access Road and Highway.....	21
Appendix A WAMITAB Certificates.....	22

Figures

No table of figures entries found.

Tables

Table 1. CEMP Aspects.....	14
----------------------------	----

Glossary

Acronym	Definition
BPM	Best Practicable Means
CAR	Corrective Action Report
CCUS	Carbon Capture Use and Storage
CEMP	Construction Environmental Management Plan
CO ₂	Carbon Dioxide
DCO	Development Consent Order
DfR	Deposit for Recovery
EA	Environment Agency
EIA	Environmental Impact Assessment
EMS	Environmental Management System
EPR	Environmental Permitting Regulations
HSE	Health, Safety and Environment
HSEMS	Health, Safety and Environmental Management System
HV	High Voltage
LEP	Local Enforcement Position
MWe	Mega Watt electrical
NZT	Net Zero Teesside
NZTPL	Net Zero Teesside Power Limited
PCC	Post Combustion Capture
RCBC	Redcar and Cleveland Borough Council
STBC	Stockton-on-Tees Borough Council
STDC	South Tees Development Corporation

1. Introduction

1.1 Report Context

AECOM Limited (AECOM) has been instructed by Net Zero Teesside Power Limited ('NZTPL'), referred to as 'the Operator', to prepare the application for an environmental permit for a Deposit for Recovery (DfR) operation during the construction phase of the Net Zero Teesside Project.

This report has been prepared to support an application for an environmental permit and details the Site Management System Arrangements. The report should be read in conjunction with the other supporting application reports and risk assessments.

1.2 Background

Net Zero Teesside (NZT) is a low carbon electricity generating station, which forms part a proposed Carbon Capture, Utilisation and Storage (CCUS) project located in Redcar, Teesside.

Prior to the construction of the facility, the land on which the PCC installation will be developed was subject to remediation by, South Tees Development Corporation (STDC). This involved the excavation, processing, testing and redeposit of excavated waste at the site under:

- a. Planning approval R/2021/1048/FFM, with Remediation Verification Report submitted under R/2024/0817/CD; and
- b. A Local Enforcement Position (LEP) issued by the Environment Agency (EA) (reference STDC/NZT/LEP, issued on the 19th June 2023 and extended on the 25th June 2024).

The STDC remediation involved the following works:

- demolition of existing structures within the Teesworks site: principally the former raw materials handling facility, sinter plant and conveyor systems;
- excavation of an agreed thickness of the made ground to remove unsuitable/contaminated materials including removal and crushing of derelict underground structures and obstructions within that depth;
- targeted removal of deeper underground structures;
- crushing and grading of suitable material to form a geotechnical material complaint with requirements in the Highways Spec series 600; and
- testing followed by placement and compaction of suitable material to form appropriate platform levels for development.

The LEP permitted the redeposit of up to 1,252,000 m³ of excavated remediated waste to provide for the reclamation or improvement to land as detailed in the submitted Waste Recovery Plan (WRP)¹. The STDC works associated with this LEP and WRP were completed in October 2024, creating the development platform on which PCC Facility will be built. As a result, the waste material being considered for recovery under this application has already been lifted, processed and redeposited as part of the remediation works.

1.3 Proposed Recovery Operations

Following completion and validation/verification of the remediation works, NZTPL will lease the site and construction of the facility is expected to commence during Quarter 2 of 2025. The construction of the facility is anticipated to commence with a construction schedule lasting approximately 4 years.

The construction of the facility is expected to involve a number of works which will generate excavated material comprising previously remediated and redeposited materials and natural materials. There are opportunities to recover previously remediated excavated materials to deliver aspects of the construction scheme which in turn will reduce the volume of excavated material sent for off-site disposal and reduce the need for the import of virgin material. It is understood from discussions with the Environment Agency (EA) that such material reuse must be completed under a Deposit for Recovery (DfR) permit..

¹ Atkins, Land West of Warrenby Waste Recovery Plan, ref: LWWX-ATK-EEI-NZTXX-RP-EN-000001, 16 May 2023

The Operator intends to reuse excavated material from construction earthworks to refill, level and raise the Site and reduce the volume of excavated material being taken off site for disposal. There is also the potential to reuse excavated material from pipeline and cable construction within the installation boundary to refill pipeline and cable excavations.

There is also the potential need to treat excavated material either through screening and/or crushing operations prior to its reuse on site and these waste treatment operations are also included as part of this application.

2. Management System Arrangements

2.1 Introduction

The Environment Agency has adopted an approach to the Environmental Permitting Regulations 2016, as amended (EPR hereafter) which couples regulatory requirements and a company's voluntary environmental management system. This approach is intended to enable more effective and efficient environmental protection with the management of a regulated installation.

This section of the application provides an overview of regulatory requirements and defines waste recovery operation with respect to the site's overall management systems. The information in the following sections outlines the systems at Net Zero Teesside during construction covering environmental, general operations, management and health & safety.

The focus of the report is to provide an overview of management responsibility and management techniques to be employed at the site.

2.2 Management Commitment

Net Zero Teesside will implement a management system that integrates Construction Safety, Health, Environment and Quality requirements. This system will undergo annual audits and reviews.

The senior management will be committed to maintaining high standards of protection for both people and the environment, as detailed in the company's policies and procedures. The key commitments will include:

- Establishing management systems to control safety, health, environment and quality;
- Communicating relevant information to individuals working on behalf of the organisation that could impact on these systems;
- Setting selection criteria for key roles supported by appropriate training;
- Setting objectives and targets to drive continuous improvement; and
- Allocating resources to ensure high standards in system implementation and development.

2.3 Roles and Responsibilities

Roles and responsibilities within the management system will be defined in the Construction Environmental Management Plan (CEMP)² and associated system procedures and documented in specific employee job descriptions. Key roles include:

- NZTPL Project Manager : Holds overall responsibility for ensuring the contractor delivers the waste recovery operations in accordance with the DfR permit.
- Contractor's Project Director has responsibility for ensuring compliance DfR permit and approved Waste Recovery Plan. He is also responsible for preparing the Construction Environmental Management Plan (CEMP) and allocating necessary resources.
- Contractor's Construction Site Manager: Oversees daily waste recovery operations at the site, reporting directly to the Contractor's Project Manager.
- HSE Manager: Designs and manages the day-to-day operations of the HSE management system (HSEMS), advising on system performance and any necessary improvements.

2.4 Technical Competence

A technically competent person will be available on site in accordance with the regulatory attendance requirements. In their absence a nominated deputy will be available. The technically competent person, or nominated deputy, will be responsible for ensuring the requirements of the DfR permit are being met and that the site is controlling incoming and outgoing vehicles, checking/maintaining Duty of Care documentation, inspecting waste to ensure

² Balfour Beatty, NZT/NEP Construction Environmental Management Plan, ref:MCC21001-257-A00-XX-PRM-EV-00009, December 2024

compliance with permit conditions, keeping and maintaining all records. A copy of the certificates for the proposed technically competent person are presented at Appendix A.

2.5 Construction Environmental Management Plan (CEMP)

2.5.1 Extent of the CEMP

The CEMP applies to all waste recovery and construction activities being undertaken by NZTPL and its contractors.

2.5.2 CEMP Outline

The Final CEMP has been prepared and submitted for approval by Redcar and Cleveland Borough Council (RCBC) and Stockton-on-Tees Borough Council (STBC) in accordance with condition 16 in Schedule 2 of the DCO. The CEMP includes but is not limited to:

- an overview of the Proposed Development Scheme;
- details the Scope of the CEMP;
- defines environmental management and construction responsibilities
- outlines construction site layout and provides details of the construction programme;
- defines induction, training briefing requirements;
- sets out the approach to environmental control and emergency response; and
- sets out requirements checking monitoring and auditing.

The Final CEMP is designed with the objective of compliance with the relevant environmental legislation and the mitigation measures set out within the following supporting management plans.

- Air quality management plan;
- Noise and vibration management plan;
- Surface water and flood risk management plan;
- Landscape and biodiversity plan;
- Site waste management plan;
- Construction site lighting management plan;
- Invasive non-native species management plan;
- Pollution incident prevention plan; and
- Groundwater monitoring plan .

It should be read alongside any other environmental documents related to the construction phase and the legal register which details any additional construction licences, permits or approvals that are required including the DfR permit.

This CEMP will ensure consideration of environmental issues at all stages of management and control including:

Table 1. CEMP Aspects

System Aspect	Issues Incorporated
Policy	<p>Both NZTPL and its contractor each have policy statement (s) covering health and safety, environment and quality. These policy statement (s) reflect the principles set out by the main board of each company. Statements specific to the project are appended to the CEMP.</p> <p>Policy statement(s) provide a commitment to:</p>

System Aspect	Issues Incorporated
	<ul style="list-style-type: none"> • Comply with applicable environmental legislation as a minimum; and • Pursue continuous improvements in its environmental performance and management system.
Planning	<p>The Final CEMP includes:</p> <ul style="list-style-type: none"> • an Environmental Risk and Opportunities Register; • Identification of legal requirements affecting the construction activities including the requirements for obtaining a DfR permit or other relevant consents; • Identification of site controls within the above Management Plans that will be required to reduce the potential/ actual impact, actions to mitigate any actual issues and actions to ensure compliance with site legal requirements. <p>NZTPL in association with the appointed Contractor will determine site resource levels (e.g. manpower, equipment, etc.) that will be required for the above controls to be effective.</p>
Implementation	<p>NZTPL and its appointed Contractor will ensure:</p> <ul style="list-style-type: none"> • competence requirements are defined including contractors where required; • adequate levels of training and written instruction are provided; • log events/issues with the potential to impact on the environment; and • ensure the supporting Management Plans are implemented..
Monitoring	<p>NZTPL and its appointed Contractor will ensure.</p> <ul style="list-style-type: none"> • Emissions monitoring and reporting requirements in accordance with the Monitoring Plans is undertaken; • Waste Monitoring is completed in accordance with the Waste Acceptance Procedure within the approved Waste Recovery Plan and the Site Waste Management Plan; and • Non-Compliance and Corrective Action – is completed in accordance with the procedures for an incident / accident / complaint / other non-conformance along with the associated action required to mitigate the issue and prevent a recurrence.
Auditing	<p>Internal auditing will be undertaken by site personnel trained in auditing techniques and will be used for an ongoing assessment of the compliance of the site with specified controls, CEMP and legal requirements.</p>
Management Review	<p>Management will undertake a review of key data to ensure ongoing effective operation of the waste recovery and construction activities.</p>
Reporting	<p>NZTPL and its Contractors will report on its environmental performance in accordance with permit and other defined conditions.</p>

3. Construction Activities and Maintenance

3.1 Operational Control

3.1.1 Trained Operators

Trained staff will be essential for executing waste recovery and construction activities and operating all mobile and waste treatment plant. Their expertise and experience will ensure that correct and proper procedures for operating equipment are consistently followed.

3.1.2 Operating Procedures

To improve the control of construction and recovery activities, procedures will be established that cover key aspects of the construction operations. These procedures will ensure safe waste recovery and construction while minimizing environmental impact. Procedures will undergo periodic reviews.

3.2 Maintenance Management

Maintenance management for the construction and waste recovery operations will encompass:

- **Development of Maintenance Procedures:** A series of procedures will be created for the main plant items, both mobile and fixed. These procedures will reference key documents, detail the steps to be followed, specify who will perform the tasks, describe how information will be recorded, and outline actions or reporting required if issues are identified. There will be an element of planned preventative maintenance to ensure high standards of performance.
- **Planned Preventative Maintenance:** An element of planned preventative maintenance will be implemented to ensure high standards of performance.
- **Maintenance Scheduling:** Scheduling will be carried out with reference to statutory requirements and manufacturer's recommendations.
- **Recording Maintenance Work:** Details of all maintenance work undertaken will be recorded.

3.3 Monitoring and Control Systems

3.3.1 Emissions Monitoring

The Final CEMP covers the construction and waste recovery activities which details the requirements for site inspections and emissions monitoring. The CEMP will be supported by a defined Groundwater Monitoring Plan.

Where monitoring will be undertaken by third party specialists (e.g. groundwater monitoring), these will be completed in accordance with relevant standards.

3.3.2 Audits

Periodic audits will be conducted to verify the implementation of the CEMP, ensure compliance with permit requirements, and assess effectiveness of controls and mitigations. The NZPTL Project Manager will establish the NZTPL audit program, ensure its execution, and report the outcomes to management. Auditors will present their findings to the NZTPL and the Contractor's management team who will develop and report on necessary corrective actions. During audits, all personnel will be expected to identify areas for improvement.

3.3.3 Management Review

The Management Review will encompass the implementation of the CEMP and incorporate feedback from stakeholders. These reviews will occur regularly at defined meetings. The Senior Management Review will review performance and trends to evaluate the quality, environmental, and health and safety performance of the waste recovery operation, identifying areas that will be targeted for improvement as appropriate.

3.4 Non-Conformances, Incidents and Emergency Management

3.4.1 Introduction

The CEMP will include a reporting system for near misses, incidents, and non-conformances. This system will encourage the reporting of all accidents and incidents with potential health, safety, or environmental impacts. It will also cover any unusual occurrences. Examples of what may be recorded include:

- Office or site accidents, minor or otherwise;
- Near misses;
- Regulatory non-compliances;
- Spillages;
- Problems with contractors, drivers and visitors; and
- Complaints and feedback.

Site management will review the reports as appropriate, and identified corrective or other actions will be recorded.

3.4.2 Management of Incidents and Non-Conformances

Non-conformance will be managed according to the Company Procedure, with documentation raised and retained to record environmental incidents and work.

The procedure will define the requirements for:

- Reporting the incident/ accident;
- The mitigation measures to be taken while dealing with the incident/ accident;
- The recording of the incident/ accident and subsequent investigation requirements; and
- The identification, implementation and recording of relevant corrective action required to prevent a recurrence.

3.4.3 Complaints

All complaints regarding the environmental impact of the site operation will be referred to the Site Manager or a designated responsible person in their absence. The complaint will be documented and appropriate action taken as soon as practicably possible. The NZTPL and Contractor's Management Team will be consulted as necessary to address the issue. The complainant will be contacted to confirm the actions taken, and this interaction will be recorded. Additionally, the Environment Agency (EA) and the local Environmental Health Officer will be informed as appropriate dependent to the nature of the complaint.

3.4.4 Emergency Planning and Response

The system to identify, assess and minimise environmental risks and hazards of accidents and their consequences will be detailed in a site Emergency Response Procedure supported by the Pollution Incident Prevention Plan³.

NZTPL and its Contractor will implement appropriate systems and procedures to address hazards, accidents and safety through instruction, training and information. Some of these are detailed below:

- staff training and instruction;
- routine inspection and testing programs;
- accident investigation and reporting;
- first aid and health training;
- housekeeping, machine safeguards information; and

³ Balfour Beatty, "Construction Environmental Management Plan – Appendix C6 Pollution Prevention Plan", ref: MCC21001-257-A00-XX-PRM-EV-00003, December 2024

- fire hazards and chemical handling instruction.

Accidents will be investigated and reviewed by the NZTPL and Contractors Management Teams with support from their HSE personnel. Accidents will be recorded as serious or minor and catalogued into a year-end report. Procedures will be put in place to avoid recurrence.

3.5 Management of Documents and Records

3.5.1 Documented Systems

Documents will be held on NZTPL/Contractor's servers, which function as the document management system (DMS). Documents with specific review dates will have this information recorded on the intranet so that this information is available to schedule reviews.

Copies will be distributed to relevant personnel under a document control procedure.

3.5.2 Document Control

NZTPL and its Contractors will maintain procedures for document control, environmental monitoring and training to maintain a system of environmental records, which include the following:

- monitoring of environmental performance according to specified significant effects, including site placement records, waste transfer notes, records of waste quantity received, waste information forms, waste rejection forms and all relevant correspondence, waste characterisation and analysis records and site log;
- suppliers' details and environmental performance; training records; audit results; and review results.

3.5.3 Environmental Records

Appropriate personnel will complete environmental monitoring at the defined frequencies, ensuring the site will be regularly inspected. Any problems identified during inspections will be reported to the Contractor's Site Manager for rectification. The Contractor's Site Manager will maintain copies of the completed forms.

Instrumentation used to measure data required for monitoring environmental performance are subject to the inspection and calibration requirements and records of such inspections/calibrations will be retained.

3.5.4 Maintaining Records

Site operational records will be maintained in written, electronic or other approved format, and will include, but may not be limited to, the following:

- Complaints records;
- Non-conformance and non-compliance records;
- Monitoring data; and
- Site inspections, audits and reviews

Electronic records will be stored on drives which are automatically backed up. Site operational records will be retained for at least 6 years.

3.5.5 Data Contingency

The document management system will be used to control all site documentation. As site data will be stored electronically, suitable arrangements will be implemented to ensure the data is backed up off-site and maintained for the purposes of business continuity.

When specific documents are required in hard copy format, they will be printed and stored in a site-specific filing system. This same system will be used to store documents that have been generated as hard copy only, (e.g. hand written inspection logs and documents of external origin).

Documents will be retained for the statutory minimum period of time.. When NZTPL and its Contractor are required to maintain hard copy archives of project data these will be suitably indexed and then stored in an archive storage facility.

3.6 Resource Management

3.6.1 Waste Materials Management

3.6.1.1 Recovery Operations

NZTPL plans to reuse excavated material from construction earthworks to refill, level, and elevate the site, thereby reducing the volume of material transported off-site for disposal. Additionally, there is potential to reuse excavated material from pipeline and cable construction within the installation boundary to refill excavations.

During site construction, earthworks will be undertaken to prepare for the installation of foundations and the development platform before erecting buildings, plants, and utilities. Most earthwork activities will occur at depths of 2.5 to 3.5 meters, although certain areas may require excavation and/or foundations beyond 3.5 meters. The majority of excavated material will be made ground, with a smaller amount of naturally occurring material encountered at greater depths. These excavated materials are expected to be classified as non-hazardous waste according to WM3 guidelines and will undergo chemical and geotechnical testing to ensure they meet required material specifications.

The material is proposed to be used in a recovery operation to facilitate the following.:

- Structural backfill of the HV switchyard platform at Tod Point;
- Construction of an earth dyke/bund associated with fire water pond and filling and embankment for tank foundations;
- Other structural backfill;
- Use of sand materials for underground pipes;
- Filling and embankment of tank(s);
- Soil substitution as a structural fill; and
- Provision of base and sub-base courses during road construction.

3.6.1.2 Management of Other Wastes

Wastes which are not being used for the recovery operation will be managed in accordance with the Site Waste Management Plan⁴.

3.6.2 Management of Other Materials

Materials being imported to site will be stored in designated areas of the site in accordance with the CEMP requirements. Liquid materials such as diesel associated with mobile plant use will be stored in designated storage tanks which will be proprietary self-bunded tanks with appropriate containment and levels monitoring.

3.6.3 Water Use

Water use will be primarily associated with welfare provision although some construction activities may require water, This is anticipated to be provided from an appropriate mains supply. Water use will be monitored.

3.6.4 Energy Use

The main sources of energy use will be associated with:

- Provision of electrical power for welfare/office areas; and
- Fuelling of mobile and construction plant.

It is expected that electrical power will be provided by the use of diesel driven generators until construction is far enough progressed, so mains power supply is available. Fuel and electricity (once mains power is available) will be recorded.

3.7 Environmental Management and Mitigation

3.7.1 Introduction

The arrangements for managing and monitoring possible amenity impacts for the site will be developed such that the requirements specified in the Environment Agency “Non-hazardous and Inert Waste: Appropriate Measures” Guidance have been met.

⁴ Balfour Beatty, “Construction Environmental Management Plan – Appendix C5 Site Waste Management Plan”, ref: MCC21001-257-A00-XX-PRM-EV-00002, December 2024

The sub-sections to follow provide an overview of the relevant arrangements which will be in place and further details are provided in the Impact Assessment Report and in the Final CEMP, and the supporting management plans

3.7.2 Management of Potentially Polluting Leaks and Spillage

All vehicles, plant and equipment used on site in connection with the specified construction and waste management operations will be operated and maintained with the objective of preventing potentially polluting leaks, spillages of wastes or other potentially polluting materials.

Site control measures are detailed in the Pollution Incident Prevention Plan³ include but are not limited to:

- Site inspections will check all containment bunds and plant areas for signs of leak or defect – repairs will be undertaken promptly and accumulated material in the containment bund will be removed to ensure that containment capacity is not compromised; and
- Tanks, pumps and site vehicles will be maintained in line with a defined preventative maintenance schedule to ensure the plant integrity and operational efficiency is maintained.

In the unlikely event of a pollution incident occurring on site:

- Minor spillages will be dealt with by use of appropriate absorbent materials and used absorbent will be subsequently appropriately disposed; and
- In the event of a major spillage, immediate action will be taken to contain the spill. Absorbent materials will be used for spillage control and containment. Absorbents will be stored in waterproof container(s) and all operatives will be made aware of their location. Immediately following clean up and appropriate containment the Environment Agency shall be informed and a note to this effect will be made in the site diary.

3.7.3 Noise Management

General controls are detailed in the Noise and Vibration Management Plan⁵ to be used include but are not limited to:

- Avoidance of working in the more sensitive evening and night times where possible.
- Ensuring processes are in place to minimise noise before works begin and ensuring that best practicable measures (BPM) are being achieved throughout the construction programme.
- Ensuring that modern plant is used, complying with the latest noise emission requirements. Selection of inherently quiet plant where possible.
- All plant and equipment being used for the works to be properly maintained, silenced where appropriate, operated to prevent excessive noise and switched off when not in use.
- Use of screening locally around significant noise producing plant and activities.
- Locating plant and equipment liable to create noise as far from sensitive receptors, as reasonably practicable.

3.7.4 Point Source Releases to Air and Water

There are no point source releases to air or water.

3.7.5 Fugitive Emissions of Substances

The operations in place at the Site will ensure that the risk of fugitive emissions of substances are carefully controlled and mitigated against. The site will be maintained in a clean condition with inspections to ensure this practice is maintained / enforced. Controls for specific issues are reviewed below.

3.7.6 Dust and Particulates

Given the nature of the waste streams, the potential for fugitive releases of dust is not significant. Dust will be prevented on the site wherever possible as defined in the Pollution Incident Prevention Plan³ and the following mitigation measures will be employed:

- On-site vehicle movements over concrete and tarmac surfacing where possible and plant will operate to specific speed limits, reducing the potential for dust to become air borne.
- Lorries transporting the friable waste materials into and from the site will be enclosed or sheeted to reduce emissions;

⁵ Balfour Beatty, "Construction Environmental Management Plan – Appendix C3 Noise and Vibration Management Plan", ref: MCC21001-257-A00-XX-PRM-EV-00008, December 2024

- The site will operate with high standards of housekeeping, and the plant will be maintained to high standards to minimise fugitive emissions.
- Waste and other construction materials will be stored in designated stockpiles and storage areas. Water suppression to minimise dust emissions in dry weather will be available.
- In the event of a sustained period of dry weather the potential for dust emissions is likely to be increased. Under these conditions dust will be suppressed and controlled by periodic sweeping and/or water dowsing on site and on the access and egress roads

3.7.7 Mud and Debris

To ensure that the deposit of mud and debris onto public highways does not become an issue, the following additional controls will be employed:

- The site will be maintained in a clean condition with operational surfaces cleared of any potential debris;
- During periods of dry weather, the introduction of water to dampen surfaces may be introduced to reduce any potential for dust emissions from vehicular movements;
- Regular daily inspections of operational areas will be carried out by site operational staff to ensure standards are suitably maintained; and
- If necessary a vehicle wash down area where vehicles leaving site can wash down tyres will be available.

3.7.8 Litter

Due to the nature of the permitted wastes, litter is not likely to present a nuisance to any surrounding receptors; however, the following measures will be implemented:

- Wastes will be controlled in accordance with the Site Waste Management Plan⁴
- Wastes entering and leaving the site will be in sheeted/sealed/containerised vehicles;
- Staff will be required to keep the site and its surrounds tidy; and
- Daily inspections will be carried out; any litter will be retrieved and deposited within the waste reception areas.

3.7.9 Odour

Given the nature of the activities and the wastes being managed, there is little to no potential for odour generation.

3.7.10 Vermin and Pests

The site will be inspected for vermin and pests on a regular basis, and if their presence is detected, the Site Manager will implement appropriate control measures. A pest control firm will be contracted to carry out regular controls, records of which will be available for inspection on site.

3.7.11 Cleanliness of Access Road and Highway

The site access and highway outside the site will be kept free from mud and debris.

Regular inspections throughout the working day will be carried out on the roads, in the event that any mud or debris is noted it will be cleared at the earliest opportunity. A vehicle wash down area will be available to facilitate the cleaning of vehicle wheels.

Appendix A WAMITAB Certificates





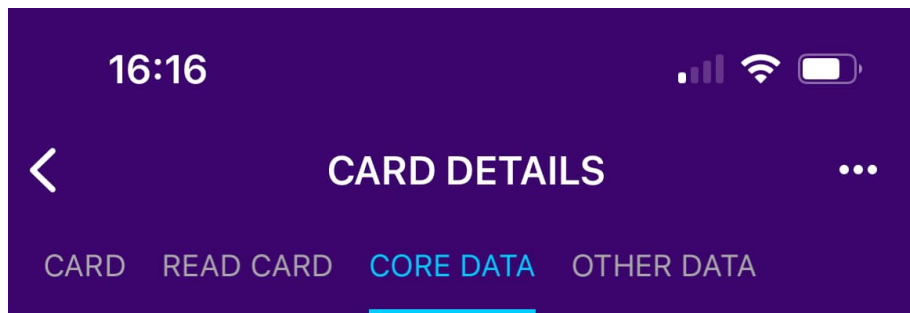
Cardholder Number:
114206

Expires:
28 Feb 2034

Telephone Support Number:
[01604 620426](tel:01604620426)

Issued By:
CIWM

Last Sync With Server:
12 Dec 2024 at 16:14:28



Issued To: T Ward

Issued By: CIWM

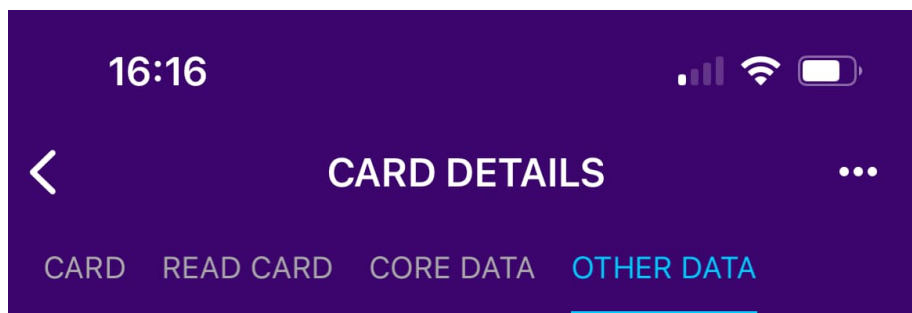
Scheme Number: 114206

Expires End: 28 Feb 2034

Card Type: CIWM - ProFile Card

Issued Date: 12 Feb 2024

Serial Number: 76633130000000374D35AABC
A767BEC1



Continuing Competence - Transfer - Non
Hazardous Waste (TSNH)

Expiry Date: 11 Feb 2026

Continuing Competence - Treatment -
Hazardous Waste (TMH)

Expiry Date: 11 Feb 2026
