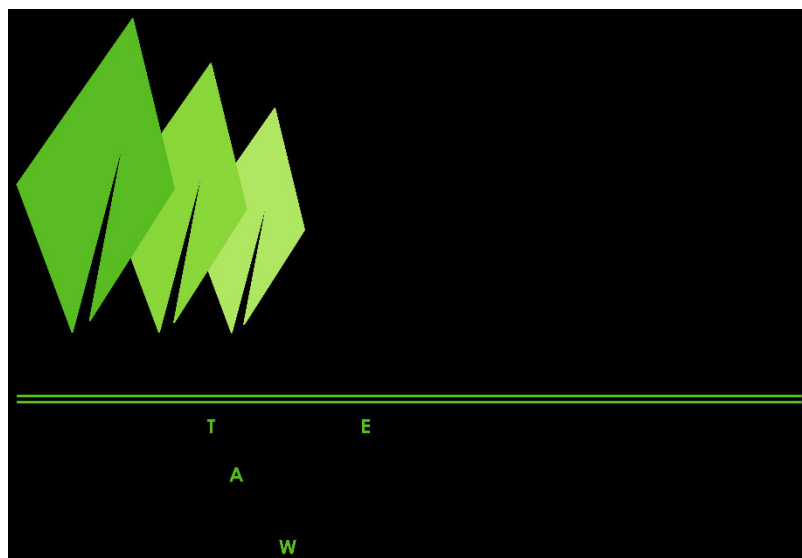




Bespoke Environmental Permit Application

NRS Bromsgrove Aggregates Limited

Sandy Lane Quarry
Sandy Lane
Wildmoor,
Bromsgrove,
Worcestershire,
B61 0QT.





Document Control Table

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1. Introduction

- 1.1. Westbury Environmental Limited have been instructed to prepare this Environmental Permit Application on behalf NRS Bromsgrove Aggregates Limited.
- 1.2. This Environmental Permit application has been prepared for a new Bespoke Environmental Permit to allow the treatment of non-hazardous wastes and the deposit of waste for recovery, at Sandy Lane Quarry, Sandy Lane, Wildmoor, Bromsgrove, Worcestershire, B61 0QT.
- 1.3. The Environmental Permit will authorise the treatment of non-hazardous waste to produce soil, soil substitutes and aggregates, and the deposition of materials to restore the closed quarry to pre-extraction ground levels, under a deposit of waste for recovery (DfR) permit.
- 1.4. It is estimated that the restoration works will comprise the deposit of 975,000m³ of material. It is projected that it will take an estimated 6 years to complete the proposed quarry restoration.
- 1.5. It is proposed that the amount of waste to be recycled is 250,000 tonnes per annum. The amount of waste that will be stored on Site at any one time will be no more than 60,000 tonnes.
- 1.6. The proposed Permit boundary is as shown on Drawing No. 20/022 001 Permit Boundary Plan. It should be noted that there is a minor discrepancy between this boundary and those shown in drawings within the ESSD report. Additional areas within the ESSD drawings relate to transport routes. It is considered that this subtle difference in boundaries within the ESSD report is minor, such that the drawings do not need revising.
- 1.7. The proposed layout of the Site is shown on the Drawing No. 20/022 004 Indicative Site Layout Plan. The operator has not yet determined precisely where the waste treatment operations will take place. This drawing assumes the worst-case scenario, with waste treatment activities placed near the closest sensitive receptors.

Pre-application advice

Waste Recovery Plan

- 1.8. A Waste Recovery Plan for the development was submitted to the Environment Agency in August 2021. The Waste Recovery Plan evidenced that the proposed works would fulfil the obligation to restore the quarry in accordance with the Review of Old Mineral Permissions (ROMP) permission.
- 1.9. The Environment Agency reviewed the original Waste Recovery Plan in January 2022 and considered that, as planning permission was not yet issued, they could not provide a conclusive response that the proposals constituted 'recovery'. This pre-application correspondence is included with the Waste Recovery Plan, see Appendix 1, Waste Recovery Plan.
- 1.10. Planning permission is now issued (see planning permission section below), which obligates the Operator to restore the Site to the contours given on the approved Restoration Plan. The Waste Recovery Plan has been updated to reflect the obligation to restore the Site and details of the issued planning permission, see Appendix 1 Waste Recovery Plan.

Planning permission

- 1.11. Planning permission (reference 21/000029/CM) was granted on the 8 July 2022, see Appendix 1 Waste Recovery Plan.
- 1.12. The permission allows extraction of the remaining mineral followed by importation of restoration material to stabilise existing steep quarry slopes and restore the Site.

Application contents

- 1.13. The relevant Environment Agency forms for the bespoke Environmental Permit application (Part A, Part B2, Part B4 and Part F1) and other required information are included within this Environmental Permit application report.



1.14. The following supporting documents are enclosed:

- Environmental Setting and Site Design report
- Hydrogeological Risk Assessment
- Environmental Risk Assessment
- Gas Risk Assessment
- Stability Risk Assessment
- Dust Management Plan
- Waste Acceptance Procedures
- Site Condition Report.
- Report on Background Monitoring Data

1.15. In relation to application form Part A Question 5c, the details of the company directors and secretary are provided in Table 1.1.

Table 1.1: Details of company directors

| Title | Name | Date of Birth |
|-----------|-------------------|---------------|
| Director | David Forder | |
| Director | Mark Ketcher | |
| Director | Kieran Montgomery | |
| Secretary | Lorraine Shirley | |



2. Non-technical summary

- 2.1. This permit application has been prepared for a new Bespoke Environmental Permit for a deposit of waste for recovery operation and waste recycling at Sandy Lane Quarry, Sandy Lane, Wildmoor, Bromsgrove, Worcestershire, B61 0QT.
- 2.2. Waste will be imported on to the Site for the production of recycled aggregates. The soils produced will be used in the restoration works.
- 2.3. In accordance with the permit the operator will deposit waste for the restoration of Sandy Lane Quarry (Western Void), following the extraction of sand and gravel.
- 2.4. The restoration will restore the Site back to pre-excavation ground levels while creating a landform that is congruous with the surrounding landscape. Surface water will flow westwards following restoration.
- 2.5. Once the Site has been restored, waste importation activities will cease. The Site will be restored in accordance with the requirements of the Permit. A permit surrender application will be prepared and submitted to the Environment Agency.
- 2.6. A site-specific risk assessment for both the waste deposit and recycling activity has been produced in line with Environment Agency guidance, see Appendix 2 Environmental Risk Assessment.
- 2.7. The Environmental Risk Assessment concludes that, with the exception of the Dust Management Plan no other management plans are considered to be required to mitigate risks from the proposed operations. The Environmental Risk Assessment concludes that there is a low risk of noise emissions from the Site from recycling and deposit of waste in the restoration works. The proposed plant and equipment are unlikely to generate significant noise. As such, it is considered that a Noise Impact Assessment and Noise Management Plan are not required to support this application.
- 2.8. Risk to controlled waters has been assessed by Hafren Water Limited. A copy of their detailed, site-specific Hydrogeological Risk Assessment (HRA) is provided as Appendix 3, Hydrogeological Risk Assessment. The HRA concludes that based on the conceptual site model, basal and sidewall barriers will be installed. The barriers will comprise cohesive materials capable of achieving 5×10^{-9} m/s permeability or less at 1m thickness (or equivalent permeability at alternate thickness).
- 2.9. A schedule of groundwater monitoring is outlined in Section 3 of the HRA.
- 2.10. Stability at the Site during restoration will be managed by ongoing Construction Quality Validation. No other monitoring is deemed to be required, see Appendix 4 Stability Risk Assessment.
- 2.11. A Gas Risk Assessment has been produced, see Appendix 5 Gas Risk Assessment. This Gas Risk Assessment concludes that due to the nature of waste accepted, the Site poses a low risk of gas generation and therefore risk of migration.
- 2.12. Strict waste acceptance procedures will be applied on the Site to ensure that only the permitted waste types are accepted, see Appendix 6 Waste Acceptance Procedure.
- 2.13. A Dust Management Plan was prepared to detail how dust will be prevented and managed on Site, see Appendix 7 Dust Management Plan.
- 2.14. An Environmental Setting and Site Design (ESSD) report has been prepared by Hafren Water Limited, see Appendix 8 ESSD report.
- 2.15. Part 1 of a Site Condition Report has been produced for the Site. A copy of the Site Condition Report is provided in Appendix 9 Site Condition Report, Part 1.
- 2.16. Technical competence management (TCM) details are provided in Appendix 10, relevant certificates, contact details and other sites for which TCM is provided.
- 2.17. The background groundwater monitoring data collected to date has been reviewed, and monitoring schedules and compliance limits have been proposed, see Appendix 11, Report on Background Monitoring Data.



3. Proposed waste operations

3.1. The proposed waste activities for the Site are presented in Table 3.1.

Table 3.1: Description and limits of the proposed waste operations

| Description of activities AR1 | Limits of activities |
|---|--|
| <p>R13: Storage of wastes pending the operations numbered R3 and R5</p> <p>R3: recycling or reclamation of organic substances which are not used as solvents</p> <p>R10: Land treatment resulting in benefit to agriculture or ecological improvement</p> <p>R5: Recycling/reclamation of other inorganic materials</p> | <p>The use and associated secure storage of wastes listed in Table 3.2 for the purposes of the construction work and/or restoration, reclamation or improvement of land as detailed in the approved Waste Recovery Plan.</p> <p>In any event the total quantity of waste used shall not exceed the amount needed to complete the recovery operation to the final levels in the approved Waste Recovery Plan.</p> <p>Only the waste types specified in Table 3.2 that are specified in the approved Waste Recovery Plan shall be accepted. Such wastes shall only be used as specified in the approved Waste Recovery Plan.</p> <p>Topsoil or peat (waste types coded 17 05 04 and 20 02 02) and soil from cleaning and washing beet (waste coded 02 04 01) shall only be used for R10 activities and be limited to use in the top 50cm of the recovery activity and shall only be used to provide a growing medium.</p> <p>Storage of waste prior to use in the recovery activity shall be limited to 3 years.</p> |
| Description of activities AR2 | Limits of activities |
| <p>R13: Storage of wastes pending the operations numbered R3 and R5.</p> <p>R3: recycling or reclamation of organic substances which are not used as solvents.</p> <p>R5: Recycling or reclamation of other inorganic materials.</p> | <p>Treatment of wastes listed in table 2.3 consisting only of sorting, separation, screening, crushing and blending of waste for recovery as a soil, soil substitute or aggregate.</p> <p>Secure storage of wastes listed in table 2.3 pending treatment.</p> <p>Storage of wastes listed in table 2.4 shall not exceed 10,000 tonnes in total at any one time.</p> <p>All other wastes stored shall not exceed 40,000 tonnes in total at any one time.</p> <p>No more than 75,000 tonnes of waste shall be treated per year.</p> <p>Treatment of slags and ashes for disposal shall not exceed 50 tonnes per day, or if for a mix of recovery and disposal shall not exceed 75 tonnes per day</p> |

- 3.2. Imported materials for permanent deposit will be subject to strict waste acceptance procedures to ensure that only suitable wastes are accepted and used in the restoration of the Site, see Appendix 6 Waste Acceptance Procedures.
- 3.3. The proposed List of Waste Codes to be accepted for the deposit of waste for recovery activity are presented in Table 3.2.
- 3.4. The proposed List of Waste Codes to be accepted for waste treatment activities are presented in Table 3.3.

**Table 3.2: Proposed waste types to be used in waste deposit for recovery**

| Exclusions Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> Consisting solely or mainly of dusts, powders, or loose fibers Wastes that are in a form which is either sludge or liquid | | | | |
|---|---|------------|--|---|
| Source | Sub-source | Waste code | Description | Additional restrictions |
| 01 Waste resulting from exploration, mining, quarrying and physical and chemical treatment of minerals | 01 01 wastes from mineral excavation | 01 01 02 | Wastes from mineral non-metalliferous excavation | Restricted to waste overburden and interburden only. |
| | 01 04 wastes from physical and chemical processing of non-metalliferous minerals | 01 04 08 | Waste gravel and crushed rocks other than those mentioned in 01 04 06 | |
| | | 01 04 09 | Waste sand and clays | |
| 02 Waste from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing | 02 04 wastes from sugar processing | 02 04 01 | Soil from cleaning and washing beet | Will be limited to placement in the upper 0.5m only |
| 10 Wastes from thermal processes | 10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products | 10 12 08 | Waste ceramics, bricks, tiles and construction products (after thermal processing) | |
| | 10 13 waste from manufacture of cement, lime and plaster and articles and products made from them | 10 13 14 | Waste concrete | |
| 17 Construction and demolition wastes | 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 other than those mentioned in 17 01 06 | Metal from reinforced concrete must have been removed. |
| | 17 03 bituminous mixtures | 17 03 02 | Bituminous mixtures other than those mentioned in 17 03 01 | Road planings only. |
| | 17 05 soil stones and dredging spoil | 17 05 04 | Soil and stones other than those mentioned in 17 05 03 | Restricted to topsoil, peat, subsoil, and stones only. Topsoil and peat will be restricted to the top 0.5m only. |
| 19 Wastes from waste management facilities | 19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, | 19 12 09 | Minerals (for example sand, stones) only | Restricted to wastes from treatment of waste aggregates that are otherwise naturally occurring minerals. |



| Source | Sub-source | Waste code | Description | Additional restrictions |
|--|--|------------|---|---|
| | compacting, pelletising) not otherwise specified | | | Does not include fines from treatment of any non-hazardous waste or gypsum from recovered plasterboard |
| | | 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 | <p>Restricted to Crushed bricks, tiles, concrete, and ceramics.</p> <p>Including soils from the mechanical treatment of construction / demolition waste.</p> <p>Metal from reinforced concrete must be removed.</p> <p>Does not include gypsum from recovered plasterboard.</p> |
| 20 Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions | 20 02 garden and park wastes | 20 02 02 | Soils and stones | <p>Restricted to topsoil, peat, subsoil and stones only.</p> <p>Topsoil and peat will be limited to placement in the upper 0.5m only.</p> |

- 3.5. The proposed List of Waste Codes to be accepted for the treatment of non-hazardous waste to produce soil, soil substitutes and aggregates are presented in Table 3.23.

Table 3.3a: Proposed waste types to be used for the production of aggregates

| Exclusions Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> Consisting solely or mainly of dusts, powders, or loose fibers Hazardous wastes Wastes in liquid form | | | |
|--|--|------------|---|
| Source | Sub-source | Waste code | Description |
| 01 Waste 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 mentioned in 01 04 06 |
| | | 01 04 09 | Waste sand and clays |
| 02 Waste from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing | 02 02 Wastes from preparation and processing of meat, fish and other foods of animal origin. | 02 02 02 | Shellfish shells from which the soft tissue or flesh has been removed only. |
| 10 Wastes from thermal processes | 10 01 Wastes from power stations and other combustion plants | 10 01 01 | Bottom ash and slag only |



| Source | Sub-source | Waste code | Description |
|--|---|------------|---|
| | | 10 01 02 | Pulverized fuel ash only |
| | | 10 01 15 | Bottom ash and slag only from co-incineration other than those mentioned in 10 01 14 |
| | 10 11 Wastes from manufacture of glass and glass products | 10 11 12 | Clean glass other than those mentioned in 10 11 11 |
| | 10 12 Wastes from manufacture of ceramic goods, bricks, tiles and construction products | 10 12 08 | Waste ceramics, bricks, tiles and construction products (after thermal processing) |
| | 10 13 wastes from manufacture of cement, lime and plaster products and articles and products made from them | 10 13 14 | Waste concrete only |
| 15 Waste Packaging | 15 01 Packaging | 15 01 07 | Clean glass only |
| 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 other than those mentioned in 17 01 06 |
| | 17 02 wood, glass and plastic | 17 02 02 | Clean glass only |
| | 17 03 bituminous mixtures, coal tar and tarred products | 17 03 02 | Road base and road planings (other than those containing coal tar) only |
| | 17 05 soil (including excavated soil from contaminated sites) stones and dredging spoil | 17 05 04 | Soil and stones other than those mentioned in 17 05 03 |
| | | 17 05 06 | Dredging spoil other than those mentioned in 17 05 05 |
| | | 17 05 08 | Track ballast other than those mentioned in 17 05 07 |
| | 17 09 Other construction and demolition wastes | 17 09 04 | Mixtures if soil, bricks stones and concrete |



| Source | Sub-source | Waste code | Description |
|---|--|------------|--|
| 19 Wastes from waste management facilities, off site waste water treatment plants, and preparation of water intended for human consumption/industrial waste | 19 08 wastes from waste water treatment plants not otherwise specified | 19 08 02 | Washed sewage grit (waste from desanding) free from sewage contamination only |
| | 19 12 Wastes from the mechanical treatment of wastes | 19 12 05 | Clean glass only |
| | | 19 12 09 | Minerals (for example sand, stones) |
| | | 19 12 12 | Treated bottom ash including IBA and slag other than that containing dangerous substances only |
| 20 Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions | 20 01 Separately collection fractions | 20 01 02 | Clean glass only |
| | 20 02 | 20 02 02 | Soils and stones |

Table 3.3b: Proposed waste types to be used for the production of soil and soil substitutes

| Exclusions Wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders, or loose fibers • Hazardous wastes • Wastes in liquid form | | | | |
|--|---|------------|--|--|
| Source | Sub-source | Waste code | Description | |
| 01 Waste 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 09 | Waste sand and clays | |
| 03 Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard | 03 01 Wastes from wood processing and the production of panels and furniture | 03 01 01 | Bark and cork | |
| | 03 03 Wastes from pulp, paper and cardboard production and processing | 03 03 01 | Bark and wood | |
| 10 Wastes from thermal processes | 10 01 Wastes from power stations and other combustion plants | 10 01 05 | Gypsum (solid) | |
| | | 10 01 07 | Gypsum (sludge) | |
| 17 Construction and demolition wastes (including excavated soil from contaminated sites) | 17 05 soil (including excavated soil from contaminated sites) stones and dredging spoil | 17 05 04 | Soil and stones other than those mentioned in 17 05 03 | |
| | | 17 05 06 | Dredging spoil other than those mentioned in 17 05 05 | |



| Source | Sub-source | Waste code | Description |
|---|--|------------|---|
| | 17 08 Gypsum-based construction material | 17 08 02 | Gypsum other than that mentioned in 17 08 01 |
| | 17 09 Other construction and demolition wastes | 17 09 04 | Mixtures of soil, bricks and concrete |
| 19 Wastes from waste management facilities, off site waste water treatment plants, and preparation of water intended for human consumption/industrial waste | 19 05 wastes from aerobic treatment of solid waste | 19 05 03 | Compost from source segregated biodegradable waste only |
| | 19 09 wastes from the preparation of water intended for human consumption or water for industrial use | 19 09 02 | Sludges from water clarification |
| | 19 12 Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified | 19 12 09 | Minerals (for example sand, stones) |
| | 19 13 Wastes from soil and groundwater remediation | 19 13 02 | Solid wastes from soil remediation other than those mentioned in 19 13 01 |
| | | 19 13 04 | Sludges from soil remediation other than those mentioned in 19 13 03 |
| 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 | Soils and stones |



4. Operating techniques

Environmental Management System

- 4.1. The Site will be operated in accordance with a written Environmental Management System (EMS).
- 4.2. A hard copy of the EMS will be kept on Site at all times. Each member of staff at the Site will have access to the EMS.
- 4.3. The EMS folder shall include a copy of the Environmental Permit and will contain the following sections:

EMS Report

The EMS report contains a description of the purpose and scope of the EMS, all Site details including the location of the Site, receptors located in close proximity to the Site boundary, waste storage, the plant and equipment that is used on the Site, the waste handling procedures carried out on Site, the Site security measures, information on the competence of the staff working on Site, roles and responsibilities for each member of staff and details for Site closure.

Each procedure within the EMS will specify who is responsible for implementing the required actions. The EMS will include a staff organogram which will show the roles and responsibilities of each staff member in relation to the activities covered by the permit.

An Environmental Training Procedure will be included in the EMS to ensure regular training on the EMS procedures is given to all site staff and is well documented.

The EMS will include a Complaints Procedure that will provide details for recording, investigating, and resolving complaints in regard to the permitted activities.

The Reviewing & Auditing Documentation Procedure included within the EMS will ensure regular checks are carried on the EMS documentation in order to assess whether the EMS implements the requirements of the permit and relevant environmental legislation. Any changes to the permit or site operations will be recorded within the EMS and the relevant EMS documents will be updated accordingly.

Records required by the permit e.g. waste transfer notes, chemical analysis, hazardous waste assessments, maintenance records, staff training records etc. will be kept on file within the EMS.

The Site will display a notice board at the site entrance which will include the following details:

- The permit holder's name – NRS Bromsgrove Aggregate Limited.
- An emergency contact name and telephone number.
- A statement that the site is permitted by the Environment Agency.
- The permit number.
- Environment Agency telephone number and the incident hotline telephone number.

Appendix A – Supporting documents

Site Condition Report

This is used to record the condition of land covered by the Environmental Permit at various stages during the life of the permit. Site Condition Report, Part 1 to record the condition of the land at the permit application stage is included as Appendix 9 of this application report.

Environmental Impacts and Controls Assessment

This assessment will provide information on the processes, activities and equipment on site, the potential emissions and impact that they may have on air, water, energy usage, waste disposal, land contamination, nuisance and resource consumption and how any identified impact may be controlled.

Environmental Accident Management Plan

This report will contain an assessment of the potential accidents that could occur on Site, details of the likelihood of each accident occurring, the preventative measures taken to reduce the risk of each accident



occurring, actions to be taken in the case of an accident on Site and an explanation on how to record any accidents that occur on Site. The types of accident included in this report include.

- Leaks or Spillages.
- Fire.
- Flooding (increasing risk from climate change).
- Unauthorised entry.
- Failure of plant and equipment.
- Cross-contamination.
- Failure of Services.

Flood Management Plan

This report will contain a brief description of the Site, its size, the key contacts to contact in an emergency, whether there are staff employed with any special needs, the locations of any gas, water and / or electric cut off points of Site and ways to keep all plant and computers / files safe in the event of a flood.

Residues Management Plan

This report documents the fate of all residues produced on Site.

Climate Change Risk Assessment

Assesses how the site may need to adapt for climate change, now and in the future.

Contingency Plan

Details the action to be taken in the event of extreme events.

Dust Management Plan

This report provides details on managing the potential causes of dust at the Site, the dust suppression measures and dust monitoring methods. It includes critical information on the storage requirements for the Site and managing dust emissions.

Risk Assessments

Copies of the risk assessments prepared in support of the permit application, will be kept with the EMS, including:

- Environmental Risk Assessment
- Stability Risk Assessment
- Hydrogeological Risk Assessment

Appendix B - Authorisations

A copy of the permit and EA Registrations for the Site will be found in the EMS.

Appendix C - Procedures and Forms

The EMS contains a number of procedures that cover its implementation, waste acceptance and storage, site management, environmental protection, environmental monitoring, emergency provisions and reporting. Records to be produced in accordance with these procedures are provided in the EMS as forms. The completed forms provide records that evidence the implementation of the EMS. The following list details procedures that are included in the EMS.

Implementation

- Environmental training.
- Roles and responsibilities.
- Reviewing and auditing documentation.
- Compliance with legal and other requirements.



Waste Acceptance & Storage

- Waste acceptance.
- Waste classification.
- Waste rejection.
- Waste storage and handling.

Site Management

- Fuel and oil storage.
- Refuelling of plant / equipment
- Housekeeping, litter, pest and vermin control.
- Wheel washing.
- Site security.
- Removal of waste.

Environmental Protection

- Dust, fibres and particulates.
- Mud and debris.
- Noise control.
- Odour control.
- Surface water management.

Maintenance

The Maintenance Procedure will ensure inspections of infrastructure, plant and equipment will be carried out on a daily, weekly, and monthly basis. This procedure will also specify when planned preventative maintenance should be carried out on each item of plant and equipment located on the Site.

- Planned preventative maintenance
- Inspection Checklists.

Emergency Provisions

The EMS will include emergency procedures to ensure contingency measures are implemented in the event of a utility / equipment failure or a flood on the Site. The Flood Management Procedure will account for the potential increase in the risk of flooding at the Site due to climate change.

- Environmental accidents / incidents / complaints.
- Near-miss reporting.
- Spill response.
- Flood management.
- Utility / equipment failure.
- Fire prevention.

Reporting

- Waste returns.
- Notifications to the Environment Agency.

(This list is not exhaustive)

Drawings

The drawings included in the EMS include:



- Permit Boundary Plan: Outlines the Permitted boundary (green line).
- Site Layout Plan: Denotes areas of waste storage and handling, storage for hazardous materials (fuel and oil), location of spill kits, and access for emergency services.
- Sensitive Receptors Plan: Shows nearby receptors including residential, commercial receptors, water courses and protected habitats within a given radius of the Site.



Application Forms

Part A



Application Forms

Part B2



Application Forms

Part B4



Application Forms

Part F1



Drawings

| | |
|-----------------------------|---------------------------|
| Permit Boundary Plan | Drawing number 20/022 001 |
| Indicative Site Layout Plan | Drawing number 20/022 004 |



Appendix 1

Waste Recovery Plan



Appendix 2

Environmental Risk Assessment



Appendix 3

Hydrogeological Risk Assessment



Appendix 4

Stability Risk Assessment



Appendix 5

Gas Risk Assessment



Appendix 6

Waste Acceptance Procedure



Appendix 7

Dust Management Plan



Appendix 8

Environmental Setting & Site Design Report

Please note that this ESSD report has not been updated since the last submission of this application. However, as required, further environmental monitoring data has been obtained. All the available monitoring data has been included in the Appendix of the ESSD. The table of groundwater monitoring data in section 3.3.2 of the ESSD has not been updated. It is considered that the new data does not significantly change the summary information in the Table.



Appendix 9

Site Condition Report



Appendix 10

Evidence of Technically Competent Management



Appendix 11

Report on Background Monitoring Data