

MELTON ROSS WESTERN QUARRY AREA RESTORATION

Environmental Permit Variation Application

Operating Techniques

Prepared for: Singleton Birch Limited

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SLR 

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DOCUMENT REVISION HISTORY

Version	Date of Revision	Reason for Revision
1.0	February 2021	Original

1.0 Introduction

SLR Consulting Limited (SLR) has been instructed by Singleton Birch Limited (SBL) to prepare an application for an environmental permit application for the restoration of the Western Quarry Area of the Melton Ross Quarry Complex, hereafter referred to as 'the Site'.

The environmental permit application seeks the use of inert waste in the restoration of the land to agricultural and nature conservation uses at the Site.

This Operating Techniques (OT) document sets out best practice for operating the Site, based on legislation and best available techniques in the industry. This OT document will be reviewed and updated on an annual basis or because of activities, including, but not limited to:

- Issue of an environmental permit (EP) by the Environment Agency (EA);
- Finalisation of site construction;
- A material change to the operational process;
- A substantiated complaint; or
- Changes in legislation or guidance documents applicable to the Western Quarry's restoration operation.

This OT document is supplemented by the following documents submitted in the EP application (2020):

- Non-Technical Summary, ref: 416.00075.00104_NTS;
- Amenity and Accidents Risk Assessment, ref: 416.00075.00104_ERA;
- Environmental Setting and Site Design, ref: 416.00075.00104_ESSD;
- Hydrogeological Risk Assessment, ref: 416.00075.00104_HRA;
- Stability Risk Assessment, ref: 416.00075.00104_SRA;
- Waste Acceptance Procedure, ref: 416.00075.00104_WAP; and
- Drawings.

1.1 Report Structure

The report is divided into the following sections:

- Introduction;
- Management;
- Operations;
- Emissions and Monitoring;
- Information; and
- Closure.

1.2 Key Technical Standards

Key technical standards laid out in the following documents will govern the operation of the Site:

- The Environmental Permitting (England and Wales) Regulations 2016 (as amended);
- Environment Agency - Develop a Management System: Environmental Permits (December 2019);

- Environment Agency - Control and Monitor Emissions for your Environmental Permit (February 2020);
- Environment Agency – Waste Recovery Plans and Permits (October 2016);
- Environment Agency - Waste Recovery on Land (October 2016);
- Environment Agency – Waste Acceptance Procedures for Waste Recovery on Land (October 2016); and
- Environment Agency – Waste Recovery Engineering: Create a Construction Quality Assurance Plan (October 2016).

1.3 The Site

The Melton Ross Quarry Complex is located within a predominantly agricultural landscape, approximately 17km to the east of Scunthorpe, within North Lincolnshire. It is located west of the village of Croxton, and north of the village of Melton Ross. Access to the complex is gained from the B1211 to the southeast.

The complex is bisected by the A180(T), which runs east – west between parts of the complex. The original quarry workings lie to the south of the A180(T) and a more recent quarry extension is being developed to the north of this road. The Western Quarry comprises the western part of the original quarry area to the south of the A180(T), centred on national grid reference TA 07288 11446. The Camp Wood landfill lies in the eastern part of the original quarry area to the south of the A180(T).

The location of the Site is illustrated on Drawing EP1 Site Location Plan, and its extent is visible on Drawing EP2 Environmental Permit Boundary.

1.4 Restoration Activities

Following extraction of chalk from the Site, it will be progressively restored with inert materials, in a phased approach from north to south.

The restoration proposals, illustrated in Drawing RS2, aim to mimic the character and after uses that would be provided by the adjacent Camp Wood Landfill to produce an attractive landform including agricultural and nature conservation after uses.

The restoration comprises mainly agricultural use, covering a gently rolling landform, divided by hedgerows, to form a sympathetic field pattern. In addition, small blocks of woodland planting will be introduced to further enhance landscape and visual amenity as well as enhancing biodiversity; the woodland blocks will be connected by hedgerow planting. Allied to this, an area of around 3.5 hectares (Ha) located on the northern edge of the Site will be restored to calcareous grassland to compensate for similar grassland lost in other parts of the quarry complex. Similarly, a 6m margin will be maintained along the western edge of the Site to compliment the local wildlife site that has been designated along the roadside verge, providing further biodiversity value.

The final proposed restoration landform in the Site will be to a gently sloping, dished landform of similar gradients and elevations of the permitted restoration scheme for the adjacent Camp Wood landfill, typically between 1:8 and 1:20. This ensures drainage of water to soakaways located on the quarry complex's floor and access by agricultural and forestry machinery. The proposed restoration contours are shown on Drawing RS2. The restoration will be provided with a 0.5m depth of top soil / soil forming materials as a growing medium.

2.0 MANAGEMENT

This section describes the system of management that will be implemented at the Site to ensure that all appropriate pollution prevention and control techniques are delivered reliably and on an integrated basis.

Before the site is operational the operators will be trained in the safe operation of the plant and emergency procedures. Singleton Birch manages its operations to ISO 9001:2015 Quality Management System,

ISO14001:2015 Environmental Management Systems and ISO45001:2018 Occupational Health and Safety Management System.

Singleton Birch operates a near miss / Incident investigation systems which analyses the root cause and implements improvements to its operating procedures.

2.1 Management System

The restoration of the Western Quarry will be managed under the SBL Environmental Management System (EMS) which is accredited to ISO 14001. The management system operated by SBL will ensure that:

- All risks to the environment posed by the activities are identified;
- The measures required to minimise the risks are identified;
- Activities are managed in accordance with the procedures outlined in this system;
- Performance against the management system is audited at regular intervals; and
- The EP is complied with.

The management system will be reviewed at least once every four years or in response to significant changes to the activities, accidents or non-compliance. The management system will be supplemented by this OT document which outlines the operating techniques at the Site and demonstrates conformance with the requirements of EA guidance.

A summary of the relevant EMS procedures is included as Appendix C to the EP application forms. Further details where relevant, are provided below. The management system will be subject to continual review in response to significant changes to the activities, accidents or non-compliance. A copy of the management system will be available for inspection on Site.

The management system procedures and guidance notes applicable to the Site are specified below.

Performance against the management system and the EP will be audited regularly.

2.2 Management Structure and Responsibilities

The Site Manager will have overall responsibility for the establishment of environmental policy, objectives and allocation of resources for the operation of the Site.

The Site Manager will be responsible for day to day operations and compliance with the EP and for ensuring that Site Personnel are trained and familiar with procedures and requirements.

Whenever the Site is open to receive wastes or carry out 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 regarding:

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

Management review meetings will normally be held on a monthly basis under the chairmanship of the Managing Director, or his/her designate, and shall involve the Senior Management Team, subject to availability. A management review agenda will be prepared in advance of the meeting.

2.3 Technical Competence and Training

The Site will be supervised by designated technically competent managers who hold the appropriate certificate of technical competence issued by the Waste Management Industry Training and Advisory Board (WAMITAB).

The Site Manager will be responsible for ensuring that training levels for operational staff are adequate, relevant and up to date. An assessment of staff training needs will be 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 will be reviewed on an annual basis.

The training programme will ensure that relevant staff are aware of the following:

- Health and Safety;
- Waste handling, minimisation, recovery and/or disposal;
- Control of fugitive emissions;
- Regulatory implications of the permit for the site and their specific work activity;
- All potential environmental effects from operations under normal and abnormal circumstances;
- The need to report deviations from the permit; and
- Prevention of accidental emissions and the action to be taken should accidental emissions occur.

Training records will be maintained by the Site Manager and held in the designated Site office.

2.4 Site Security

The Site benefits from fencing and hedgerows around the perimeter to exclude unauthorised visitors, along with security gates, which are locked outside of operational hours. The gates, fencing and hedging around the site will be inspected regularly by the operations staff to identify deterioration and damage, and the need for any repairs. Fencing and gates will be maintained and repaired to ensure their continued integrity, whilst hedges will be replanted as necessary. In the event that damage is sustained repairs will be carried out within seven days of the damage being noted. Furthermore, all visitors to the site will be required to sign the visitor's book on arrival and exit.

2.5 Permit Surrender

Activities at the Site involve the permanent deposit of waste to land. Following the cessation of permitted activities on the site, monitoring and aftercare of the Site will continue until such a time as the Site is in a satisfactory condition to enable the permit to be surrendered. When appropriate, an application will be made to the Environment Agency to surrender the Site's environmental permit.

2.6 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;
- Procedures;
- Monitoring records;
- Maintenance records;
- Results of audits;
- Results of reviews;
- Complaints and incident records; and
- Training records.

Records will be made and kept up to date on a daily basis to reflect deliveries and placement of waste. All records relating to waste acceptance will be maintained and kept readily available on site and kept for a minimum of 2 years.

2.7 Reporting Non-Compliance and Taking Corrective Action

All staff will report non-compliances to the Site Manager, whose responsibility it will be to ensure that these are rectified, and future incidents prevented. The following aspects will be considered:

- Actual or potential non-compliance;
- Suppliers or subcontractors breaking agreed operating rules;
- Incidents, accidents, and emergencies; and
- Other operational system failure.

The remedial actions taken in response to the non-compliance may include:

- Obtaining additional information on the nature and extent of the non-compliance;
- Discussing and testing alternative solutions;
- Modifying procedures and responsibilities;
- Seeking approval for additional resources and training;
- Contacting suppliers and contractors to seek alterations to the way they operate; and
- Informing the Environment Agency.

Singleton Birch maintains an Incident Reporting Form as part of its EMS (document reference Incident Report Form).

2.8 Auditing and Legal Compliance

An annual formal internal audit will be carried out by the Site Manager, or suitably qualified nominated personnel to check that all activities are being carried out in conformity with the requirements of the EP. Site audits will ensure that the progress of corrective and preventative action are regularly monitored and reviewed.

2.9 Monitoring, Measuring and Reviewing Environmental Performance

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

The Site Manager will review the environmental performance of the site on a regular basis to ensure policy commitments are met, that policy remains relevant, and to ensure that actions to improve environmental performance are identified. Records of environmental performance will be maintained within an appropriate filing system at the Site Manager's allocated office (or appropriate alternative), or on an electronic system.

2.10 Operational Control, Preventative Maintenance and Calibration

Compliance with operating procedures will ensure effective control of site operations. As part of the EMS, procedures will be established covering the following general topics:

- Management and training;
- Environmental protection and risk assessment;
- Equipment registers and calibration;
- Defects, non-conformance and complaints; and
- Operations control and equipment maintenance.

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.

2.11 Design and Construction Quality Assurance

All relevant elements of the recovery operation will be designed in accordance with recognised industry 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. These CQA plans will be prepared by competent and suitably qualified persons and will detail the assurance and validation process for relevant elements of the activity, which shall include:

- Material selection;
- Handling, storage and installation;
- Conformance and performance testing; and
- Inspection and validation.

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

Singleton Birch will require subcontractors to work within acceptable quality and environmental standards.

2.12 Hazard Identification

The following hazards are identified in the Environmental Risk Assessment that was submitted in support of this EP application (reference 416.00075.00101/AARA):

- Noise & Vibration;
- Odour;
- Fugitive Emissions;
- Leachate and Spillage;

- Fire;
- Flooding;
- Security and Vandalism; and
- Acceptance of Unauthorised Materials.

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

2.12.1 Noise & Vibration

To prevent unexpected noise levels, all mobile plant will be equipped with noise reducing technology such as silencers and site machinery will be operated to minimise noise and in accordance with the manufacturer's specifications.

Operations on Site and deliveries of material will take place during permitted working hours which are 24 hours a day, 7 days a week, 365 days a year.

Furthermore, a speed limit will be implemented on site to minimise noise and haul roads will be maintained regularly to avoid excessive noise from uneven surfacing.

The Site Manager will be responsible for monitoring and managing noise and vibrations on Site.

2.12.2 Odour

Strict waste acceptance procedures are in place on site to ensure that only permitted wastes are accepted on site. The site will not accept any biodegradable or highly odorous material.

2.12.3 Fugitive Emissions

There is limited potential for fugitive emissions from activities on Site due to the nature of the operations carried out. The Site Manager will be responsible for ensuring that only the waste types permitted by the EP will be accepted on the Site. No biodegradable waste will be accepted and therefore this will limit the source of gaseous emissions, litter or attraction of pests.

Furthermore, site activities shall be managed and operated in accordance with a management system that includes measures to prevent and reduce risk of dust and mud being produced and leaving the Site boundary.

2.12.4 Leachate

Due to the inert nature of the waste that is proposed to be accepted on site, there is a negligible risk of leachate being generated.

A leachate management and monitoring system is not proposed due to the fact that inert deposit for recovery sites do not generate leachate containing non-hazardous pollutants or hazardous compounds.

2.12.5 Surface Water

There are no surface water bodies within the Site boundary. There is a drainage ditch which runs westwards and parallel to the A180 which is located at a distance of c.20m to the west of the Site's northwest corner. There is another drainage ditch running north-eastwards and parallel to the A180 located to the immediate east of the Site's northeast corner.

There are minor surface water bodies at distances of c.50m and c.650m east in the worked area east of the Site. There is a minor pond of approximately 3,000 square metres in the restored area of disused workings to the east of the Site at a distance of c.130m.

There are several drainage ditches and minor waterbodies in the vicinity of Melton Ross, the closest of which are located at a distance of c.550 south of the Site. There are also minor surface water features located at distances of c.850 metres to the west and c.925 metres to the southeast of the Site respectively.

There are no surface water features considered as a main river by the UK government within the vicinity of the Site.

All of the surface water features identified are predominantly drainage features and are all shallow and considered highly unlikely to be in hydraulic continuity with groundwater, there are therefore not considered to be any surface water receptors within the vicinity of the Western Quarry.

The post-restoration surface water management plan for the Site routes run-off from both the Western Quarry and Camp Wood landfill sites to a soakaway pond to be located between the two sites and immediately down-gradient of the Western Quarry.

2.12.6 Spillages

The management system will identify and minimise risks, detail how machinery will be stored safely and maintained to prevent liquids from leaking. Spill kits will be distributed around the Site in the event of spillage of fuel from delivery vehicles. The Site Manager will be responsible for monitoring and managing spillages on Site.

2.12.7 Fire

To minimise the risk of fire on Site, the following measures will be implemented:

- no incompatible materials will 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
- 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 the 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, Fire Brigade and EA will be notified;
- the management of fire on Site will be determined by size/severity; site staff will only attempt to extinguish a fire if considered safe to do so; and
- the Site will be evacuated.

2.12.8 Flooding

The Environment Agency's (EA) Flood Map indicates the entire site to be located within Flood Zone 1, which represents an annual probability of less than 0.1% of a flood occurring in any one year.

2.12.9 Acceptance of Unauthorised Materials

Acceptance of unauthorised materials could result in unacceptable wastes being stored and treated at the Site. All wastes will be subject to inspection and checking 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.

Refer to the Site's Waste Acceptance Procedure (ref. 416.00075.00104_WAP, February 2020) for further information.

3.0 OPERATIONS

3.1 Specified Waste Management Activities

The activities that will be carried out at the Site as defined under Annex II of the Waste Framework Directive can be summarised as follows:

- **R3:** Recycling/reclamation of organic substances which are not used as solvents;
- **R5:** Recycling/reclamation of other inorganic materials; and
- **R13:** Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).

3.2 Waste Types and Storage

The Site will accept up to 750,000 tonnes per annum of inert material for deposit for recovery. Materials accepted on Site will be limited to those listed in Table 1.

Table 1 Acceptable Waste Types for Deposit of Waste for Recovery

EWC Code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those containing dangerous substances
01 04 09	waste sand and clays
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
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	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	Minerals (excluding residual fines)
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones

3.3 Proposed Development

Following extraction of chalk from the Site, it is proposed that the Site will be progressively restored with inert materials under a deposit for recovery (DfR) scheme. Restoration will be conducted in a phased approach from north to south.

The restoration proposals, illustrated in Drawing RS2, aim to mimic the character and after uses that would be provided by the adjacent Camp Wood Landfill to produce an attractive landform including agricultural and nature conservation after uses.

The Western Quarry has been largely excavated to close to the base of the Welton Chalk, with typically 1 – 2m of in-situ chalk present beneath the base of the quarry. It is proposed to deepen the existing quarry in the south of the Site to excavate through the Black Band and to work the underlying Ferriby Chalk.

The Ferriby Chalk excavation will subsequently be backfilled using mining waste material (<22mm chalk scalplings), low-quality chalk extracted from the Northern Quarry and overburden/interburden material (i.e. the Black Band) to bring the elevation level with the base of the Welton Chalk. An attenuation layer will then be installed across the base and sidewalls of the Welton Chalk prior to the deposition of imported inert waste material to restoration level. The extraction and engineering of the Site is illustrated conceptually in Drawing EP7.

Key Points regarding the proposed restoration are as follows:

- Extraction of Welton Chalk, Plenus Marl and Ferriby Chalk is proposed in the southern part of the Site at the same time as restoration commences in the northern part of the Site;
- Restoration of the southern part of the Site will commence when extraction is completed, to catch up with deposits made in the northern part of the Site;
- Thereafter, restoration will be undertaken in lifts to achieve the restoration profile minus the top soil and subsoil layer;
- Approximately 340,000m³ of topsoil and subsoil stripped from the Northern Quarry Area will be spread over the surface of the landform to a depth of 1m to effect final restoration in line with Drawing RS2;
- It is estimated that approximately 4,817,385m³ of material is required to restore the Site. Of this a minimum of 1,889,000m³ will be provided by site-derived materials, reducing the imported inert waste requirement to a maximum of 2,928,385m³; a reduction of 40%; and
- Assuming an average density of 2.0 t/m³, the mass of imported inert waste materials will be approximately 5,856,770 tonnes.

The Site will accept up to 750,000 tonnes per annum of inert material for deposit for recovery. Inert materials for the restoration would be sourced from the local area and will be imported to the site through existing quarry infrastructure.

3.4 Site Operations

Site operations will be carried out as follows:

- all vehicles will report to the Site operative on arrival at the Site;
- the designated Site Operative will ensure that the Waste Transfer Note has been completed correctly and the amount of waste is measured;
- the vehicle will be directed to a suitable place to deposit the waste, either on a stockpile or recovery operation; and

- a Site Operative will supervise the deposition of waste.

3.5 Waste Acceptance

Waste acceptance will be undertaken in accordance with the Site's Waste Acceptance Procedure (ref. 416.00075.00104_WAP, February 2020).

3.6 Site Infrastructure and Equipment

3.6.1 Site Identification Board

A site identification board which is easily readable from outside the entrance during hours of daylight will be provided at or near the main site entrance.

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 with the Environment Agency.

The board will display the following information:

- Site name and address;
- Permit holder;
- Permit number (s);
- Emergency contact name and telephone number;
- Environment Agency national telephone numbers; and
- Days and hours site is open to receive waste.

3.6.2 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:

- Vibrating Roller

All items of plant and equipment used on Site will be maintained in accordance with manufacturer's recommendations.

4.0 EMISSIONS AND MONITORING

The Site Manager will conduct a daily site check.

4.1 Point Source Emissions

There will be no point source emissions to air, surface water or groundwater as a result of operations on Site.

4.2 Fugitive Emissions

4.2.1 Groundwater

The Site will be operated to prevent fugitive emissions to groundwater.

4.2.2 Sewer

There will be no emissions to sewer.

4.2.3 Surface Water Management

Surface water at the Site will be generated from incidental rainfall only.

The post-restoration surface water management plan for the Site routes run-off from both the Western Quarry and Camp Wood landfill sites to a soakaway pond to be located between the two sites and immediately down-gradient of the Western Quarry.

4.3 Site Engineering

4.3.1 Basal and Side Slope Engineering

The site will be engineered to minimise risks to groundwater associated with the acceptance of a rogue load of waste. A minimum 1m thick basal and side wall attenuation layer will be formed from <22mm chalk scalplings; a mining waste material generated by the extraction and processing of chalk for lime manufacture by SBL.

All elements of the engineering work will be controlled and monitored by means of a comprehensive Construction Quality Assurance (CQA) programme to ensure the suitability of the design and confirm the as-constructed works against the engineering specification.

4.3.2 Capping

Due to the inert nature of the waste there is no engineered capping system proposed.

4.4 Restoration

The Site will be progressively filled with inert waste to achieve the approved restoration levels.

Restoration contours are shown on Drawing RS2. The plan demonstrates the final levels of waste to be deposited across the site, excluding waste used in the construction of hard surfaced infrastructure.

4.5 Odour

The Site will not accept any biodegradable or odorous materials on site, as such the site will not give rise to significant levels of odour.

The Site Manager will be responsible for ensuring that there are no unacceptable levels of odour from the site activities.

4.6 Dust

The Site will be operated to prevent emissions of dust. Measures in place to prevent the mobilisation of dust include:

- Sheeting of vehicles where required;
- Traffic calming measures such as speed limits;
- Maintenance of haul roads; and
- Dampening of dusty surfaces.

Site personnel will visually inspect the site daily for signs of dust and take appropriate remedial action. Findings and actions taken will be logged in the site diary.

The Site Manager will be responsible for ensuring that there are no unacceptable levels of dust generated from the site activities.

4.7 Noise & Vibration

The activities on Site are not expected to give rise to significant levels of noise in the predominantly agricultural area.

In addition to this, a speed limit will be implemented on site to minimise noise. Furthermore, haul roads will be maintained regularly to avoid excessive noise from uneven surfacing. Site machinery will be operated to minimise noise and in accordance with the manufacturer's specifications.

The Site Manager will be responsible for ensuring that there are no unacceptable levels of noise and vibration from the site activities.

4.8 Pests

The Site will not accept biodegradable materials and as such the potential for attracting pests is minimal. Furthermore, the site will benefit from good housekeeping to prevent the attraction of pests.

The Site Manager or a nominated site personnel will inspect the Site daily for signs of pests. Any pests identified will be logged in the Site Diary and the source of their attraction will be identified. If necessary, a pest control company will be contacted to remove the pests from the Site.

The Site Manager will be responsible for ensuring that there are no pests on Site as a result of the site activities.

4.9 Litter

The Site will not accept litter-yielding materials. Furthermore, there is no infrastructure on the site that could yield litter e.g. welfare cabins. Bins for the use of site personnel will be provided off site, at company owned facilities. Moreover, the site will benefit from good housekeeping to prevent the presence of litter.

The Site will be inspected daily by the site personnel and any litter will be removed immediately.

The Site Manager will be responsible for ensuring that there is no litter generated onsite from the site activities.

4.10 Mud and Debris

The waste type accepted on Site is unlikely to yield significant quantities of mud. If mud becomes prevalent on site, the mud will be cleaned up, with wheel wash stations in place at the site entry and exit. The site will benefit from good housekeeping to prevent the presence of mud and debris.

The Site Manager will be responsible for ensuring that there are no mud or debris onsite from the site activities.

5.0 INFORMATION

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

Records will be maintained for at least 6 years, however in the case of off-site environmental effects, and matters which affect the condition of land and groundwater the records shall be kept until permit surrender. Duty of Care records will be kept for a minimum of 2 years.

5.1 Reporting and Notifications

5.1.1 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.

5.1.2 Waste Types and Quantities

Waste acceptance and rejection will be recorded in line with the conditions of the Environmental Permit.

5.1.3 Relevant Convictions

Singleton Birch Limited does not have any relevant convictions.

The EA will be notified of the following events:

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

5.1.4 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.

5.1.5 Adverse Effects

The EA will 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, are causing or may cause significant pollution; and
- Any significant adverse environmental and health effect.

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