

MANTON QUARRY RESTORATION

Environmental Permit Application

**Operating Techniques and Environmental
Management System**

Prepared for: **Brianplant (Humberside) Limited**

EA Reference: EPR/GB3535RQ/V002

SLR Ref: 416.01994.00002
Version No: 1
March 2022



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1.0 INTRODUCTION

1.1 Report Context

SLR Consulting Limited (SLR) has been retained by Brianplant (Humberside) Limited (Brianplant) to prepare an Environmental Permit (EP) application. The application seeks approval for the use of suitable waste in the restoration of Manton Quarry (the Site), located near Manton, North Lincolnshire DN21 4JT as a waste recovery operation under the Environmental Permitting (EP) (England and Wales) Regulations 2016.

This Operating Techniques (OT) and Environmental Management System (EMS) document sets out best practice for operating the site, based on legislation and best available techniques in the industry.

The OT and EMS will be reviewed and updated on an annual basis or because of any of the following activities (list not exhaustive):

- The issue of an EP variation by the Environment Agency (EA);
- Finalisation of site construction;
- A material change to the operational process;
- A substantiated complaint; or
- Any changes in legislation or guidance documents applicable to the operations undertaken at Manton Quarry.

This OT and EMS document is supplemented by the following documents submitted in the 2022 EP application:

- Non-Technical Summary;
- Approved Waste Recovery Plan;
- Environmental Setting and Site Design Report;
- Environmental Risk Assessment;
- Emissions (Dust) Management Plan; and
- Associated Drawings including: Site Location Plan, EP Boundary, Cross Sections, Environmental Site Setting and Restoration Concept.

1.2 Site Location

Manton Quarry is located in North Lincolnshire, approximately 510m southeast of the village of Manton, within a predominately rural area. Kirton Lindsey is located approximately 3.5km south of the site and Scunthorpe is approximately 9km to the northwest. The site can be accessed via Manton Lane which is located approximately 130m north of the site's boundary. The National Grid Reference (NGR) for the site is SE 93976 02420.

The entire site is designated as a geological SSSI called Manton Stone Quarry SSSI. It is considered to be a key exposure of the more northerly development of the Lincolnshire Limestone. Four other SSSIs are located within close proximity. These include Cleatham Quarry which lies approximately 640m south, Cliff Farm Pit which is situated approximately 1170m south, Manton & Twigmoor which is located approximately 1290m north, and Messingham Sand Quarry which lies approximately 2490m northwest.

Most of the land surrounding the site is occupied by open/agricultural ground with a few quarries located within the surrounding area including Kirton Quarry and Landfill to the southeast, approximately 50m from the eastern site boundary.

The site's location is illustrated on Drawing 0726-1-8, and the EP Boundary on Drawing 001.

The surrounding land uses and local receptors within 500m and the ecological, cultural and natural heritage receptors within 1km are identified on Drawing 003.

A summary of the site’s immediate surrounding land uses is identified in Table 1-1 below.

**Table 1-1
 Surrounding Land Uses**

Boundary	Description
North	Manton Stone Quarry SSSI is located immediately to the north, followed by Manton Lane. Beyond this lies open/agricultural land.
East	Immediately to the east lies Manton Quarry SSSI, the B1398, and Kirton Quarry and Landfill. Newlands Farm and open/agricultural land are also located in this direction.
South	Open/agricultural land and Cleatham Quarry SSSI are located to the south of the site.
West	Manton Stone Quarry SSSI lies immediately to the west, followed by open/agricultural land. Beyond this lies Manton Village which is home to a number of residential properties.

1.3 Report Structure

This report describes the operating techniques that will be implemented at the site to ensure compliance with the conditions of the EP. The report is divided into the following sections.

- **Section 1** Introduction
- **Section 2** General management and appropriate measures
- **Section 3** Accident prevention and management plan
- **Section 4** Operations
- **Section 5** Waste pre-acceptance, acceptance and tracking
- **Section 6** Emissions control
- **Section 7** Information

1.4 Document Revision

Any changes are labelled in chronological order and the date of the change is recorded. All records of the changes are listed in the revision history table below:

Version	Reason for Revision	Date of Revision	Signature of Site Manager

2.0 GENERAL MANAGEMENT APPROPRIATE MEASURES

2.1 Management System

This bespoke OT and EMS will be implemented on site by Brianplant which ensures that;

- The risks that the activities pose to the environment are identified;
- The measures that are required to minimise the risks are identified;
- The activities are managed in accordance with the management system;
- Performance against the management system is audited at regular intervals; and
- The EP is complied with.

2.2 Management Structure and Responsibilities

The Site Manager is responsible for day to day operations, compliance with the OT and EMS and the EP. The EP is included as Appendix 01 to this OT and EMS.

Whenever the site is open to receive waste, or carry out any of the waste management operations, it will be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the permit relating to:

- Waste acceptance and control procedures;
- Operational controls;
- Maintenance;
- Record-keeping;
- Emergency action plans; and
- Notifications to the EA.

2.3 Technical Competence and Training

The site is managed by sufficient staff, competent to operate the site.

A fully trained member of staff is on site at all times during waste acceptance hours, in order to provide supervision for waste acceptance. This staff member is fully conversant with the waste acceptance procedure, EP and contents of this OT and EMS.

An assessment of general staff training needs is carried out to identify the posts for which specific environmental awareness training is needed, and to determine the scope and level of such training. The assessment of training needs is reviewed on an annual basis with records retained.

Brianplant's OT and EMS and training procedures ensure the following:

- All staff have clearly defined roles and responsibilities;
- Records are maintained of the skills required for each post;
- Records are maintained of the training and relevant qualifications undertaken by staff to meet the requirement of each post; and
- Operations are governed by standard operating instructions.

Operations at the site will be under the overall control of a technically competent person who holds the relevant

Certificate of Technical Competence (COTC) under the Waste Management Industry Training and Advisory Board (WAMITAB) scheme. The WAMITAB certificates held by the technically competent persons at the site are included as Appendix 02.

- All staff are aware of the following:
 - Regulatory implications of the EP for the site and their specific work activity;
 - All potential environmental effects from operations under normal and abnormal circumstances;
 - Incident management;
 - The need to report deviations from the EP; and
 - Prevention of accidental emissions and the action to be taken should accidental emissions occur.
- Weighbridge operatives receive thorough training on waste identification, acceptance procedures and classification. This training is conducted at the start of employment, in response to any non-conformances, incidents or significant changes in operations, and annually; and
- All members of the management team including those responsible for overseeing site activities receive thorough training with regards to the conditions of the EP and their resultant duties. Management also become conversant with and annually refresh their knowledge of this OT and EMS.

Hard copies of this OT and EMS are available in the site office for all staff members to view as needed.

2.4 Site Security

In order to prevent unauthorised access, a number of site security measures will be in place, including;

- Fencing along the site boundary;
- A gate located at the entrance to the site, will be locked when the site is closed;
- The site benefits from security lighting around the site; and
- All visitors to site will be required to sign in and out of the visitors book.

The site will be inspected at the commencement of each working day. Any defects or damage which compromises the integrity of the enclosures will be made secure by temporary repair within 24 hours. Permanent repairs will be affected as soon as practicable after this.

All inspections, any defects, damage or repairs will be recorded in the Site Diary.

2.5 Display of Environmental Permit

A copy of the EP will be kept available for reference by all staff and contractors whose work may have an impact on the environment.

2.6 Permit Surrender

The site only includes the area which will be subject to the permanent deposit of waste, therefore a Site Condition Report (SCR) is not required for submission with the original EP application.

However, to assist in permit surrender, records will be maintained to demonstrate how the land beneath the site has always been protected between the date of EP issue and the end of operations.

Records to be maintained will include:

- Maintenance of surfacing;
- Maintenance of drainage system; and
- Actions taken to clean up incidents and spillages.

2.7 Managing Documentation and Records

Controls will be in place to ensure that all documents are issued, revised and maintained in a consistent fashion.

Documents included in the scope of controls are as follows:

- Policies;
- Responsibilities;
- Targets;
- Maintenance records;
- Procedures;
- Monitoring records;
- Results of audits;
- Results of reviews;
- Complaints and incident records; and
- Training records.

Records of all imported material will be made and kept up to date to reflect deliveries. All records relating to waste acceptance will be maintained and kept readily available electronically through Brianplant's system known as ISIS. Drivers carry digital tablets which receive sales orders generated by the office in Grimsby in an electronic format. All transactions are kept in a digital format indefinitely.

2.8 Reporting Non-Compliance and Taking Corrective Action

Procedures will ensure appropriate corrective action is taken in response to problems identified at the site. The procedures will ensure that non-conformances are reported, investigated and rectified, and that failures and weaknesses are prevented. The following aspects will be considered:

- Actual or potential non-compliance;
- System failure discovered at internal audit;
- Suppliers or subcontractors breaking the agreed operating rules;
- Incidents, accidents, and emergencies;
- Other operational system failure; and
- Complaints.

The action taken in response to the non-conformance may include:

- Obtaining additional information on the nature and extent of the non-conformance;
- Discussing and testing alternative solutions;
- Modifying procedures and responsibilities;
- Seeking approval for additional resources and training; and

- Contacting suppliers and contractors (as applicable).

2.9 Auditing and Legal Compliance

There will be a formalised internal auditing procedure to ensure the facility is audited at defined intervals and that the progress of corrective and preventative action is monitored.

2.10 Monitoring, Measuring and Reviewing Environmental Performance

A formalised management structure will review environmental performance, and ensure any necessary actions are taken.

2.11 Operational Control, Preventative Maintenance and Calibration

The management system will complement operational procedures so as to ensure effective control of site operations, the use of approved suppliers and contract services, the maintenance of operational equipment and calibration of monitoring equipment.

All plant and equipment will be subject to a programme of planned preventative maintenance which will follow the inspection and maintenance schedule recommended by the manufacturer.

2.12 Design and Construction Quality Assurance

All relevant elements of the site which are not already constructed will be designed in accordance with recognised standards, methodologies and practices.

The design process will use a risk-based approach and will be appropriately documented using drawings, specifications and method statements to provide an adequate audit trail.

Construction Quality Assurance (CQA) plans will govern all construction activities necessary in the future. These CQA plans will be prepared by competent and suitably qualified persons.

A competent and suitably qualified person will supervise the construction activities and prepare a validation report confirming that the key construction activities have been carried out in accordance with the CQA plan.

3.0 Accident Prevention and Management Plan

Brianplant recognises the importance of the prevention of accidents that may have environmental consequences and that it is crucial to limit those consequences.

An accident management plan will be implemented and maintained at the site to ensure that the site and staff are fully prepared for any such incidents. The accident management plan will be reviewed at least every four years or as soon as practicable after an incident, with changes made accordingly to minimise the risk of occurrence.

The following accident management plan describes the techniques that will be implemented to minimise the risks posed to the environment. Activities affecting the health and safety (H&S) of operatives, contractors and visitors will be separately managed in compliance with H&S regulation and company H&S Policy.

3.1.1 Hazard Identification

The following potential hazards have been identified in the Environmental Risk Assessment (ERA) that was prepared using the ERA methodology and has been submitted in support of this EP application.

- Unauthorised waste;
- Fire;
- Loss of containment - spillage and leakage;
- Security and vandalism; and
- Flooding.

The following sections summarise the measures necessary to minimise the potential causes and consequences of accidents, as detailed in the ERA.

Unauthorised Waste

The acceptance of unauthorised materials could result in unacceptable wastes being deposited at the site. The site-specific Waste Acceptance Procedure (WAP) included as Appendix 03 and criteria will be implemented on site with strict enforcement, to ensure no unauthorised waste is accepted. These procedures will include; pre-acceptance checks, an approved suppliers list, basic characterisation and visual checks against the declaration on the waste transfer note. In the event that unauthorised waste is delivered to the site, the waste will be segregated and stored in a designated quarantine/isolation area prior to export from site.

Fire

The waste types authorised to be accepted on site are 'inert' in nature and therefore will not readily burn.

To prevent and minimise the potential impact of fire, the following action will be taken:

- Flammable wastes and incompatible materials will not be accepted at the site;
- The plant inspection schedule will include checks of electrical equipment within the site to ensure that any faults are identified and repaired. Any faults which are identified during these checks will be reported and repaired;
- Fire extinguishers will be provided at designated locations;
- Smoking will not be permitted in the operational areas of the site;
- Working practices will ensure the assessment of fire hazards and training of employees in fire prevention e.g. the use of fire extinguishers and emergency procedures; and

- No wastes will be burned on site and any fire at the site will be treated as an emergency.

In the event of a major fire, the following action will be taken:

- The Site Manager and Fire Rescue Service will be notified immediately and the EA as soon as practicable;
- The burning area will be isolated, and attempts will be made to extinguish the fire utilising the on-site fire extinguishers if safe to do so;
- Prevent, if possible, contaminated site drainage from entering unsurfaced ground; and
- The site will be evacuated.

Loss of Containment

There are no fuel tanks or liquid storage within the EP boundary.

Loss of containment could lead to spillage and leakage of potentially contaminating liquids. To prevent loss of containment and minimise the risk and impact of releases the following measures will be implemented:

- No fuel or oil tanks will be stored within the proposed EP boundary;
- All vehicles and mobile plant will be subject to a programme of planned preventative maintenance in accordance with the manufacturer's recommendations to prevent oil/fuel leaks from vehicles;
- Spill kits will be kept on site; and
- Site staff will undertake daily visual inspections to identify any evidence of spillage or leakages. The results of any inspections or investigations will be recorded.

In the event of any potentially polluting leak or spillage occurring on site, the following action will be taken:

- Minor spillages will be cleaned up immediately, using sand or proprietary absorbent. The resultant materials will be placed into containers and will then be removed from site and disposed of at a suitably permitted facility. The incident will be logged in the site diary.
- Any dry wastes spilled on site will be collected and transported to the appropriate area of the site.
- In the event of a major spillage, which is causing or is likely to cause polluting emissions to the environment, immediate action will be taken to contain the spillage and prevent liquid from flowing outside the EP boundary. The spillage will be cleared immediately and placed in containers for offsite disposal, and the EA will be informed.

3.1.2 Security and Vandalism

The following security measures are in place:

- Site perimeter: the site benefits from fencing around the wider perimeter controlled by Brianplant;
- Lockable gates: the site benefits from gates at the site entrance which will be locked outside of operational hours;
- Security lighting: the site benefits from security lighting around the site;
- Inspection: gates and fencing extending around the site will be inspected daily by the operations staff to identify deterioration and damage, and the need for any repairs;
- Maintenance and repair: fencing and gates will be maintained and repaired to ensure their continued integrity. In the event that damage is sustained repairs will be made within 24 hours. If this is not possible, suitable measures will be taken to prevent any unauthorised access to the site and permanent repairs will be affected as soon as practicable;

- Authorised access system: all visitors to the site will be required to register in the visitor's book and sign out again on exit to minimise the risk of unauthorised visitors being present on Site; and
- Monitoring techniques: operational procedures, including regular inspections will ensure continual monitoring of security provision at the site.

In the event of a breach of security at the site, the cause will be investigated, and appropriate mitigation measures implemented. This will be recorded in the Site Diary. Records maintained will include inspections and maintenance of security fencing and the gate, breaches of security, investigations and actions taken.

3.1.3 Flooding

There are no surface water features within the site boundary.

According to the EA flood map for planning service¹, the site lies within a Flood Zone 1 and therefore has a low probability of flooding.

An evacuation plan will be implemented in the unlikely event of a flood.

In the event that an accident occurs, or additional risks are identified, the Site Manager is responsible for carrying out an investigation to determine the cause and implementing remedial action prior to logging this in the Site Diary.

3.2 Contingency Plans and Procedures

The site will implement a contingency plan to ensure that the following are achieved:

- Compliance with all permit conditions and operating procedures during maintenance or shutdown at the site;
- No exceedance of limits in the permit and that appropriate measures for storing and handling waste are continued to be applied; and
- Cessation of waste acceptance unless there is a clearly defined method of recovery and enough permitted capacity on site.

3.3 Facility Decommissioning

The site will require a simple decommissioning consisting of the mechanical and electrical removal of all plant and equipment. There will be no subsurface tanks or pipework, drains or potential dusty insulation to remove.

The decommissioning plan will demonstrate that:

- The plant can be decommissioned without causing pollution; and
- The site will be returned to a satisfactory state.

¹ EA flood map for planning service – Available at: <https://flood-map-for-planning.service.gov.uk/>, accessed January 2022.

4.0 OPERATIONS

4.1 Process Description and Site Operations

Permitted activities at the site will consist of the receipt, handling, and deposit of suitable waste onto land for restoration purposes.

To achieve a restoration profile of between 66m and 68m AOD, with the entire area re-soiled with 2m of soil products, approximately 146,000m³ of material will be required.

This equates to approximately 321,200 tonnes at an assumed density of 2.2t/m³.

The site will therefore be subject to a 2m restoration layer across the entire area. This will be subdivided into:

- 1.7m of suitable waste material;
- 0.3m of waste topsoil created from recycled soils and stones.

Drawing 002 illustrates the cross sections across the site.

The restoration will be undertaken over five phases. The first phase shall commence at the southern corner of the site, with infilling in the southern and central areas. Subsequent phases will follow as the first phase is completed with phases 4 and 5 infilling the area where the weighbridge currently sits. Infilling will be carried out progressively, based upon the availability of suitable waste materials.

The proposed EP boundary is illustrated on Drawing 0726-1-8, with the Restoration Concept illustrated on Drawing 0726-1-13. A cross section of the restoration layer is shown on Drawing 002.

Access to the site will be gained from Manton Lane to the north of the site. All vehicles carrying waste will report to the site/weighbridge office.

The wastes will be weighed at the weighbridge. On arrival at the weighbridge, delivery vehicles will undergo the following checks and procedures;

- Visual inspection to ensure the load complies with the description provided on the waste transfer note;
- New drivers will be informed of landfill safety procedures;
- The relevant paperwork, including Duty of Care, will be inspected; and
- The registration of the carrier will be checked.

If at this stage the checks identify the wastes as being compliant, the driver of the vehicle will be directed to the active tip face to discharge their load. A secondary visual inspection will take place at this stage.

Random samples of waste will be collected by the site operatives for confirmatory testing.

4.2 Specified Waste Management Activities

4.2.1 Waste Recovery

The waste management operations to be carried out at the Site as specified in Annex I and Annex II of the Waste Framework Directive 2008, as part of the waste recovery operations are:

- R5: Recycling / reclamation of inorganic compounds – use of waste for the purpose of restoration of land.

4.3 Waste Types and Quantities

The proposed waste lists for the waste recovery operation at the site are shown in Tables 3-1 and 3-2 below.

**Table 3-1
 Proposed Waste List to be Accepted for General Fill**

EWC Code	Description
17	CONSTRUCTION AND DEMOLITION WASTE
17 05	Soil Stones and Dredging Soil
17 05 04	Soil and Stones
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	Waste from the mechanical treatment of waste
19 12 12 ²	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
20	MUNICIPAL WASTE (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS.
20 02	Garden and Park Wastes
20 02 02	Soil and stones

Table 2-2 Proposed Waste List to be Accepted for Topsoil

EWC Code	Description
17	CONSTRUCTION AND DEMOLITION WASTE
17 05	Soil Stones and Dredging Soil
17 05 04	Soil and Stones
20	MUNICIPAL WASTE (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS.
20 02	Garden and Park Wastes
20 02 02	Soil and stones

² This will exclude metal from reinforced concrete and fines from treating any non-hazardous waste or gypsum from recovered plasterboard and no hazardous waste or dangerous substances will be included in accordance with EA Guidance *Check if your waste is suitable for deposit for recovery*, 21 April 2021.

4.4 Site Infrastructure and Equipment

4.4.1 Site Identification Board

A site identification board which is easily readable from outside the entrance during hours of daylight is located at the entrance to the wider site.

The identification board will be inspected at least once per week. In the event of damage or defect that significantly affects the legibility of the board it will be repaired or replaced within a timescale agreed upon with the EA.

The board will display the following information:

- Site name and address;
- Permit holder;
- Permit number;
- Emergency contact name and telephone number;
- EA national telephone numbers; and
- Days and hours site is open to receive waste.

4.4.2 Plant and Equipment

The following items of plant and equipment will be held on site from time to time. This is not a fixed list of plant:

- 1 x front end loader

Additional plant and equipment including, but not limited to, water bowser, spray equipment and road sweeper are made available as required.

All items of plant and equipment used on site are maintained in accordance with manufacturer's recommendations.

4.4.3 Plant Maintenance

All maintenance audits and monitoring will be carried out in accordance with the Manufacturer's specifications, which are kept in the site office or available online.

Brianplant will take a proactive approach involving a planned preventative maintenance program for the site. A Maintenance Checklist will allow all site operatives to actively take part in the site's maintenance schedule.

The checklist is completed and maintained by the Site Manager, with the following information compiled:

- The item that requires maintenance;
- How often maintenance needs to be carried out (daily, weekly, monthly or yearly);
- A record of any particular maintenance instructions; and
- Who on site is responsible for each maintenance check.

The checklist ensures that all site operatives are aware of their particular responsibilities for maintenance checking. The Site Manager ensures that all site operatives are aware of any amendments and additions to the checklist.

When a maintenance issue is dealt with, a maintenance record form is completed for each separate piece of equipment or infrastructure. The record form will include the following information to be recorded:

- The item requiring maintenance;
- The frequency of the required maintenance;
- Completed date and who carried out by; and
- Any particular comments.

The record forms will be kept in the site office to ensure there is access for all site operatives to the records.

In the event that plant replacement is required, Brianplant will choose new plant with the lowest emission standard available at the time of purchase.

The following control measures will be in place to reduce emissions as much as possible during operations:

- Use of low sulphur fuel;
- Mobile plant to be switched off when not in use to avoid idling; and
- Planned, preventative maintenance schedule to be rigidly followed to avoid the operation of poor performing or inefficient plant.

5.0 WASTE PRE-ACCEPTANCE, ACCEPTANCE AND TRACKING

The Waste Acceptance Procedure (WAP) is included in Appendix 03 and is summarised below.

5.1 Waste Pre-Acceptance

The waste pre-acceptance procedures follow a risk-based approach considering:

- The source and nature of the waste;
- Potential risks to process safety, occupational safety and the environment (for example from odour and other emissions); and
- Knowledge about the previous waste holder(s).

The objective of the waste pre-acceptance procedure is to evaluate customer information at the enquiry stage to determine whether the waste could be accepted at the site.

The waste producer/holder will be required to send the necessary waste characterisation information Brianplant in advance of delivery of waste materials to the site.

This information enables Brianplant to determine whether the waste stream can be accepted at the site.

No waste will be accepted at the site unless the necessary characterisation information has been received in advance and approved for receipt.

Both new and existing customers will be required to provide characterisation information for each new waste stream.

The waste producer/holder must provide the following waste characterisation information for each new waste stream proposed for recovery at Manton Quarry. The description must include the following:

- Waste source and origin;
- The process producing the waste (including a description of the process, its SIC code and characteristics of the waste types used to comprise the batch of material);
- The waste treatment applied;
- The appearance of the waste (including smell, colour, consistency and physical form); and
- Analysis and determination of waste code in accordance with WM3.

An assessment of the reliability of the information received by Brianplant including:

- Ensuring all waste analysis certificates are complete, and analysis has been carried out for all relevant parameters;
- Analysis has been carried out by well-known and reputable laboratories which hold suitable quality accreditation and have used relevant test methods;
- Ensuring that the analytical information is provided in secure PDF format;
- Undertaking a visit to the waste producer's site; and
- Ensuring that data is current and relates to the waste proposed for delivery to the site.

If necessary, the customer will be asked to provide additional supporting information before a decision can be made on whether the waste could be accepted at the site. This may include, but not be limited to:

- Test results against waste acceptance criteria for landfill; and

- Confirmation of class of landfill the waste could be accepted at.

The waste pre-acceptance procedures and criteria are described in the WAP included as Appendix 03.

5.2 Waste Acceptance

The WAP is included as Appendix 03 of this EP application and summarised below.

5.2.1 Hours of Operation

The proposed operating hours of the Site are between 7:00 and 18:00 Monday to Friday and 7:00 and 13:00 on Saturdays, with no operations taking place on a Sunday or Bank Holiday.

5.2.2 Load Inspection and Waste Control

All vehicles bringing waste material to the site will report to the weighbridge where the load will be visually inspected, where possible, to confirm its description and composition against the relevant accompanying documentation. All wastes will undergo a further visual inspection during deposition.

Waste will only be accepted at the site if the description in the accompanying documentation is in accordance with the EP and that onsite inspection confirms the waste is consistent with the description provided.

Should the wastes be found not to conform during the initial visual inspection, then the details will be recorded, and the vehicle turned away. If wastes have already been discharged and are deemed not to conform or otherwise not be permitted, then the waste will be:

- Reloaded on to the delivery vehicle; or
- Removed to a designated quarantine area as appropriate.

Records of non-compliant waste received at the Site will include details on:

- The quantity;
- Characteristics;
- Origin;
- Delivery date and time; and
- The identity of the producer and carrier.

Waste will not be accepted unless the site is adequately resourced to receive the waste.

A record will be kept in the Site Diary of all rejected wastes. In the event of non-conformance, the waste producer and the EA will be notified.

5.2.3 Quarantine Procedure

The quarantine and rejection procedures will ensure that all non-confirming waste is removed from the site and that the waste producer and carrier are informed so that appropriate action can be taken to prevent recurrence.

Non-conforming waste will be identified by either the Site Control Clerk at the Site Control Office, or by Site Operatives at the operational area. Non-conforming waste will be identified by visual and olfactory means.

If unauthorised waste is identified, it will be moved to a temporary quarantine area before being exported from the site.

The Site's Quarantine and Rejection Procedures are described in the WAP included as Appendix 03.

5.2.4 Means of Measurement (Tracking)

The quantity of waste accepted and despatched from the facility will be measured via the weighbridge.

A register of the quantities and characteristics of waste accepted at the site will be maintained on a computerised database. The database will include the following details:

- Date of delivery;
- Waste quantity;
- Waste description and classification code; and
- Waste producer and/or carrier.

A record will also be maintained of all waste that is removed from the facility.

6.0 EMISSIONS CONTROL

6.1 Point Source Emissions to Air

The site will be operated so that there are no point source emissions to air.

6.2 Fugitive Emissions to Air

6.2.1 Dust

The site will be managed in accordance with the Emissions (Dust) Management Plan (DMP) which is included as Section 8 of this EP application.

To summarise, in order to minimise the emissions of dust from the facility, the following measures will be implemented:

- Speed limits (5 – 10 mph) will be implemented for vehicles using the site;
- Site access and haul roads and operational areas will be maintained and repaired to minimise emissions of dust due to uneven and poor surfacing;
- All roads and operational areas will be swept where necessary to reduce dust emissions with a road sweeper used on haul roads as required;
- Suitable fill will be transported to the site by enclosed or sheeted HGV's;
- Discharge heights from any loading operation will be kept as low as possible;
- Dusty wastes will be damped down prior to unloading to minimise dust generation;
- Dusty wastes will be deposited from the front end loader as slowly as practicable to reduce dust generation;
- No deposit of dusty waste shall occur during particularly high winds or if dust suppression water is unavailable;
- Daily, visual inspection at all areas of the site and site boundary will be carried out by site personnel;
- In the event that significant visual dust is observed at the boundaries of the operational areas, action will be taken to suppress the dust; and
- A record of the inspection findings and remedial action taken will be made in the Site Diary.

The Site Manager will be responsible for implementing the DMP.

6.3 Point Source Emissions to Water (Including Sewer)

There will be no point source emissions to surface water or groundwater. There will be no direct discharges to sewer from operations at the site.

6.4 Fugitive Emissions to Land and Water

6.4.1 Engineered Containment

The site will be operated to prevent fugitive emissions to surface water and groundwater.

Site surfacing will be maintained as required to ensure surfacing is fit for purpose. The surface will be maintained such that the working surface will;

- Remain even;
- Not be subject to settlement of differential settlement;
- Not be subject to rutting by vehicles even when wet;
- Have sufficient durability to allow cleaning, for example, by scraping; and
- Remain free of standing water.

All operational areas and quarantine areas will be inspected to ensure the integrity and fitness for purpose of their construction is maintained at all times.

6.4.2 Containment Bunding

No fuel or oil tanks will be stored within the proposed EP boundary.

6.4.3 Litter

The proposed waste types to be accepted on site will not generate litter. Site waste acceptance procedures will be followed to ensure that no unauthorised waste is accepted on site.

The Site Manager will be responsible for implementing risk management measures in accordance with appropriate procedures.

6.4.4 Mud and Debris

Access to the site is not located within the boundary of this facility. The access road for the site is off Manton Lane to the north. Within the site the following measures will be taken in order to prevent the deposition of tracking of mud and debris from the site onto public areas or highways:

- An adequate area of hard surfaced road between site activities and the site entrance/exit will be maintained to reduce the amount of mud and dirt the vehicles leaving site can pick up;
- The site will benefit from good house keeping and site roads will be maintained free of significant quantities of mud and debris. All areas of the site will be cleaned daily, to minimise transfer of mud from site;
- All operational areas will be subject to monitoring by staff throughout the working day to identify accumulations of mud requiring remedial action;
- Where necessary road cleaning equipment will be deployed;
- All vehicles leaving operational areas will be checked to ensure that they are clear of loose waste; and
- Before leaving the site, vehicles will be cleaned as necessary using the wheel wash at the entrance to the wider site and checked to ensure their load is secure.

In the event that mud, debris or waste arising from the site is deposited onto public areas outside the site, the following remedial measures will be implemented:

- The affected public areas outside the site will be cleaned;
- Traffic will be isolated from sources of mud and debris within the site to prevent further tracking and measures will be taken to clear any such sources as soon as practicable; and
- If required, provision will be made for road sweepers on the site access roads to stop any mud being carried onto public roads, and bowsers made available to damp down areas during dry periods to ensure that dust is not a problem.

The Site Manager will be responsible for implementing risk measures.

6.5 Odour

Due to the nature of the waste accepted on site, odour will not pose a significant risk. No specific management measures are considered necessary.

Strict waste acceptance procedures on site will be enforced to ensure that no unauthorised waste will be accepted on site to minimise the chance of odorous waste being on site.

6.6 Noise

The site will be operated so as to minimise noise emissions from the site. Measures that will be taken at the site include:

- Any site operations including vehicles and site machinery will be restricted to only operate during daylight hours;
- On-site plant will be turned off when not in use;
- Plant will be fitted with noise silencers if necessary;
- All site plant will be operated and maintained in accordance with manufacturers specification, to reduce any unnecessary noise pollution;
- Speed limits (5 – 10 mph) will be implemented for vehicles on site and traffic calming measures introduced to help enforce these speed limits;
- Site access and operational areas will be maintained and repaired to an appropriate standard, to reduce any unnecessary noise emissions due to uneven/poor surfacing;
- Drop heights for waste deposition will be minimised to minimise noise emissions; and
- All visitors and haulage companies will be made aware of the noise procedures.

Auditory inspections will be carried out daily by site operatives and in response to complaints. If noise levels are deemed a nuisance, then a full investigation of mitigation measures will be carried out.

If a complaint is received, it will be logged in the site diary. The Site Manager will be responsible for investigating the complaint and taking action to identify the source of the noise and implement remedial measures where appropriate.

6.7 Pests

Due to the 'inert' nature of the wastes proposed to be accepted at the site, pests will not pose a risk at the facility. No biodegradable or putrescible waste will be accepted on site and strict WAP will ensure that no unauthorised wastes are accepted.

7.0 INFORMATION

All relevant notifications and submissions to the EA regarding the site will be made in writing and quote the EP reference number and the name of the EP holder.

Records will be maintained for at least six years, however in the case of off-site environmental effects, and matters which affect the condition of land and groundwater, the records are to be kept until permit surrender. Duty of Care records will be kept for a minimum of two years.

7.1 Reporting and Notifications

7.1.1 Changes in Technically Competent Persons

The EA will be informed in writing of any changes in the technically competent management of the site and the name of any incoming person, together with evidence that such person has the required technical competence.

7.1.2 Waste Types and Quantities

A summary report of waste types and quantities accepted at the site for each quarter, will be submitted to the EA within one month of the end of the quarter unless otherwise required by the permit conditions.

7.1.3 Relevant Convictions

The EA will be notified of the following events:

- Brianplant being convicted of any relevant offence; and
- Any appeal against a conviction for a relevant offence and the results of such an appeal.

7.1.4 Notification of Change of Operator's or Holder's Details

The EA will be notified of the following:

- Any change in the operator's trading name, registered name or registered office address; and
- Any steps taken with a view to the company going into administration, entering into a company voluntary arrangement or being wound up.

7.1.5 Adverse Effects

The EA must be notified without delay following the detection of the following:

- Any malfunction, breakdown or failure of equipment or techniques;
- Any accident;
- Fugitive emissions which have caused, is causing or may cause significant pollution; and
- Any significant adverse environmental and health effect.

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